

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD031220\  
 Data File : VD065485.D  
 Acq On : 12 Mar 2020 11:51  
 Operator : VA/SY  
 Sample : VD0312SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

Quant Time: Mar 13 04:24:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 05 01:22:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 457092   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 667834   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 609832   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 306185   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.34   | 65  | 190073   | 48.48 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.96%  |      |
| 35) Dibromofluoromethane    | 7.92   | 113 | 201292   | 48.74 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.48%  |      |
| 50) Toluene-d8              | 10.34  | 98  | 781934   | 49.35 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.70%  |      |
| 62) 4-Bromofluorobenzene    | 12.64  | 95  | 250684   | 51.25 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.50% |      |

|                               |      |     |        |        |        |     |
|-------------------------------|------|-----|--------|--------|--------|-----|
| Target Compounds              |      |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 82987  | 21.12  | ug/l   | 98  |
| 3) Chloromethane              | 2.21 | 50  | 98386  | 20.74  | ug/l   | 99  |
| 4) Vinyl Chloride             | 2.36 | 62  | 96411  | 20.61  | ug/l   | 97  |
| 5) Bromomethane               | 2.77 | 94  | 63919  | 21.67  | ug/l   | 95  |
| 6) Chloroethane               | 2.93 | 64  | 60976  | 21.28  | ug/l   | 96  |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 145260 | 21.07  | ug/l   | 98  |
| 8) Diethyl Ether              | 3.71 | 74  | 42420  | 20.69  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 93724  | 21.11  | ug/l   | 99  |
| 10) Methyl Iodide             | 4.30 | 142 | 88829  | 19.26  | ug/l   | 98  |
| 11) Tert butyl alcohol        | 5.23 | 59  | 5125   | 22.79  | ug/l # | 34  |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 86313  | 20.30  | ug/l   | 92  |
| 13) Acrolein                  | 3.93 | 56  | 31010  | 79.95  | ug/l   | 97  |
| 14) Allyl chloride            | 4.71 | 41  | 127427 | 19.51  | ug/l   | 99  |
| 15) Acrylonitrile             | 5.44 | 53  | 90347  | 101.31 | ug/l   | 99  |
| 16) Acetone                   | 4.17 | 43  | 77563  | 97.81  | ug/l   | 100 |
| 17) Carbon Disulfide          | 4.41 | 76  | 282125 | 19.93  | ug/l   | 98  |
| 18) Methyl Acetate            | 4.73 | 43  | 40120  | 19.95  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 160919 | 19.68  | ug/l   | 96  |
| 20) Methylene Chloride        | 4.97 | 84  | 101049 | 21.50  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 96881  | 20.49  | ug/l   | 100 |
| 22) Diisopropyl ether         | 6.37 | 45  | 255869 | 21.08  | ug/l   | 94  |
| 23) Vinyl Acetate             | 6.31 | 43  | 675465 | 100.21 | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 161527 | 20.74  | ug/l   | 97  |
| 25) 2-Butanone                | 7.23 | 43  | 106127 | 98.07  | ug/l   | 98  |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 141283 | 20.76  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene    | 7.22 | 96  | 99959  | 20.68  | ug/l   | 99  |
| 28) Bromochloromethane        | 7.56 | 49  | 64918  | 20.84  | ug/l   | 100 |
| 29) Tetrahydrofuran           | 7.57 | 42  | 66943  | 96.87  | ug/l   | 99  |
| 30) Chloroform                | 7.72 | 83  | 166384 | 21.38  | ug/l   | 96  |
| 31) Cyclohexane               | 7.99 | 56  | 153264 | 19.68  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 148497 | 20.65  | ug/l   | 98  |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 135212 | 21.12  | ug/l   | 99  |
| 37) Ethyl Acetate             | 7.30 | 43  | 49612  | 20.05  | ug/l   | 99  |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 137999 | 20.79  | ug/l   | 94  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD031220\  
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 Acq On : 12 Mar 2020 11:51  
 Operator : VA/SY  
 Sample : VD0312SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

Quant Time: Mar 13 04:24:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D030420S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 05 01:22:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 151904   | 19.65  | ug/l   | 93       |
| 40) Benzene                    | 8.36  | 78   | 387143   | 21.63  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.54  | 41   | 24738    | 18.90  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 99305    | 21.25  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.46  | 43   | 88746    | 19.42  | ug/l   | 97       |
| 44) Trichloroethene            | 9.11  | 130  | 106189   | 21.01  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 92617    | 21.36  | ug/l   | 99       |
| 46) Dibromomethane             | 9.48  | 93   | 47901    | 21.30  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 124300   | 21.25  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.46  | 41   | 40726    | 18.95  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 10079    | 391.81 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.24 | 43   | 236671   | 102.94 | ug/l   | 98       |
| 52) Toluene                    | 10.41 | 92   | 240763   | 21.35  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 111918   | 20.47  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 10.10 | 75   | 137492   | 20.78  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 68917    | 21.64  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 70519    | 19.64  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 113162   | 21.00  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 112400   | 101.46 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 156734   | 98.48  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.15 | 129  | 87709    | 21.48  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.26 | 107  | 63886    | 21.03  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 91976    | 21.05  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.68 | 112  | 256186   | 21.23  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 95778    | 21.79  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.75 | 91   | 427397   | 20.50  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 341453   | 42.47  | ug/l   | 99       |
| 69) o-Xylene                   | 12.19 | 106  | 145747   | 20.61  | ug/l   | 98       |
| 70) Styrene                    | 12.20 | 104  | 261863   | 21.04  | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 52613    | 21.31  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.49 | 105  | 399834   | 19.85  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.30 | 43   | 79135    | 19.19  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 70876    | 20.02  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 91136    | 37.72  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 103966   | 20.78  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 490575   | 20.53  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 275629   | 20.47  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 341699   | 20.64  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.54 | 75   | 21995    | 19.21  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 300672   | 21.25  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.23 | 119  | 277391   | 19.80  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 341175   | 20.90  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 410092   | 20.51  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 373250   | 20.46  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 200055   | 20.80  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 198677   | 20.76  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.85 | 91   | 342255   | 20.29  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 76278    | 20.30  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 170435   | 20.82  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 10496    | 19.47  | ug/l   | 94       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD031220\  
Data File : VD065485.D  
Acq On : 12 Mar 2020 11:51  
Operator : VA/SY  
Sample : VD0312SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

Quant Time: Mar 13 04:24:45 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D030420S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 05 01:22:07 2020  
Response via : Initial Calibration

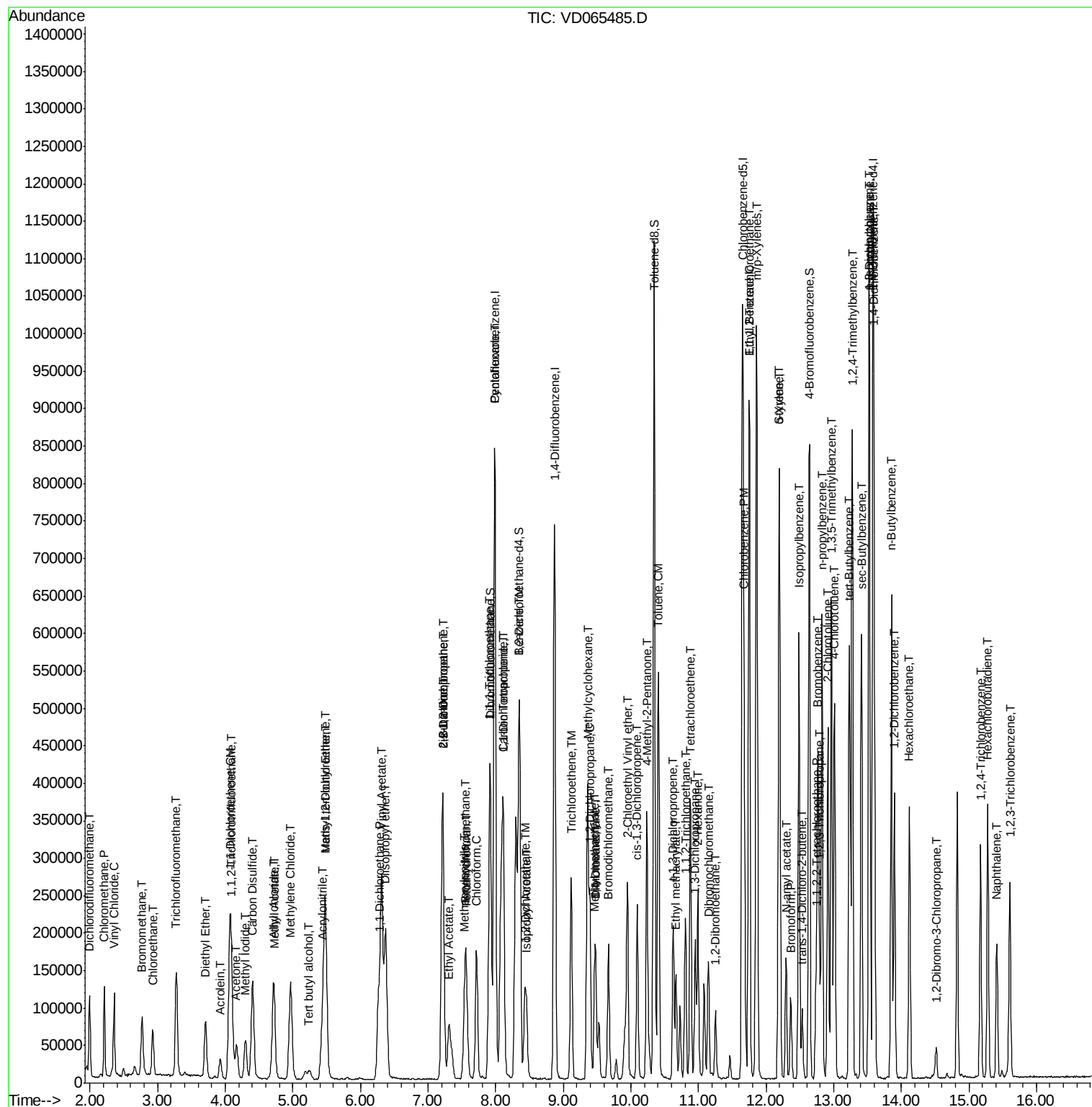
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 110346   | 19.89 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 75315    | 20.66 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 162886   | 19.43 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 98160    | 20.47 | ug/l  | 100      |

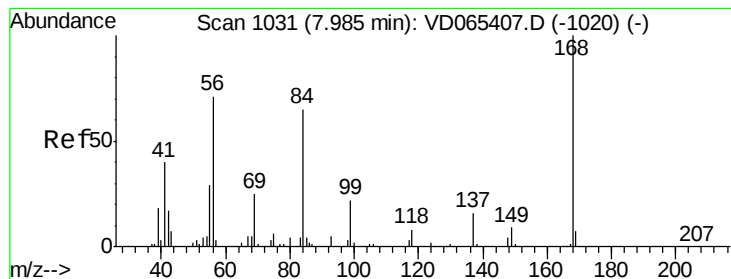
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD031220\  
Data File : VD065485.D  
Acq On : 12 Mar 2020 11:51  
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Sample : VD0312SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

Quant Time: Mar 13 04:24:45 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D030420S.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 05 01:22:07 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

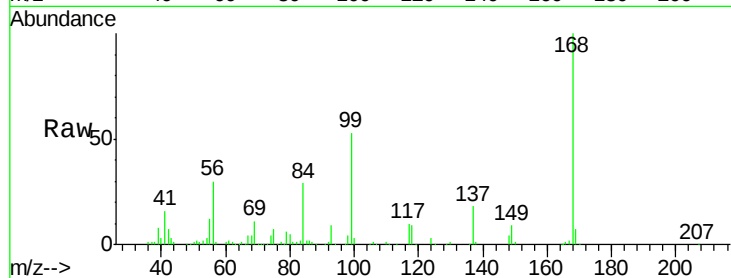
VD0312SBS01

Tgt Ion:168 Resp: 457092

Ion Ratio Lower Upper

168 100

99 52.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

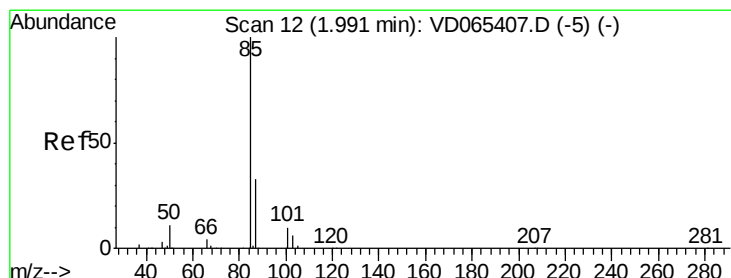
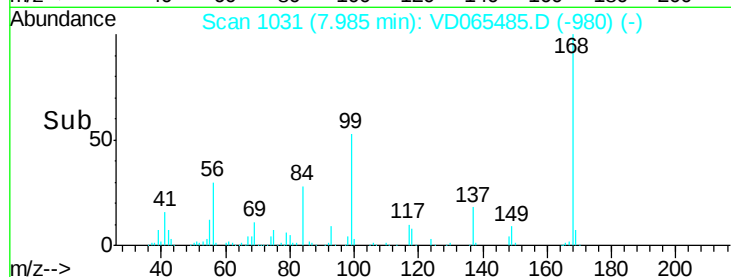
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.12 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065485.D

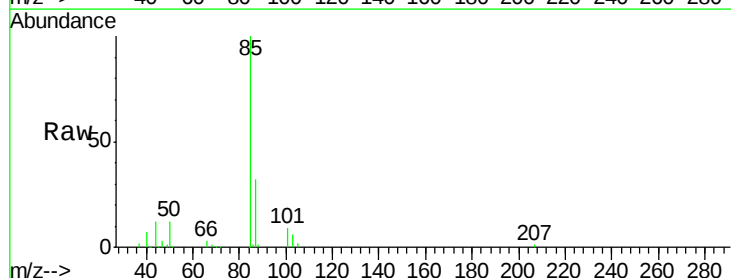
Acq: 12 Mar 2020 11:51

Tgt Ion: 85 Resp: 82987

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

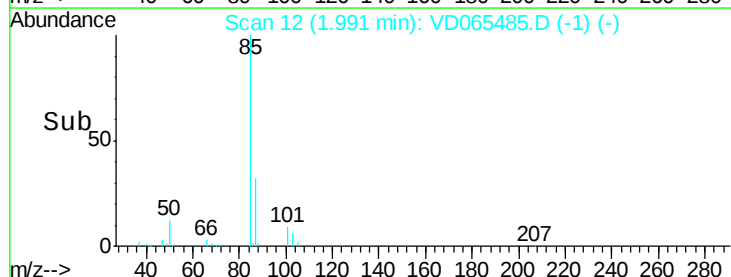
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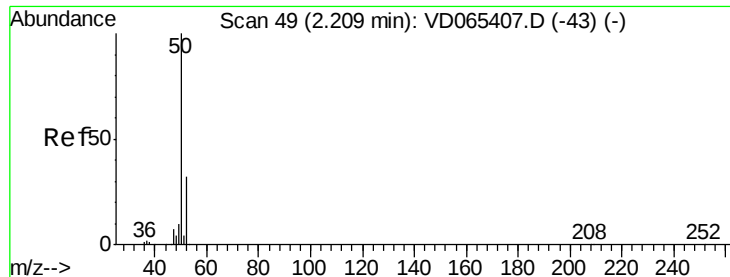
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.74 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

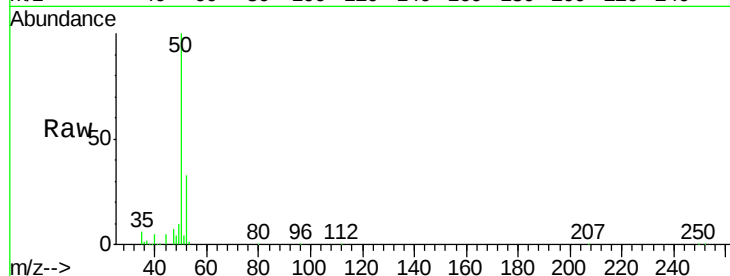
VD0312SBS01

Tgt Ion: 50 Resp: 98386

Ion Ratio Lower Upper

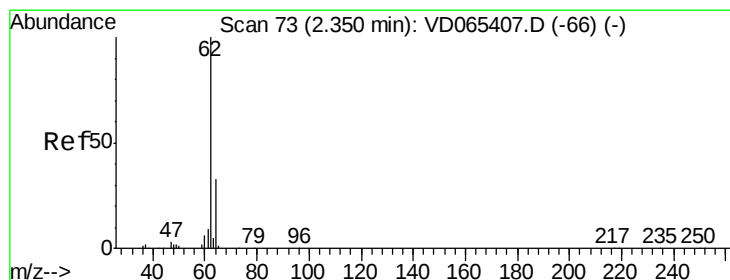
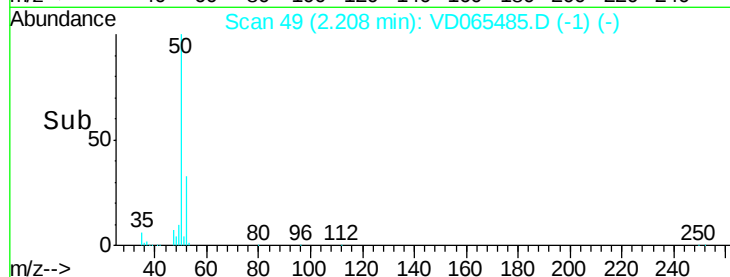
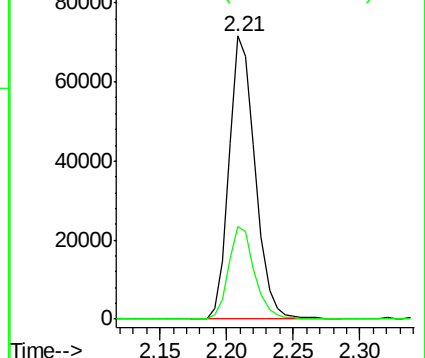
50 100

52 32.6 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.61 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065485.D

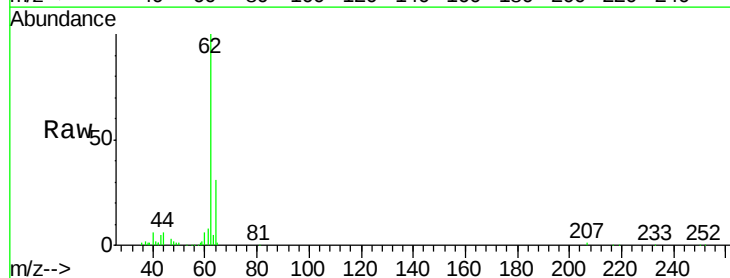
Acq: 12 Mar 2020 11:51

Tgt Ion: 62 Resp: 96411

Ion Ratio Lower Upper

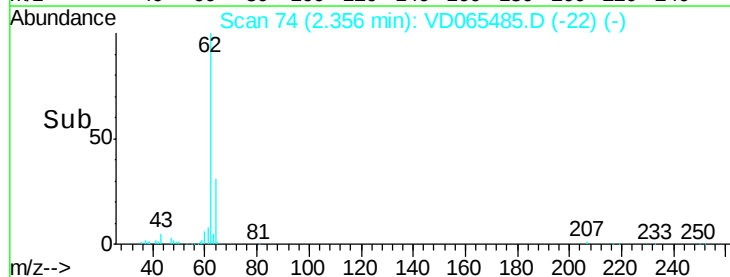
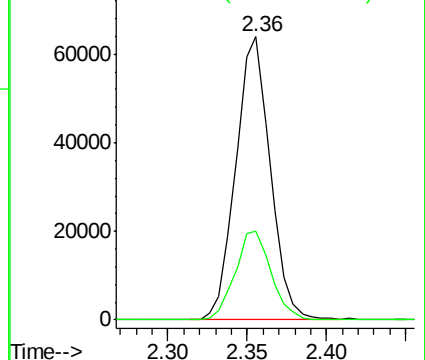
62 100

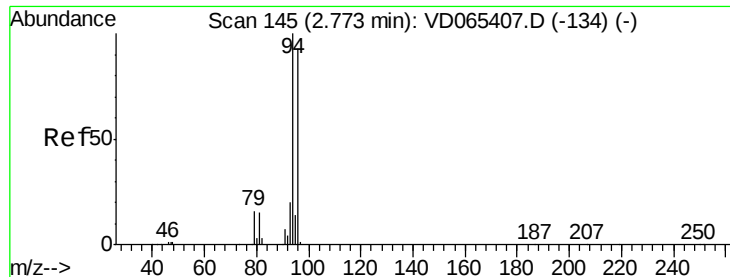
64 31.3 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.67 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

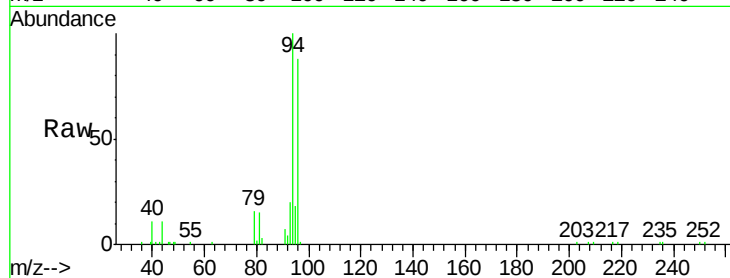
VD0312SBS01

Tgt Ion: 94 Resp: 63919

Ion Ratio Lower Upper

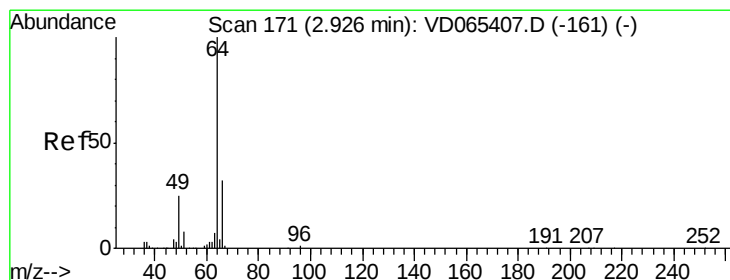
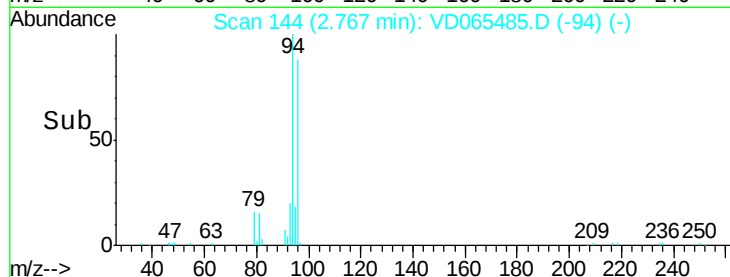
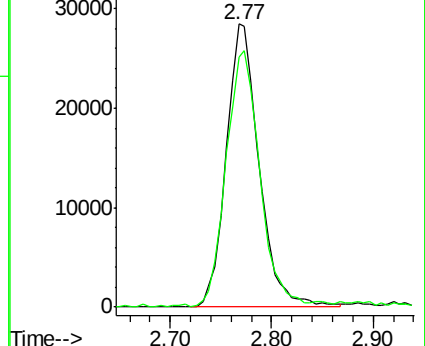
94 100

96 88.5 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.28 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065485.D

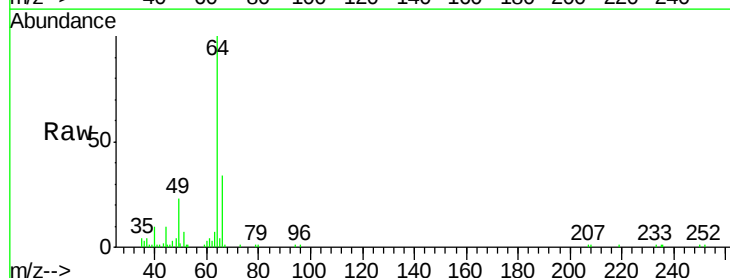
Acq: 12 Mar 2020 11:51

Tgt Ion: 64 Resp: 60976

Ion Ratio Lower Upper

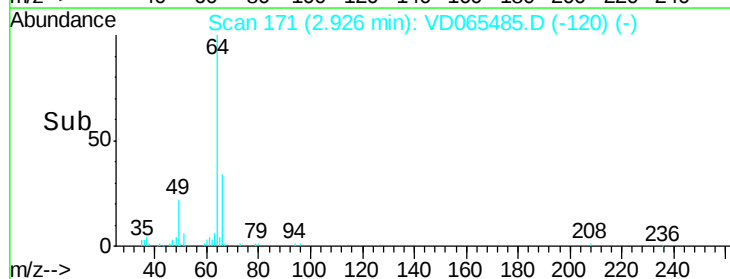
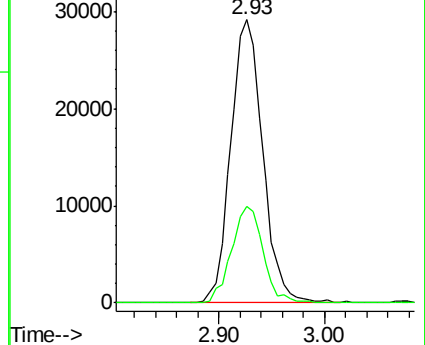
64 100

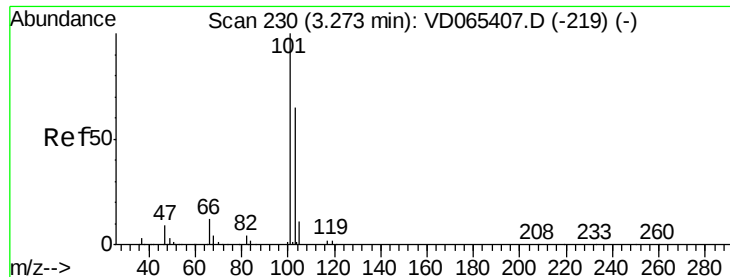
66 34.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.07 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

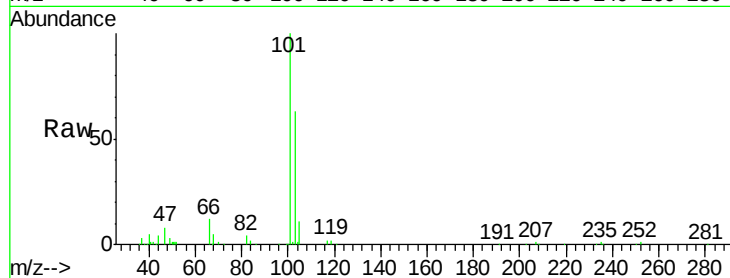
VD0312SBS01

Tgt Ion:101 Resp: 145260

Ion Ratio Lower Upper

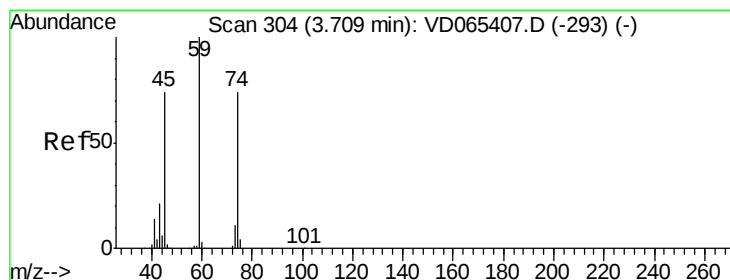
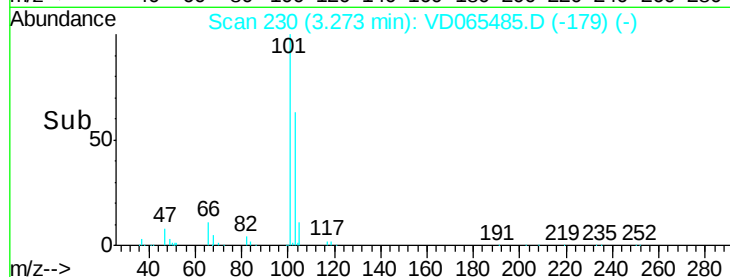
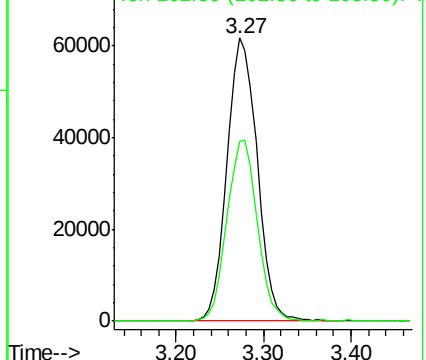
101 100

103 63.5 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.69 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD065485.D

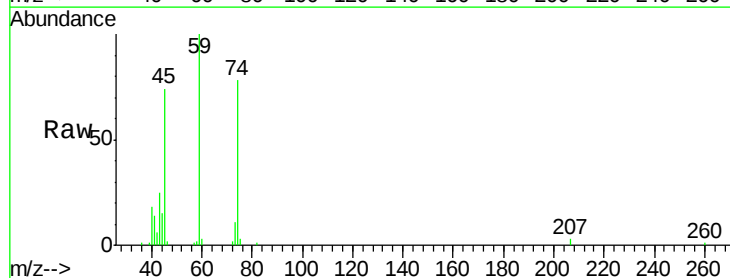
Acq: 12 Mar 2020 11:51

Tgt Ion: 74 Resp: 42420

Ion Ratio Lower Upper

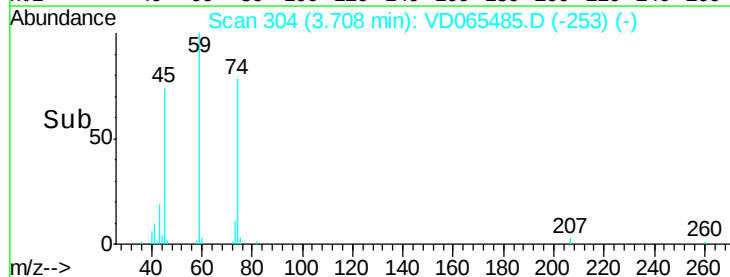
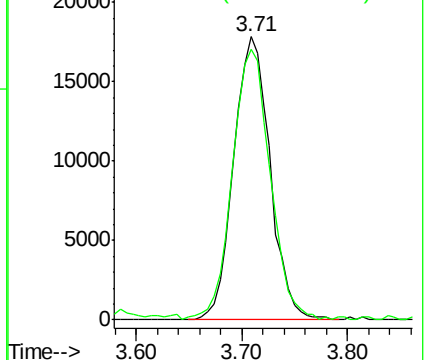
74 100

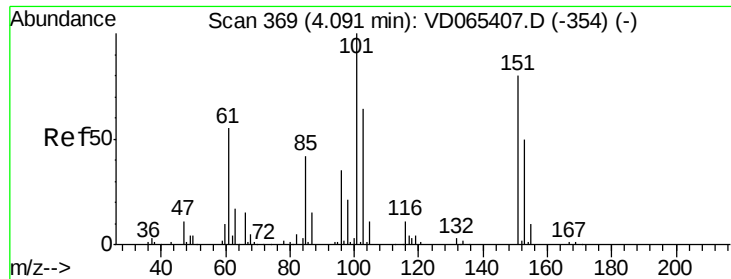
45 99.9 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.11 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

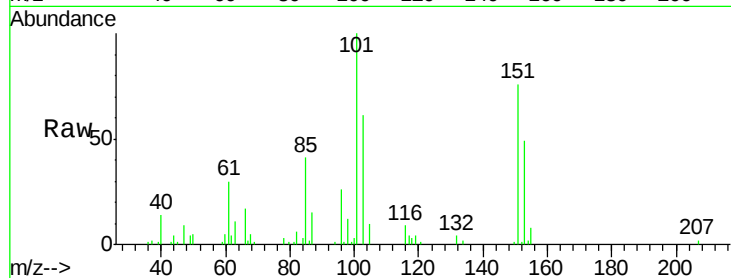
Tgt Ion:101 Resp: 93724

Ion Ratio Lower Upper

101 100

85 41.6 34.2 51.2

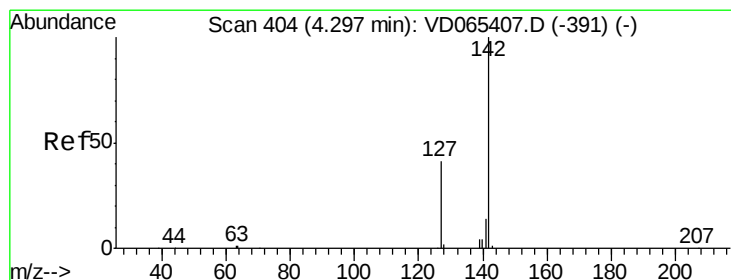
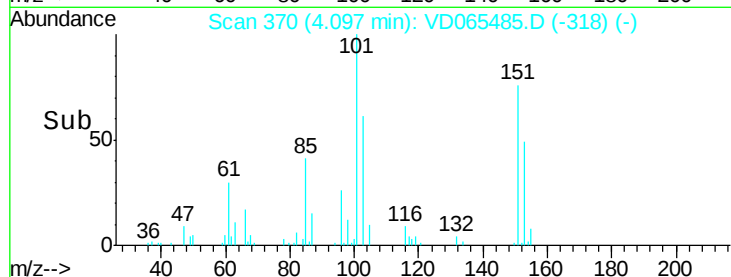
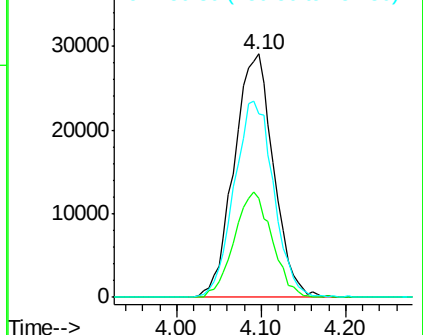
151 81.2 65.1 97.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.26 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

