

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\  
 Data File : VD065427.D  
 Acq On : 05 Mar 2020 13:18  
 Operator : VA/SY  
 Sample : L1161-03 2.5PPBMDL  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 06 04:18:46 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  | 436687   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 679310   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 607396   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 287799   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 214105   | 57.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.32% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 223329   | 53.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.32% |      |
| 50) Toluene-d8            | 10.34  | 98  | 842394   | 52.27 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.54% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 252469   | 50.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.50% |      |

## Target Compounds

|                               |      |     |       |        |        | Qvalue |
|-------------------------------|------|-----|-------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 10891 | 2.902  | ug/l   | 93     |
| 3) Chloromethane              | 2.21 | 50  | 13741 | 3.033  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.35 | 62  | 13446 | 3.009  | ug/l   | 99     |
| 5) Bromomethane               | 2.77 | 94  | 9902  | 3.465  | ug/l   | 95     |
| 6) Chloroethane               | 2.92 | 64  | 8540  | 3.120  | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 20591 | 3.127  | ug/l   | 92     |
| 8) Diethyl Ether              | 3.71 | 74  | 5424  | 2.770  | ug/l   | 76     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 13357 | 3.149  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 11654 | 2.645  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.24 | 59  | 2109  | 9.816  | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 12946 | 3.188  | ug/l   | 87     |
| 13) Acrolein                  | 3.93 | 56  | 4956  | 13.374 | ug/l   | 98     |
| 14) Allyl chloride            | 4.71 | 41  | 18118 | 2.904  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.43 | 53  | 12923 | 15.168 | ug/l   | 98     |
| 16) Acetone                   | 4.16 | 43  | 13168 | 17.382 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.40 | 76  | 41641 | 3.079  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.71 | 43  | 3285  | 1.709  | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 19667 | 2.518  | ug/l # | 85     |
| 20) Methylene Chloride        | 4.96 | 84  | 49238 | 10.506 | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 13442 | 2.975  | ug/l   | 93     |
| 22) Diisopropyl ether         | 6.37 | 45  | 27933 | 2.409  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.31 | 43  | 70641 | 10.970 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 22141 | 2.976  | ug/l   | 94     |
| 25) 2-Butanone                | 7.23 | 43  | 13536 | 13.093 | ug/l # | 82     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 18330 | 2.820  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 12868 | 2.787  | ug/l   | 93     |
| 28) Bromochloromethane        | 7.55 | 49  | 9544  | 3.207  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 8459  | 12.813 | ug/l   | 96     |
| 30) Chloroform                | 7.72 | 83  | 23389 | 3.146  | ug/l   | 98     |
| 31) Cyclohexane               | 7.98 | 56  | 25828 | 3.472  | ug/l # | 68     |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 20805 | 3.028  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 8.12 | 75  | 17697 | 2.718  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 7072  | 2.810  | ug/l # | 73     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 18994 | 2.813  | ug/l # | 82     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Mar 06 04:18:46 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   | 19578    | 2.489   | ug/l   | 99       |
| 40) Benzene                    | 8.36  | 78   | 50875    | 2.794   | ug/l   | 91       |
| 41) Methacrylonitrile          | 7.54  | 41   | 3892     | 2.924   | ug/l # | 74       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 13819    | 2.907   | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 12050    | 2.593   | ug/l   | 93       |
| 44) Trichloroethene            | 9.11  | 130  | 15240    | 2.964   | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 12597    | 2.856   | ug/l   | 91       |
| 46) Dibromomethane             | 9.48  | 93   | 6141     | 2.685   | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.67  | 83   | 16981    | 2.853   | ug/l # | 98       |
| 48) Methyl methacrylate        | 9.46  | 41   | 5539     | 2.534   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 1186     | 45.325  | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone       | 10.24 | 43   | 25994    | 11.115  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 31124    | 2.714   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 14556    | 2.617   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.10 | 75   | 16171    | 2.402   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 9258     | 2.857   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 8169     | 2.237   | ug/l   | 93       |
| 57) 1,3-Dichloropropane        | 10.96 | 76   | 14036    | 2.560   | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 13145    | 11.160  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.99 | 43   | 18567    | 11.469  | ug/l   | 94       |
| 60) Dibromochloromethane       | 11.14 | 129  | 11539    | 2.778   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 8563     | 2.771   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 13276    | 3.050   | ug/l   | 95       |
| 65) Chlorobenzene              | 11.68 | 112  | 35260    | 2.934   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 12386    | 2.829   | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.75 | 91   | 53088    | 2.556   | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.86 | 106  | 38598    | 4.820   | ug/l   | 99       |
| 69) o-Xylene                   | 12.19 | 106  | 16998    | 2.413   | ug/l   | 94       |
| 70) Styrene                    | 12.20 | 104  | 26690    | 2.153   | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 6982     | 2.839   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 43440    | 2.295   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.30 | 43   | 8859     | 2.286   | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 10354    | 3.112   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 12319    | 5.425   | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 14163    | 3.011   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.83 | 91   | 59829    | 2.664   | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 34228    | 2.704   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 35573    | 2.286   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 12.64 | 75   | 124515   | 115.705 | ug/l # | 14       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 36389    | 2.736   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 30284    | 2.300   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 34082    | 2.222   | ug/l   | 96       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 44508    | 2.368   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 37292    | 2.175   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 25030    | 2.768   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 27099    | 3.013   | ug/l   | 89       |
| 89) n-Butylbenzene             | 13.85 | 91   | 38541    | 2.431   | ug/l   | 98       |
| 90) Hexachloroethane           | 14.13 | 117  | 10312    | 2.920   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 21596    | 2.807   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.53 | 75   | 1560     | 3.078   | ug/l   | 94       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030520\  
Data File : VD065427.D  
Acq On : 05 Mar 2020 13:18  
Operator : VA/SY  
Sample : L1161-03 2.5PPBMDL  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

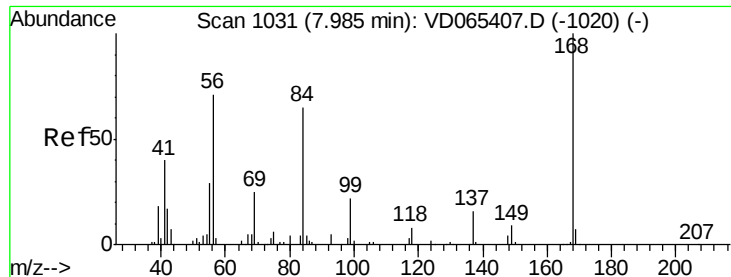
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Mar 06 04:18:46 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  | 14713    | 2.821 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 9998     | 2.918 | ug/l  | 94       |
| 95) Naphthalene            | 15.41 | 128  | 20259    | 2.429 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 12949    | 2.873 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

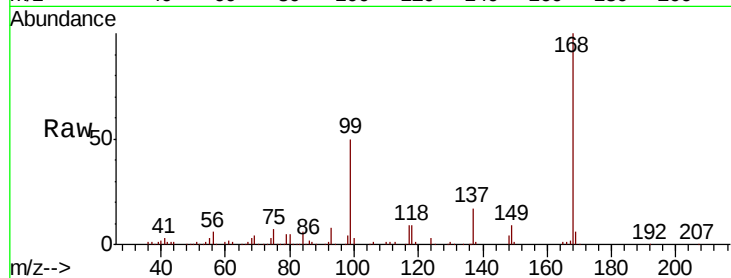
ClientSampled :

Tot Ion:168 Resp: 436687

Ion Ratio Lower Upper

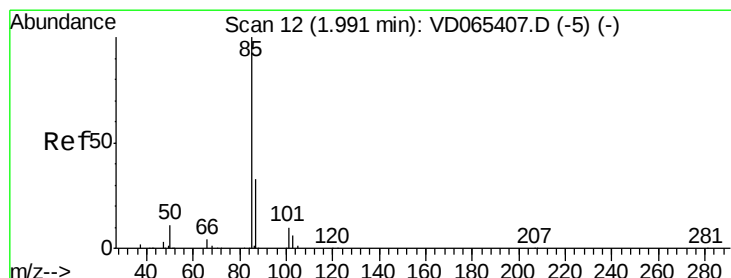
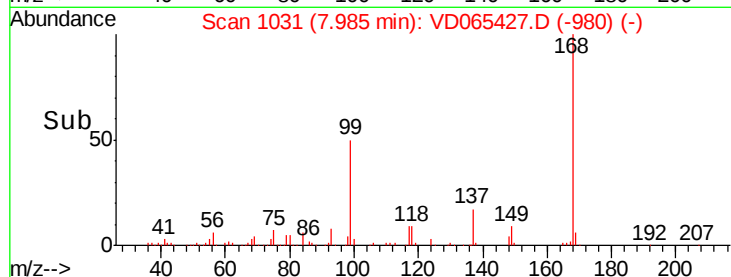
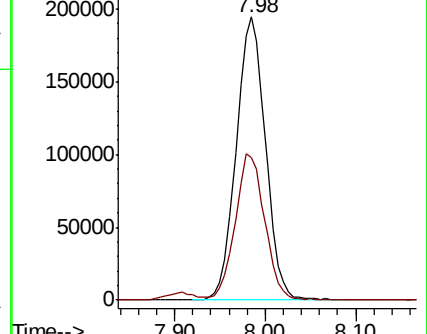
168 100