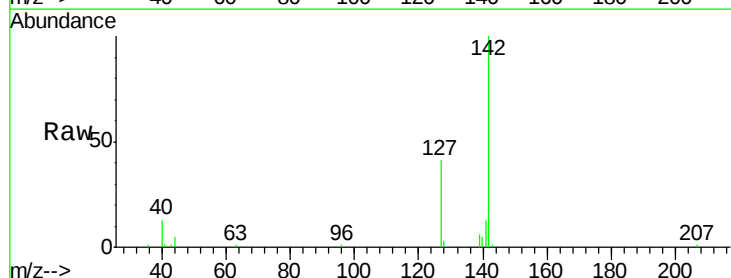
Tgt Ion:142 Resp: 88829

Ion Ratio Lower Upper

142 100

127 42.7 35.0 52.6

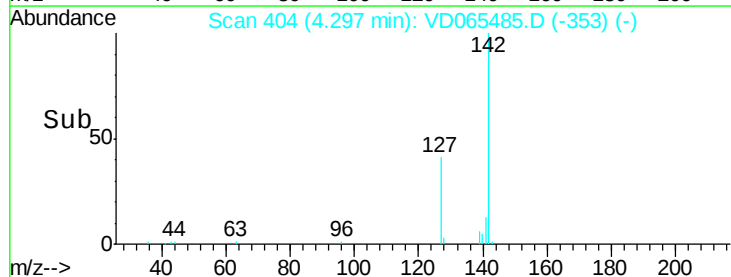
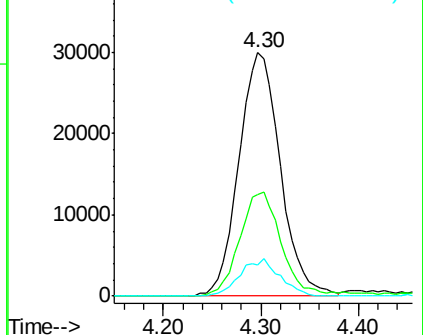
141 14.4 12.4 18.6

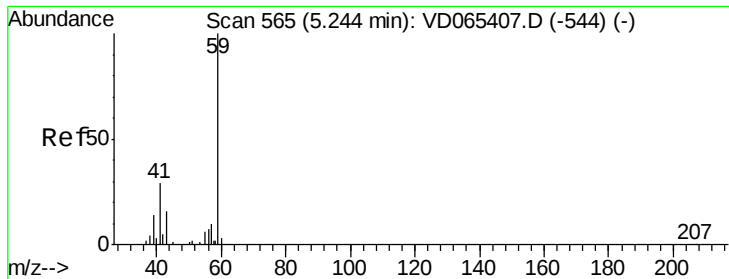


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



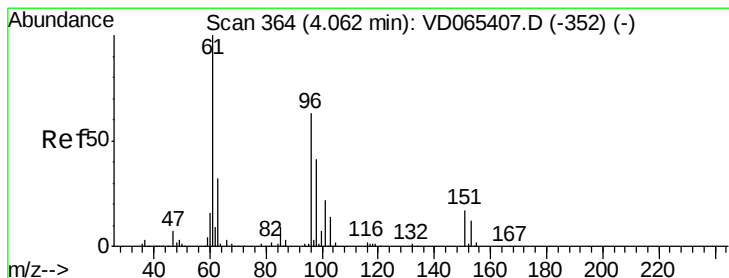
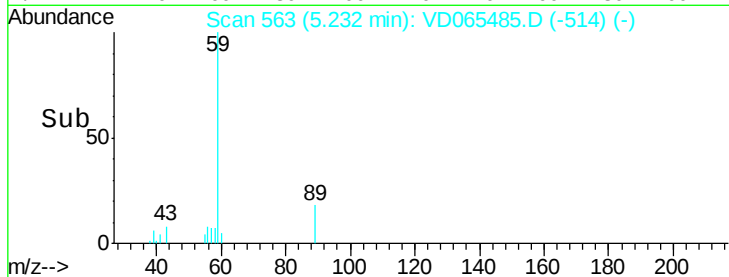
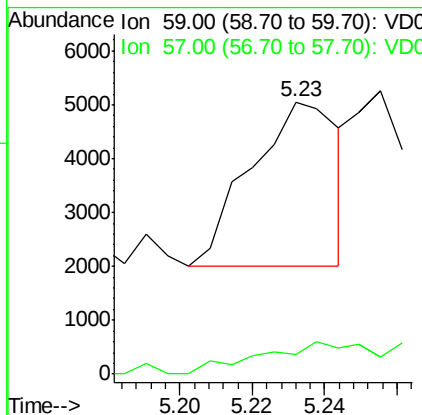
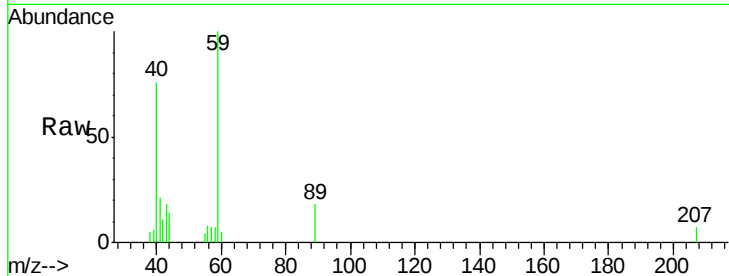


#11

Tert butyl alcohol  
Concen: 22.79 ug/l  
RT: 5.23 min Scan# 563  
Delta R.T. -0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

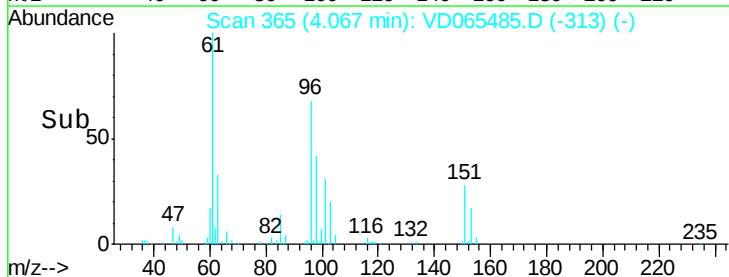
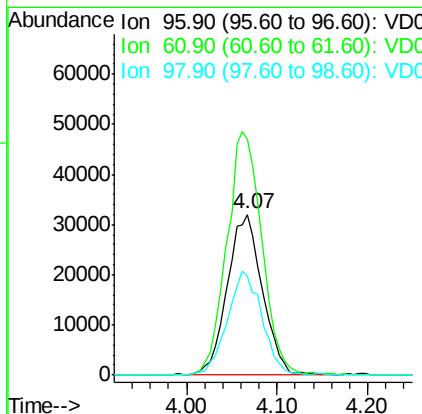
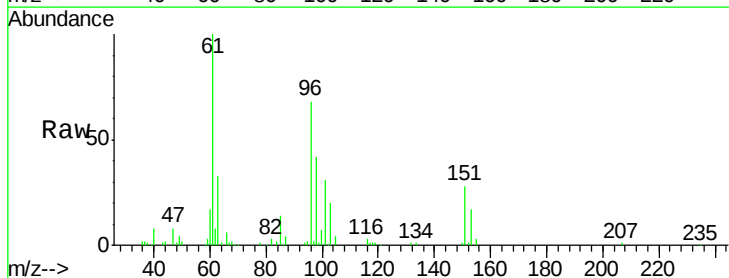
Tgt Ion: 59 Resp: 5125  
Ion Ratio Lower Upper  
59 100  
57 32.1 6.9 10.3#

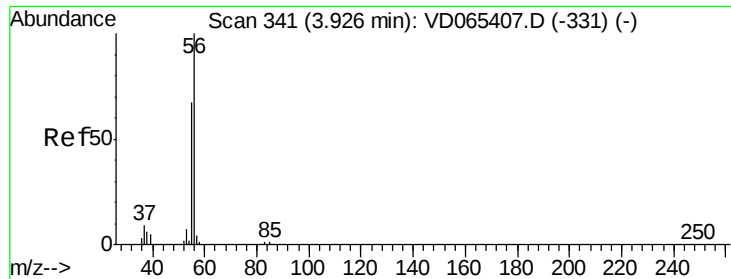


#12

1,1-Dichloroethene  
Concen: 20.30 ug/l  
RT: 4.07 min Scan# 365  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 96 Resp: 86313  
Ion Ratio Lower Upper  
96 100  
61 146.7 128.0 192.0  
98 61.6 51.9 77.9





#13

Acrolein

Concen: 79.95 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

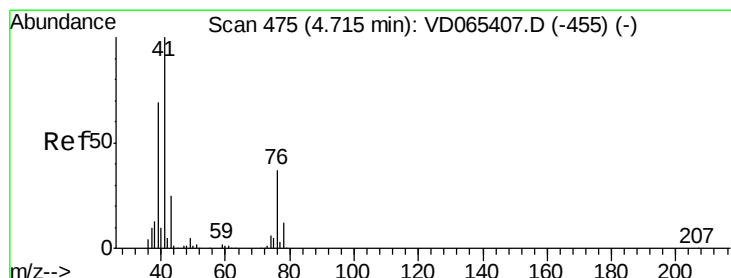
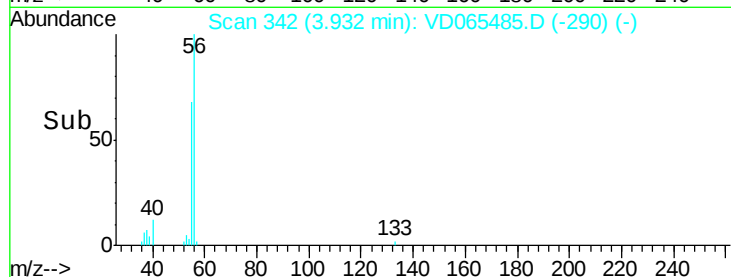
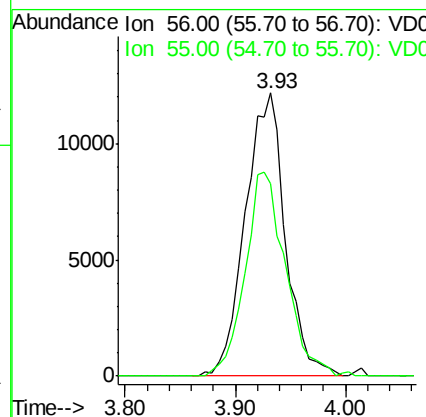
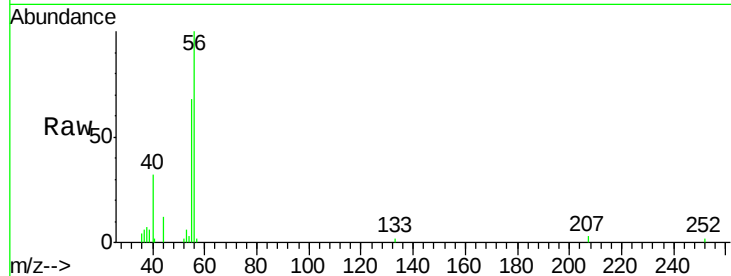
VD0312SBS01

Tgt Ion: 56 Resp: 31010

Ion Ratio Lower Upper

56 100

55 73.1 56.6 85.0



#14

Allyl chloride

Concen: 19.51 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

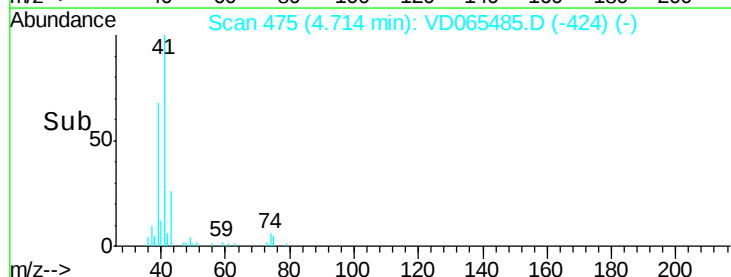
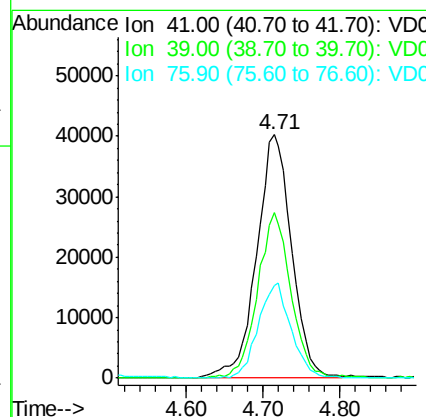
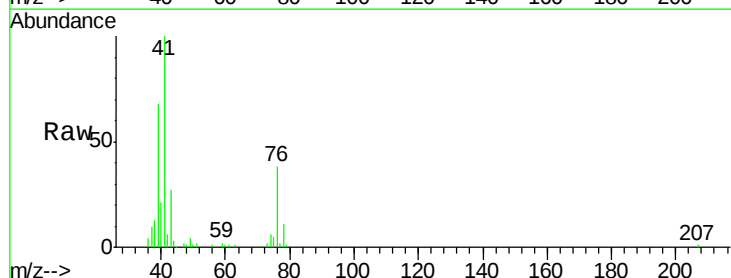
Tgt Ion: 41 Resp: 127427

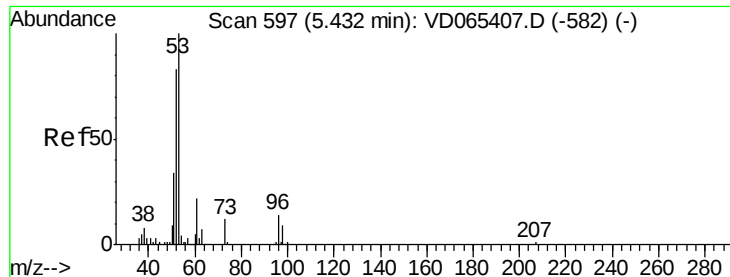
Ion Ratio Lower Upper

41 100

39 64.7 52.6 79.0

76 36.5 29.2 43.8





#15

Acrylonitrile

Concen: 101.31 ug/l

RT: 5.44 min Scan# 598

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

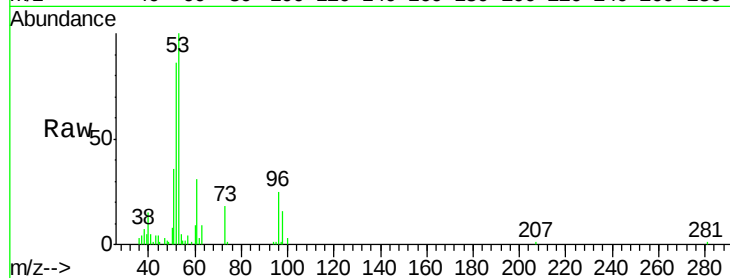
Tgt Ion: 53 Resp: 90347

Ion Ratio Lower Upper

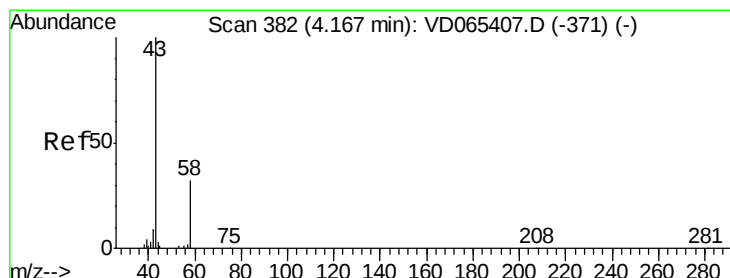
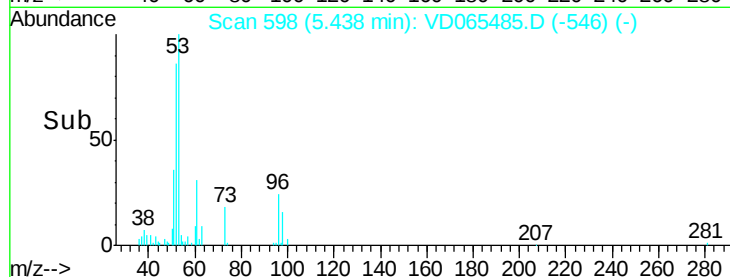
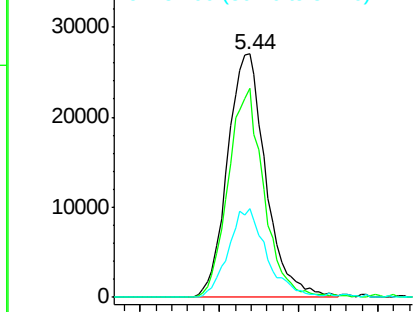
53 100

52 80.2 65.1 97.7

51 36.5 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 97.81 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065485.D

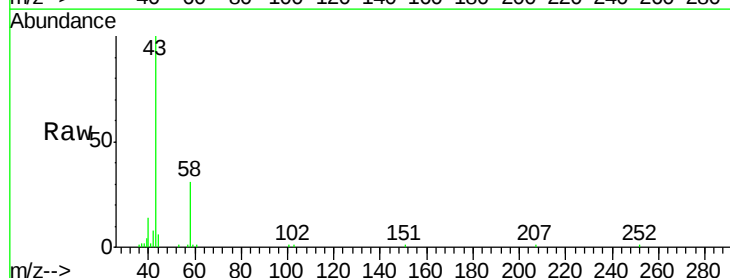
Acq: 12 Mar 2020 11:51

Tgt Ion: 43 Resp: 77563

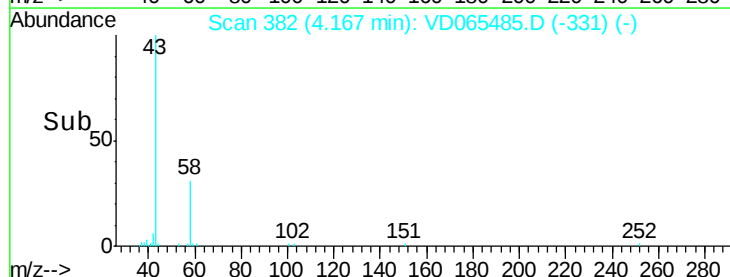
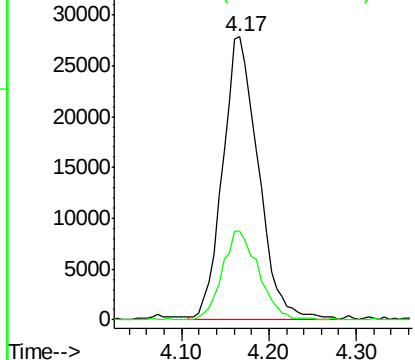
Ion Ratio Lower Upper

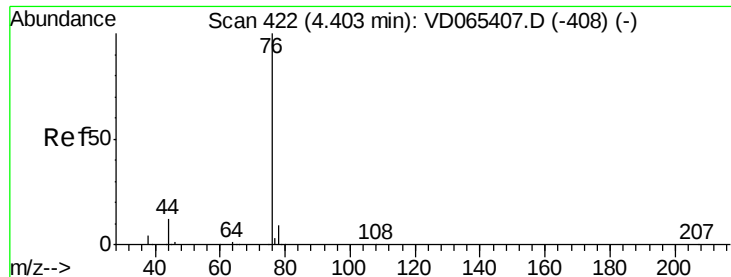
43 100

58 31.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.93 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

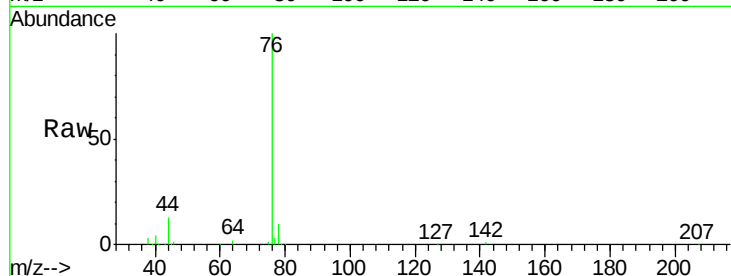
VD0312SBS01

Tgt Ion: 76 Resp: 282125

Ion Ratio Lower Upper

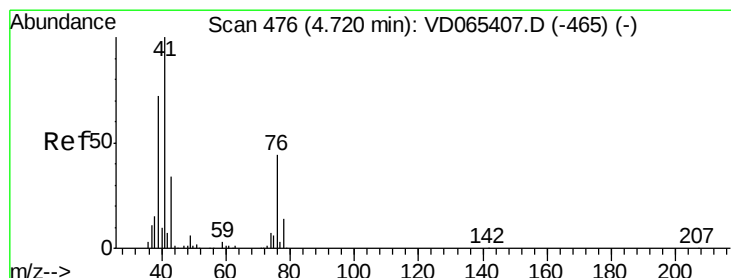
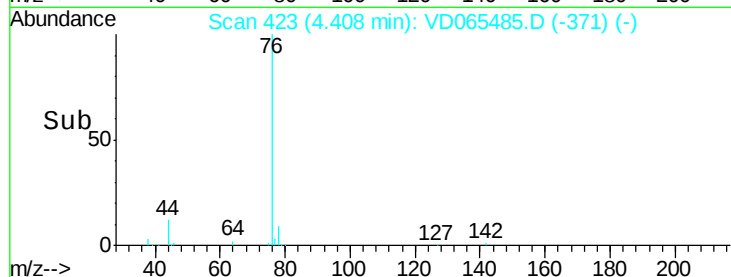
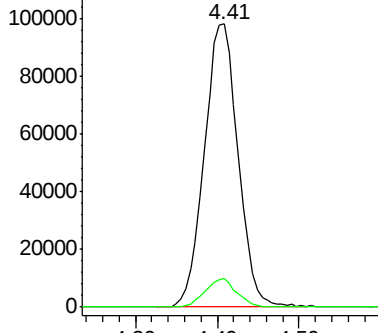
76 100

78 10.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 19.95 ug/l

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD065485.D

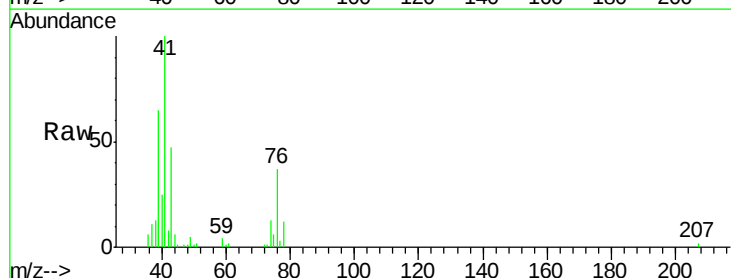
Acq: 12 Mar 2020 11:51

Tgt Ion: 43 Resp: 40120

Ion Ratio Lower Upper

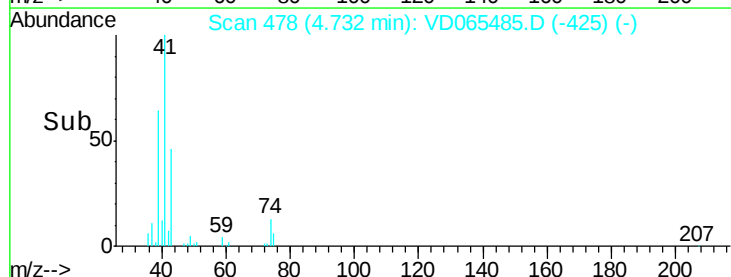
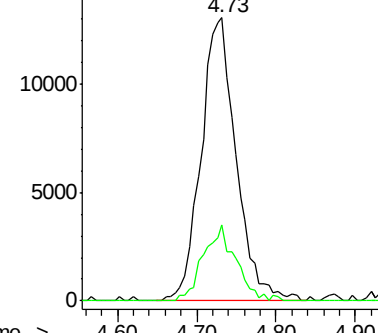
43 100

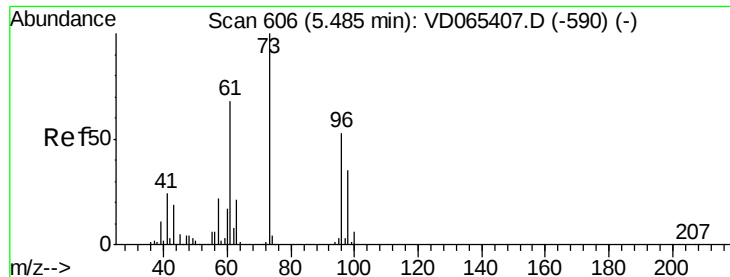
74 24.5 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

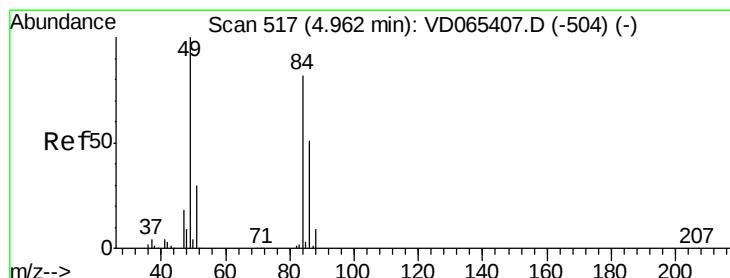
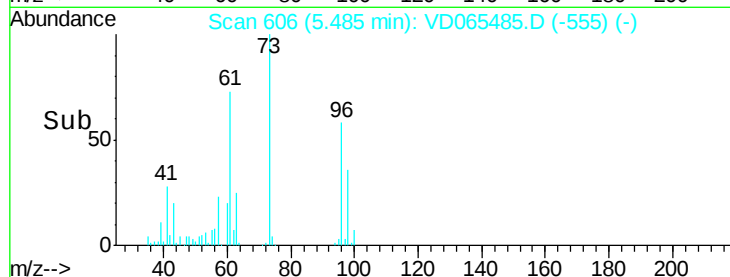
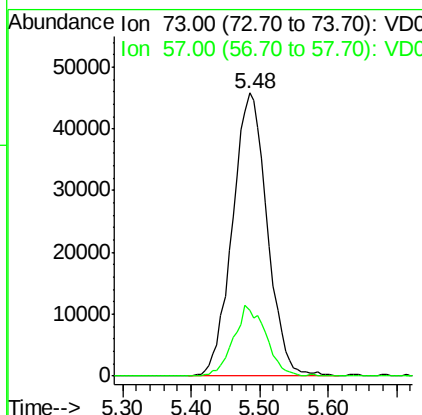
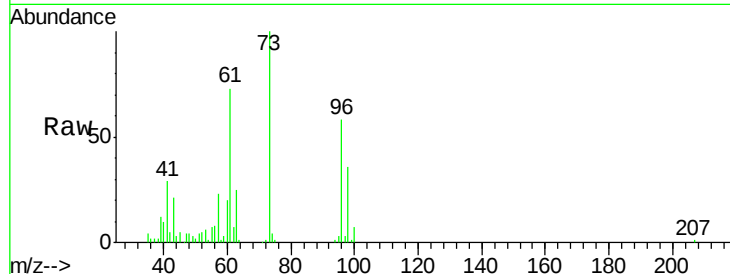




#19  
Methyl tert-butyl Ether  
Concen: 19.68 ug/l  
RT: 5.48 min Scan# 606  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

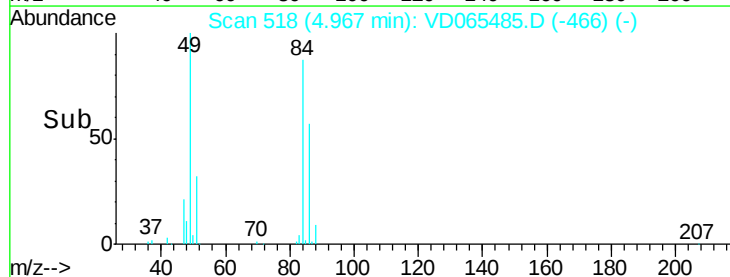
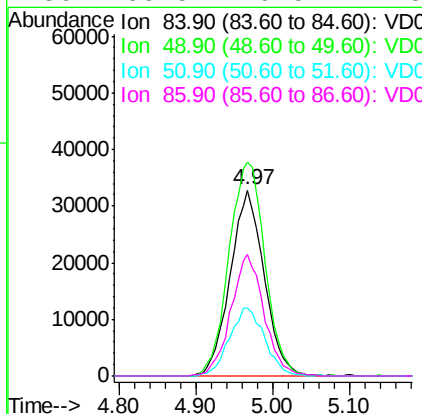
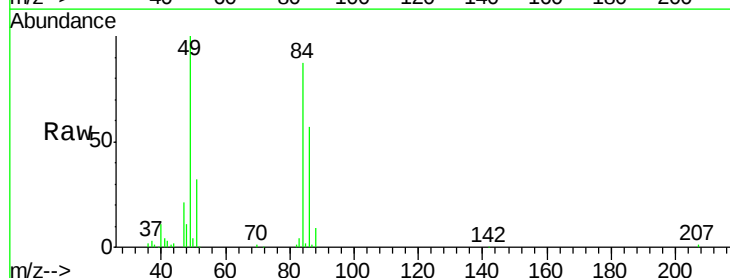
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

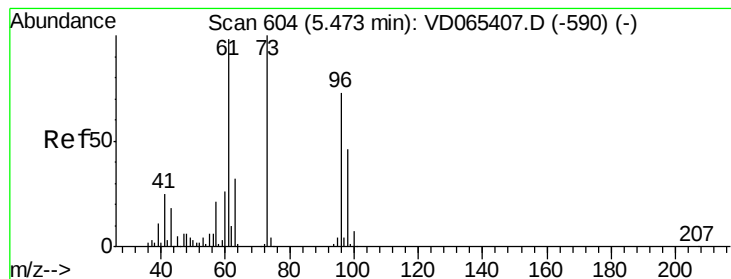
Tgt Ion: 73 Resp: 160919  
Ion Ratio Lower Upper  
73 100  
57 23.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 21.50 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 84 Resp: 101049  
Ion Ratio Lower Upper  
84 100  
49 114.9 97.7 146.5  
51 36.8 28.8 43.2  
86 65.5 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 20.49 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

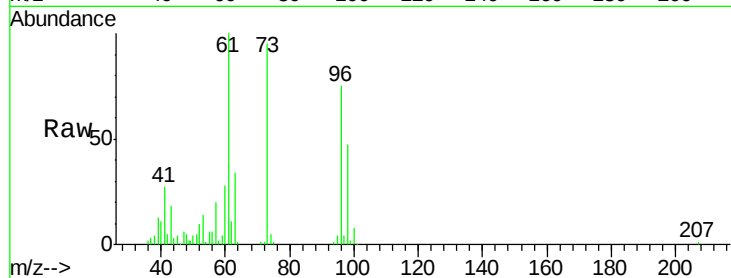
Tgt Ion: 96 Resp: 96881

Ion Ratio Lower Upper

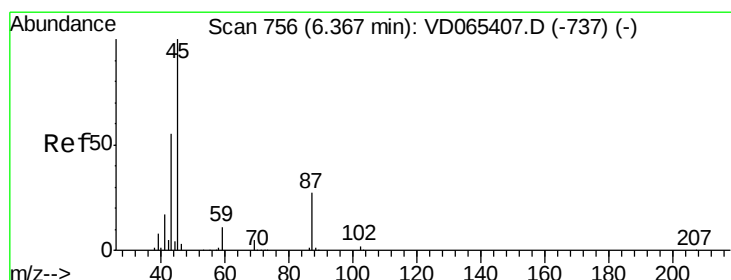
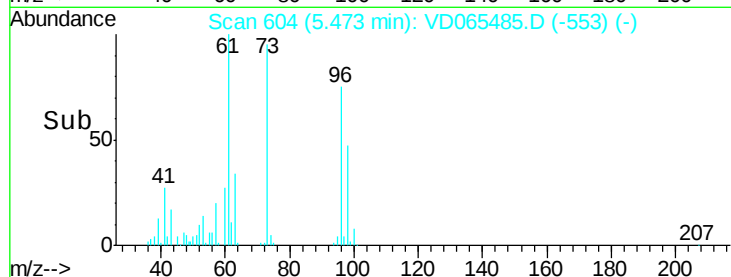
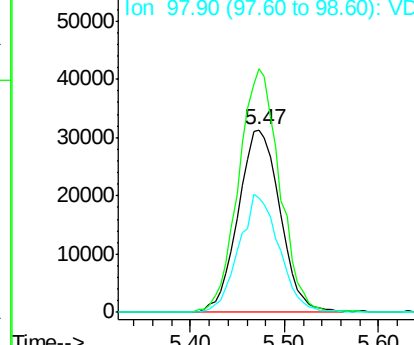
96 100

61 133.7 106.3 159.5

98 62.7 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 21.08 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Tgt Ion: 45 Resp: 255869