99 50.3 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 2.902 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065427.D

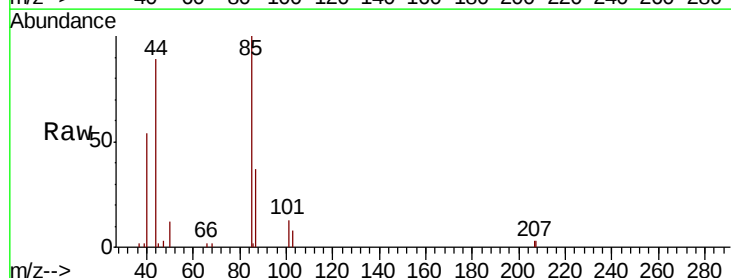
Acq: 05 Mar 2020 13:18

Tgt Ion: 85 Resp: 10891

Ion Ratio Lower Upper

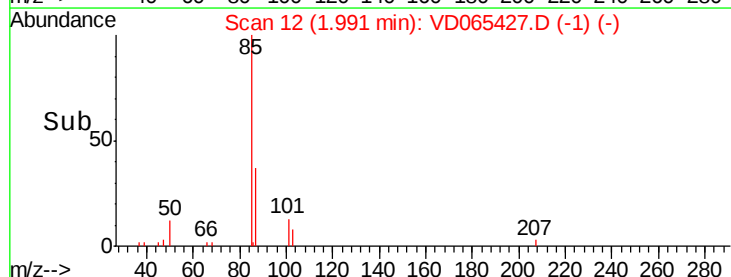
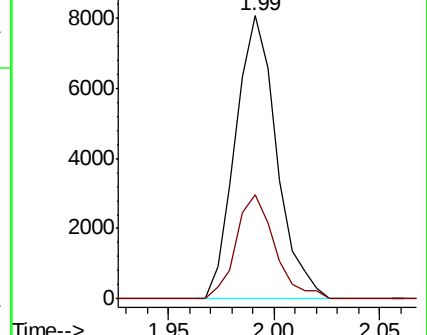
85 100

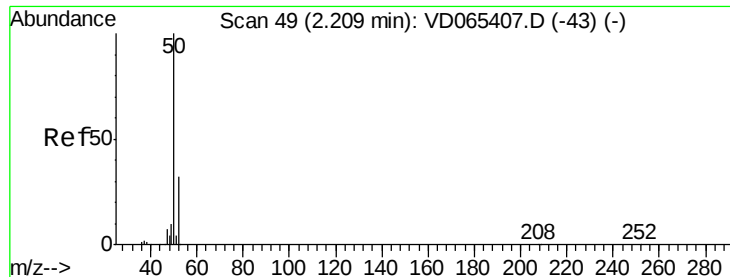
87 36.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 3.033 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

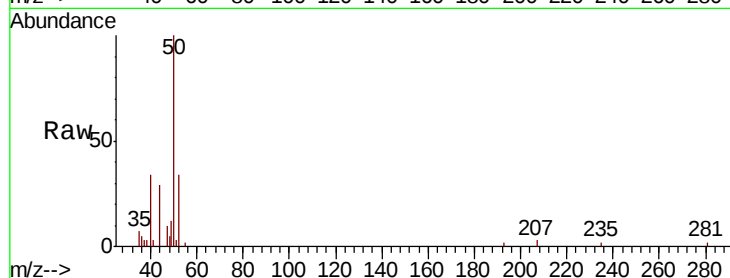
ClientSampleId :

Tot Ion: 50 Resp: 13741

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

12000

10000

8000

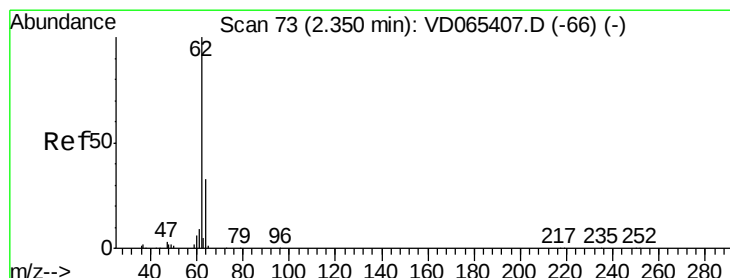
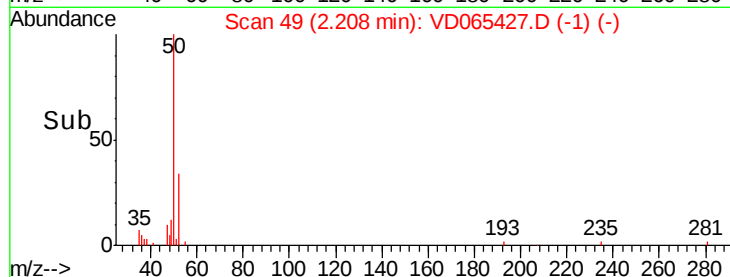
6000

4000

2000

0

Time-->



#4

Vinyl Chloride

Concen: 3.009 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065427.D

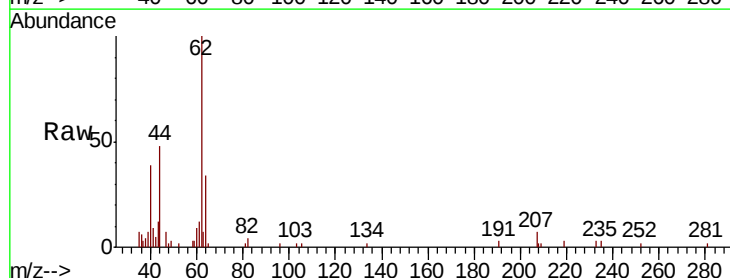
Acq: 05 Mar 2020 13:18

Tgt Ion: 62 Resp: 13446

Ion Ratio Lower Upper

62 100

64 33.9 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

10000

8000

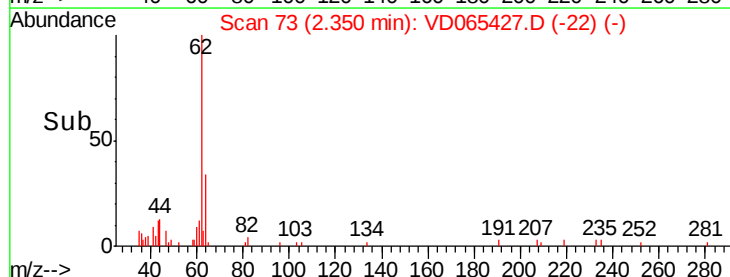
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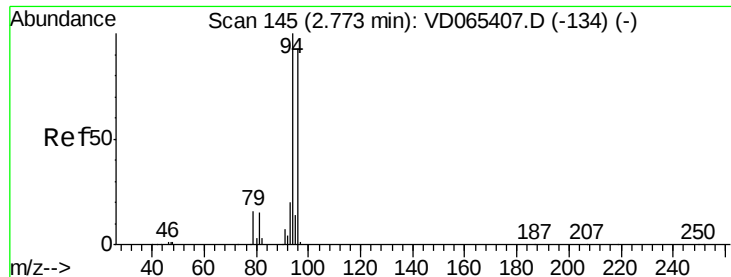
4000

2000

0

Time-->





#5

Bromomethane

Concen: 3.465 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

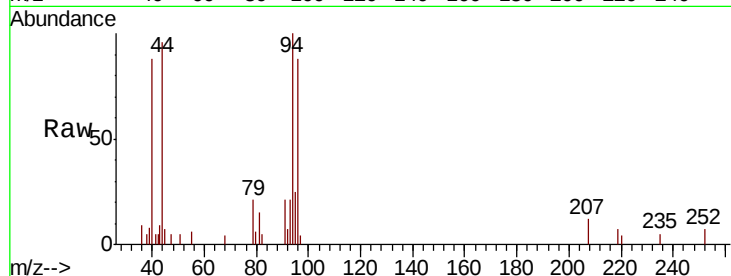
ClientSampleId :

Tot Ion: 94 Resp: 9902

Ion Ratio Lower Upper

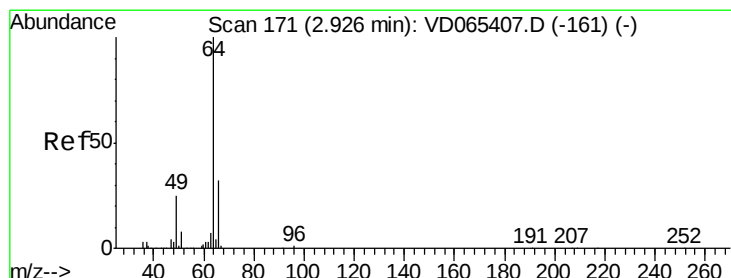
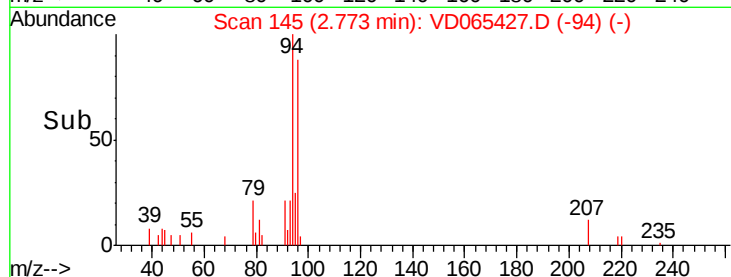
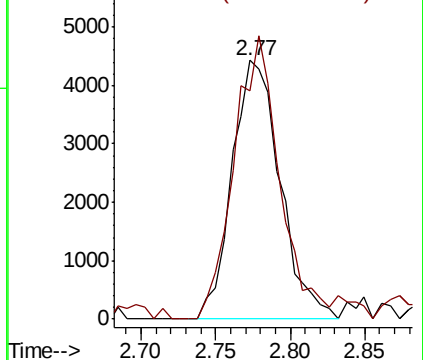
94 100

96 88.3 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: 3.120 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065427.D

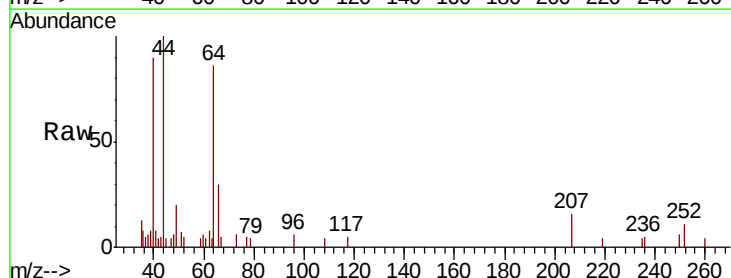
Acq: 05 Mar 2020 13:18

Tgt Ion: 64 Resp: 8540

Ion Ratio Lower Upper

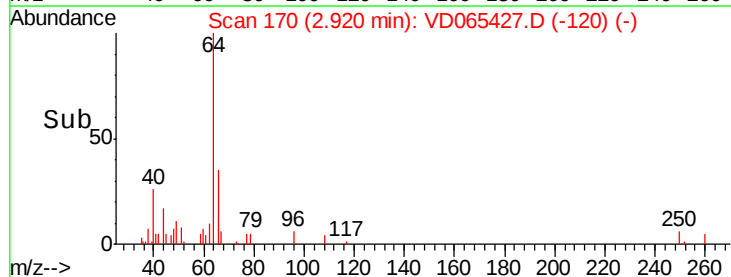
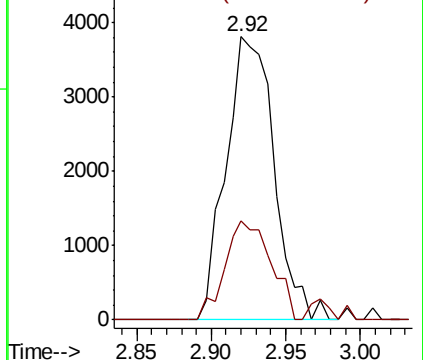
64 100

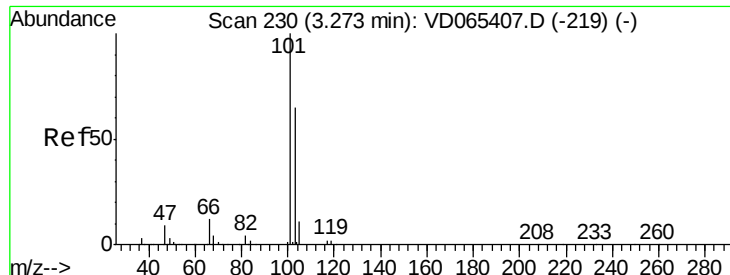
66 35.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



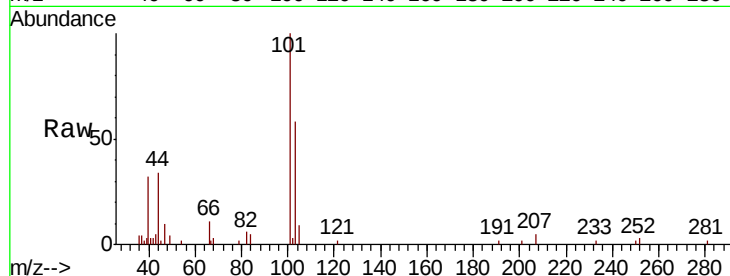


#7

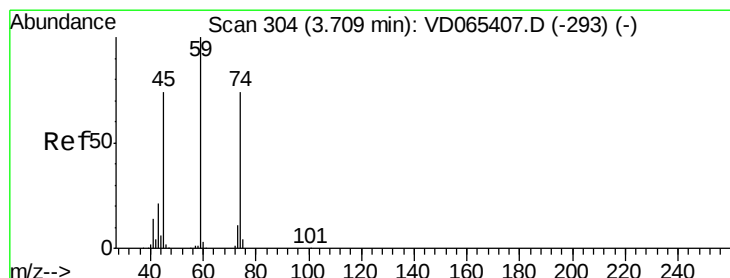
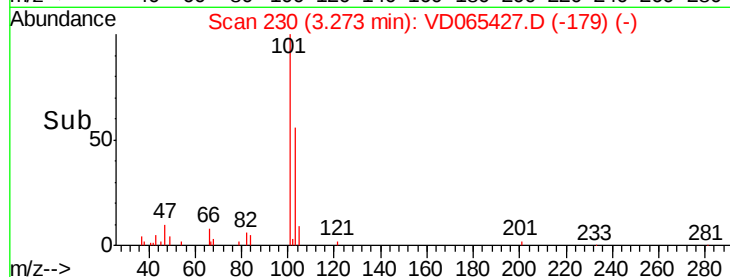
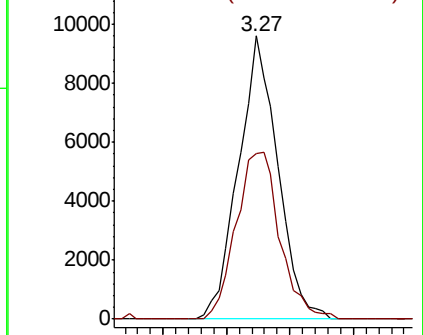
Trichlorofluoromethane  
 Concen: 3.127 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion:101 Resp: 20591  
 Ion Ratio Lower Upper  
 101 100  
 103 58.4 52.1 78.1



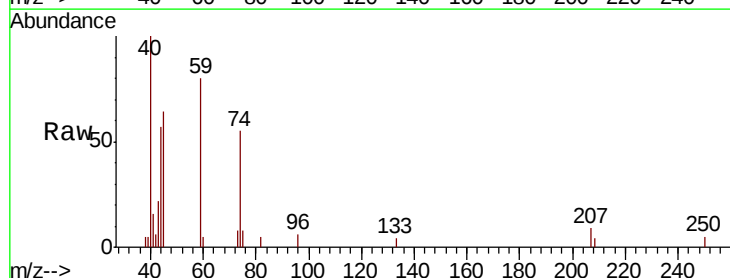
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



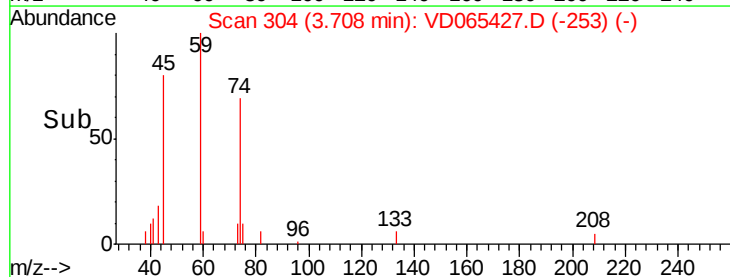
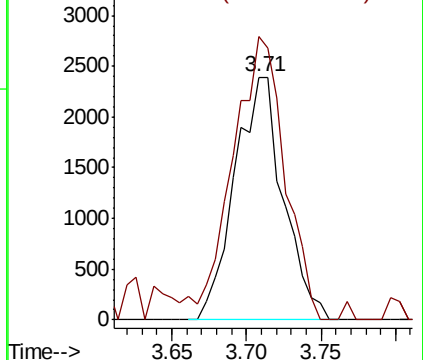
#8

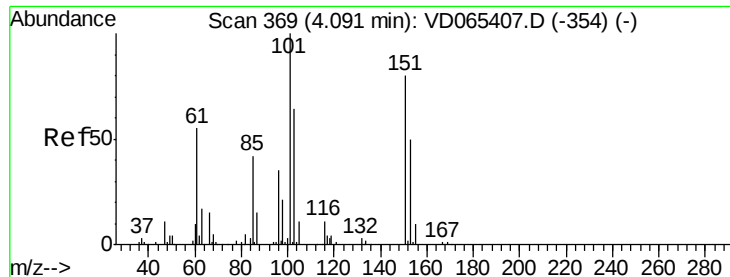
Diethyl Ether  
 Concen: 2.770 ug/l  
 RT: 3.71 min Scan# 304  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Tgt Ion: 74 Resp: 5424  
 Ion Ratio Lower Upper  
 74 100  
 45 123.3 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: 3.149 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

ClientSampleId :