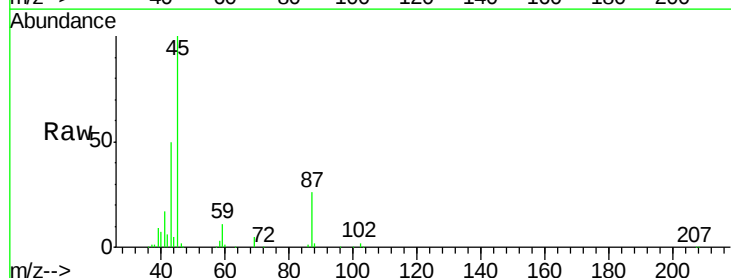
Ion Ratio Lower Upper

45 100

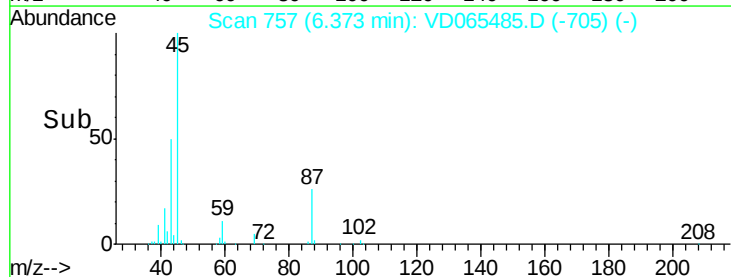
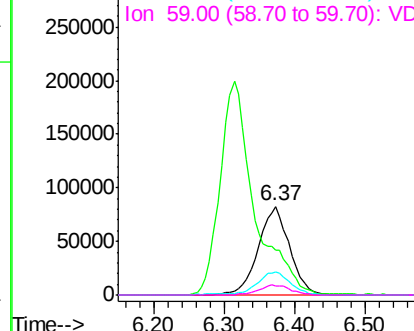
43 49.3 44.4 66.6

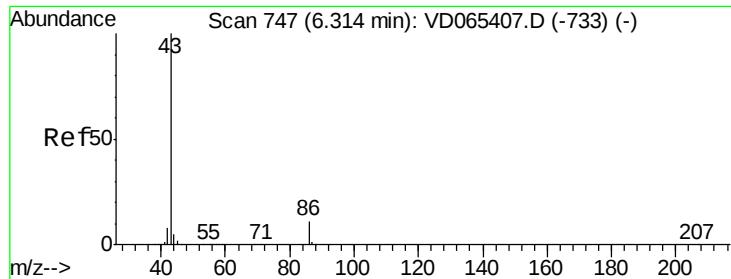
87 25.9 21.9 32.9

59 10.5 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 59.00 (58.70 to 59.70): VDC

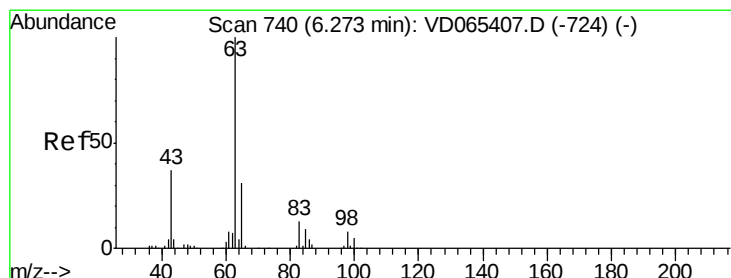
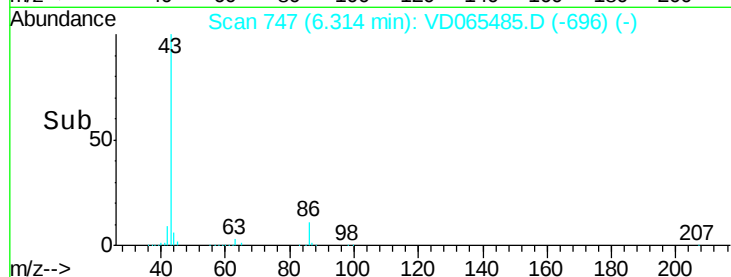
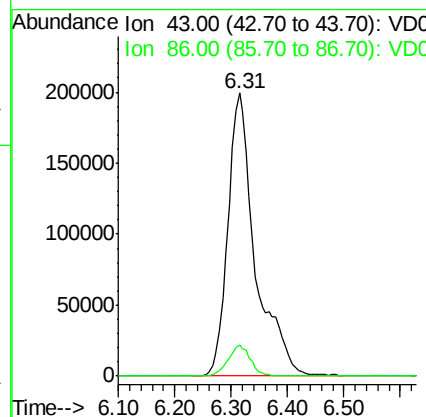
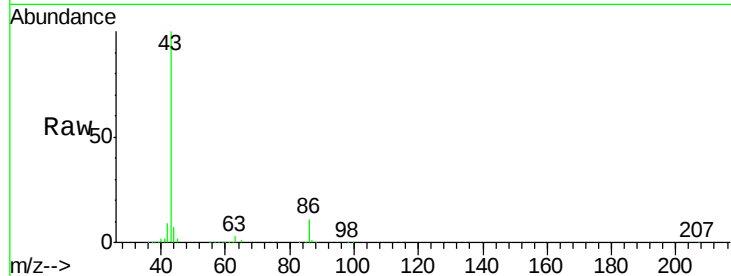




#23  
 Vinyl Acetate  
 Concen: 100.21 ug/l  
 RT: 6.31 min Scan# 747  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

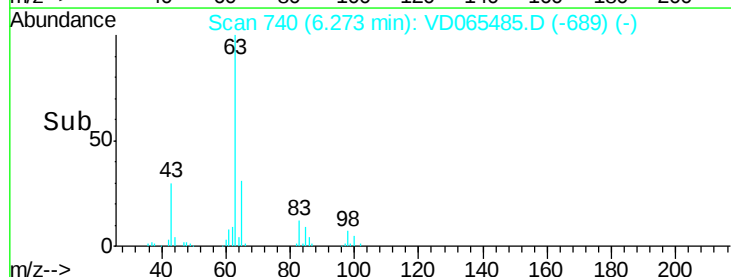
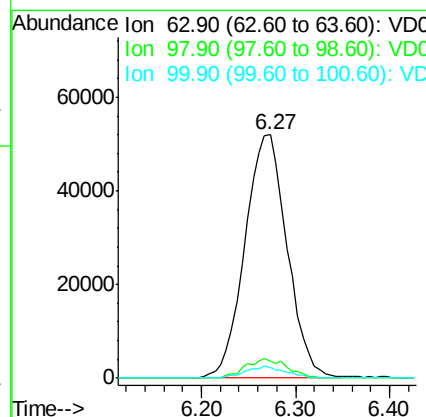
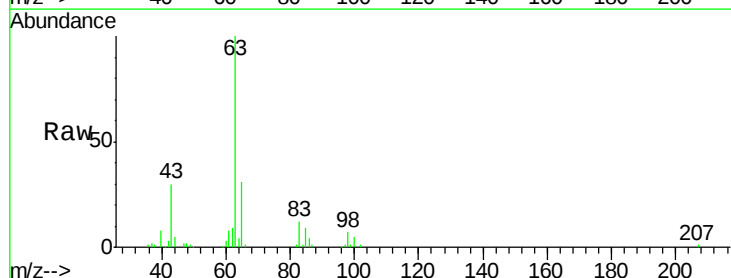
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

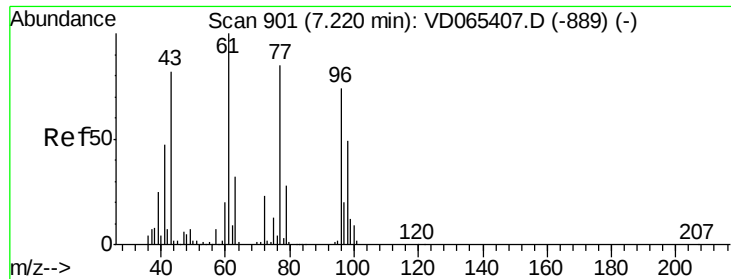
Tgt Ion: 43 Resp: 675465  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 20.74 ug/l  
 RT: 6.27 min Scan# 740  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion: 63 Resp: 161527  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 4.2 12.6  
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 98.07 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

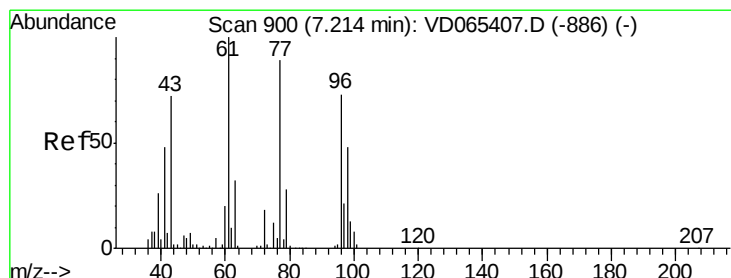
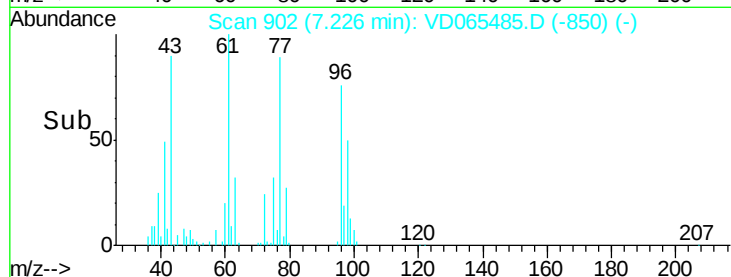
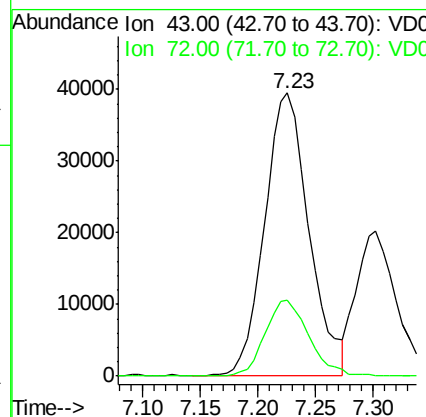
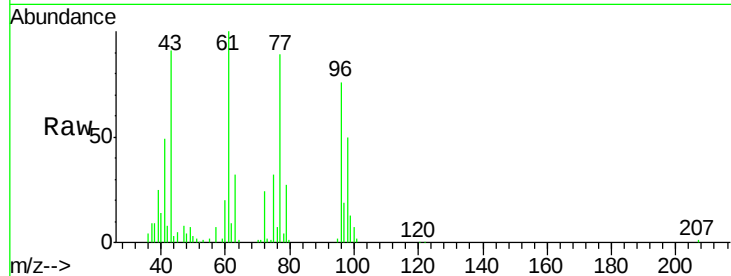
VD0312SBS01

Tgt Ion: 43 Resp: 106127

Ion Ratio Lower Upper

43 100

72 26.7 22.3 33.5



#26

2,2-Dichloropropane

Concen: 20.76 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065485.D

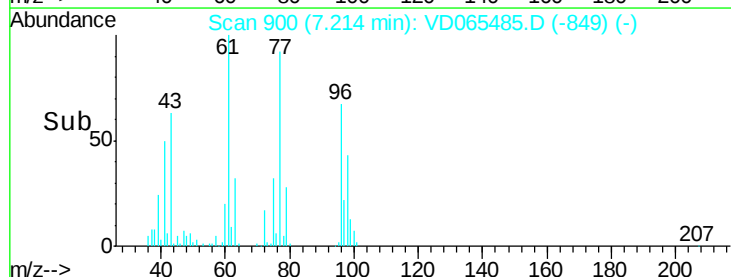
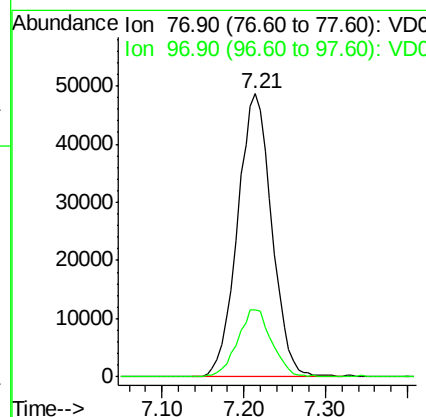
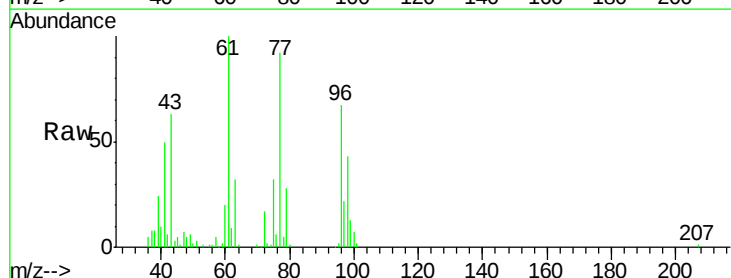
Acq: 12 Mar 2020 11:51

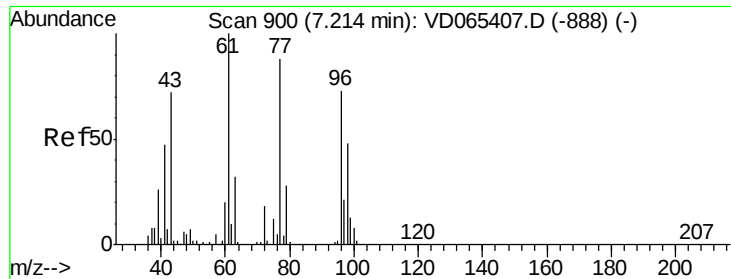
Tgt Ion: 77 Resp: 141283

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 20.68 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

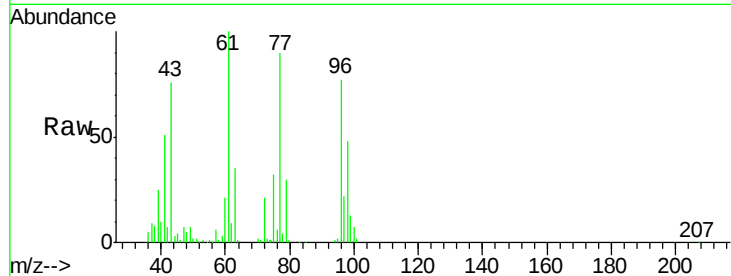
Tgt Ion: 96 Resp: 99959

Ion Ratio Lower Upper

96 100

61 140.6 0.0 280.4

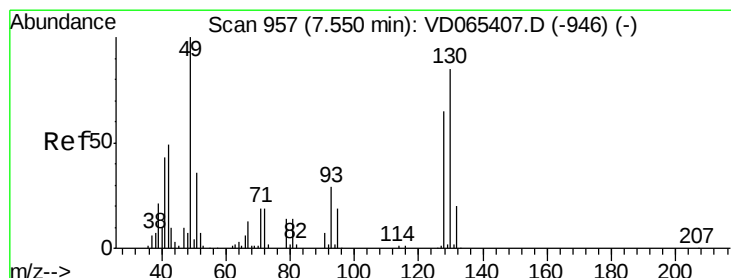
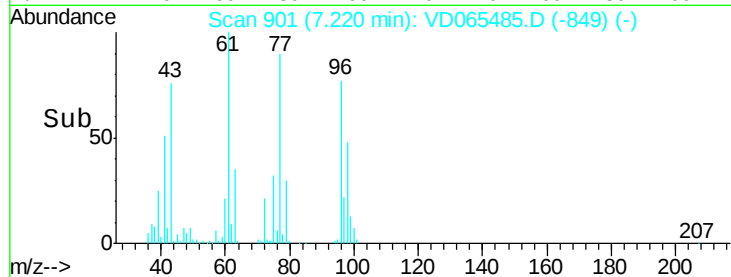
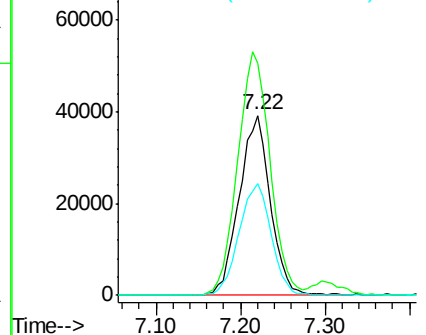
98 63.8 0.0 132.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 20.84 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

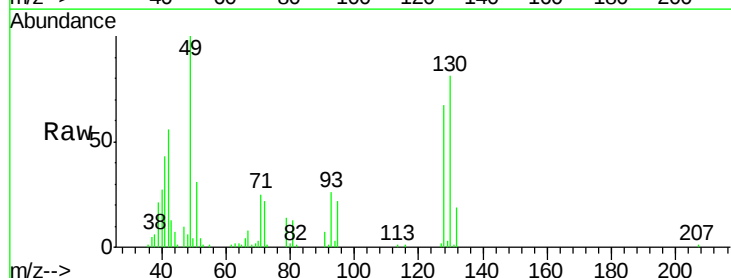
Tgt Ion: 49 Resp: 64918

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

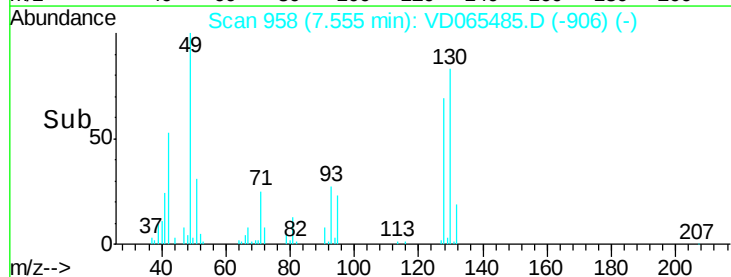
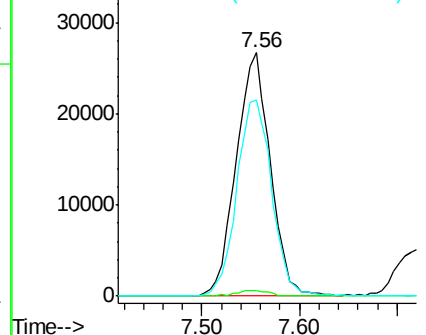
130 83.2 66.6 100.0

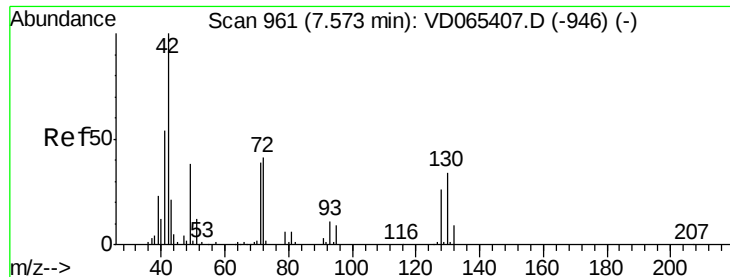


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

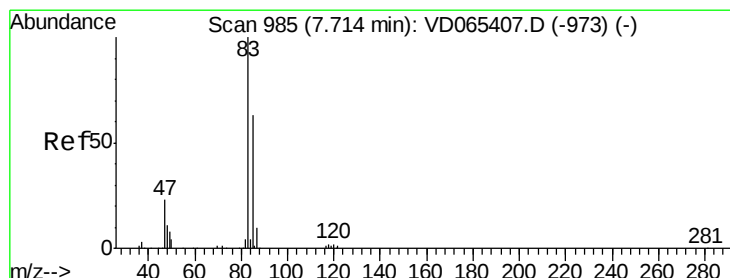
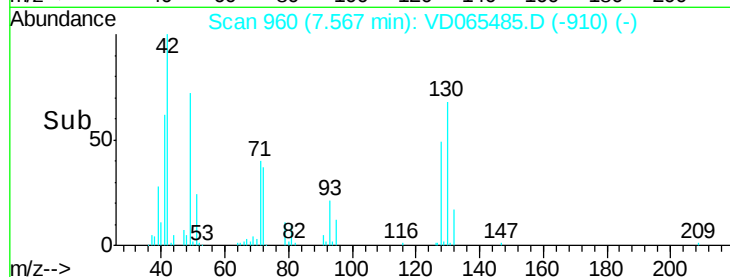
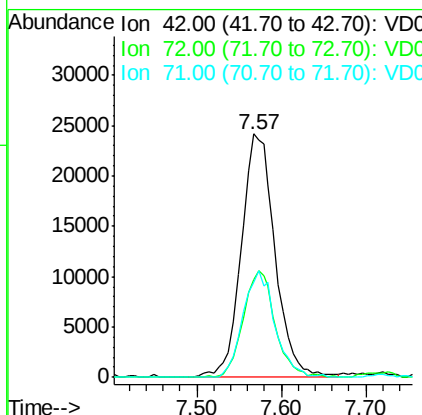
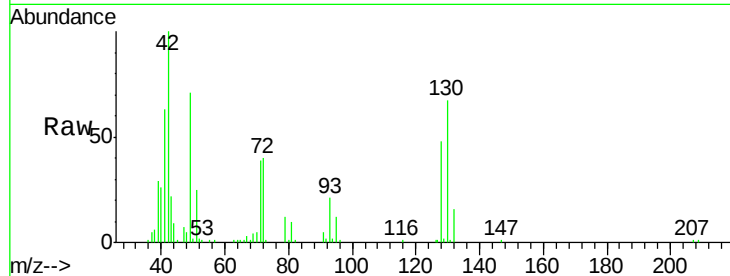




#29  
Tetrahydrofuran  
Concen: 96.87 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

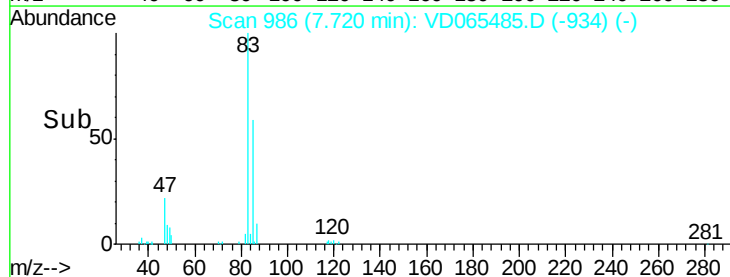
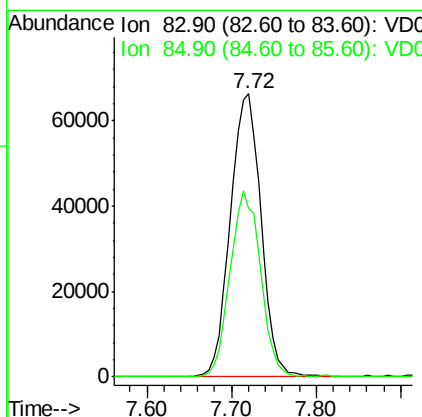
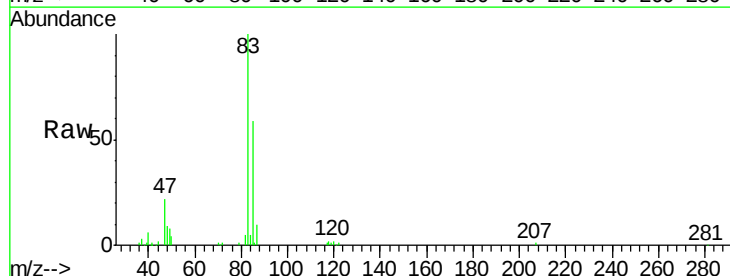
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

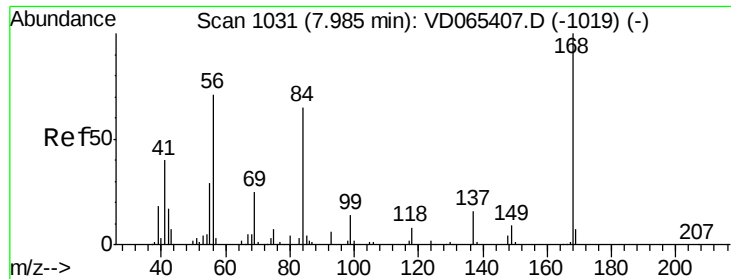
Tgt Ion: 42 Resp: 66943  
Ion Ratio Lower Upper  
42 100  
72 41.6 33.0 49.6  
71 41.4 32.0 48.0



#30  
Chloroform  
Concen: 21.38 ug/l  
RT: 7.72 min Scan# 986  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 83 Resp: 166384  
Ion Ratio Lower Upper  
83 100  
85 59.4 50.3 75.5

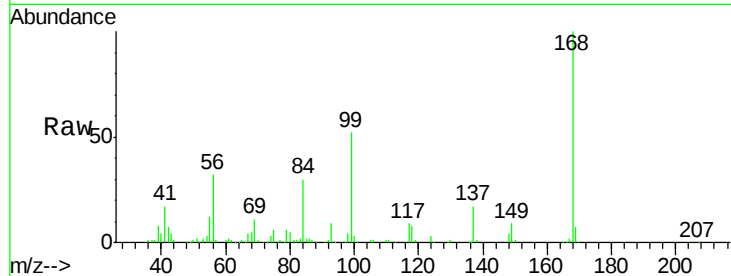




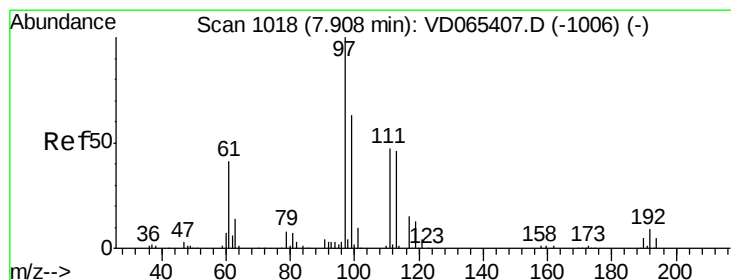
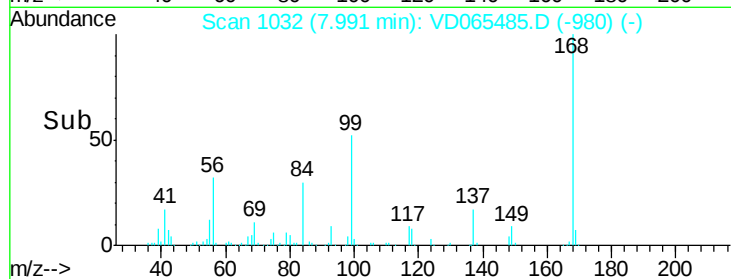
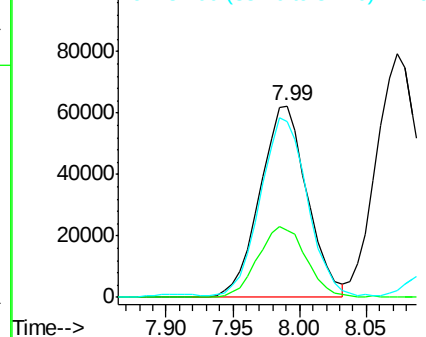
#31  
Cyclohexane  
Concen: 19.68 ug/l  
RT: 7.99 min Scan# 1032  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

Tgt Ion: 56 Resp: 153264  
Ion Ratio Lower Upper  
56 100  
69 35.0 28.3 42.5  
84 90.4 73.1 109.7

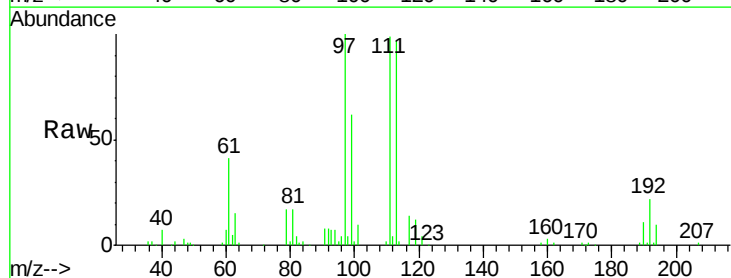


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

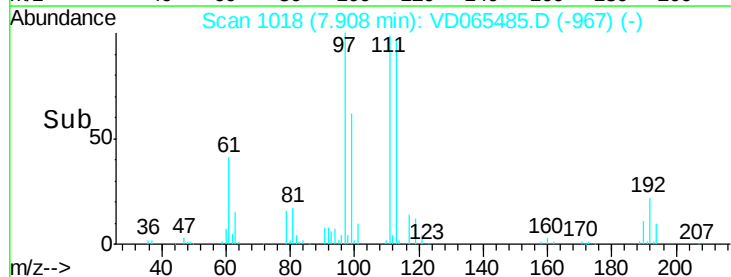
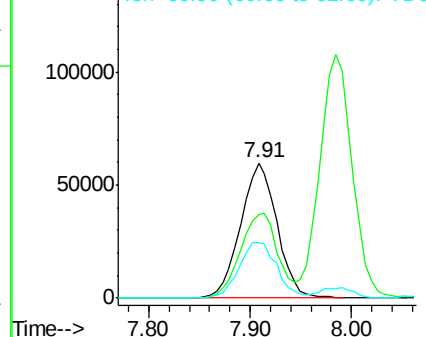


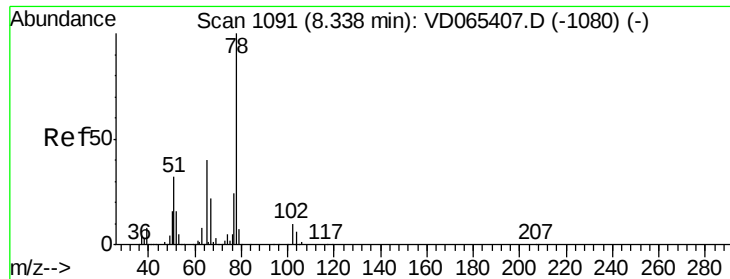
#32  
1,1,1-Trichloroethane  
Concen: 20.65 ug/l  
RT: 7.91 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 97 Resp: 148497  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.9 76.3  
61 42.8 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC

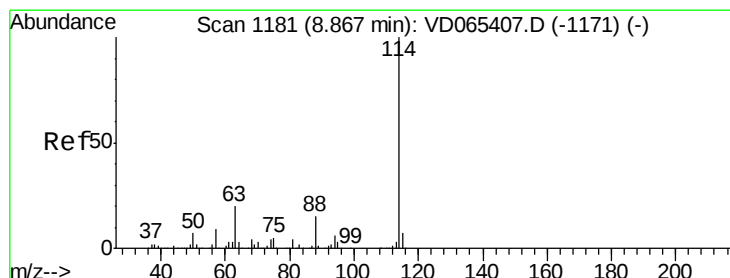
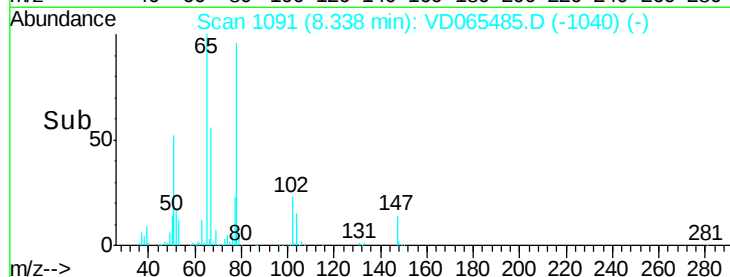
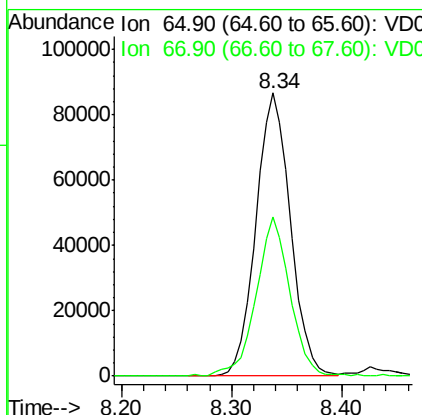
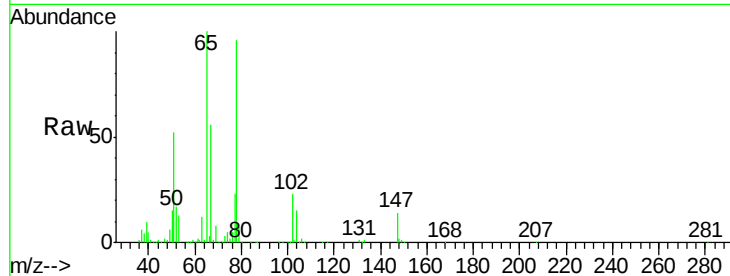




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.48 ug/l  
 RT: 8.34 min Scan# 1091  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

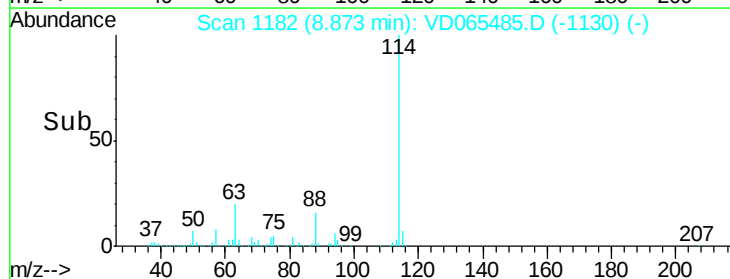
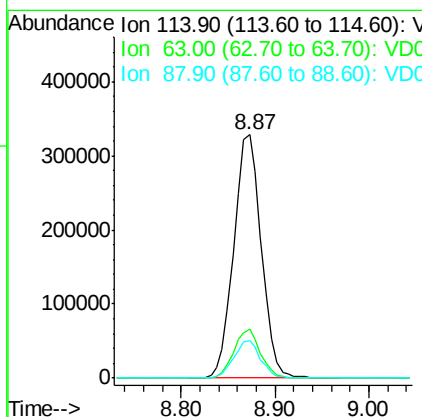
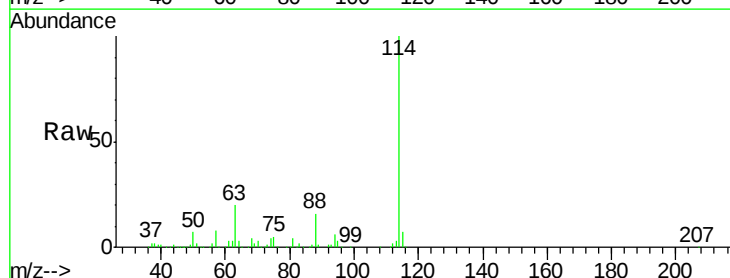
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

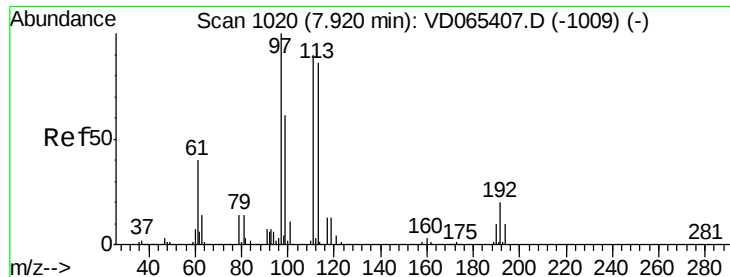
Tgt Ion: 65 Resp: 190073  
 Ion Ratio Lower Upper  
 65 100  
 67 55.1 0.0 108.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.87 min Scan# 1182  
 Delta R.T. 0.01 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion: 114 Resp: 667834  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 39.6  
 88 15.6 0.0 30.4

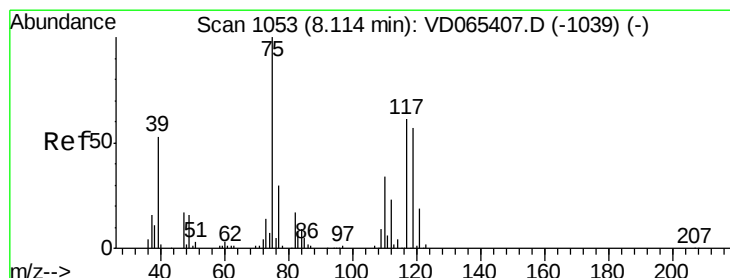
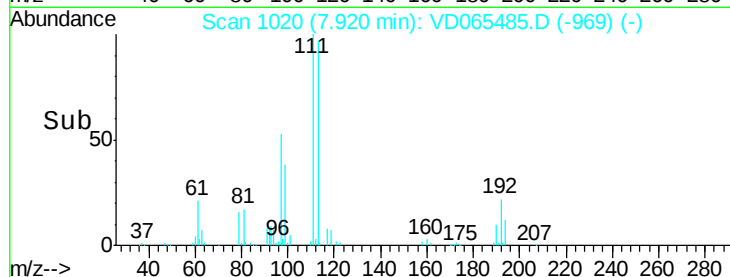
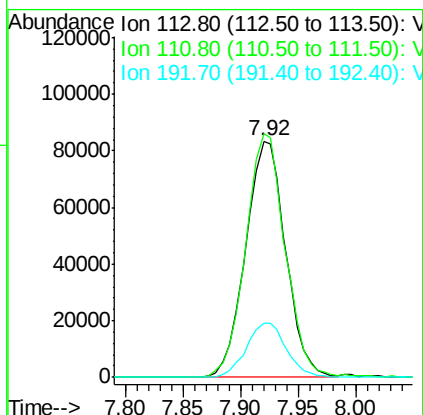
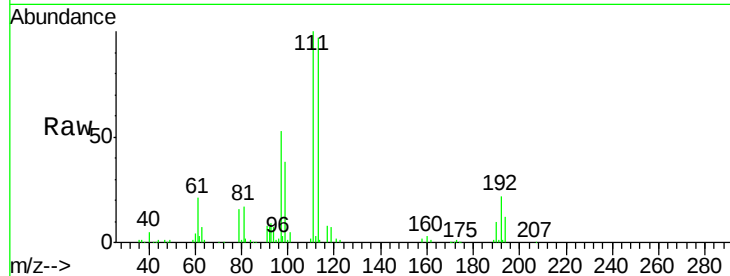




#35  
Dibromofluoromethane  
Concen: 48.74 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

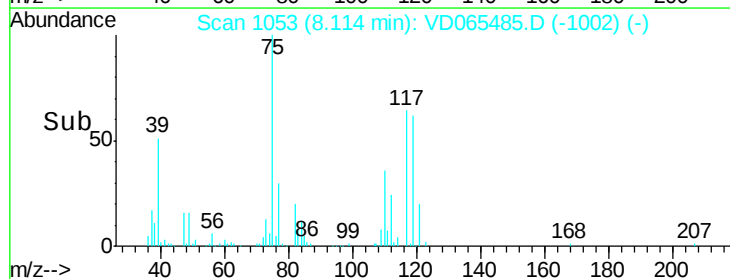
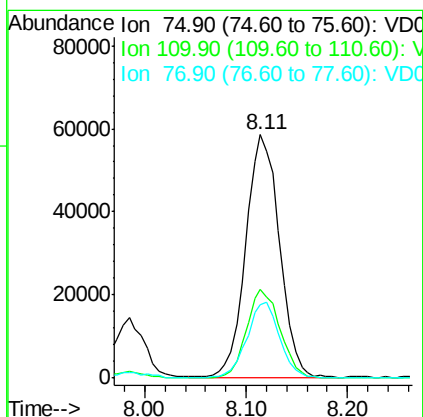
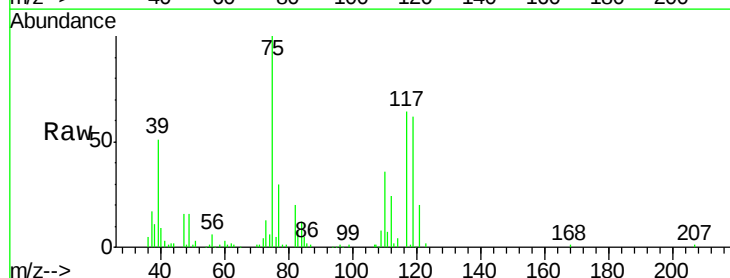
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

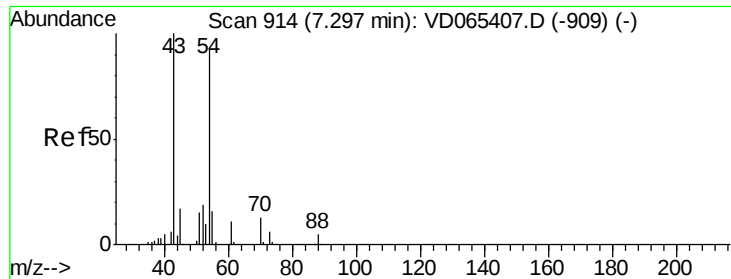
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 82.1  | 123.1 |
| 192     | 22.9  | 17.2  | 25.8  |



#36  
1,1-Dichloropropene  
Concen: 21.12 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.4  | 18.1  | 54.1  |
| 77      | 30.6  | 25.2  | 37.8  |

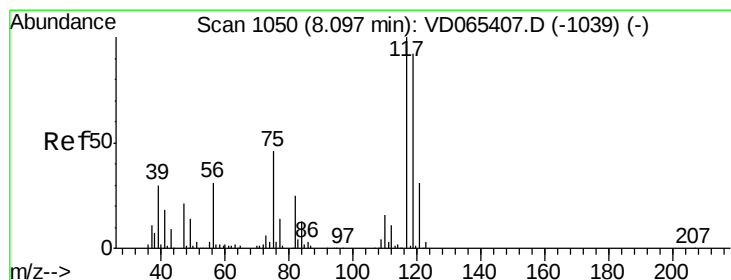
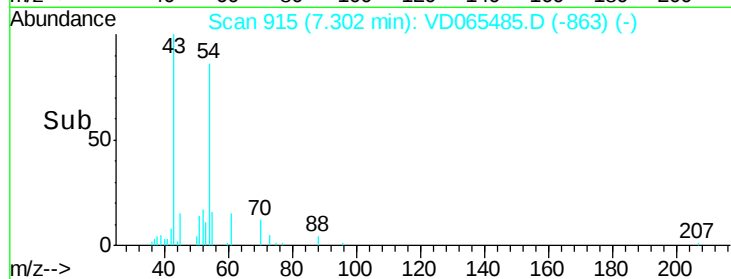
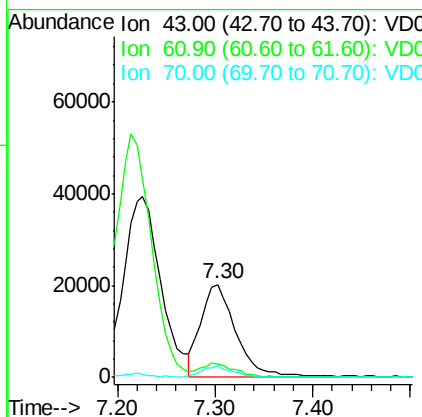
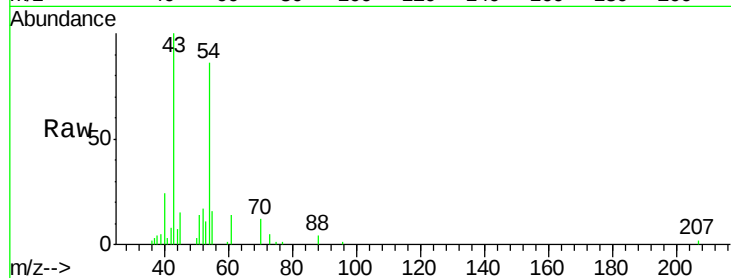




#37  
Ethyl Acetate  
Concen: 20.05 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

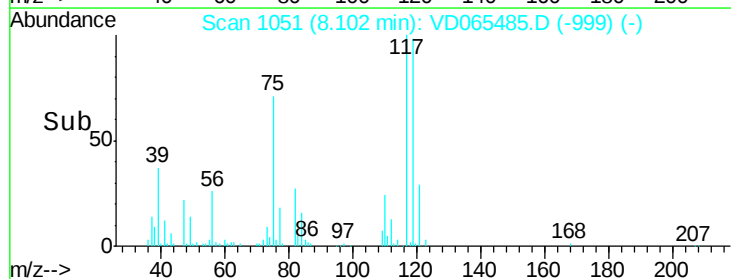
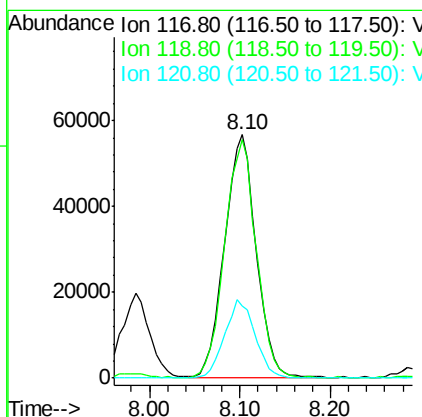
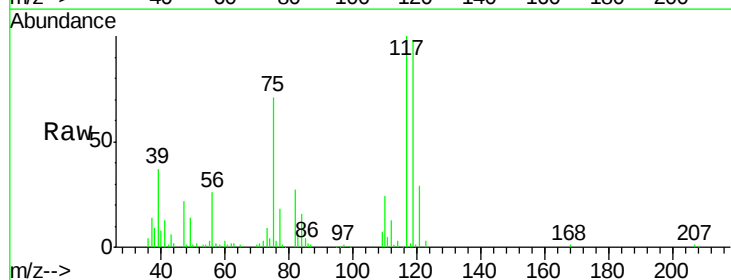
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

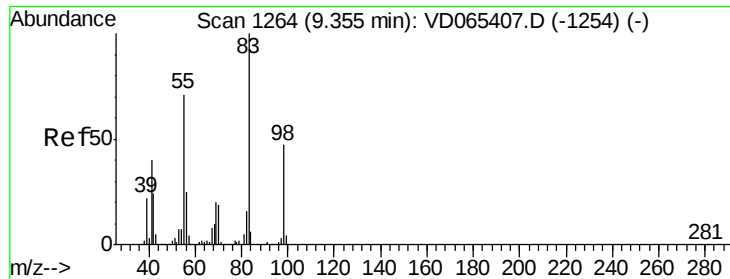
Tgt Ion: 43 Resp: 49612  
Ion Ratio Lower Upper  
43 100  
61 15.0 11.4 17.0  
70 11.2 9.0 13.4



#38  
Carbon Tetrachloride  
Concen: 20.79 ug/l  
RT: 8.10 min Scan# 1051  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 117 Resp: 137999  
Ion Ratio Lower Upper  
117 100  
119 97.7 73.3 109.9  
121 29.4 25.0 37.4

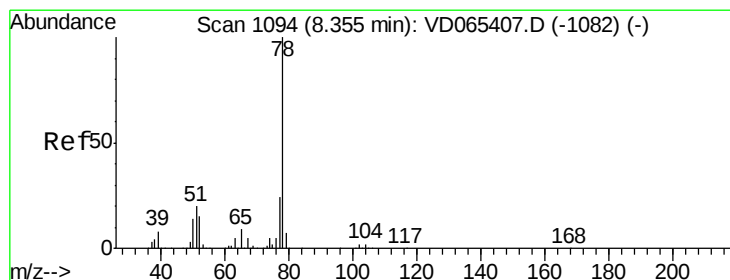
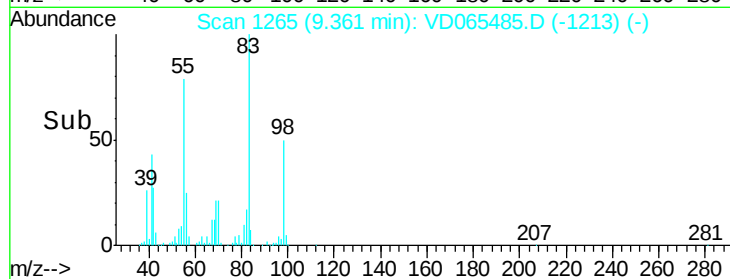
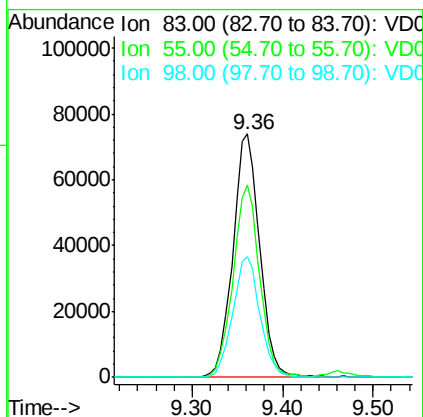
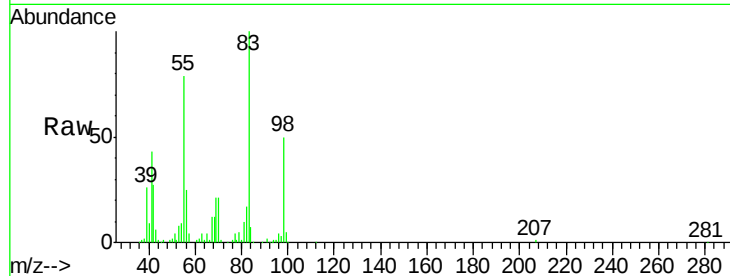




#39  
Methylcyclohexane  
Concen: 19.65 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

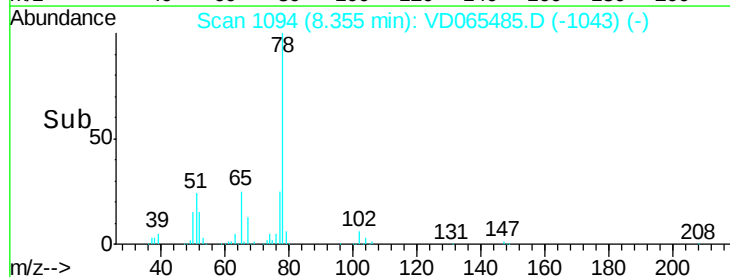
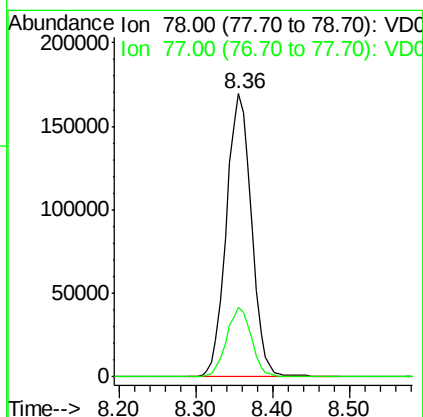
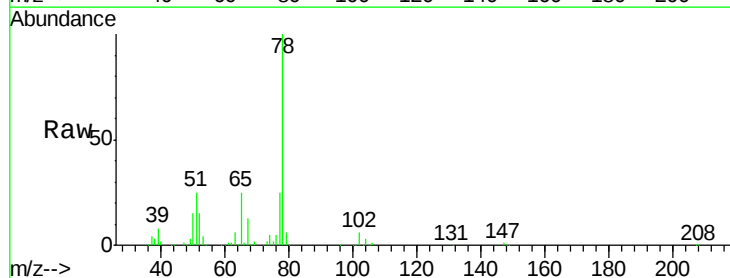
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

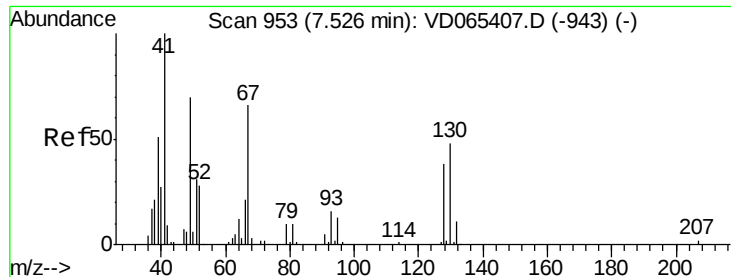
Tgt Ion: 83 Resp: 151904  
Ion Ratio Lower Upper  
83 100  
55 78.8 57.1 85.7  
98 49.6 37.8 56.8



#40  
Benzene  
Concen: 21.63 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 78 Resp: 387143  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.4 29.0

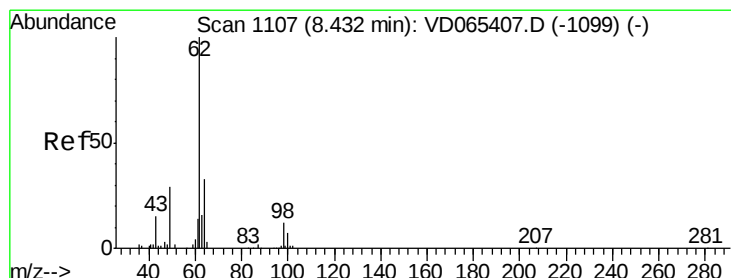
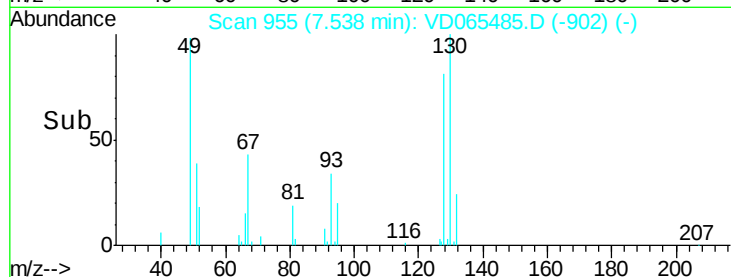
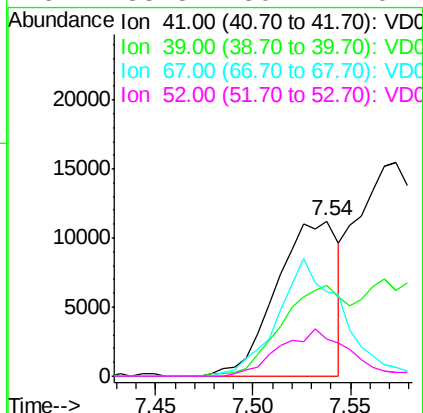
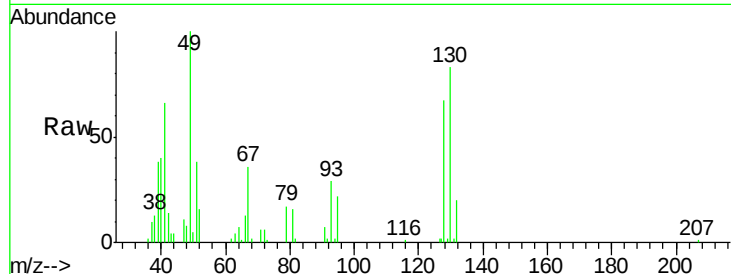




#41  
Methacrylonitrile  
Concen: 18.90 ug/l  
RT: 7.54 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

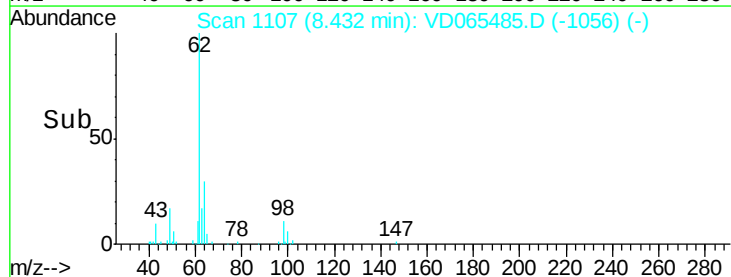
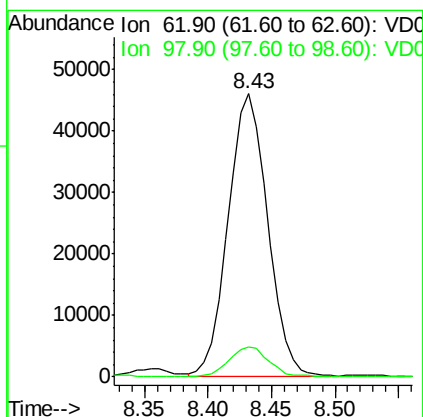
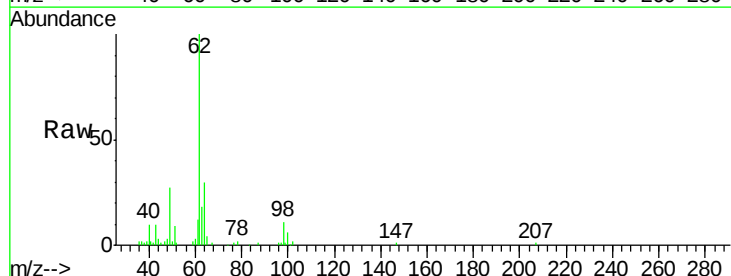
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

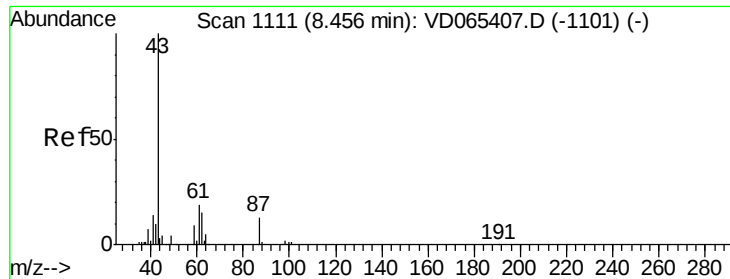
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24738 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 62.0  | 55.0  | 82.6  |
| 67       | 78.2  | 70.3  | 105.5 |
| 52       | 33.8  | 30.7  | 46.1  |



#42  
1,2-Dichloroethane  
Concen: 21.25 ug/l  
RT: 8.43 min Scan# 1107  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 99305 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.8  | 0.0   | 21.4  |





#43

Isopropyl Acetate

Concen: 19.42 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

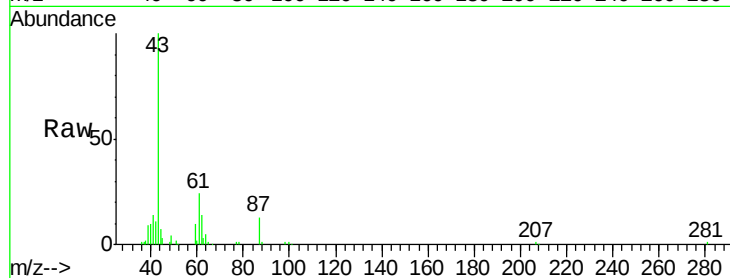
Tgt Ion: 43 Resp: 88746

Ion Ratio Lower Upper

43 100

61 33.7 25.0 37.6

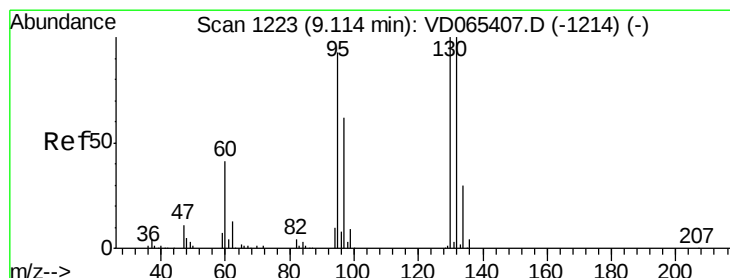
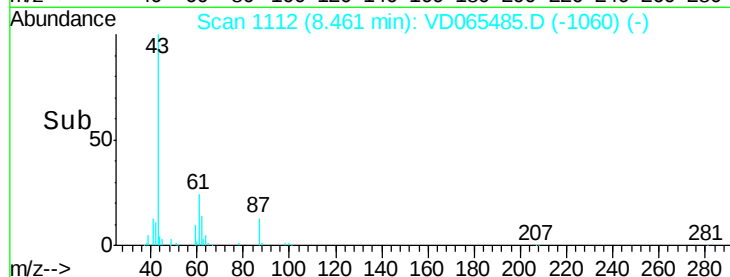
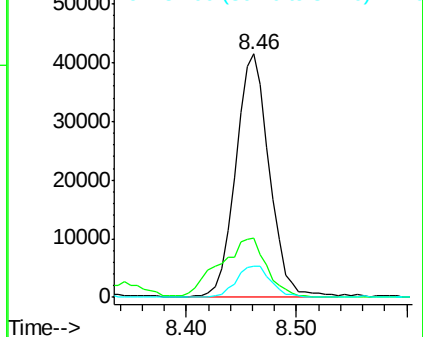
87 13.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.01 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065485.D

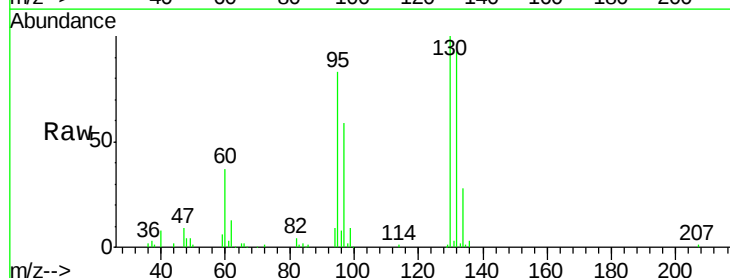
Acq: 12 Mar 2020 11:51

Tgt Ion: 130 Resp: 106189

Ion Ratio Lower Upper

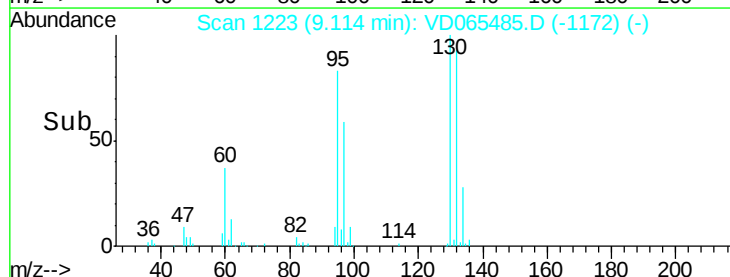
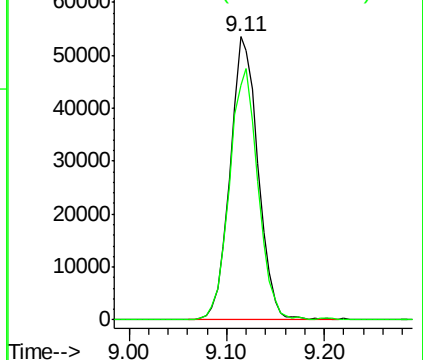
130 100

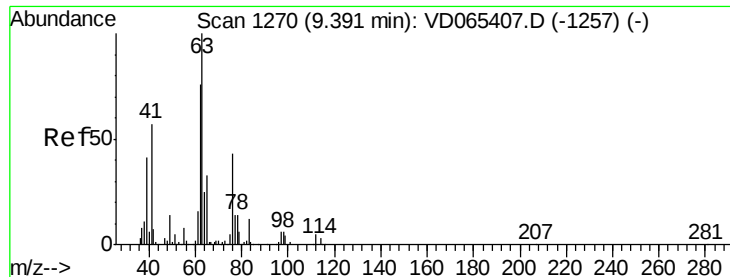
95 82.9 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

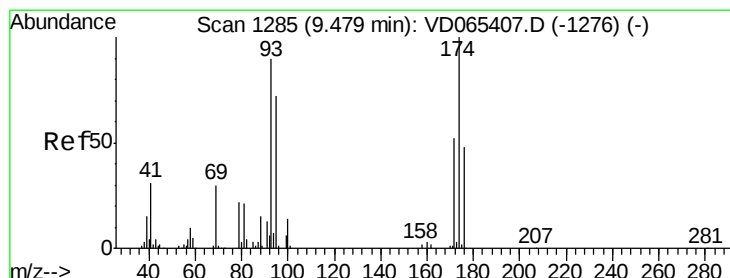
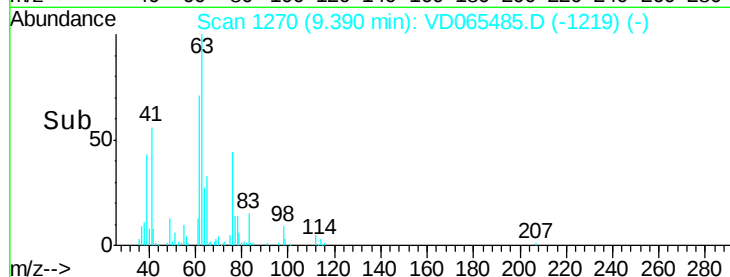
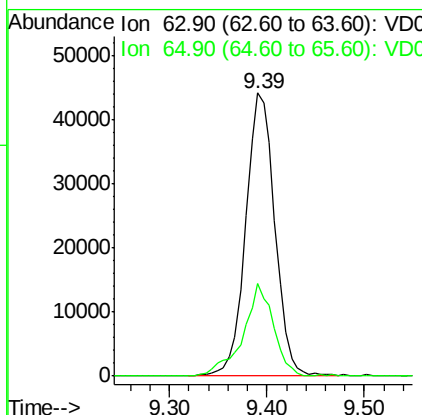
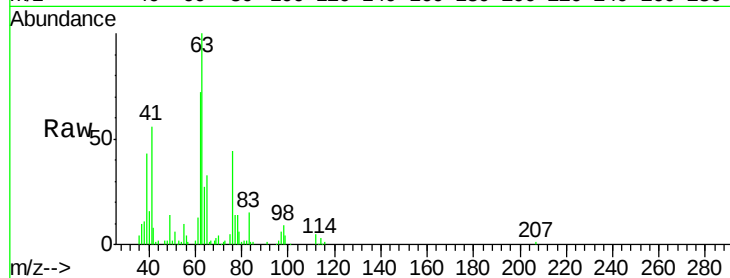




#45  
 1,2-Dichloropropane  
 Concen: 21.36 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

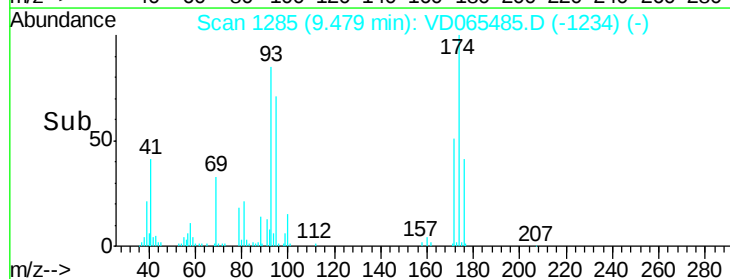
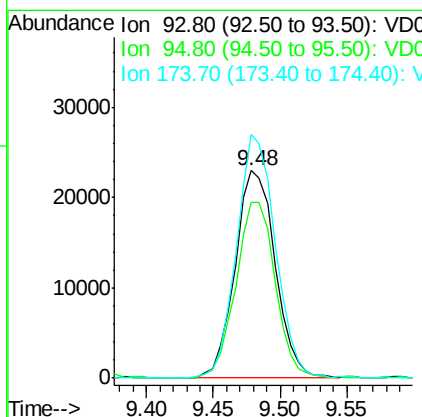
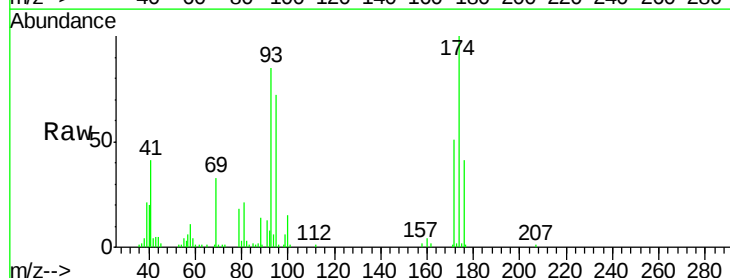
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

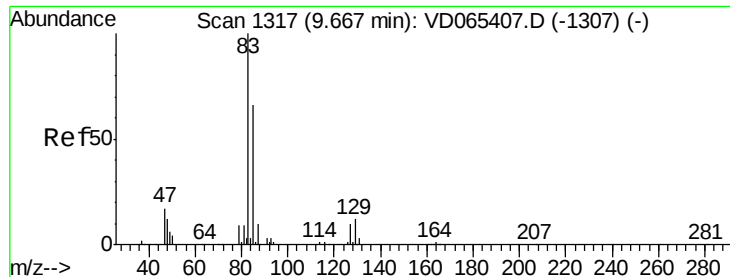
Tgt Ion: 63 Resp: 92617  
 Ion Ratio Lower Upper  
 63 100  
 65 32.6 26.4 39.6