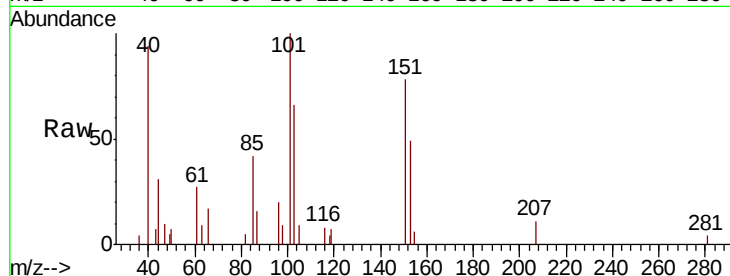
Tot Ion:101 Resp: 13357

Ion Ratio Lower Upper

101 100

85 44.9 34.2 51.2

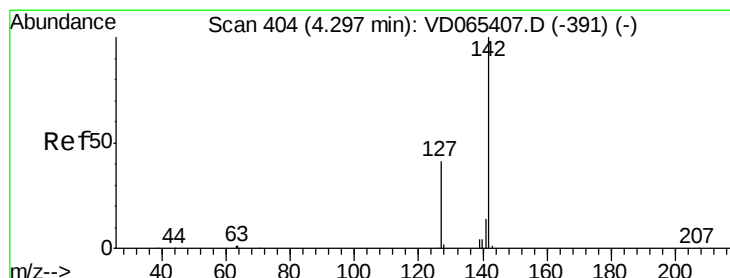
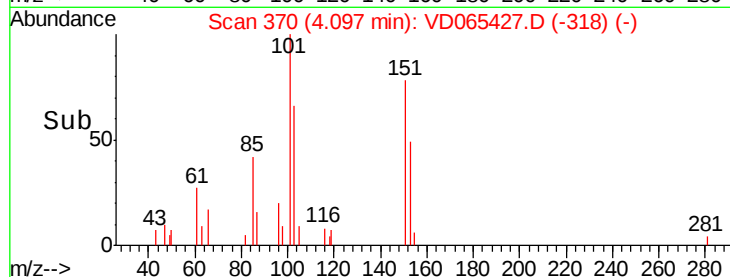
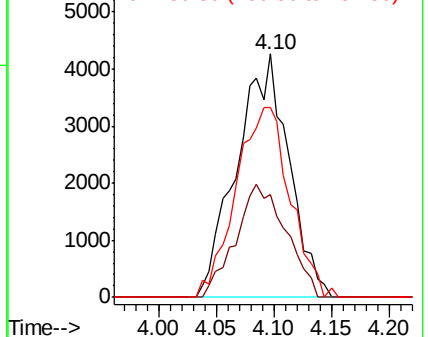
151 81.4 65.1 97.7



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: 2.645 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

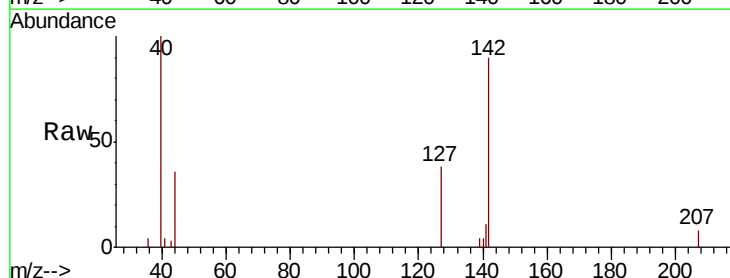
Tgt Ion:142 Resp: 11654

Ion Ratio Lower Upper

142 100

127 45.2 35.0 52.6

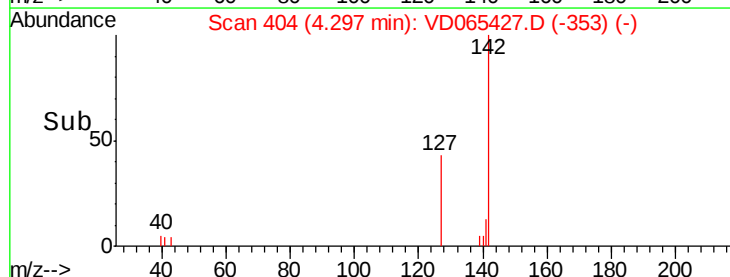
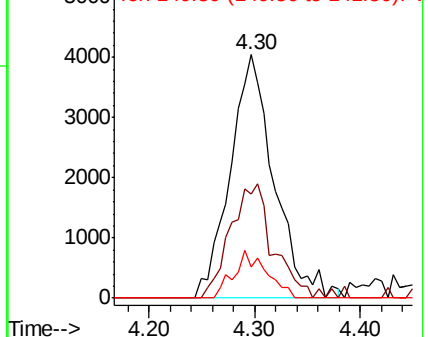
141 14.6 12.4 18.6

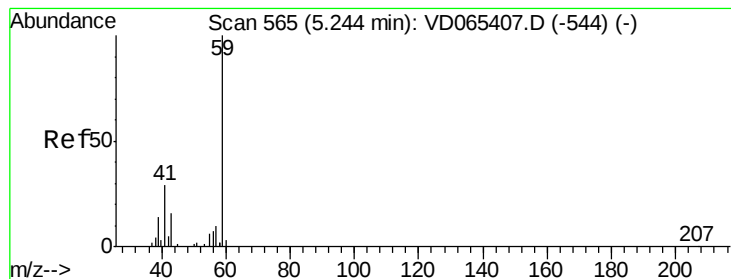


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



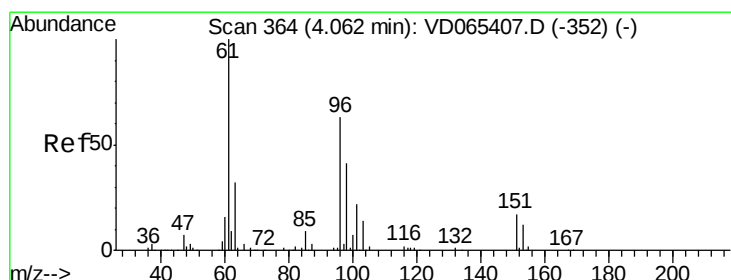
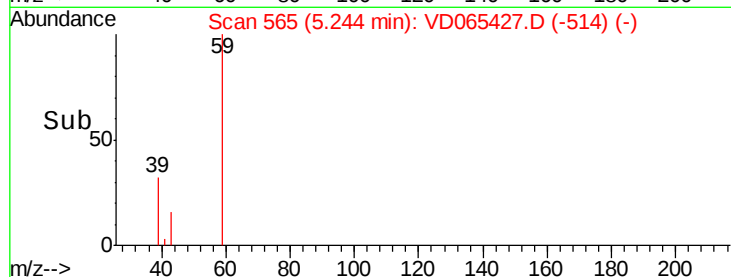
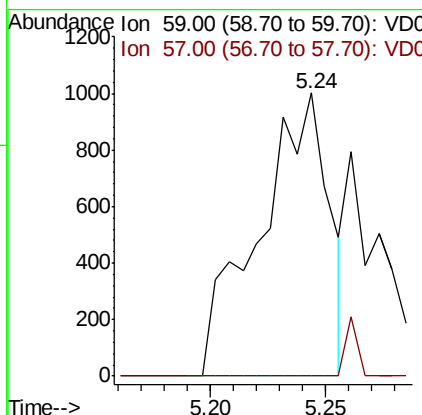
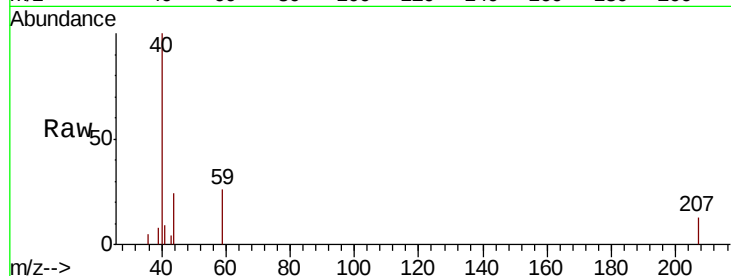


#11

Tert butyl alcohol  
Concen: 9.816 ug/l  
RT: 5.24 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampled :

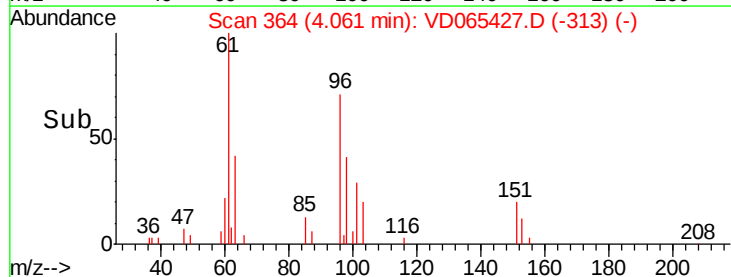
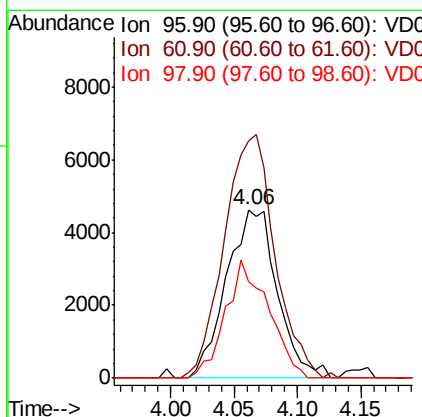
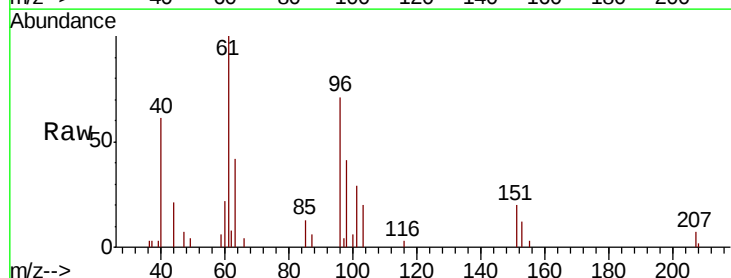
Tot Ion: 59 Resp: 2109  
Ion Ratio Lower Upper  
59 100  
57 3.5 6.9 10.3#