#46  
 Dibromomethane  
 Concen: 21.30 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion: 93 Resp: 47901  
 Ion Ratio Lower Upper  
 93 100  
 95 83.4 65.0 97.6  
 174 113.3 88.3 132.5





#47

Bromodichloromethane

Concen: 21.25 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

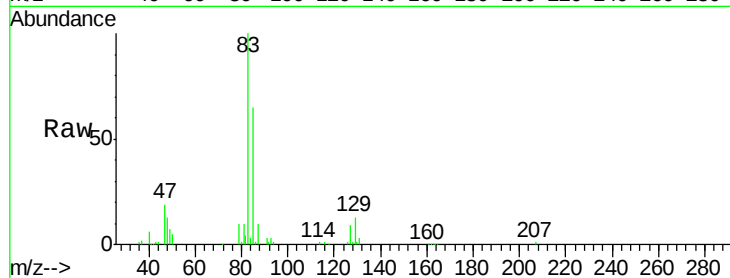
Tgt Ion: 83 Resp: 124300

Ion Ratio Lower Upper

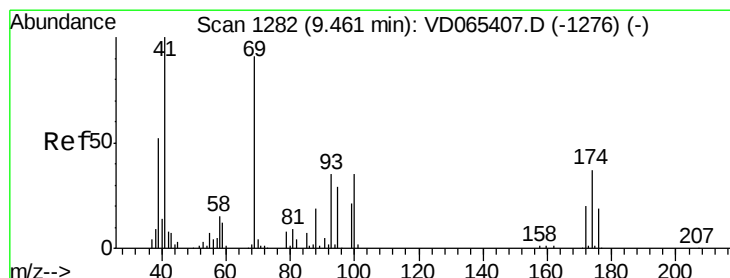
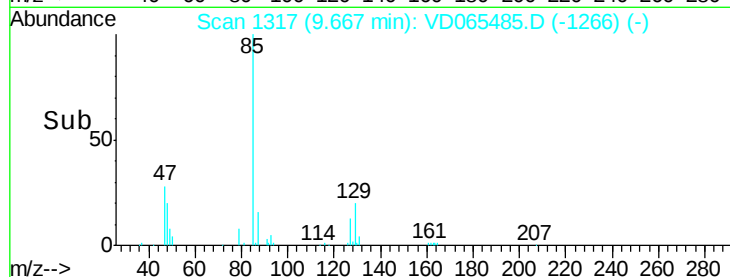
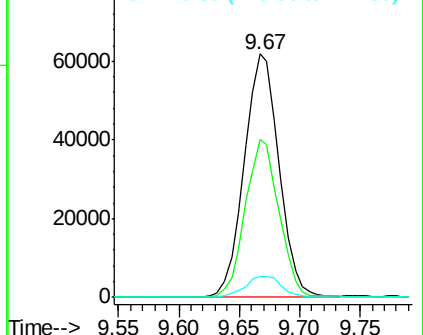
83 100

85 65.0 52.8 79.2

127 8.7 8.0 12.0



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.95 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

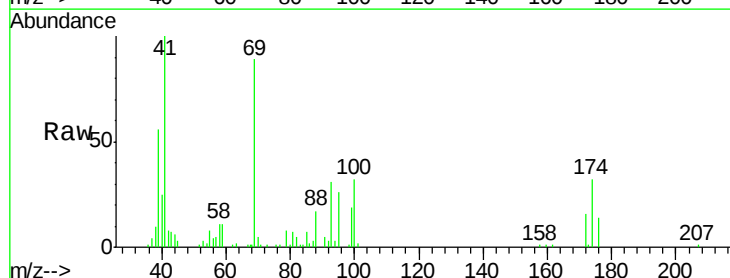
Tgt Ion: 41 Resp: 40726

Ion Ratio Lower Upper

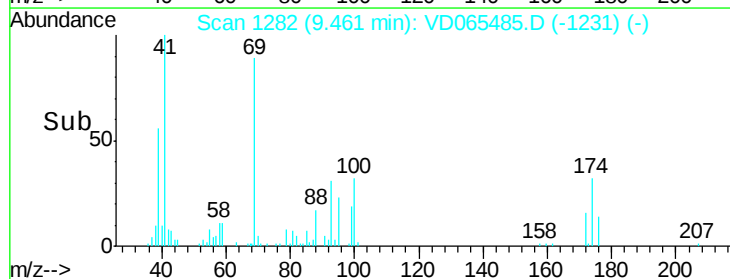
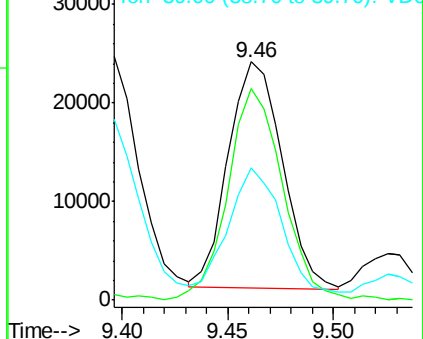
41 100

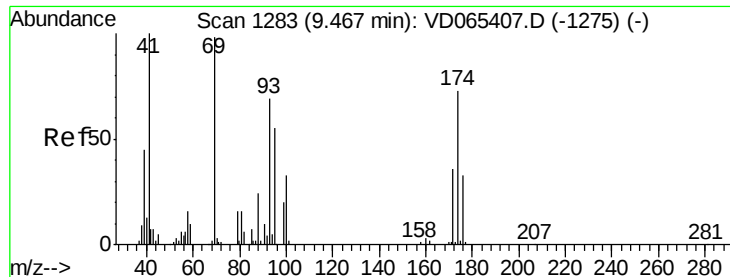
69 95.5 72.5 108.7

39 53.0 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC

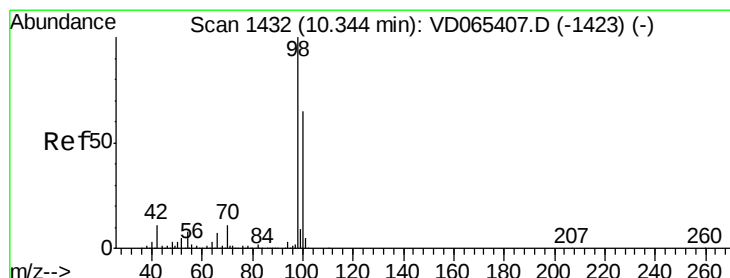
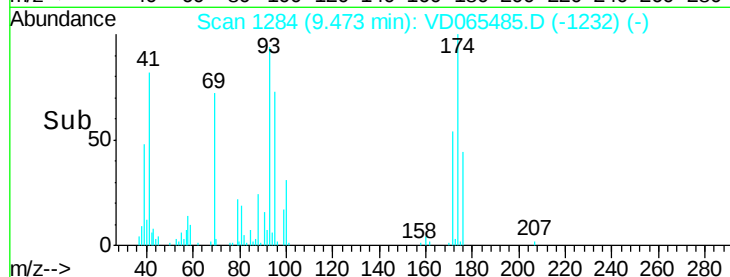
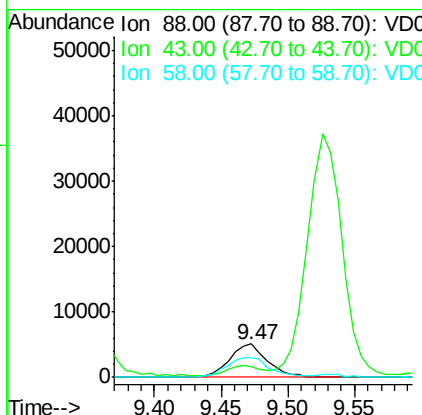
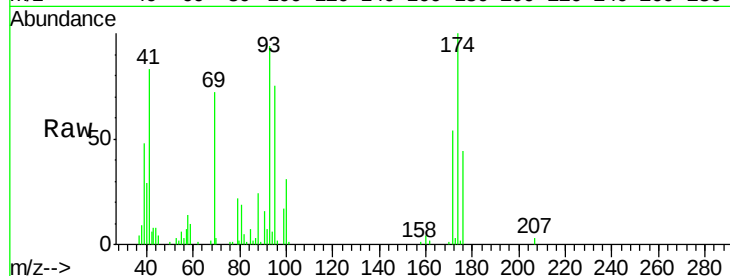




#49  
1,4-Dioxane  
Concen: 391.81 ug/l  
RT: 9.47 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

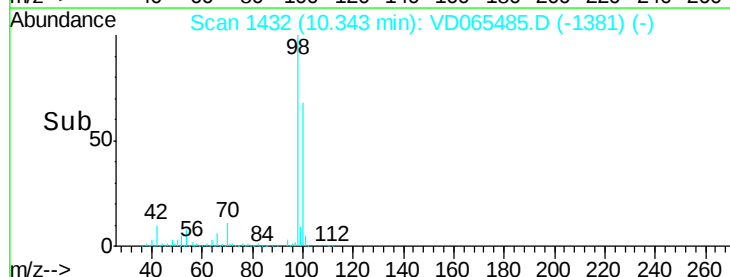
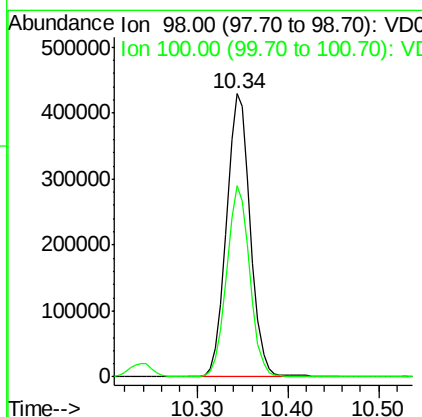
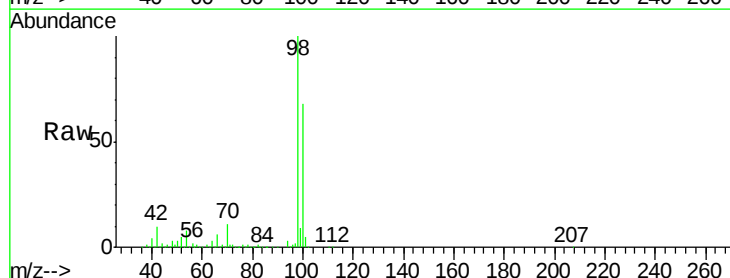
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

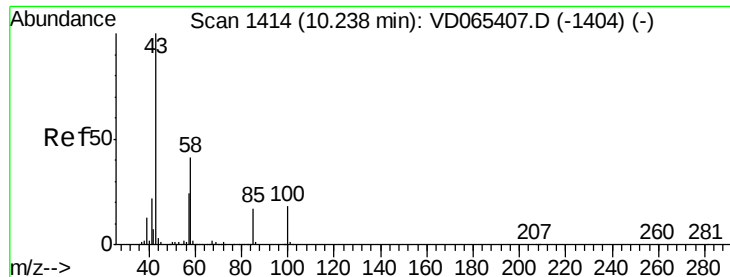
Tgt Ion: 88 Resp: 10079  
Ion Ratio Lower Upper  
88 100  
43 29.4 24.5 36.7  
58 68.4 54.5 81.7



#50  
Toluene-d8  
Concen: 49.35 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 98 Resp: 781934  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.8 79.2

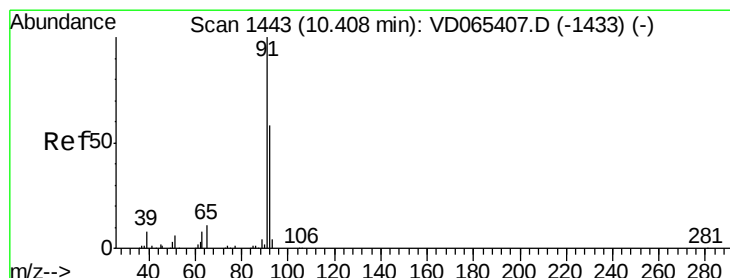
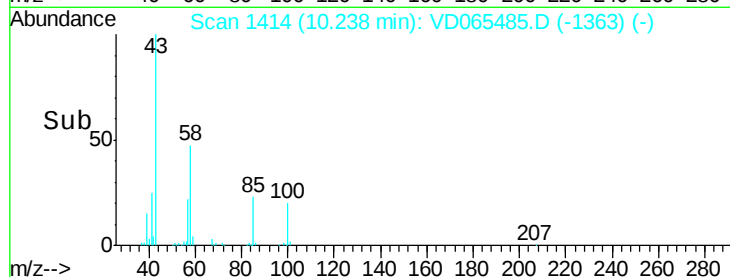
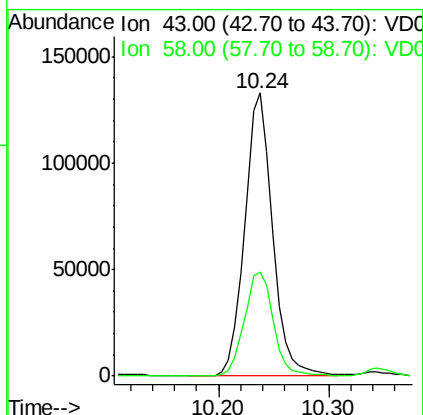
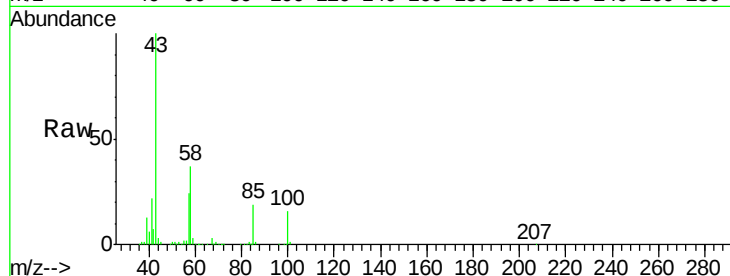




#51  
 4-Methyl-2-Pentanone  
 Concen: 102.94 ug/l  
 RT: 10.24 min Scan# 1414  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

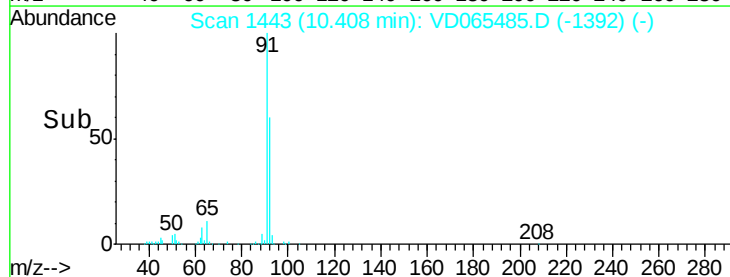
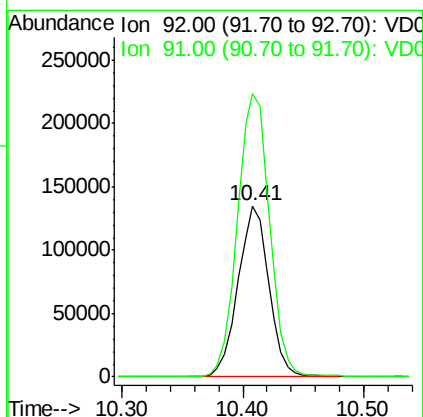
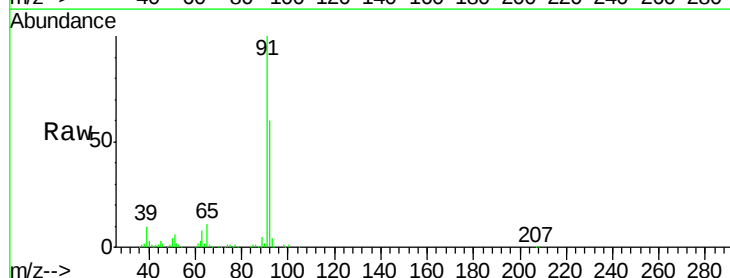
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

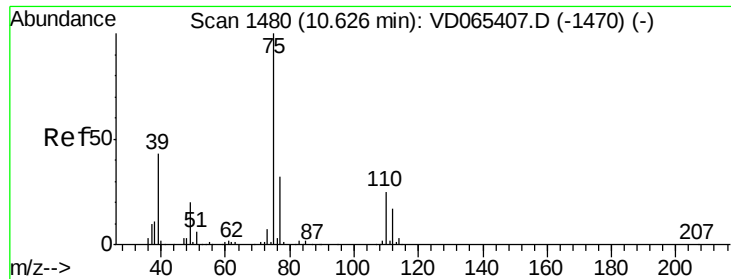
Tgt Ion: 43 Resp: 236671  
 Ion Ratio Lower Upper  
 43 100  
 58 38.2 31.8 47.6



#52  
 Toluene  
 Concen: 21.35 ug/l  
 RT: 10.41 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion: 92 Resp: 240763  
 Ion Ratio Lower Upper  
 92 100  
 91 173.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 20.47 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

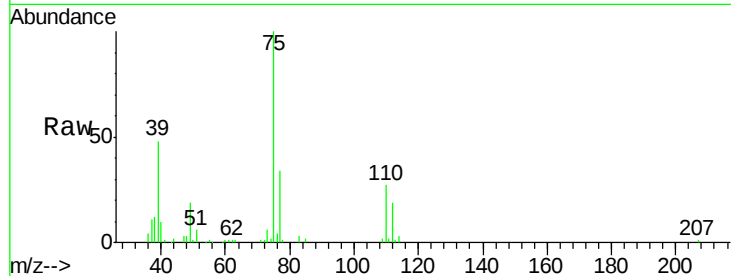
VD0312SBS01

Tgt Ion: 75 Resp: 111918

Ion Ratio Lower Upper

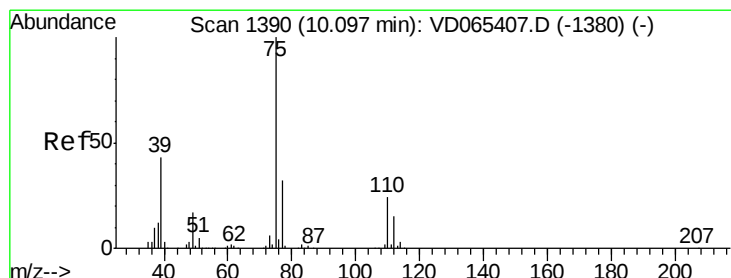
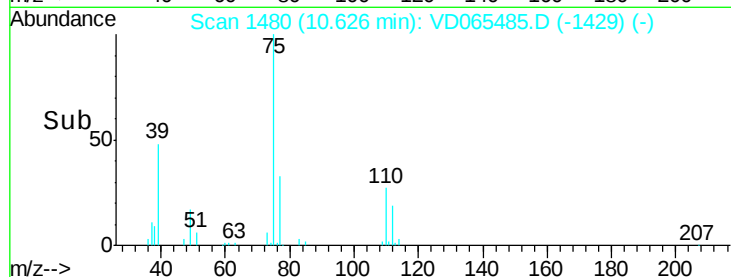
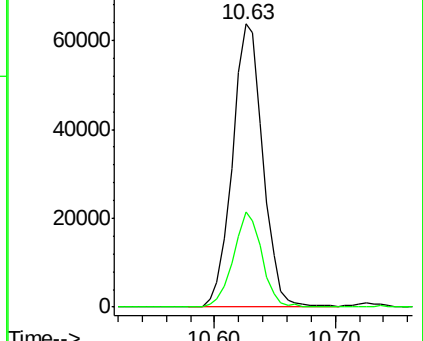
75 100

77 33.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.78 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

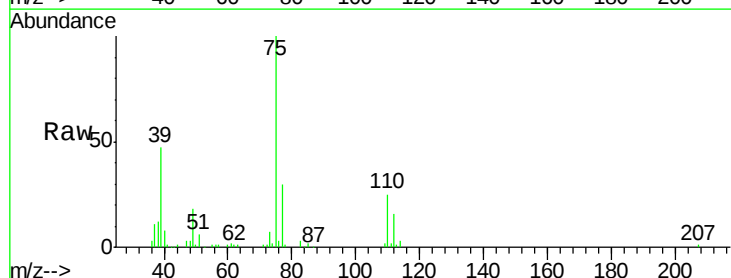
Tgt Ion: 75 Resp: 137492

Ion Ratio Lower Upper

75 100

77 30.1 25.3 37.9

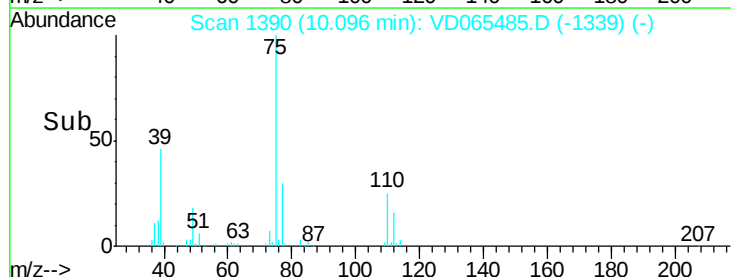
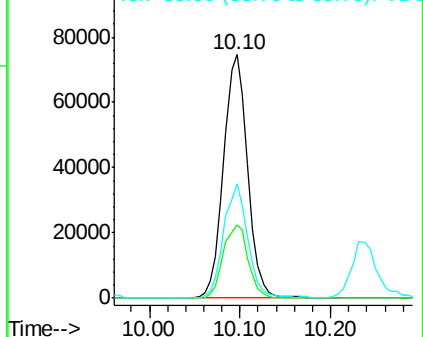
39 46.5 34.6 52.0

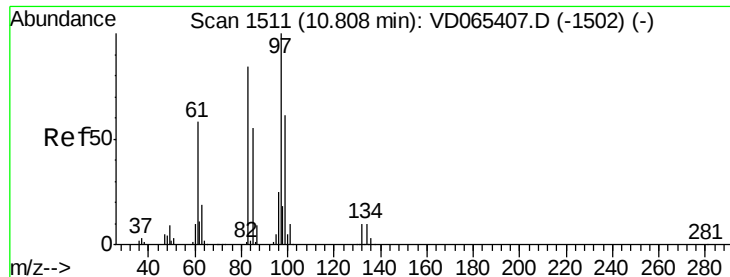


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

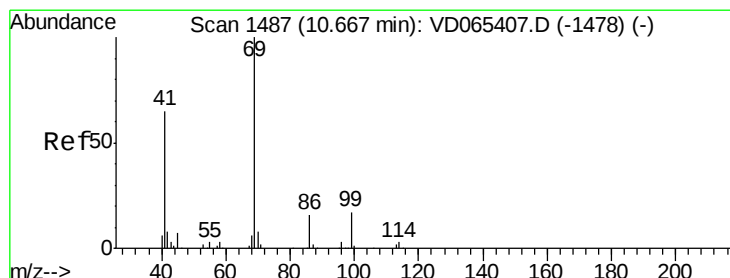
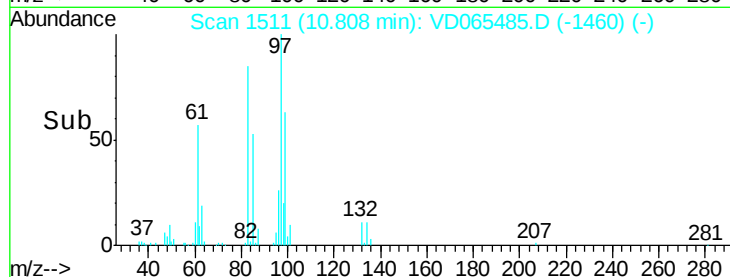
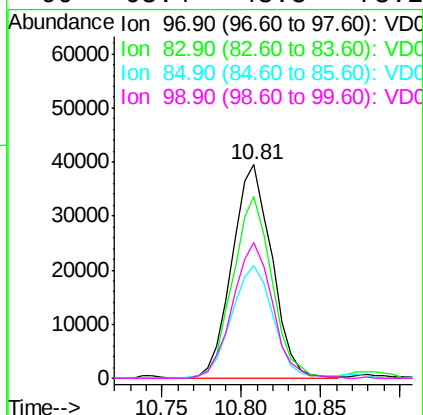
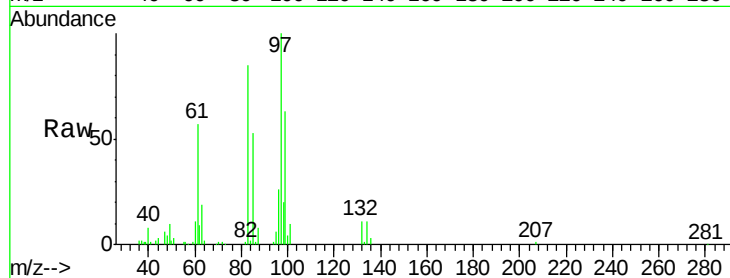




#55  
 1,1,2-Trichloroethane  
 Concen: 21.64 ug/l  
 RT: 10.81 min Scan# 1511  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

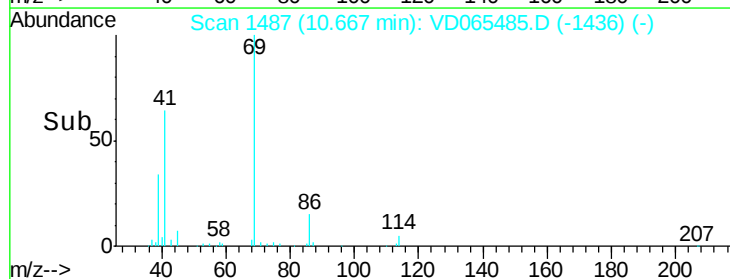
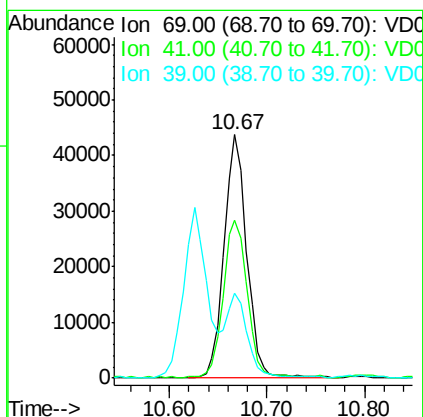
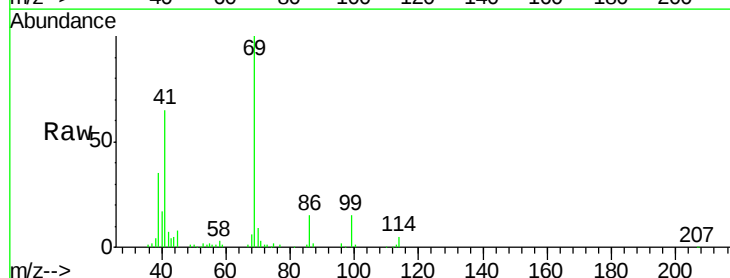
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

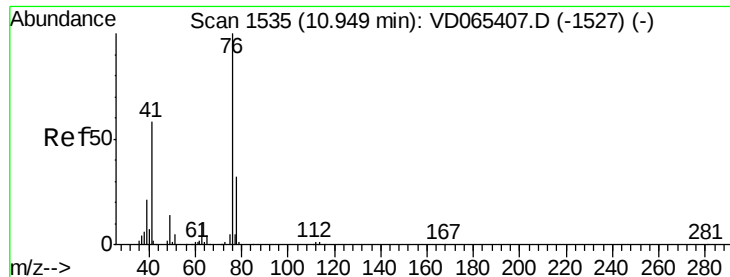
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 68917 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.0  | 67.4  | 101.0 |
| 85       | 52.5  | 43.8  | 65.8  |
| 99       | 63.4  | 48.8  | 73.2  |



#56  
 Ethyl methacrylate  
 Concen: 19.64 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 70519 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 68.4  | 53.0  | 79.6  |
| 39       | 32.6  | 26.0  | 39.0  |

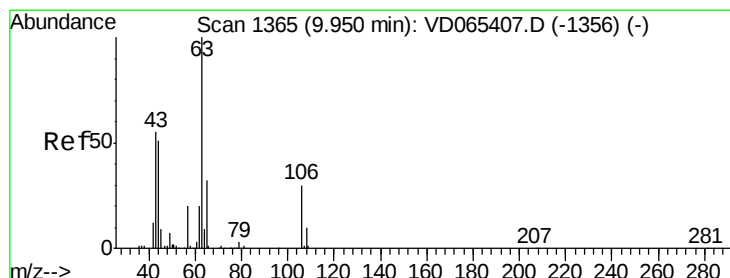
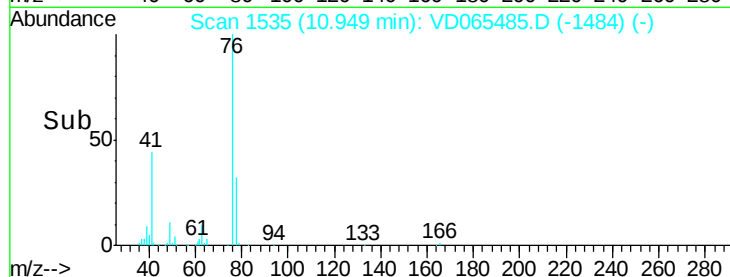
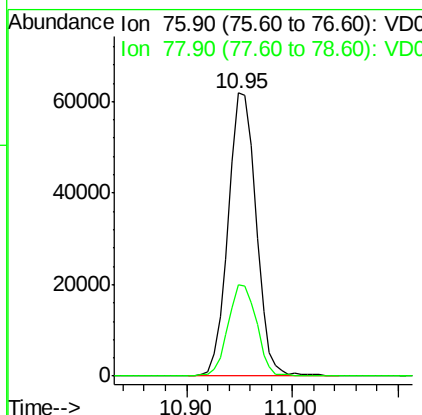
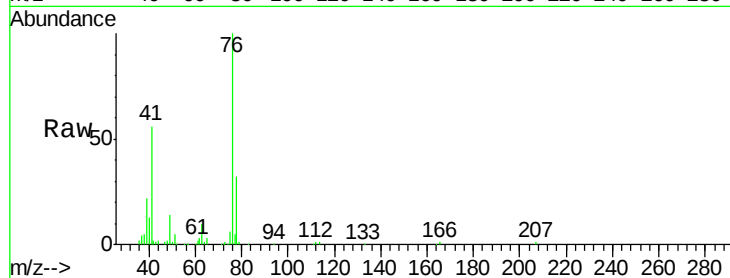




#57  
 1,3-Dichloropropane  
 Concen: 21.00 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

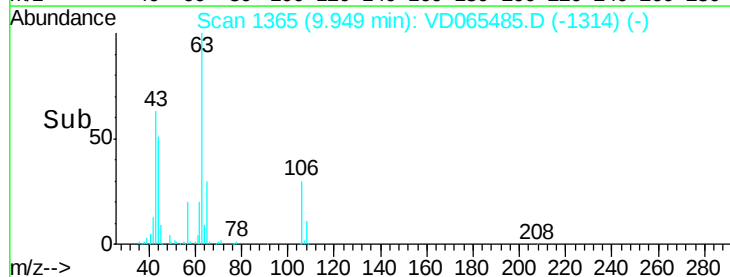
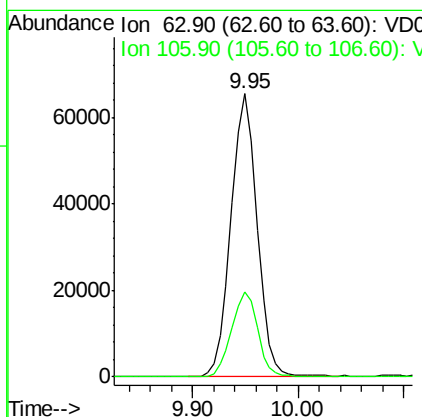
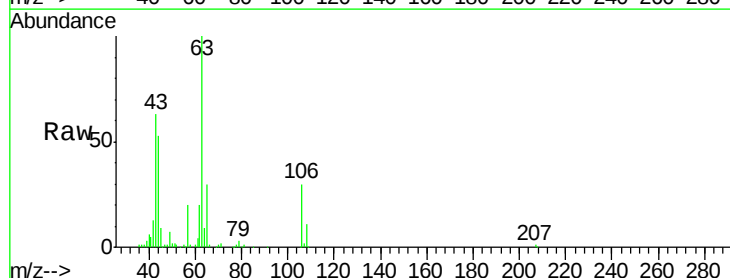
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

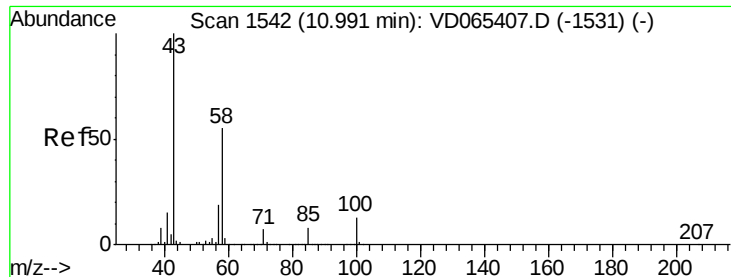
Tgt Ion: 76 Resp: 113162  
 Ion Ratio Lower Upper  
 76 100  
 78 33.1 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.46 ug/l  
 RT: 9.95 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion: 63 Resp: 112400  
 Ion Ratio Lower Upper  
 63 100  
 106 29.8 23.3 34.9

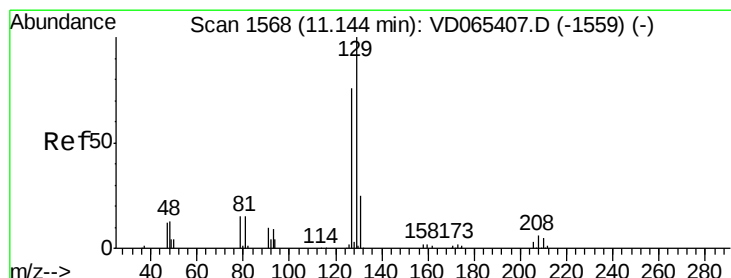
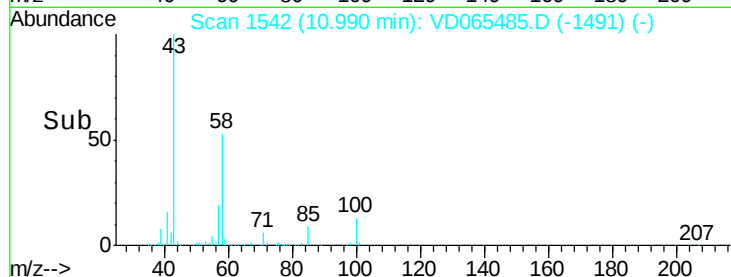
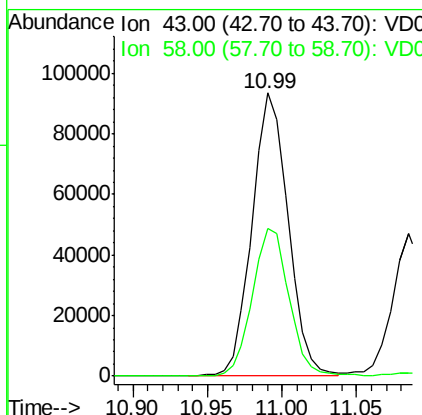
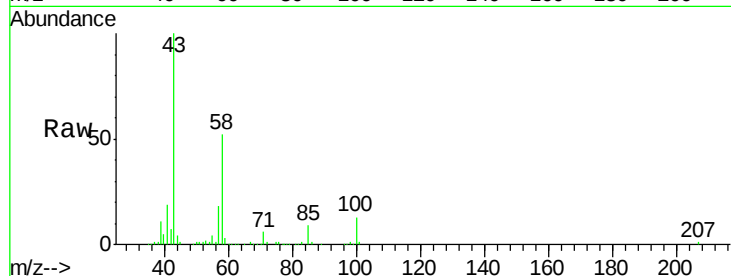




#59  
2-Hexanone  
Concen: 98.48 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

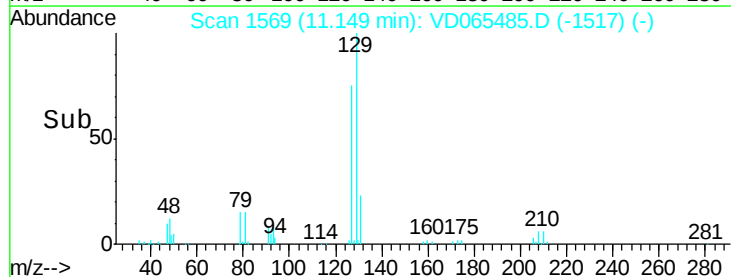
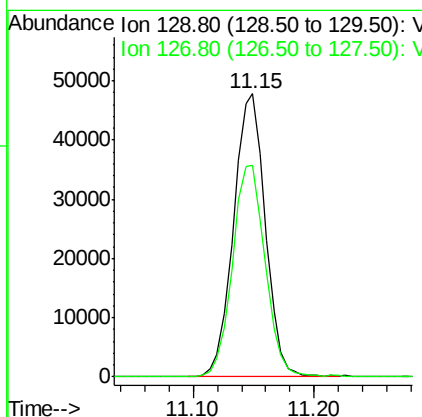
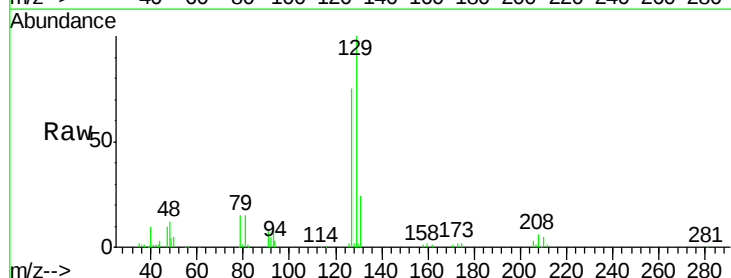
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

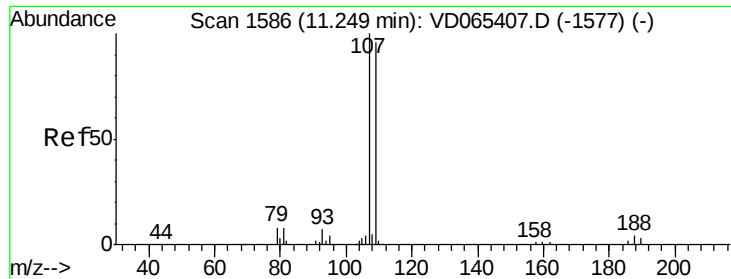
Tgt Ion: 43 Resp: 156734  
Ion Ratio Lower Upper  
43 100  
58 52.9 27.4 82.2



#60  
Dibromochloromethane  
Concen: 21.48 ug/l  
RT: 11.15 min Scan# 1569  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 129 Resp: 87709  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.5 115.5

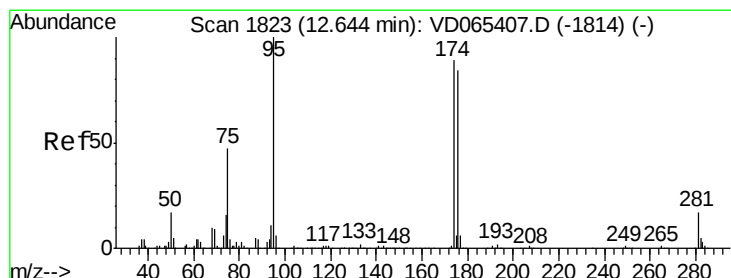
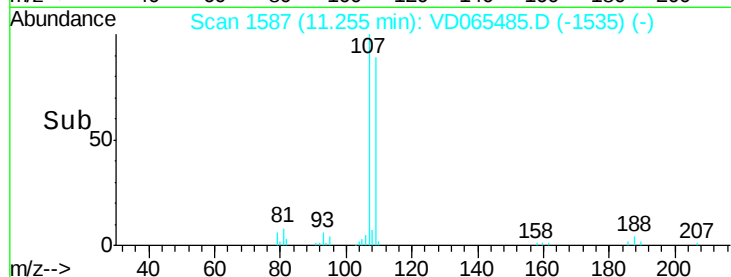
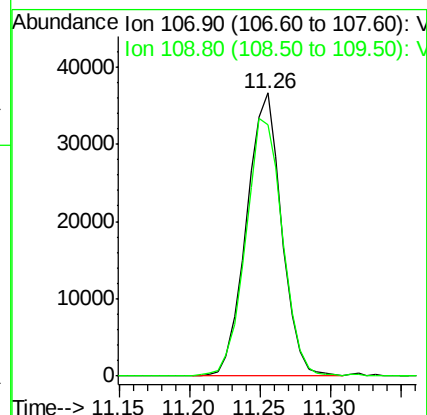
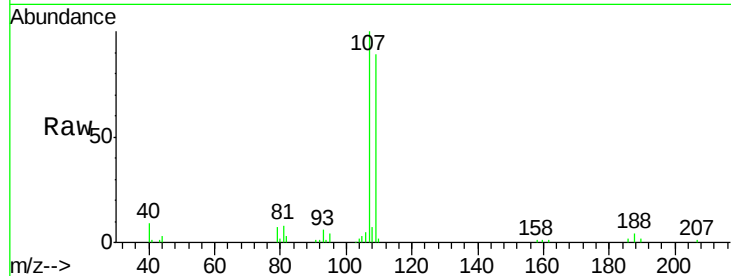




#61  
 1,2-Dibromoethane  
 Concen: 21.03 ug/l  
 RT: 11.26 min Scan# 1587  
 Delta R.T. 0.01 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

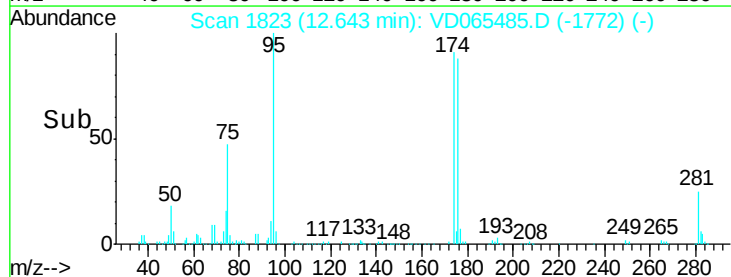
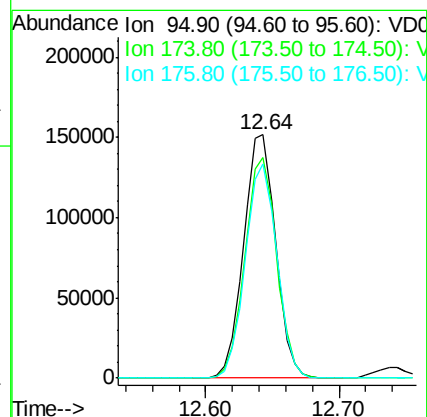
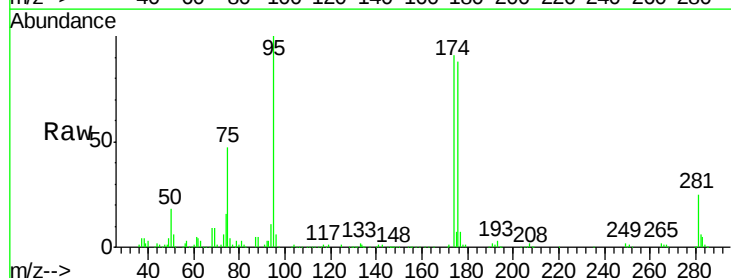
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

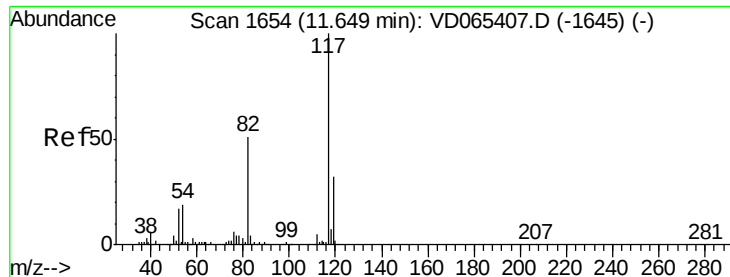
Tgt Ion: 107 Resp: 63886  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 76.8 115.2



#62  
 4-Bromofluorobenzene  
 Concen: 51.25 ug/l  
 RT: 12.64 min Scan# 1823  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion: 95 Resp: 250684  
 Ion Ratio Lower Upper  
 95 100  
 174 89.9 0.0 176.8  
 176 87.0 0.0 171.4

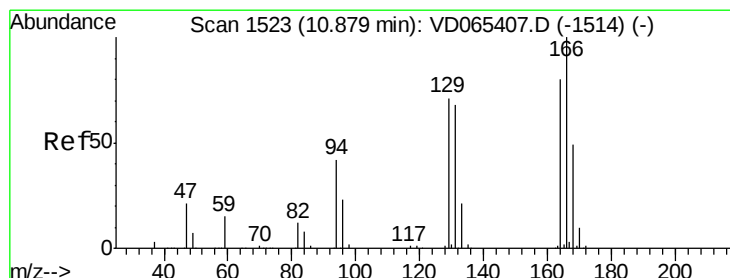
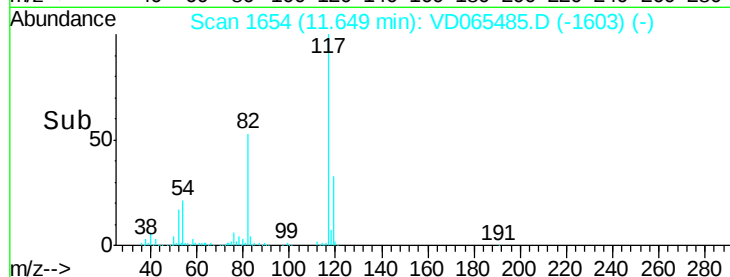
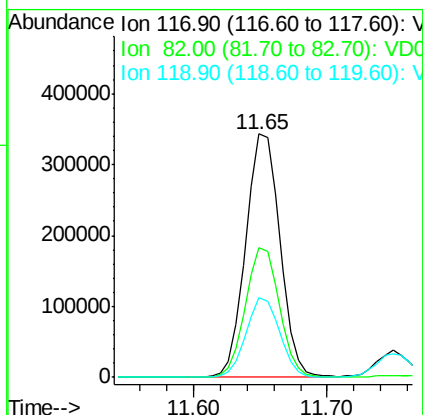
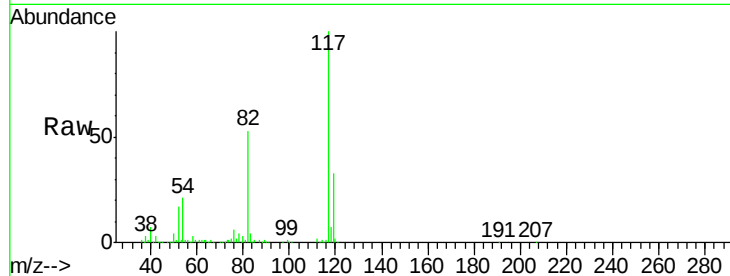




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

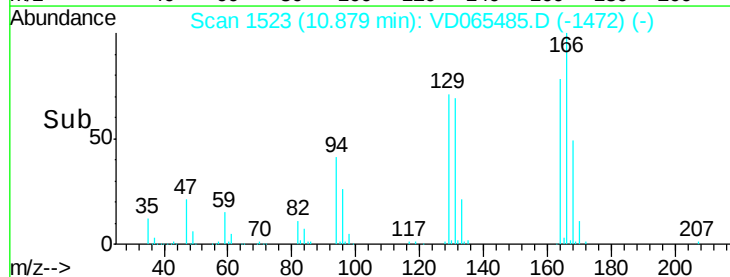
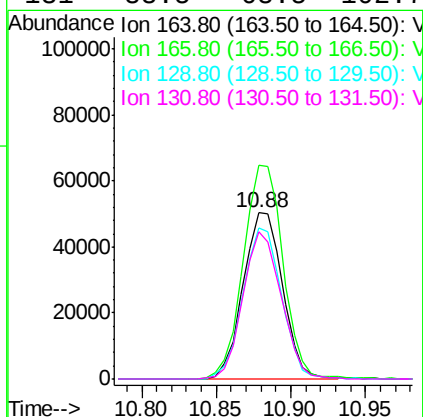
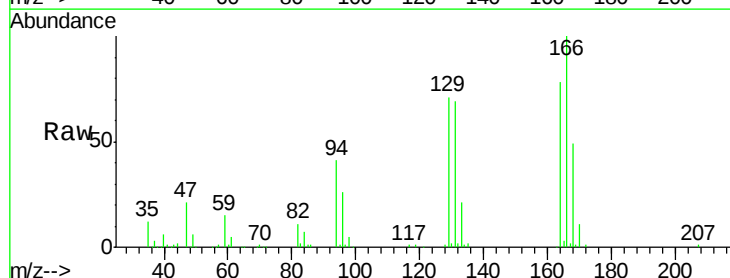
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

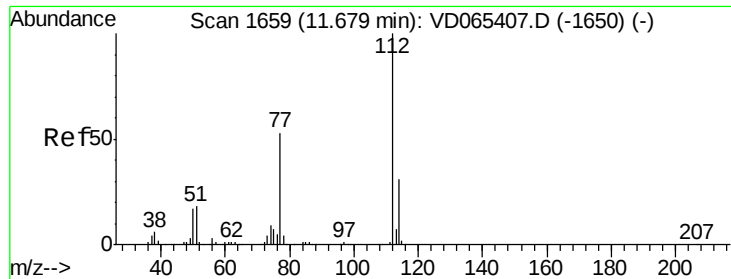
Tgt Ion:117 Resp: 609832  
Ion Ratio Lower Upper  
117 100  
82 53.1 40.6 60.8  
119 33.0 25.4 38.2



#64  
Tetrachloroethene  
Concen: 21.05 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion:164 Resp: 91976  
Ion Ratio Lower Upper  
164 100  
166 128.7 100.5 150.7  
129 91.1 71.5 107.3  
131 88.5 68.5 102.7

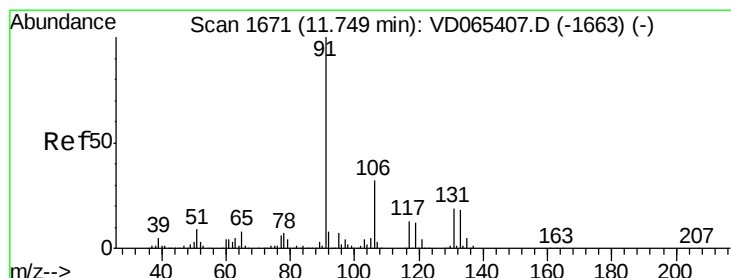
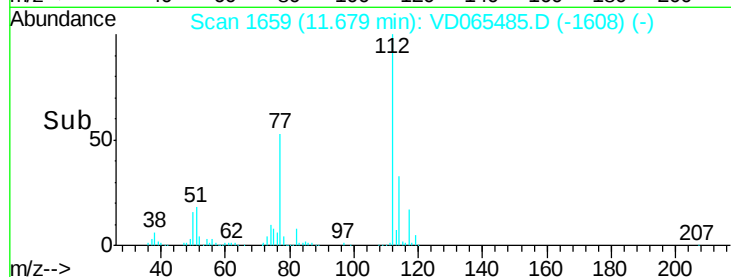
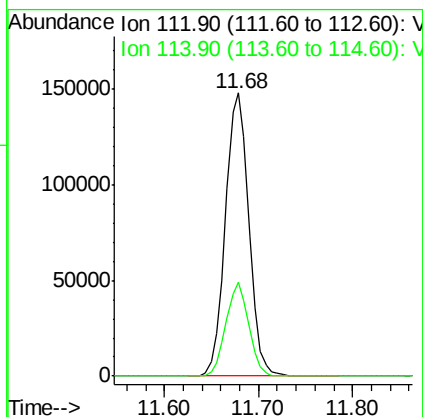
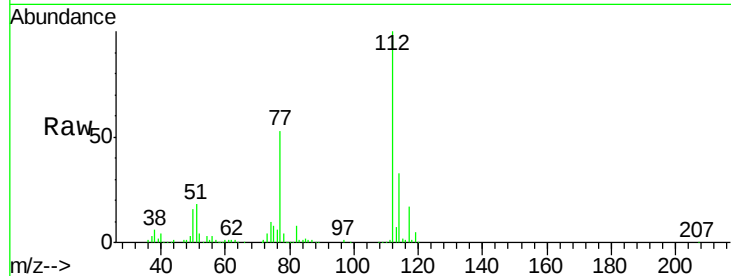




#65  
Chlorobenzene  
Concen: 21.23 ug/l  
RT: 11.68 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

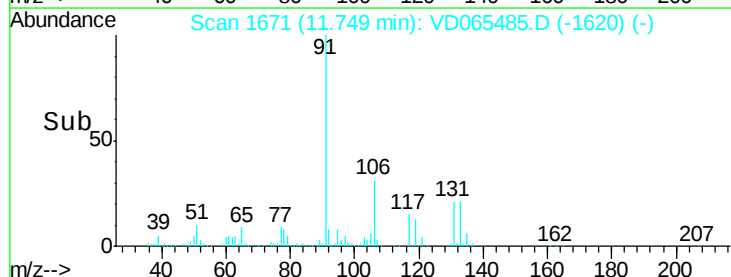
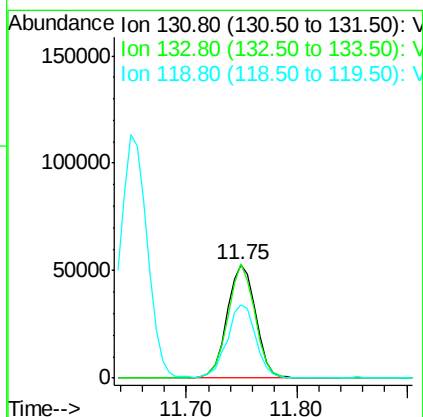
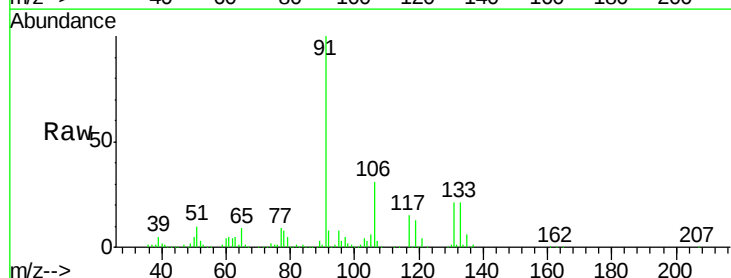
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

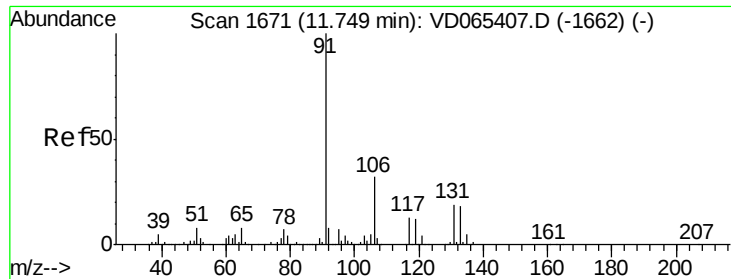
Tgt Ion:112 Resp: 256186  
Ion Ratio Lower Upper  
112 100  
114 33.1 24.4 36.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.79 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion:131 Resp: 95778  
Ion Ratio Lower Upper  
131 100  
133 95.1 49.2 147.6  
119 65.0 33.3 99.8





#67

Ethyl Benzene

Concen: 20.50 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

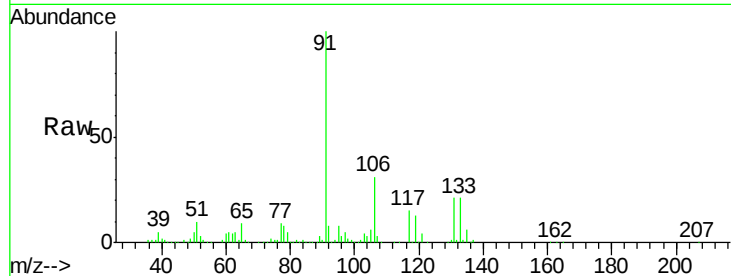
VD0312SBS01

Tgt Ion: 91 Resp: 427397

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

400000

300000

200000

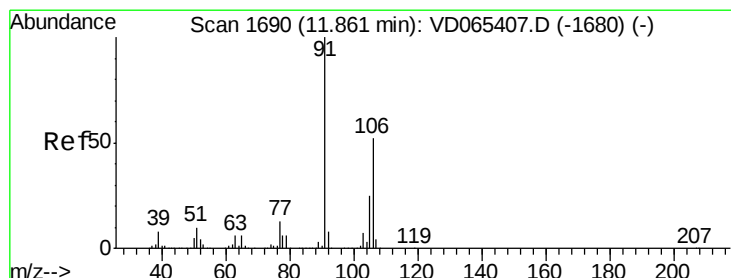
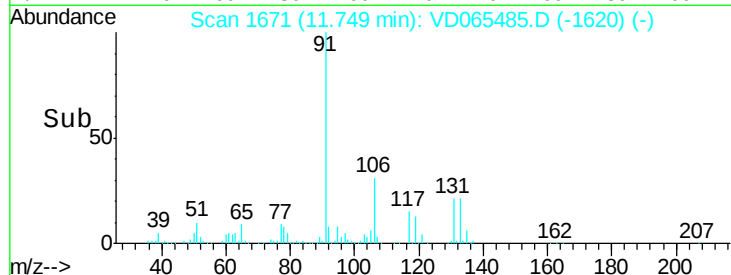
100000

0

11.70

11.80

Time-->



#68

m/p-Xylenes

Concen: 42.47 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065485.D

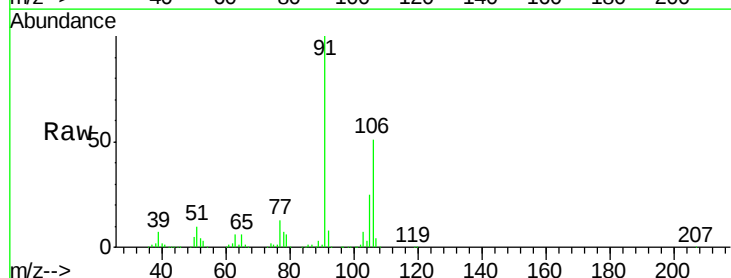
Acq: 12 Mar 2020 11:51

Tgt Ion: 106 Resp: 341453

Ion Ratio Lower Upper

106 100

91 196.9 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

200000

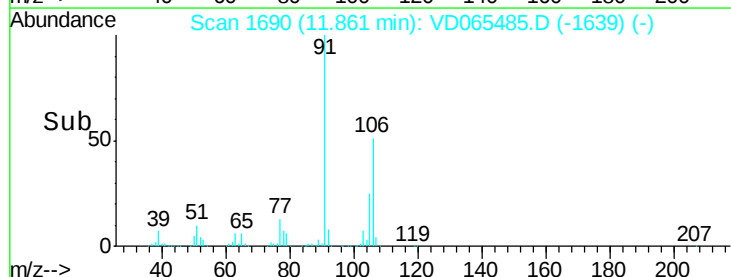
100000

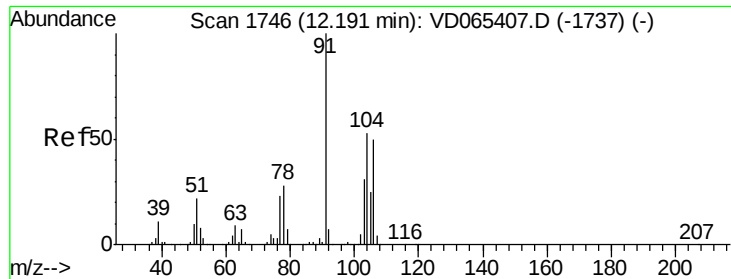
0

11.80

11.90

Time-->

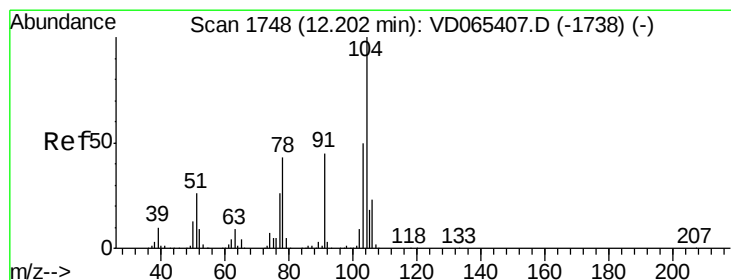
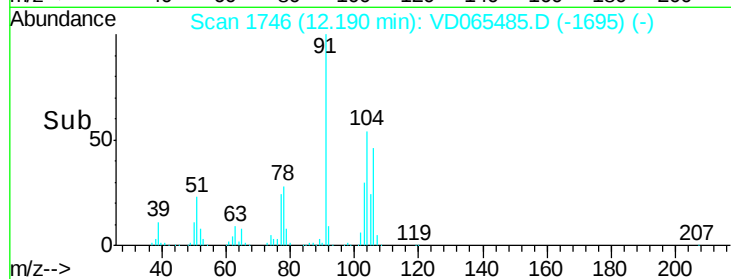
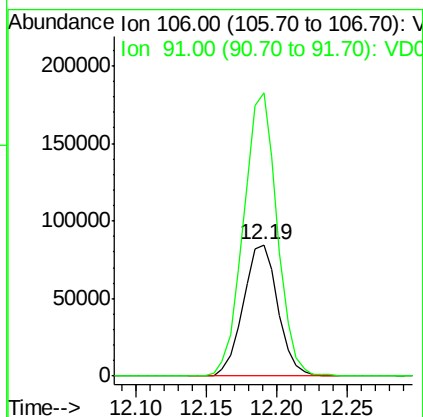
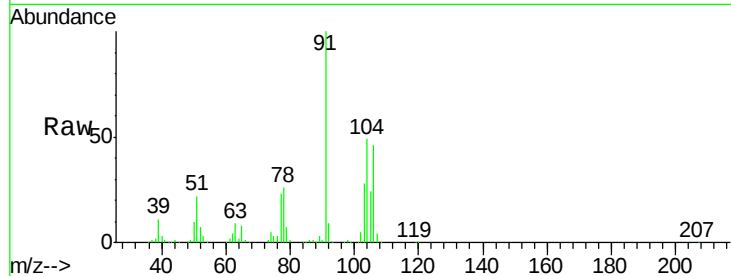




#69  
o-Xylene  
Concen: 20.61 ug/l  
RT: 12.19 min Scan# 1746  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

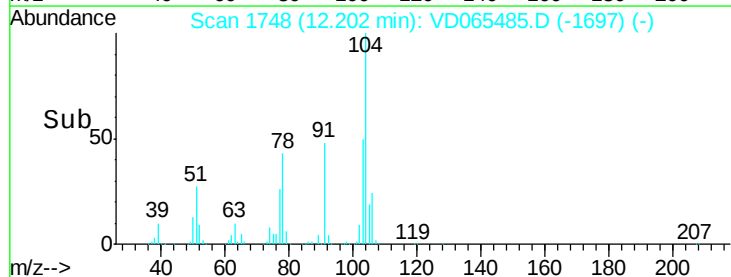
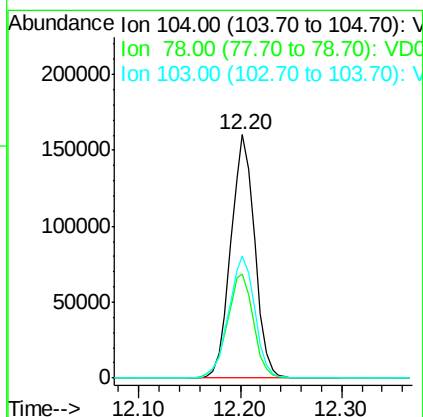
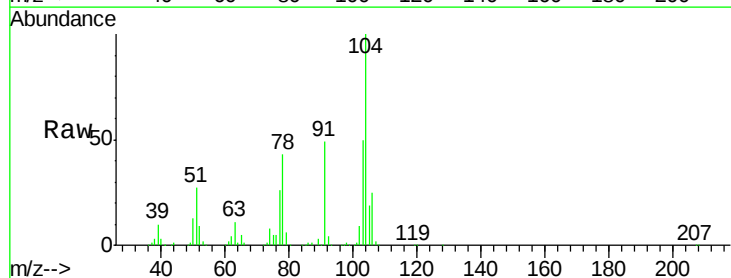
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

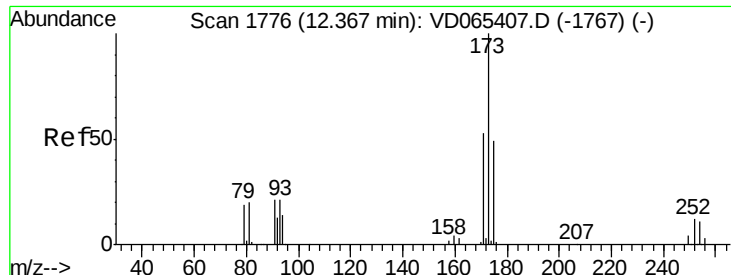
Tgt Ion:106 Resp: 145747  
Ion Ratio Lower Upper  
106 100  
91 209.4 103.5 310.3



#70  
Styrene  
Concen: 21.04 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion:104 Resp: 261863  
Ion Ratio Lower Upper  
104 100  
78 46.7 37.7 56.5  
103 54.7 43.6 65.4