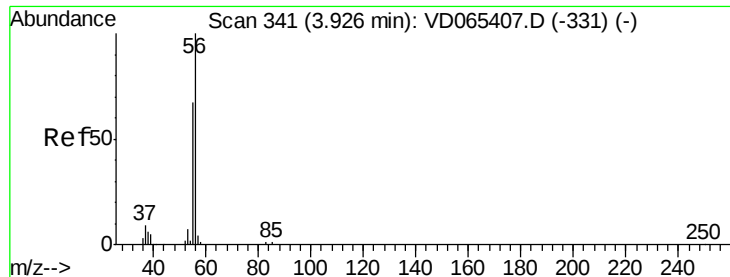


#12

1,1-Dichloroethene  
Concen: 3.188 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 96 Resp: 12946  
Ion Ratio Lower Upper  
96 100  
61 141.1 128.0 192.0  
98 57.3 51.9 77.9





#13

Acrolein

Concen: 13.374 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

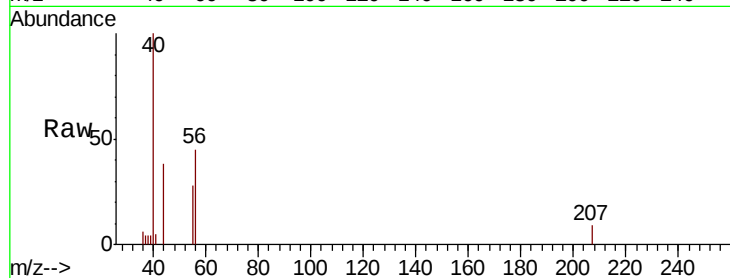
ClientSampleId :

Tot Ion: 56 Resp: 4956

Ion Ratio Lower Upper

56 100

55 69.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

2000

1500

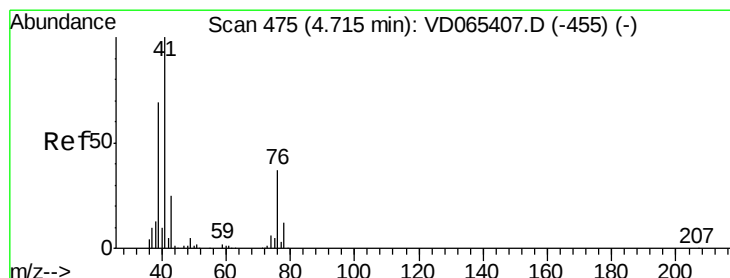
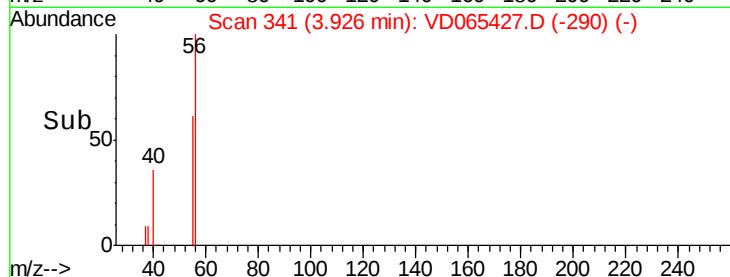
1000

500

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 2.904 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

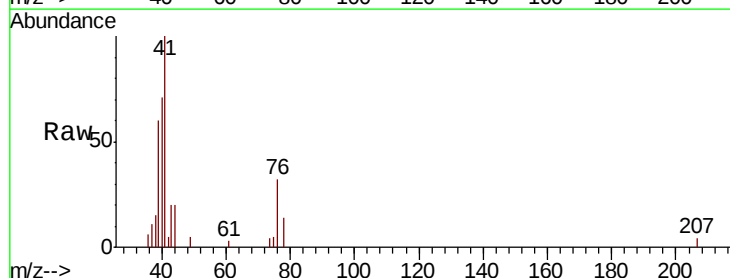
Tgt Ion: 41 Resp: 18118

Ion Ratio Lower Upper

41 100

39 66.3 52.6 79.0

76 35.1 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

8000

6000

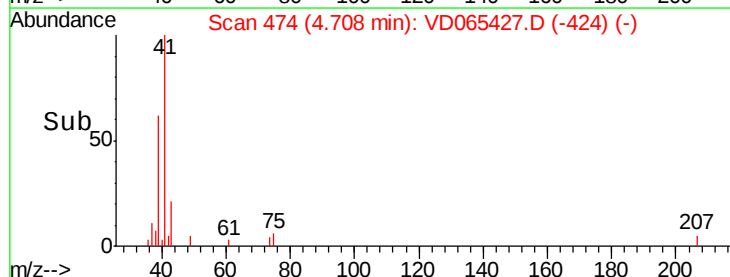
4000

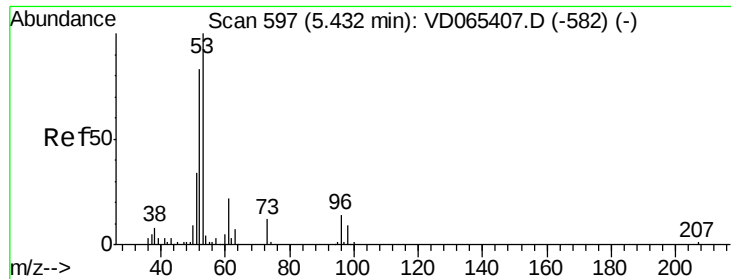
2000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 15.168 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

ClientSampleId :

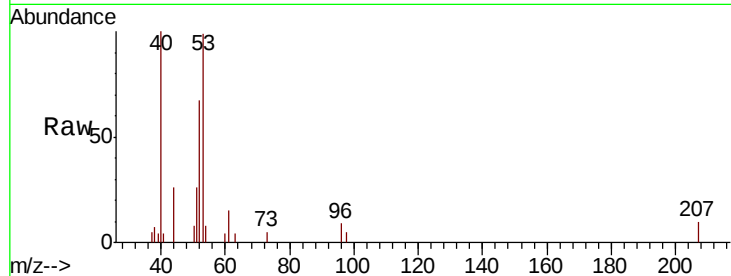
Tot Ion: 53 Resp: 12923

Ion Ratio Lower Upper

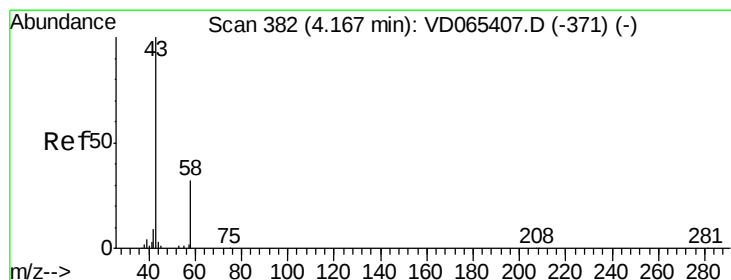
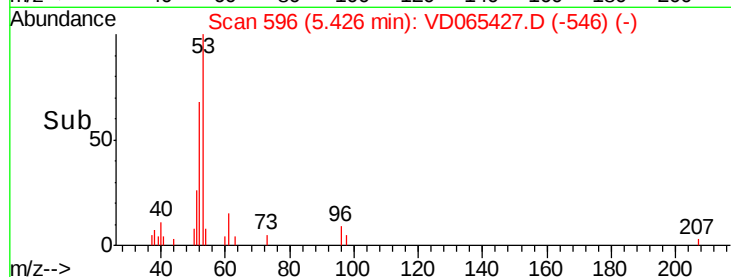
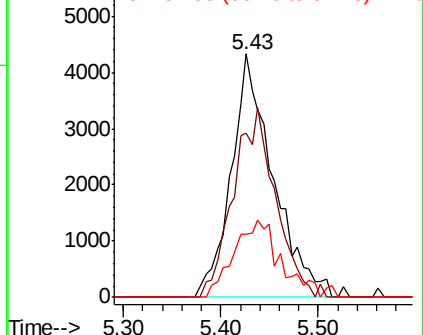
53 100

52 78.9 65.1 97.7

51 35.3 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: 17.382 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065427.D