#71

Bromoform

Concen: 21.31 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

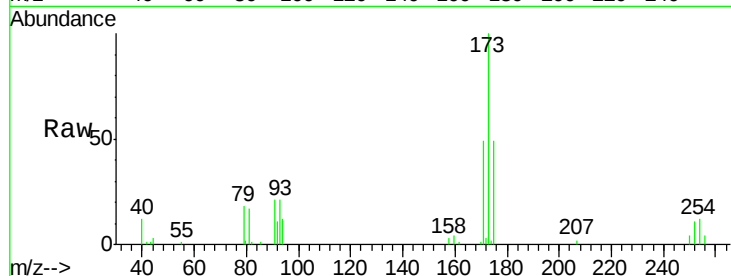
Tgt Ion:173 Resp: 52613

Ion Ratio Lower Upper

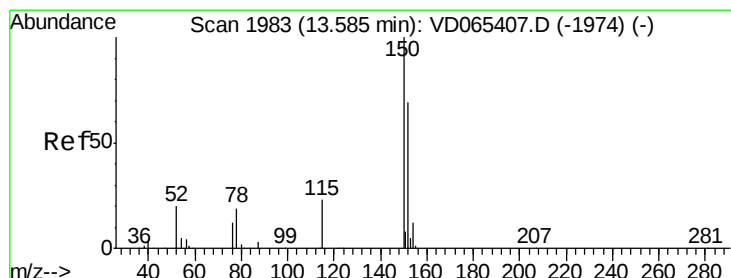
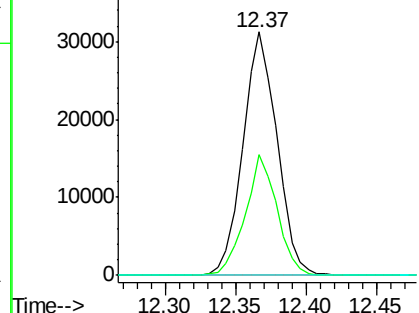
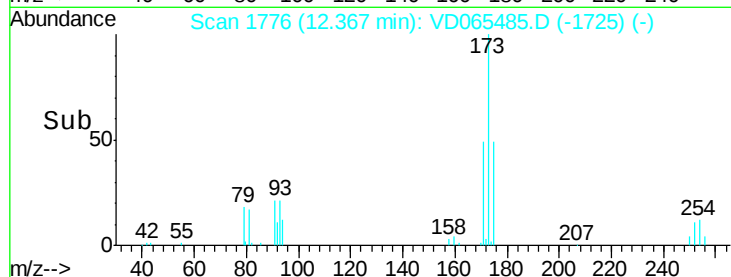
173 100

175 46.5 24.3 73.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

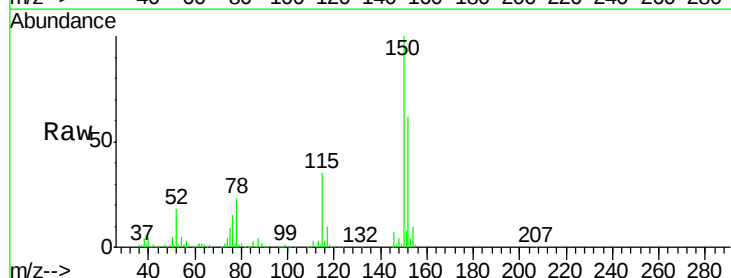
Tgt Ion:152 Resp: 306185

Ion Ratio Lower Upper

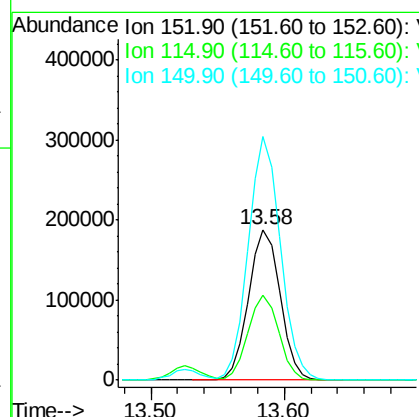
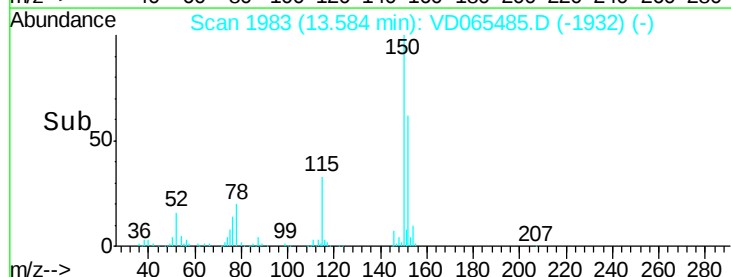
152 100

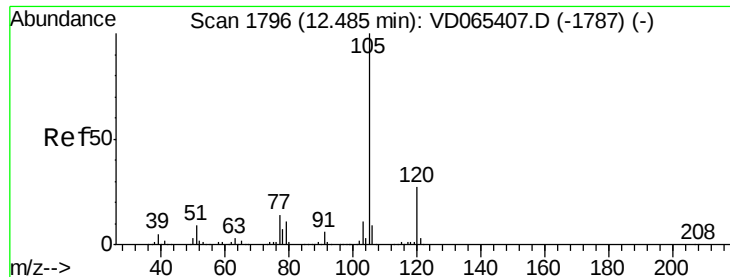
115 55.2 27.6 82.8

150 164.9 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.85 ug/l

RT: 12.49 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

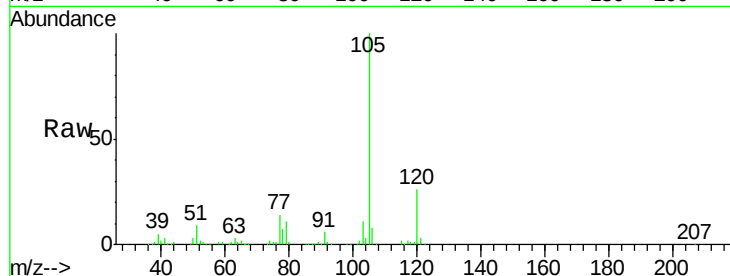
VD0312SBS01

Tgt Ion: 105 Resp: 399834

Ion Ratio Lower Upper

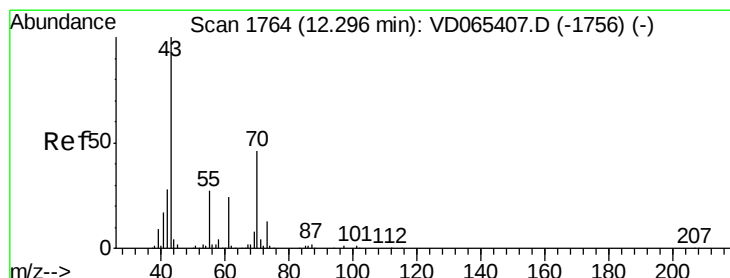
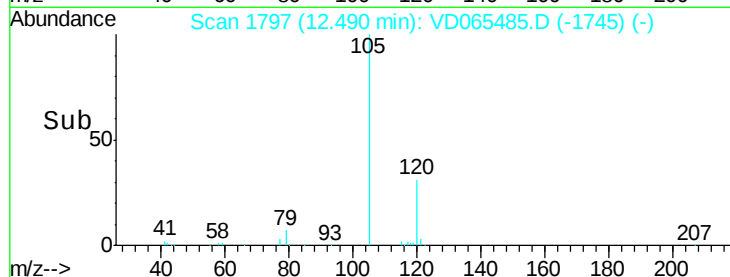
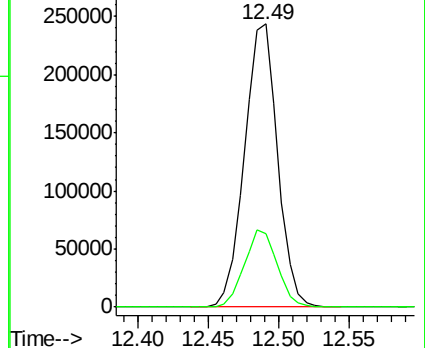
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.19 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Tgt Ion: 43 Resp: 79135

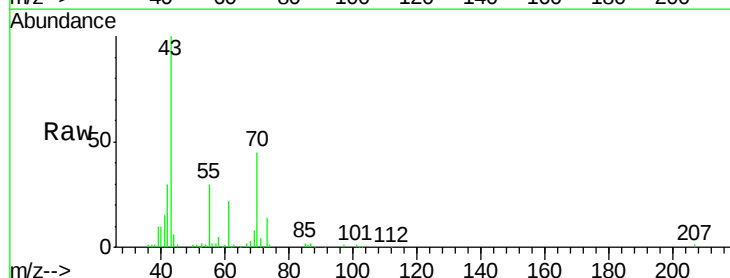
Ion Ratio Lower Upper

43 100

70 45.6 36.1 54.1

55 29.4 21.6 32.4

61 23.6 19.6 29.4

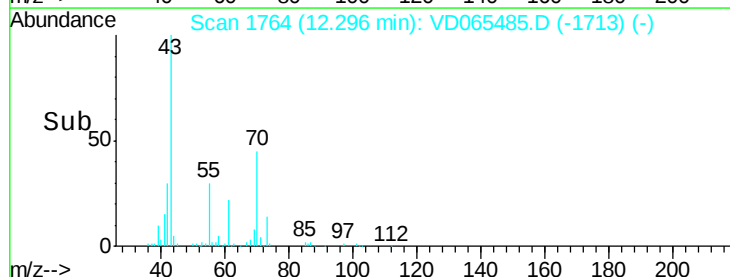
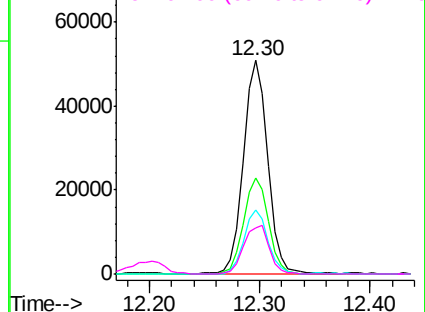


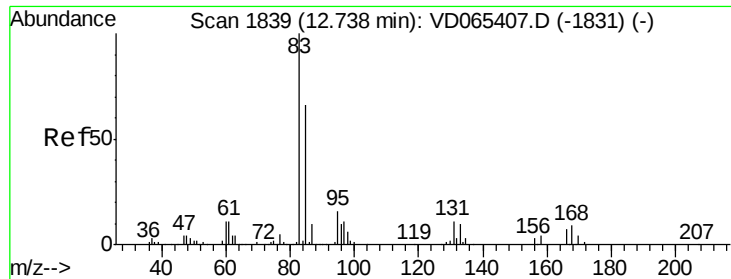
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.02 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

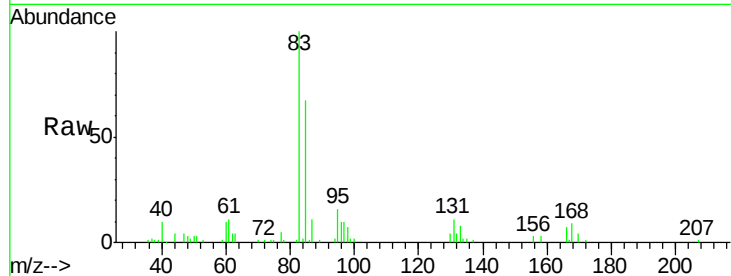
Tgt Ion: 83 Resp: 70876

Ion Ratio Lower Upper

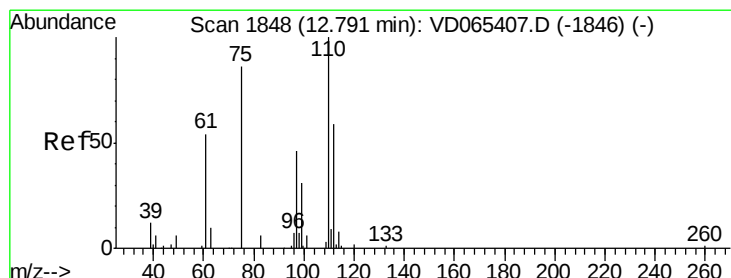
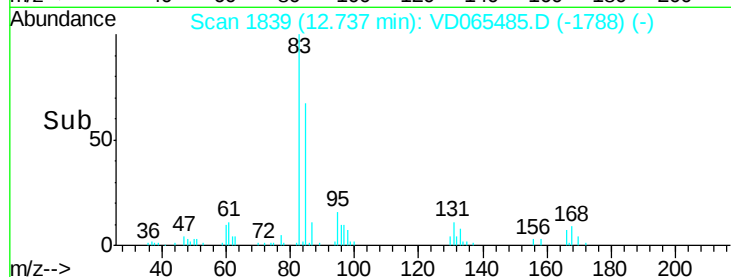
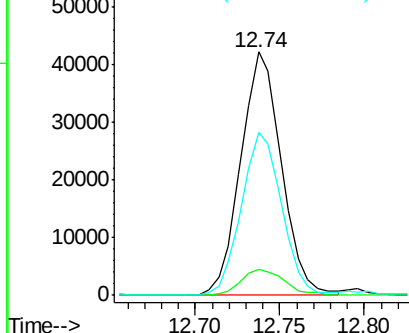
83 100

131 11.3 5.4 16.2

85 66.1 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 130.80 (130.50 to 131.50): VDC  
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 37.72 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065485.D

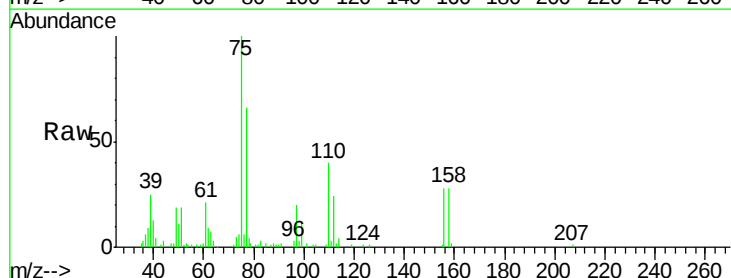
Acq: 12 Mar 2020 11:51

Tgt Ion: 75 Resp: 91136

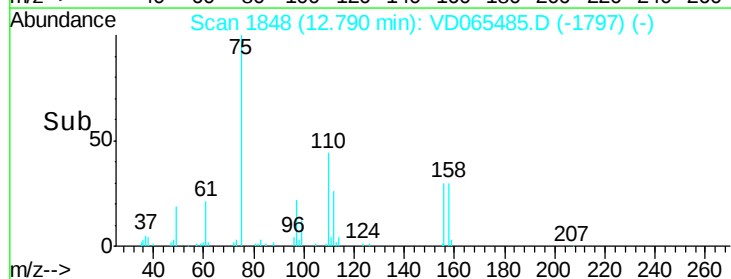
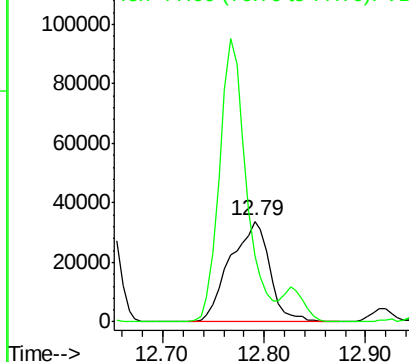
Ion Ratio Lower Upper

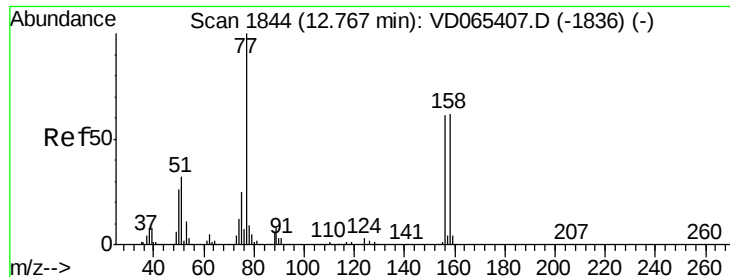
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC  
Ion 77.00 (76.70 to 77.70): VDC

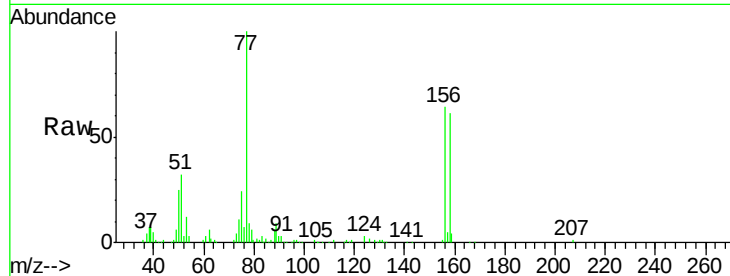




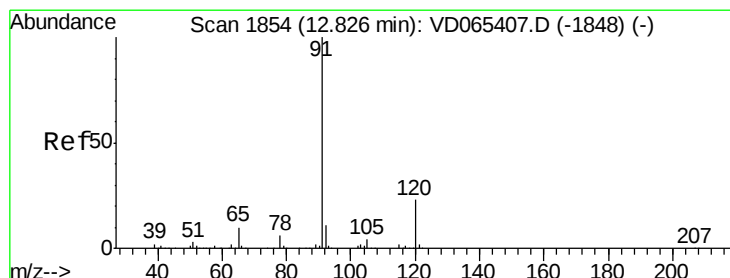
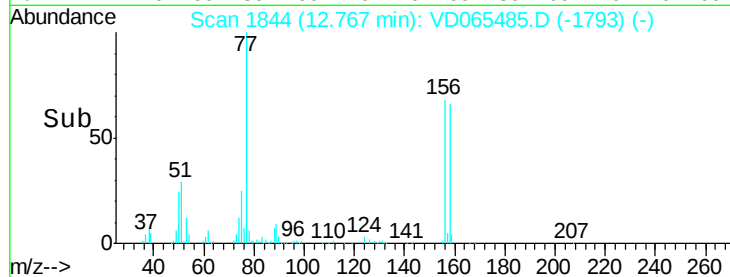
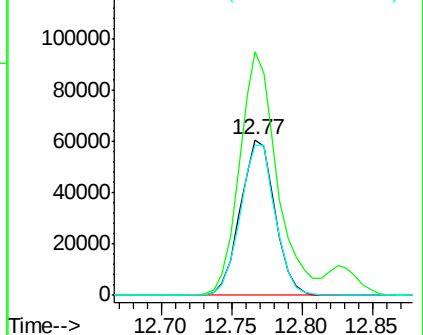
#77  
Bromobenzene  
Concen: 20.78 ug/l  
RT: 12.77 min Scan# 1844  
Delta R.T. -0.00 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0312SBS01

Tgt Ion:156 Resp: 103966  
Ion Ratio Lower Upper  
156 100  
77 170.8 84.9 254.6  
158 97.8 49.0 147.2

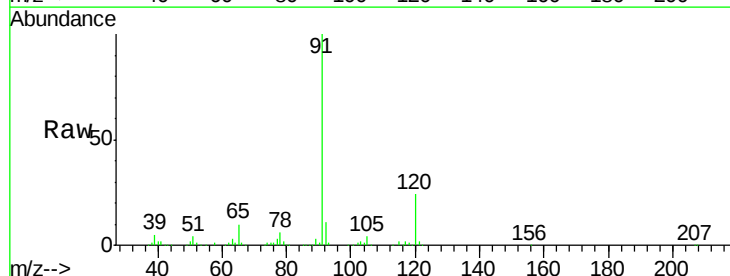


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VDC  
Ion 157.80 (157.50 to 158.50): V

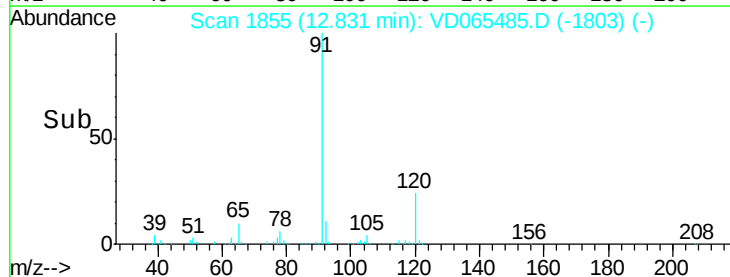
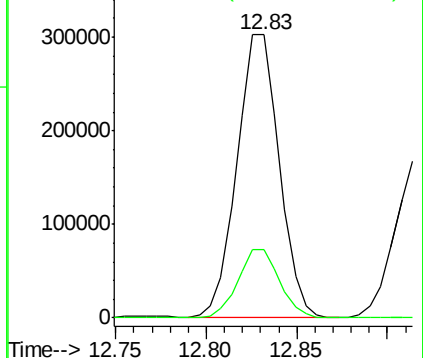


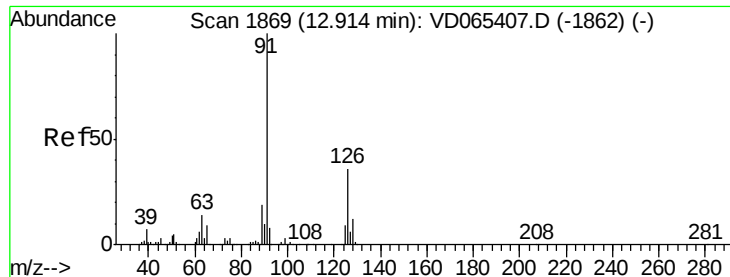
#78  
n-propylbenzene  
Concen: 20.53 ug/l  
RT: 12.83 min Scan# 1855  
Delta R.T. 0.01 min  
Lab File: VD065485.D  
Acq: 12 Mar 2020 11:51

Tgt Ion: 91 Resp: 490575  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 120.00 (119.70 to 120.70): V

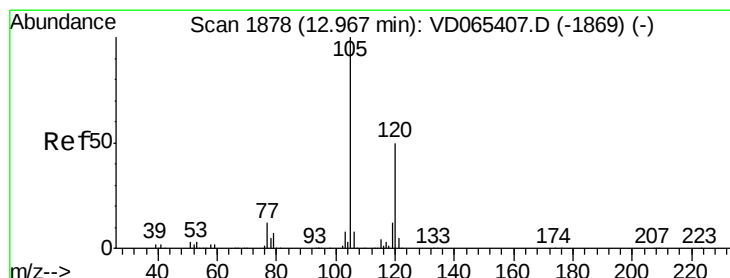
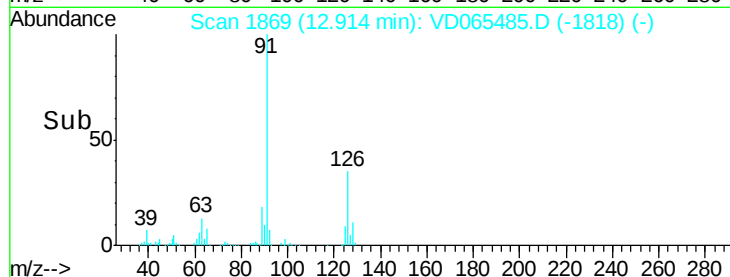
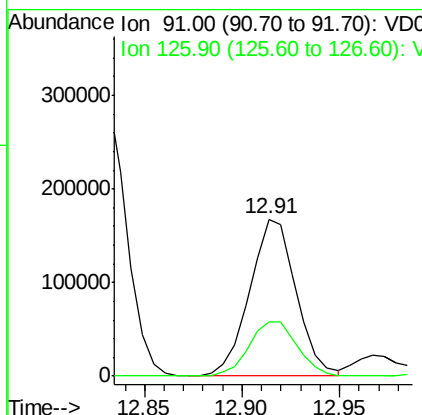
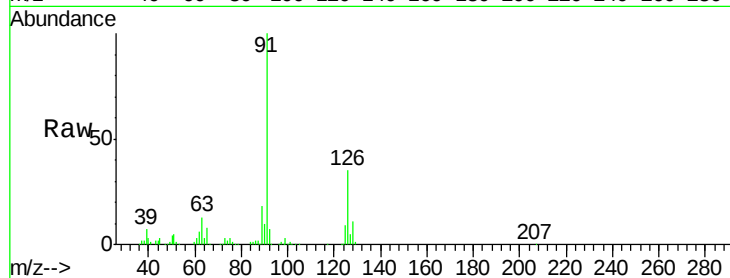




#79  
 2-Chlorotoluene  
 Concen: 20.47 ug/l  
 RT: 12.91 min Scan# 1869  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

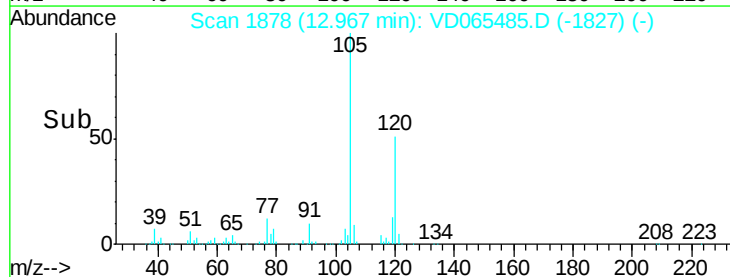
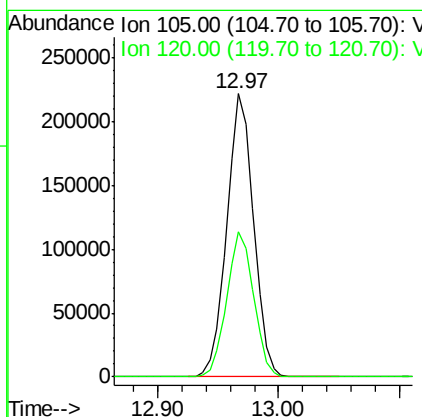
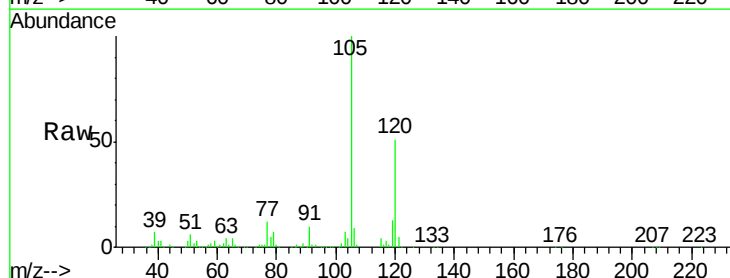
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

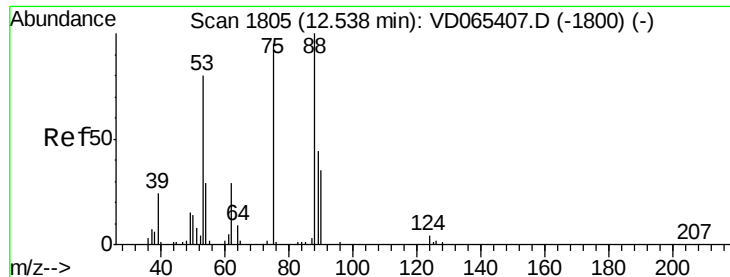
Tgt Ion: 91 Resp: 275629  
 Ion Ratio Lower Upper  
 91 100  
 126 36.2 17.9 53.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.64 ug/l  
 RT: 12.97 min Scan# 1878  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion: 105 Resp: 341699  
 Ion Ratio Lower Upper  
 105 100  
 120 51.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.21 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

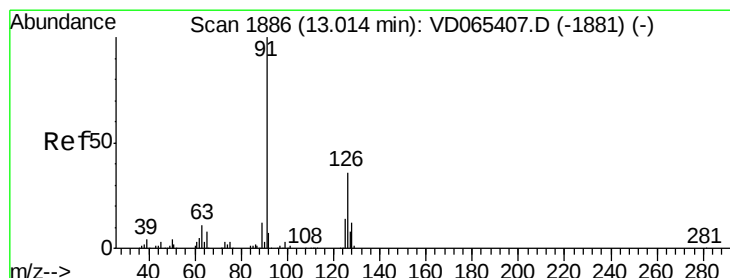
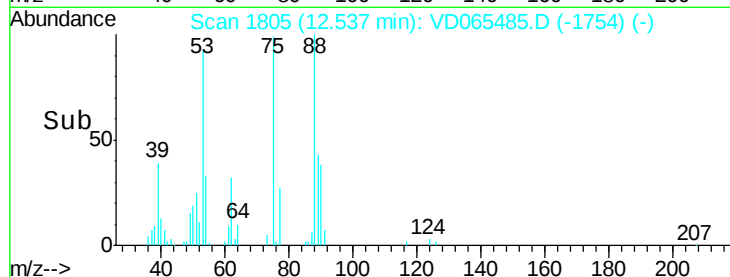
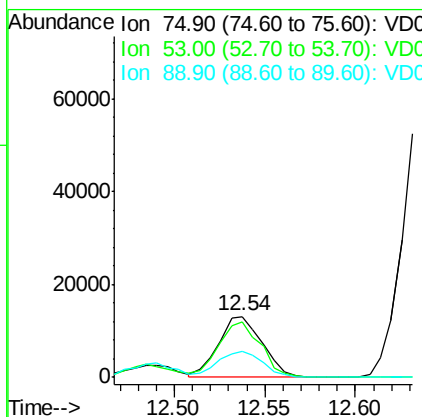
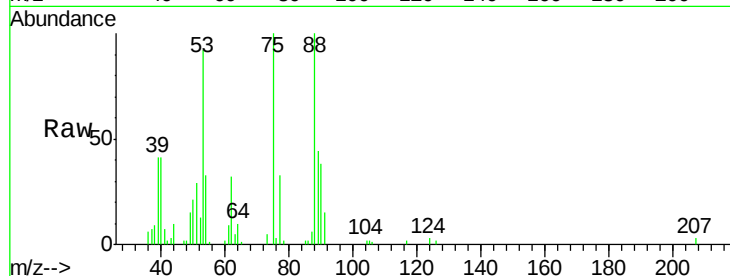
Tgt Ion: 75 Resp: 21995

Ion Ratio Lower Upper

75 100

53 88.2 71.3 106.9

89 43.8 37.0 55.6



#82

4-Chlorotoluene

Concen: 21.25 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065485.D

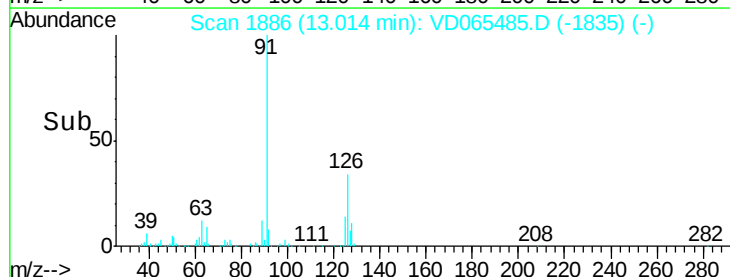
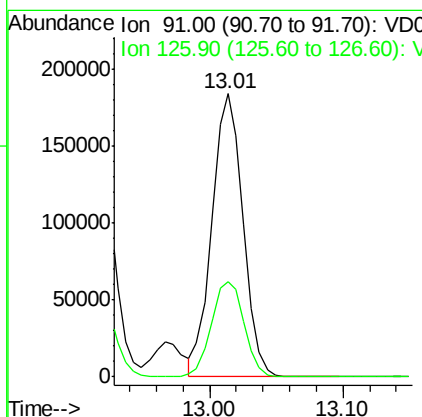
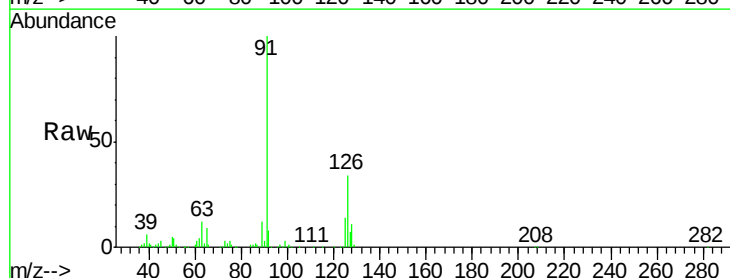
Acq: 12 Mar 2020 11:51

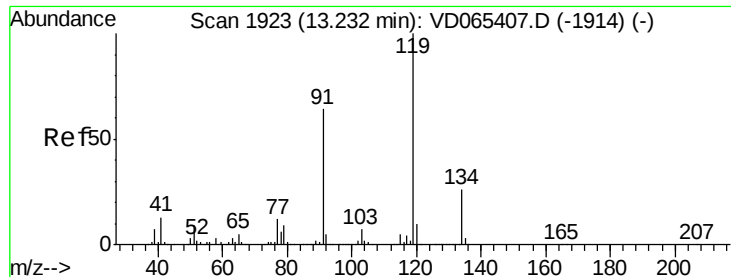
Tgt Ion: 91 Resp: 300672

Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8

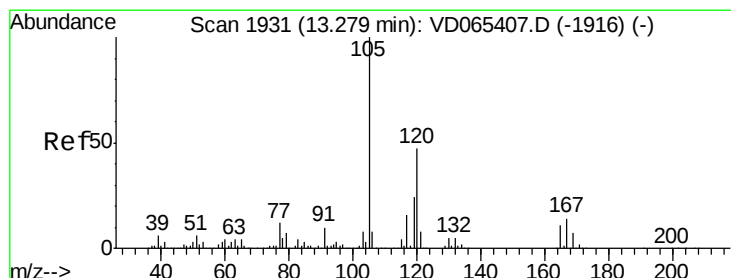
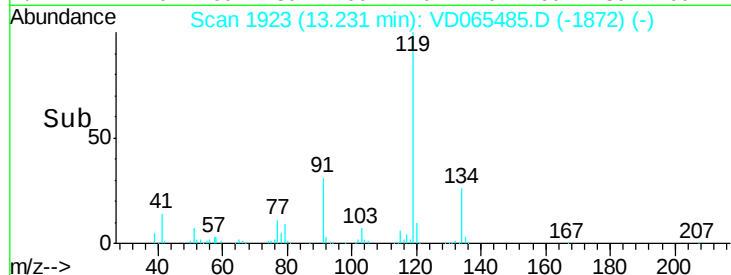
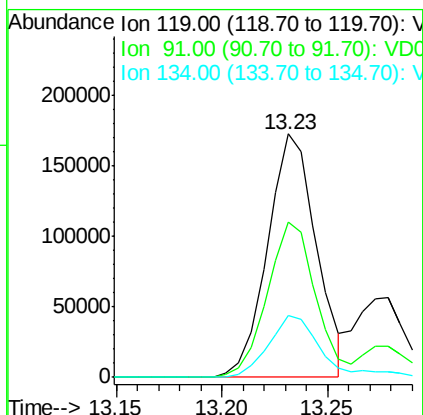
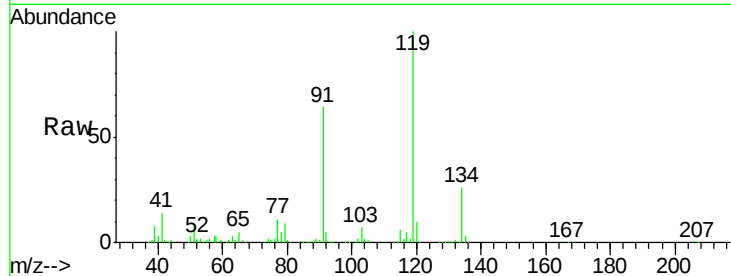