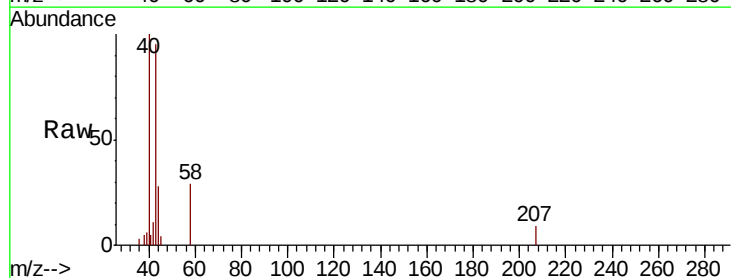
Acq: 05 Mar 2020 13:18

Tgt Ion: 43 Resp: 13168

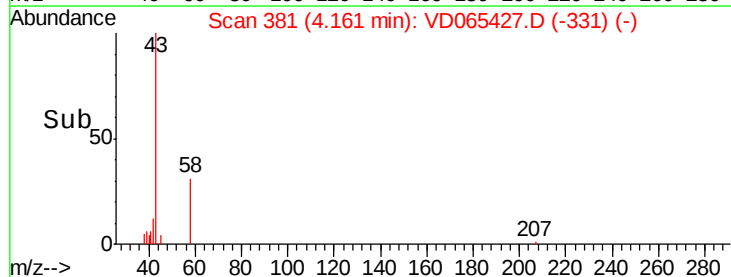
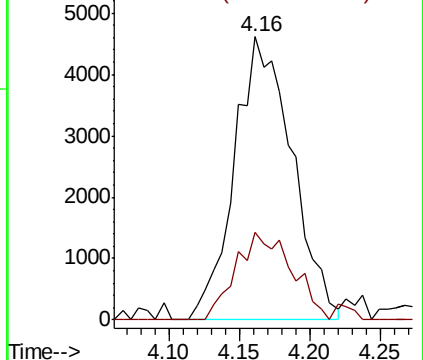
Ion Ratio Lower Upper

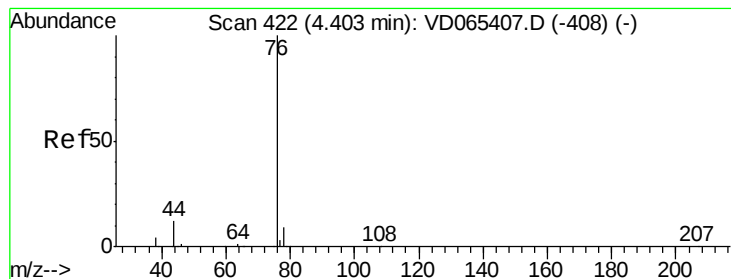
43 100

58 30.9 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: 3.079 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

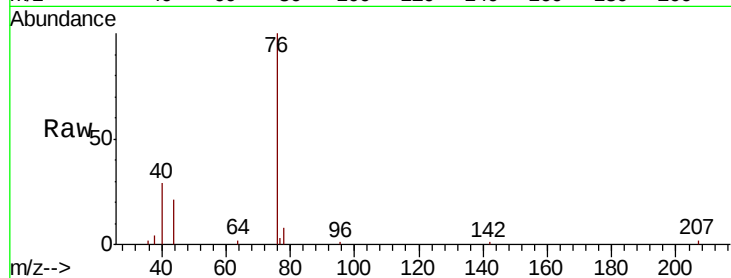
ClientSampleId :

Tot Ion: 76 Resp: 41641

Ion Ratio Lower Upper

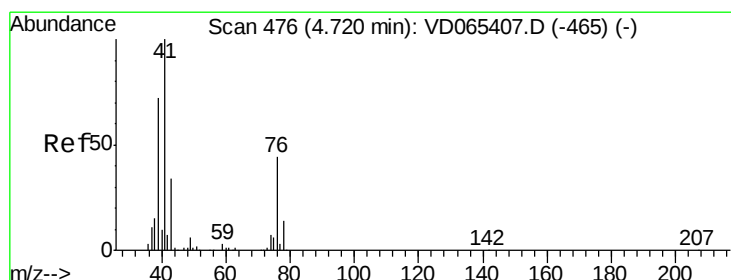
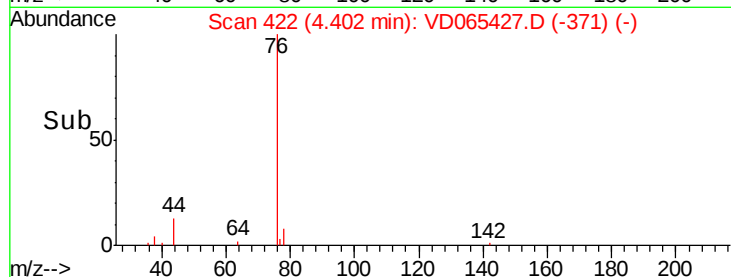
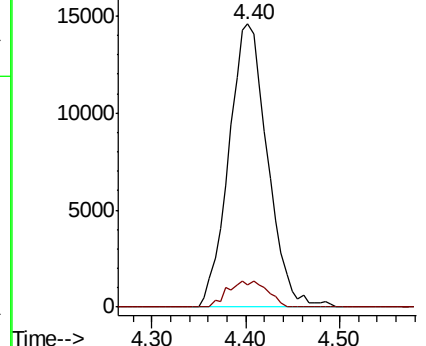
76 100

78 7.8 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: 1.709 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065427.D

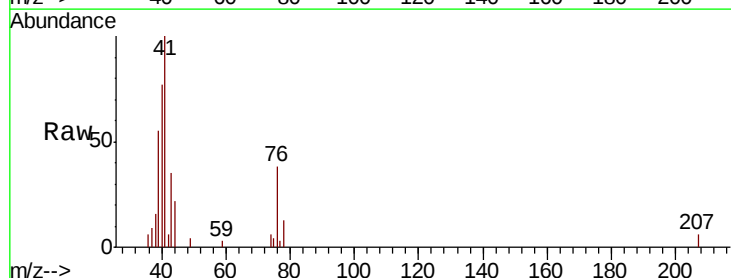
Acq: 05 Mar 2020 13:18

Tgt Ion: 43 Resp: 3285

Ion Ratio Lower Upper

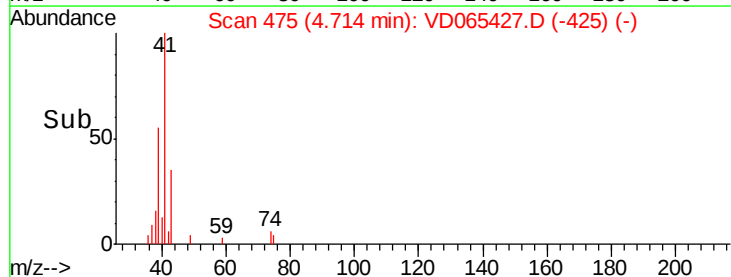
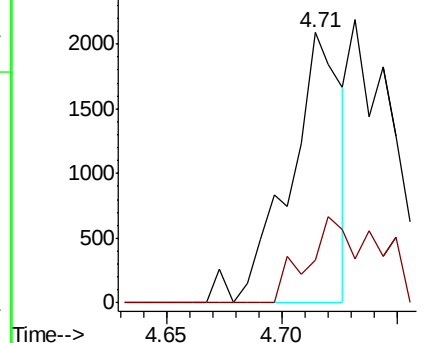
43 100

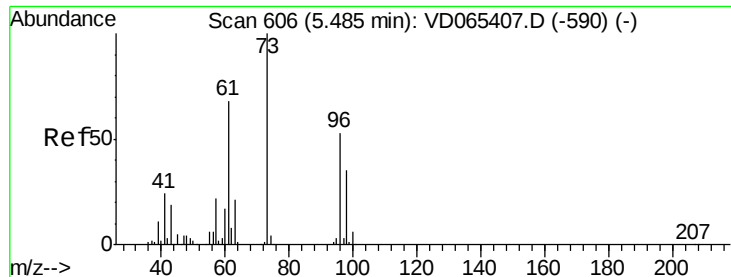
74 26.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



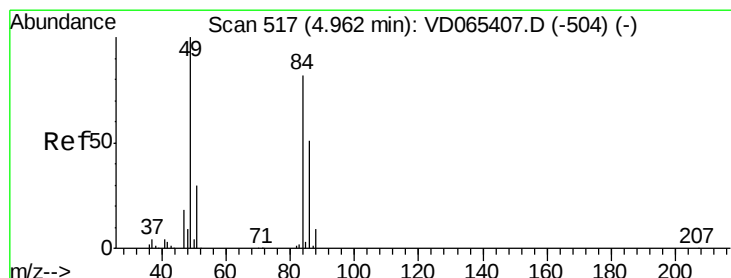
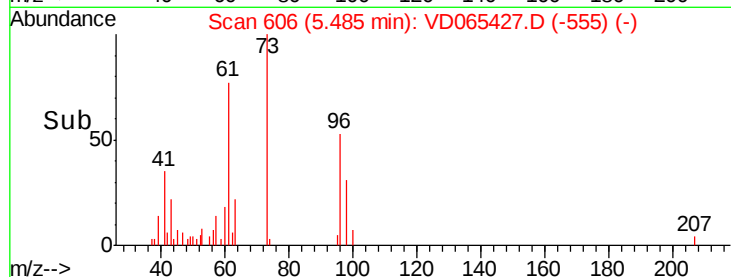
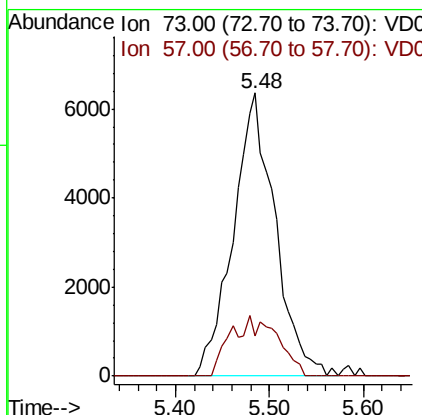
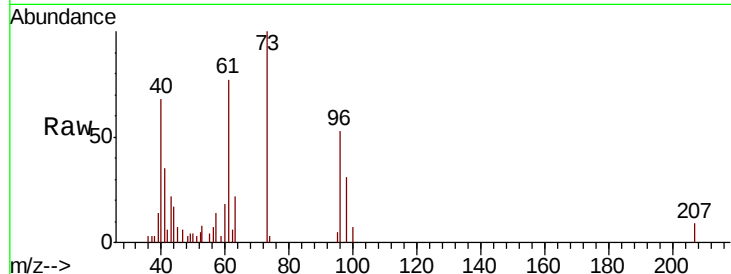


#19

Methyl tert-butyl Ether  
 Concen: 2.518 ug/l  
 RT: 5.48 min Scan# 606  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Instrument :  
 MSVOA\_D  
 ClientSampled :

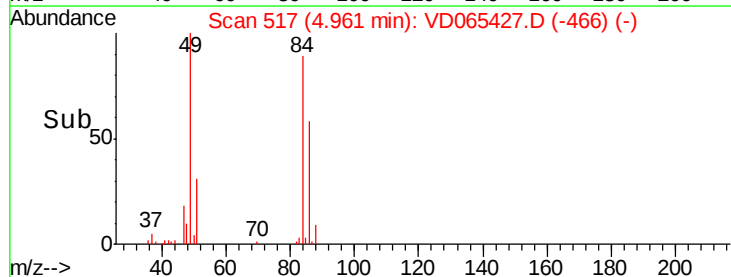
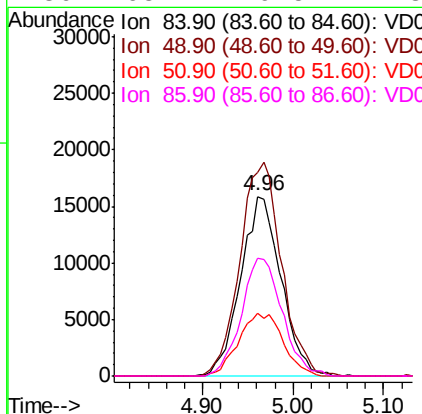
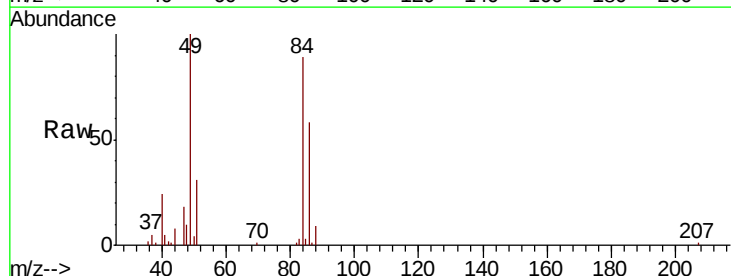
Tot Ion: 73 Resp: 19667  
 Ion Ratio Lower Upper  
 73 100  
 57 14.3 17.3 25.9#

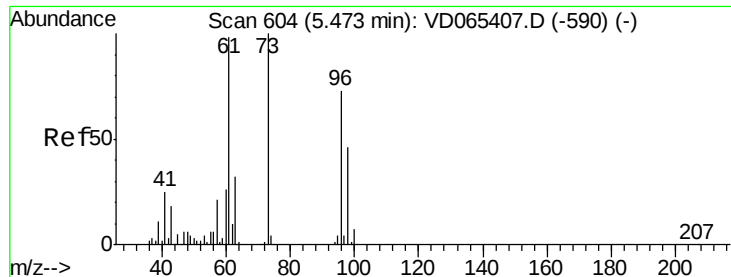


#20

Methylene Chloride  
 Concen: 10.506 ug/l  
 RT: 4.96 min Scan# 517  
 Delta R.T. 0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Tgt Ion: 84 Resp: 49238  
 Ion Ratio Lower Upper  
 84 100  
 49 112.9 97.7 146.5  
 51 34.7 28.8 43.2  
 86 65.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 2.975 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

ClientSampleId :

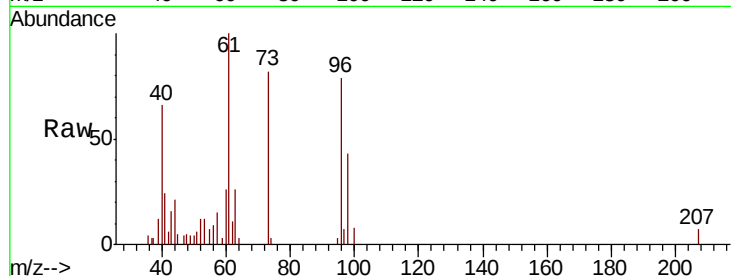
Tot Ion: 96 Resp: 13442

Ion Ratio Lower Upper

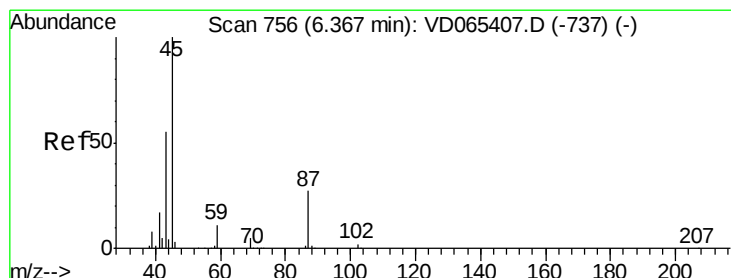
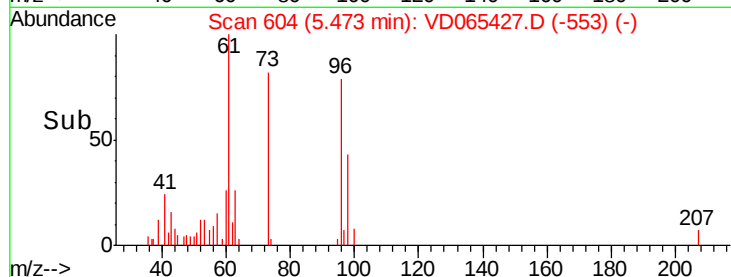
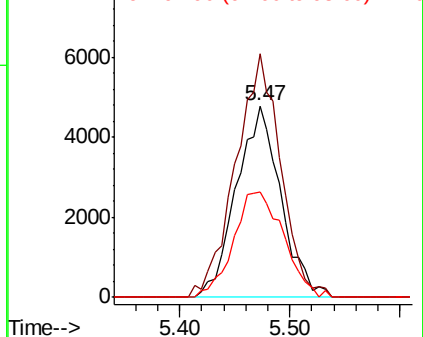
96 100

61 127.1 106.3 159.5

98 55.1 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: 2.409 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Tgt Ion: 45 Resp: 27933

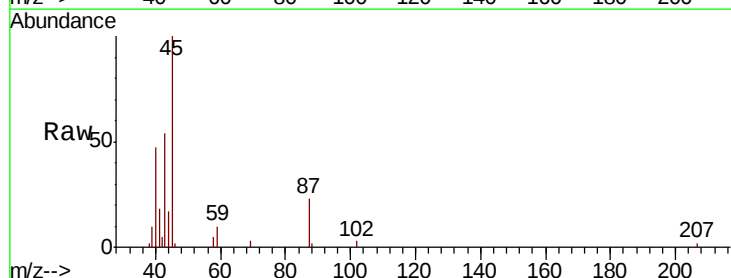
Ion Ratio Lower Upper

45 100

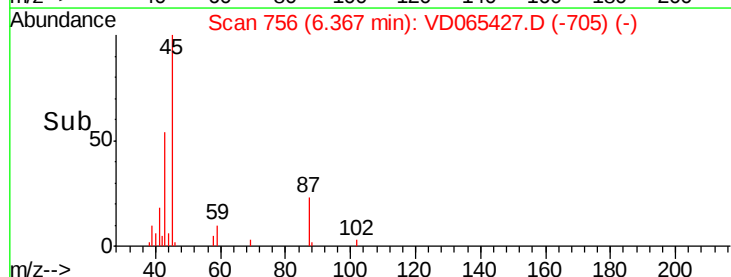
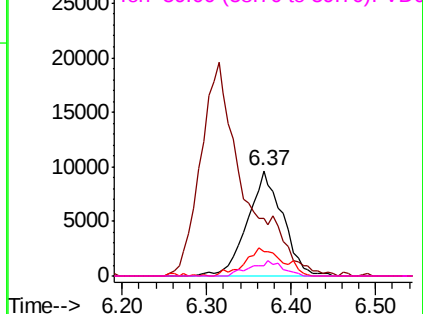
43 54.3 44.4 66.6