#83  
 tert-Butylbenzene  
 Concen: 19.80 ug/l  
 RT: 13.23 min Scan# 1923  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

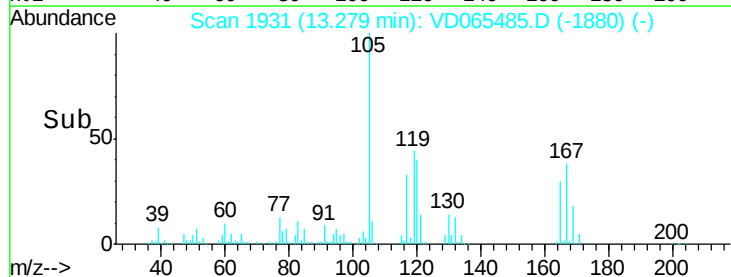
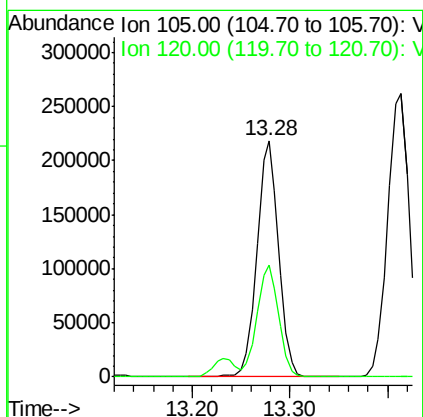
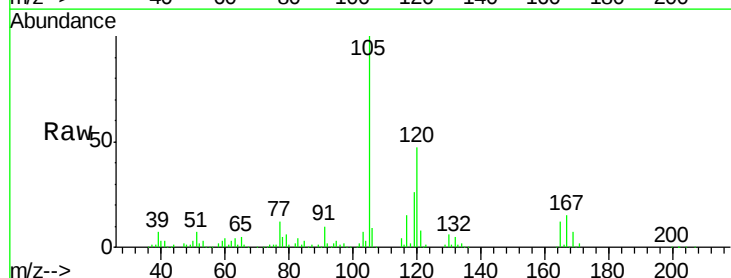
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

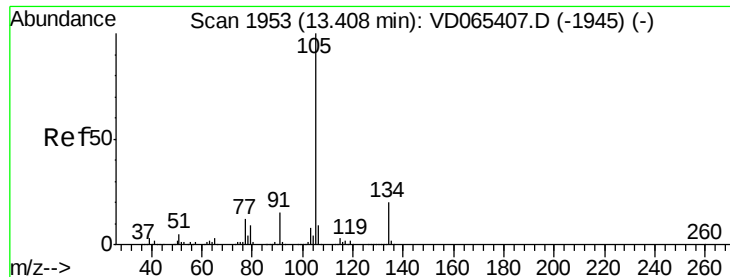
Tgt Ion:119 Resp: 277391  
 Ion Ratio Lower Upper  
 119 100  
 91 63.5 31.6 95.0  
 134 27.6 14.2 42.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.90 ug/l  
 RT: 13.28 min Scan# 1931  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion:105 Resp: 341175  
 Ion Ratio Lower Upper  
 105 100  
 120 47.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.51 ug/l

RT: 13.41 min Scan# 1954

Delta R.T. 0.01 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

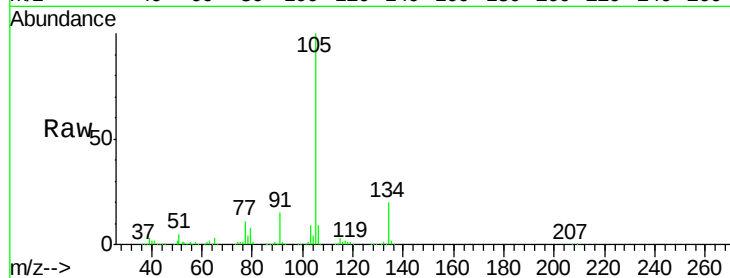
VD0312SBS01

Tgt Ion:105 Resp: 410092

Ion Ratio Lower Upper

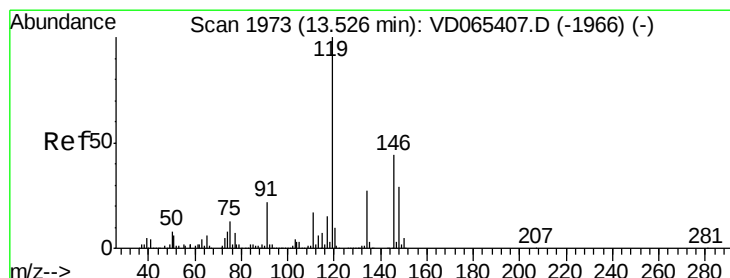
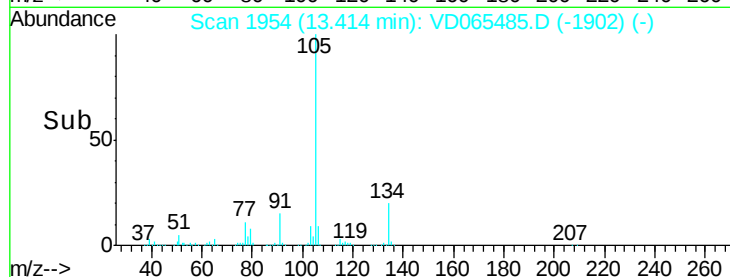
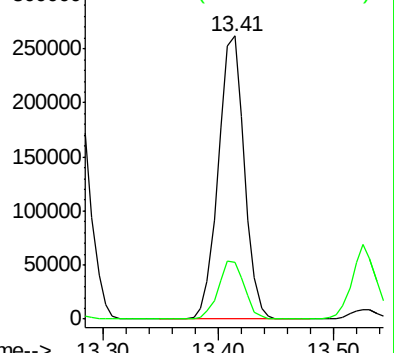
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.46 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

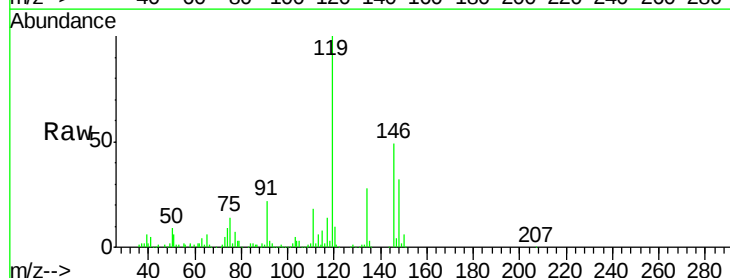
Tgt Ion:119 Resp: 373250

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

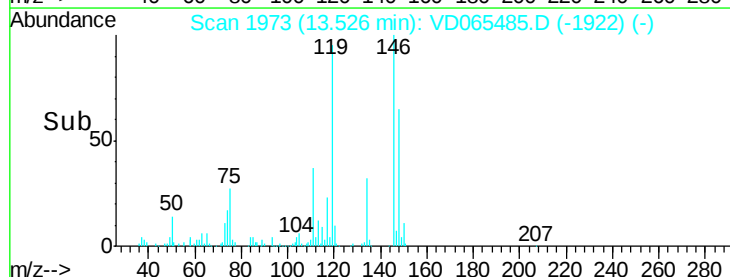
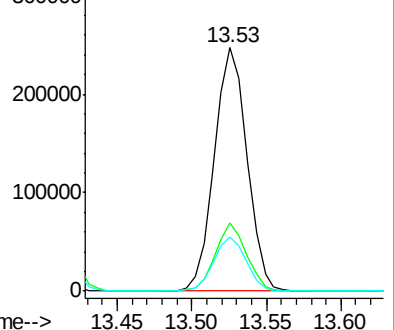
91 22.5 10.9 32.6

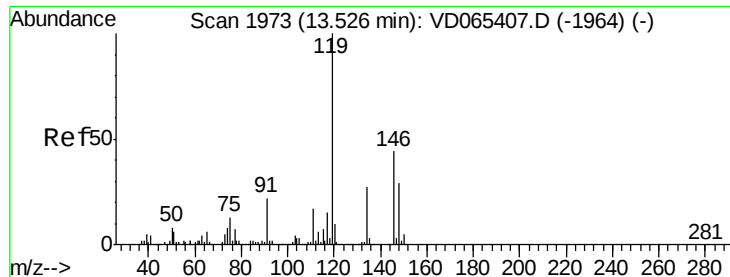


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

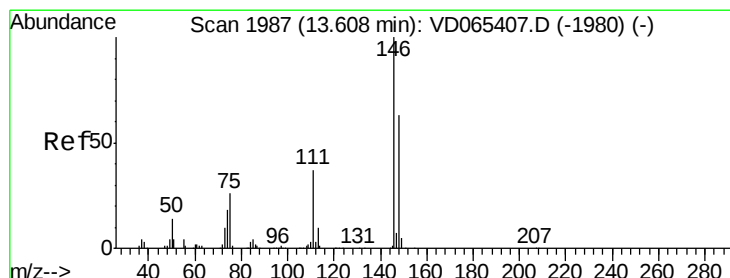
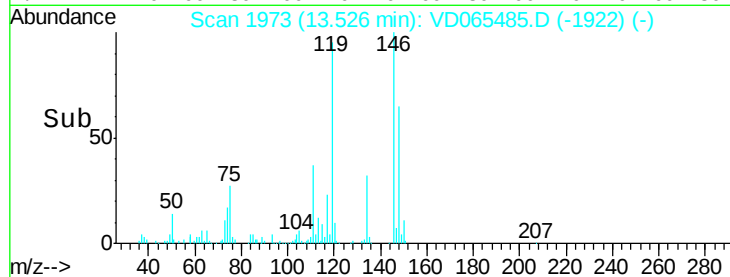
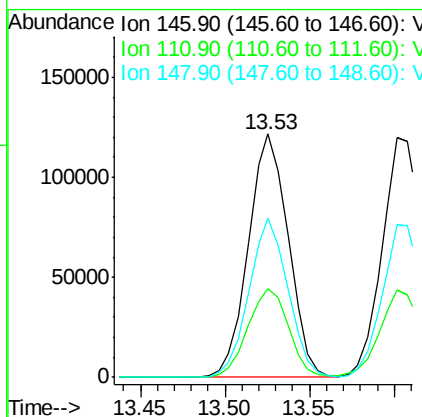
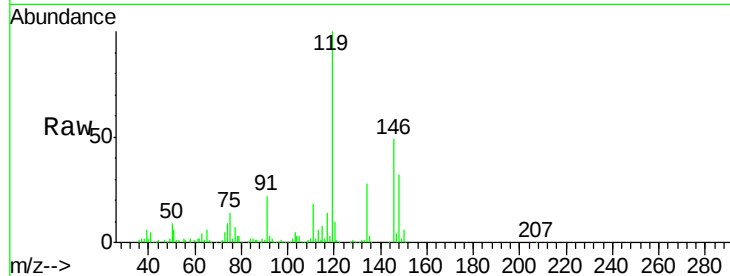




#87  
 1,3-Dichlorobenzene  
 Concen: 20.80 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

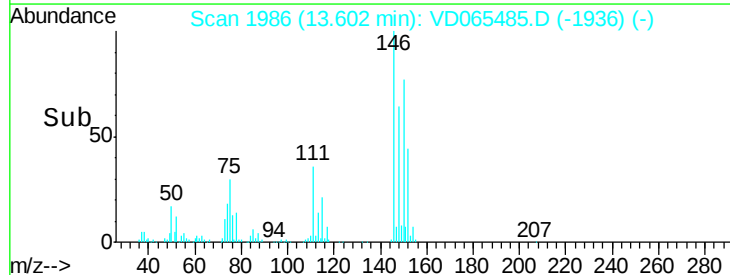
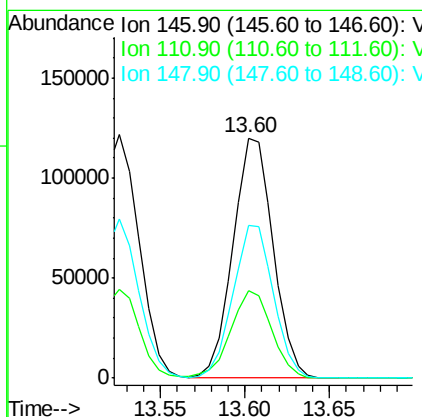
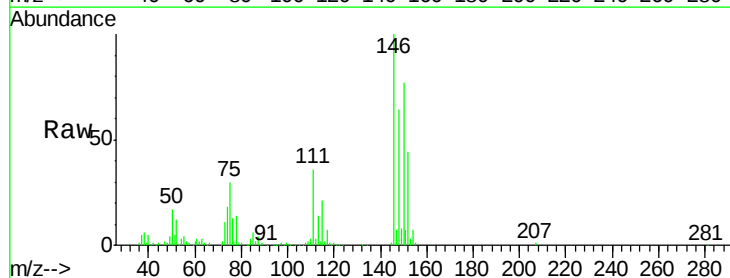
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

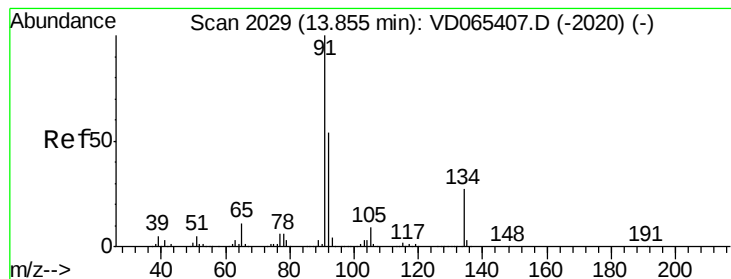
Tgt Ion:146 Resp: 200055  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 19.1 57.1  
 148 63.9 32.3 96.8



#88  
 1,4-Dichlorobenzene  
 Concen: 20.76 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.01 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion:146 Resp: 198677  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.5 55.5  
 148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 20.29 ug/l

RT: 13.85 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

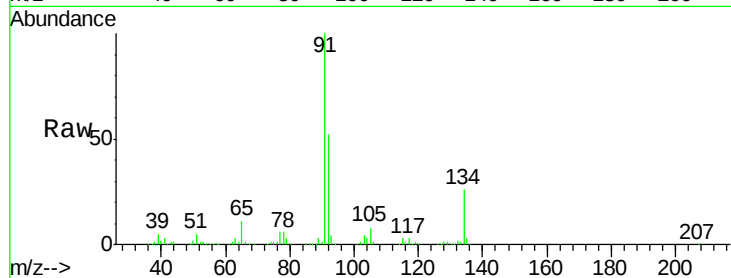
Tgt Ion: 91 Resp: 342255

Ion Ratio Lower Upper

91 100

92 52.7 26.8 80.4

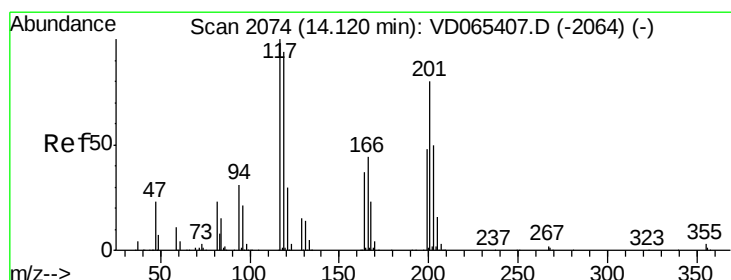
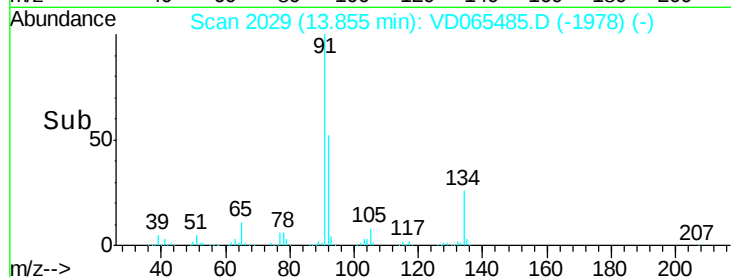
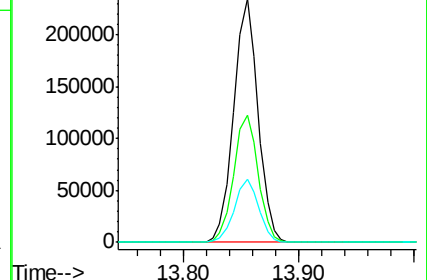
134 25.9 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 20.30 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065485.D

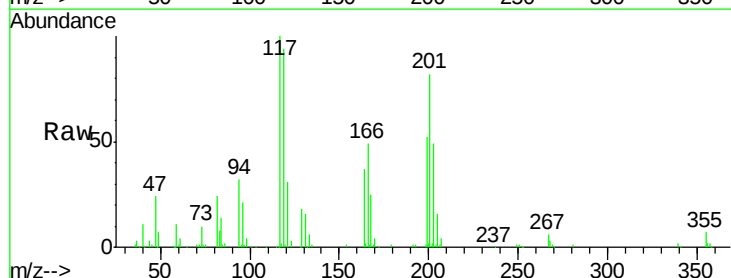
Acq: 12 Mar 2020 11:51

Tgt Ion: 117 Resp: 76278

Ion Ratio Lower Upper

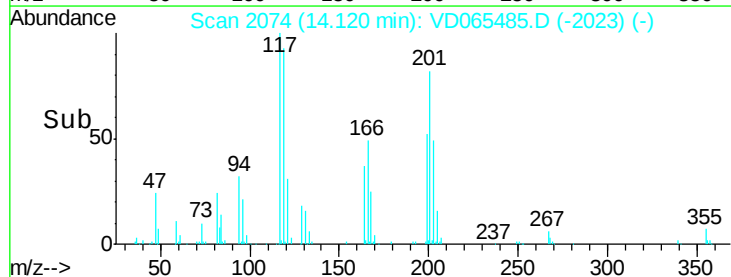
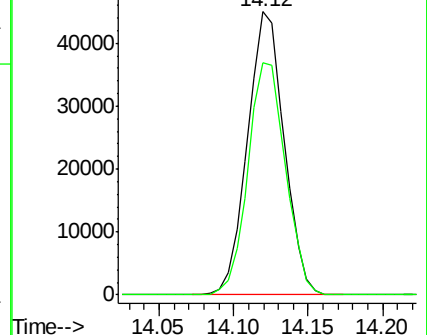
117 100

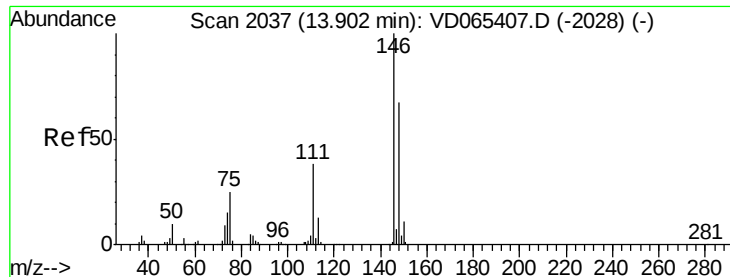
201 84.0 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC

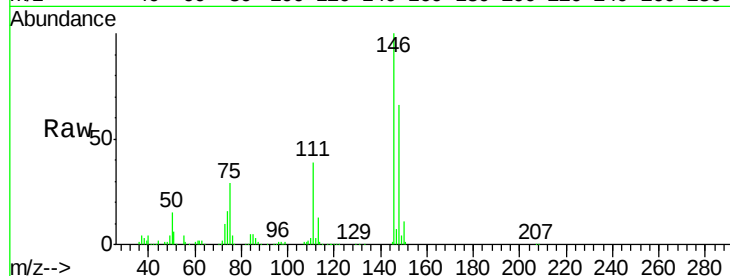




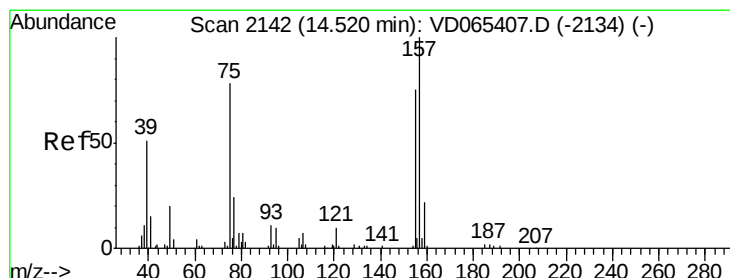
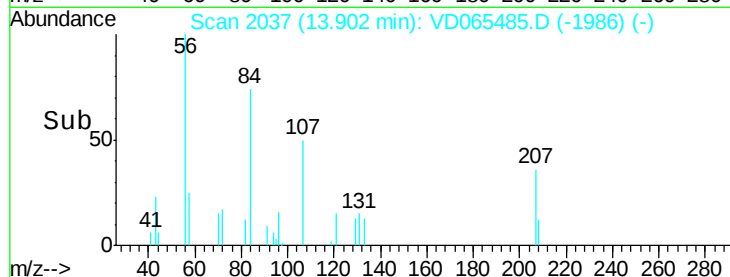
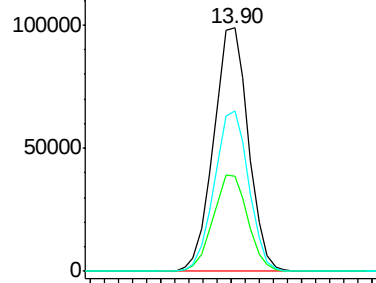
#91  
 1,2-Dichlorobenzene  
 Concen: 20.82 ug/l  
 RT: 13.90 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 19.8  | 59.3  |
| 148     | 65.3  | 32.6  | 97.8  |

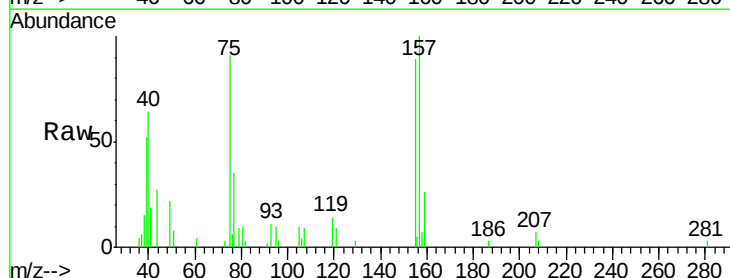


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

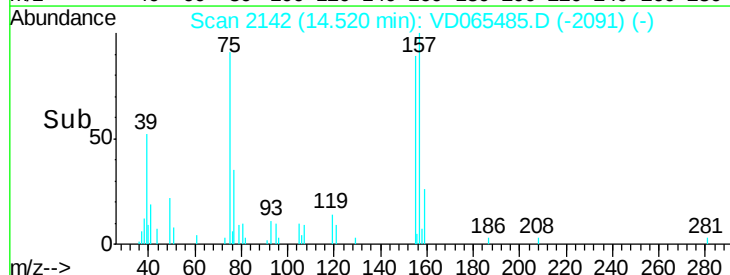
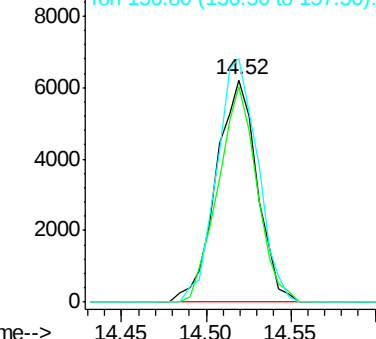


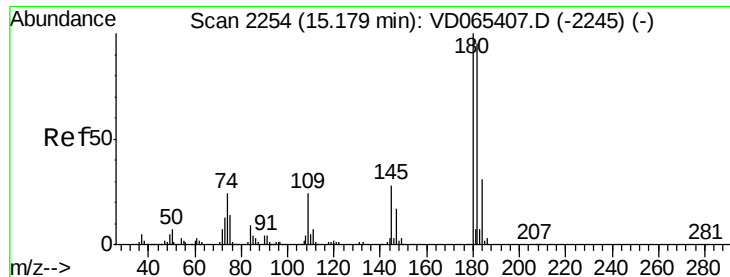
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.47 ug/l  
 RT: 14.52 min Scan# 2142  
 Delta R.T. -0.00 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.0  | 46.4  | 139.1 |
| 157     | 109.2 | 60.2  | 180.4 |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V

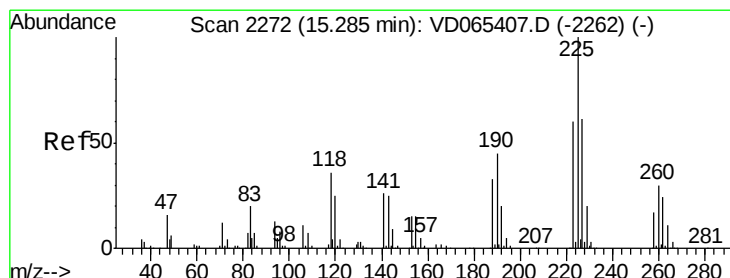
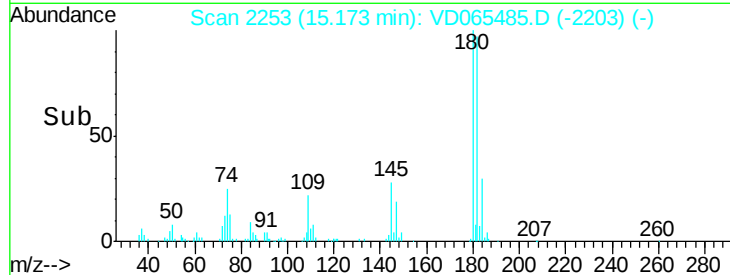
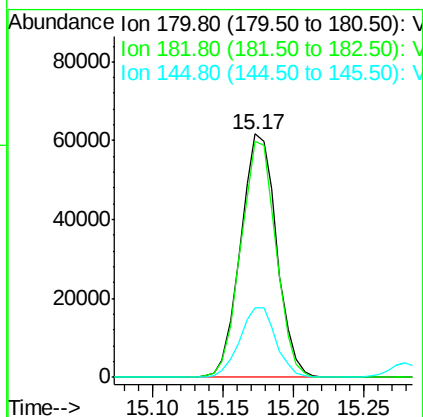
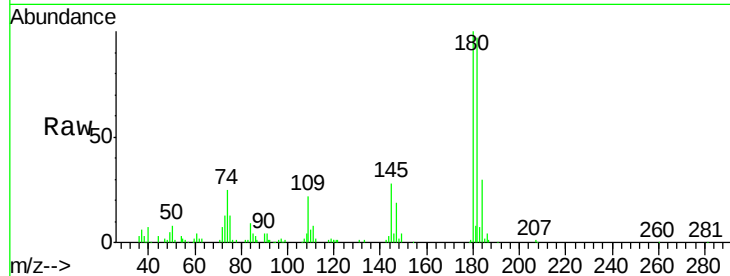




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.89 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

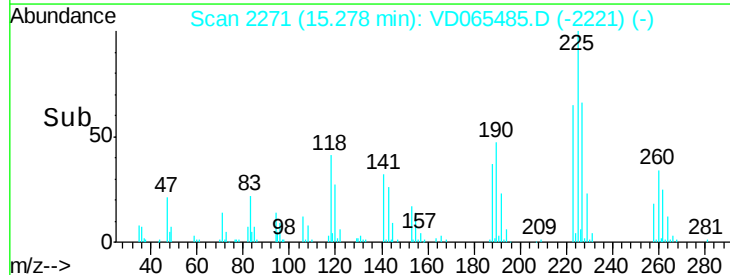
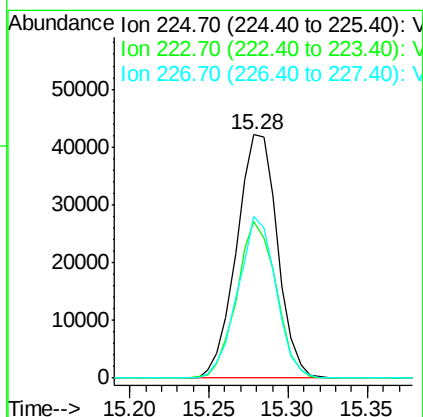
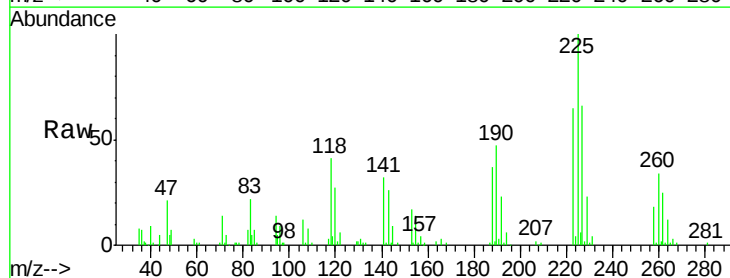
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0312SBS01

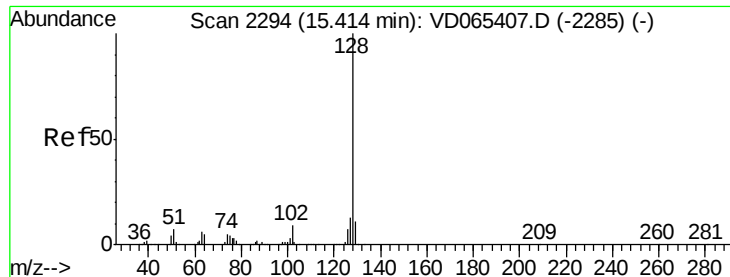
Tgt Ion:180 Resp: 110346  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 48.3 144.9  
 145 28.5 14.4 43.4



#94  
 Hexachlorobutadiene  
 Concen: 20.66 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: VD065485.D  
 Acq: 12 Mar 2020 11:51

Tgt Ion:225 Resp: 75315  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 30.9 92.5  
 227 62.1 31.6 94.7





#95

Naphthalene

Concen: 19.43 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

Instrument :

MSVOA\_D

ClientSampleId :

VD0312SBS01

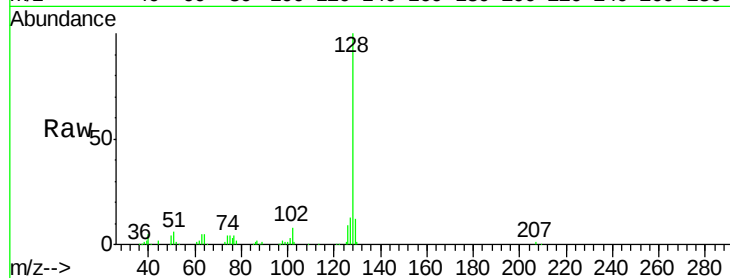
Tgt Ion:128 Resp: 162886

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

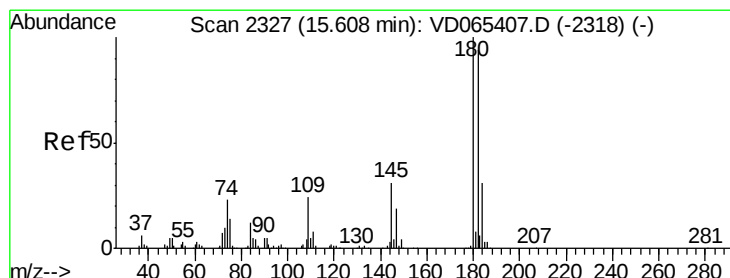
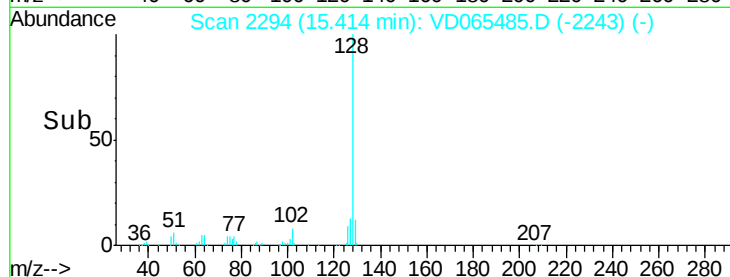
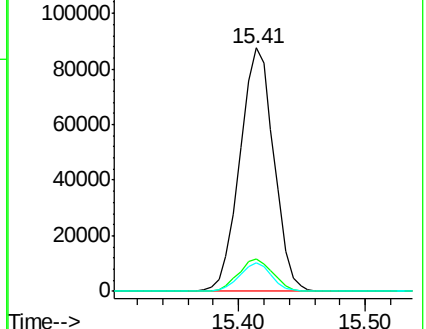
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.47 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VD065485.D

Acq: 12 Mar 2020 11:51

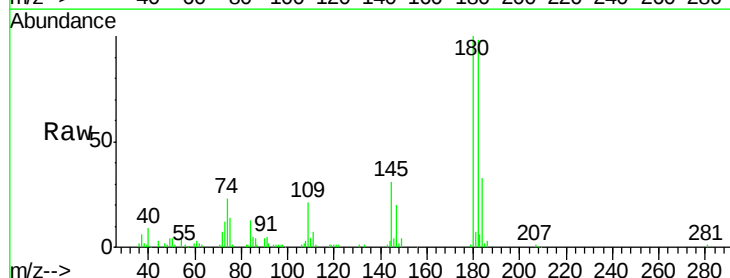
Tgt Ion:180 Resp: 98160

Ion Ratio Lower Upper

180 100

182 94.0 46.9 140.6

145 30.0 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