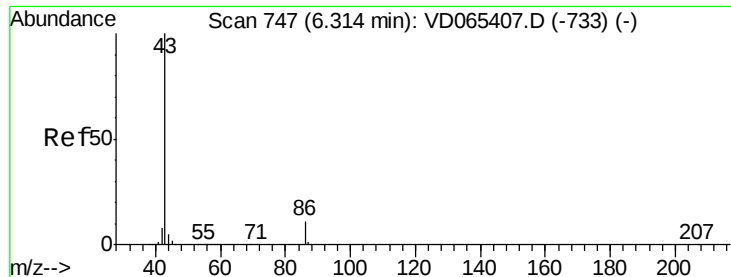
87 23.5 21.9 32.9

59 9.5 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: 10.970 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

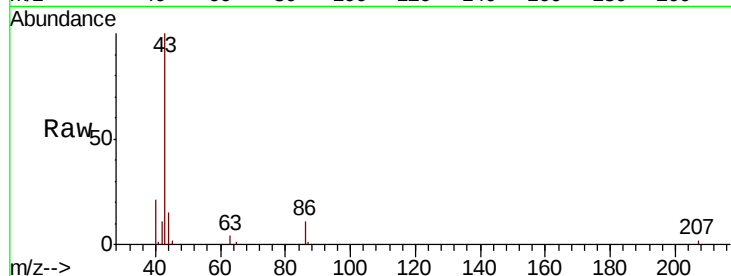
ClientSampleId :

Tot Ion: 43 Resp: 70641

Ion Ratio Lower Upper

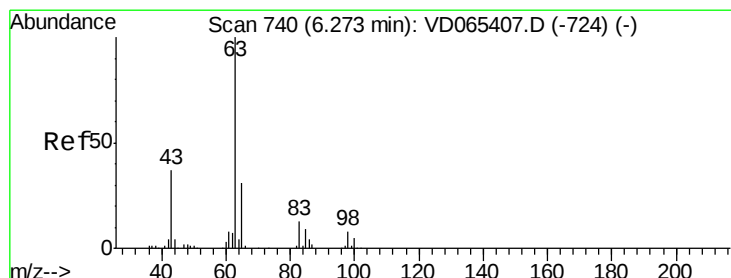
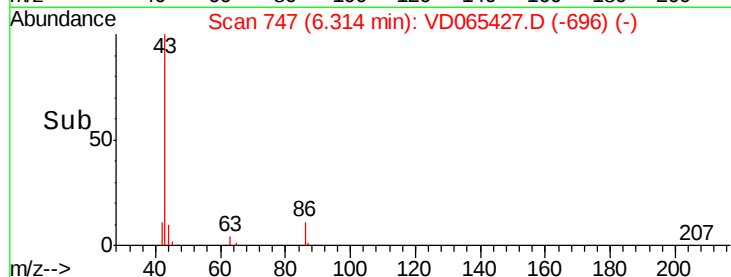
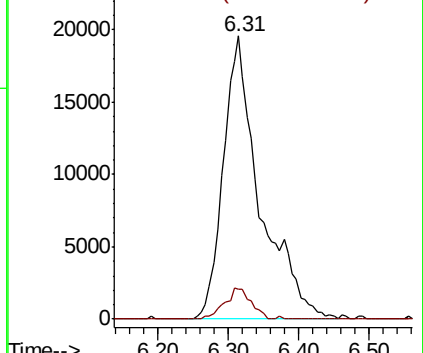
43 100

86 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 2.976 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

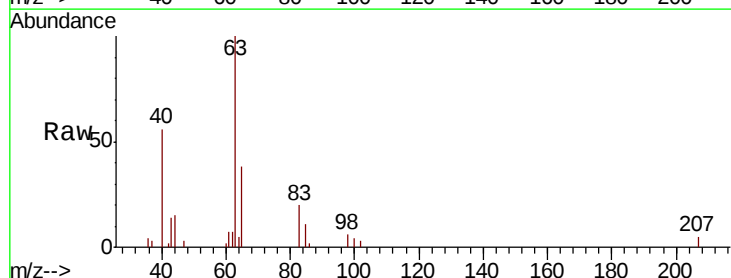
Tgt Ion: 63 Resp: 22141

Ion Ratio Lower Upper

63 100

98 6.0 4.2 12.6

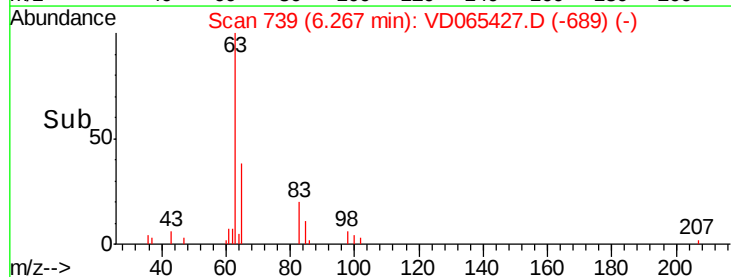
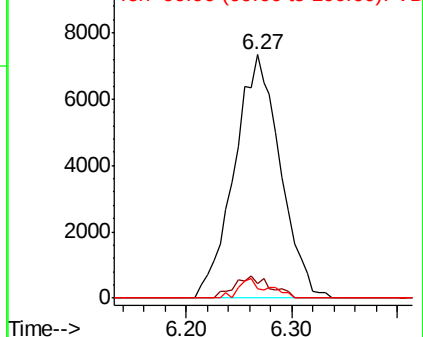
100 3.6 2.4 7.2

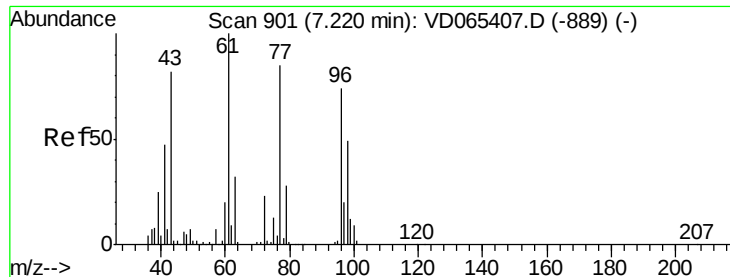


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 13.093 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

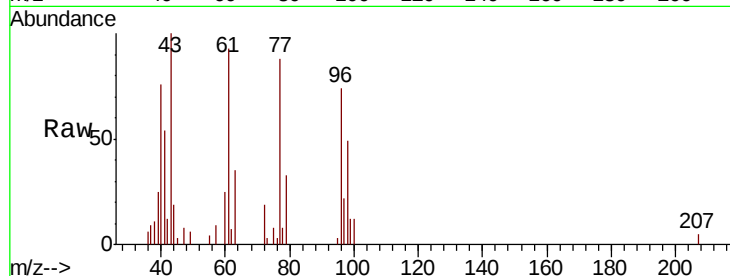
ClientSampled :

Tot Ion: 43 Resp: 13536

Ion Ratio Lower Upper

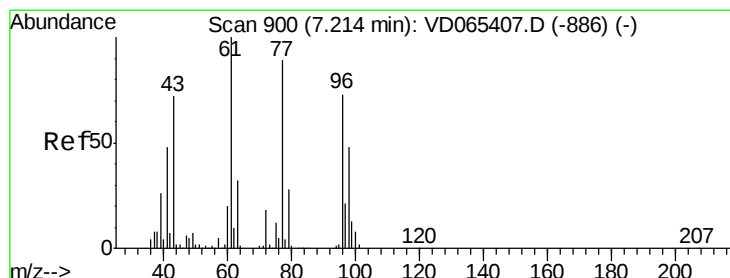
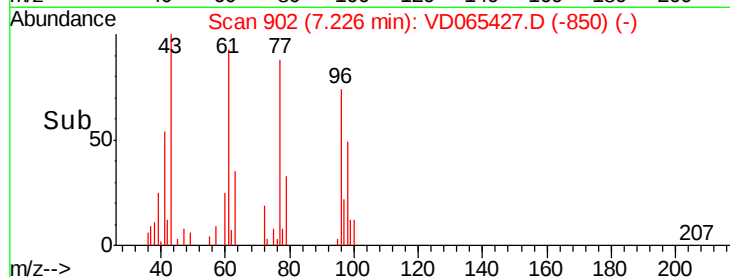
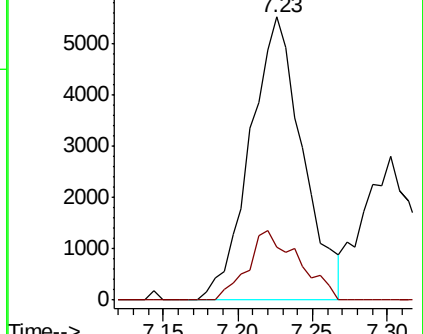
43 100

72 18.6 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 2.820 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065427.D

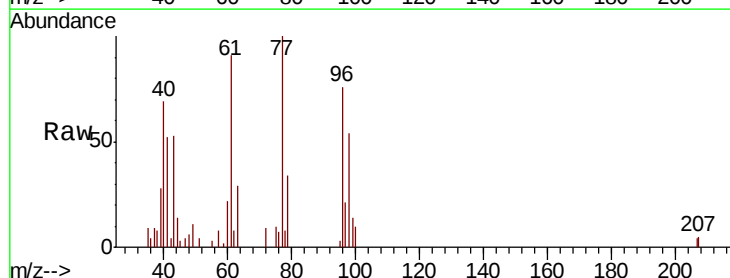
Acq: 05 Mar 2020 13:18

Tgt Ion: 77 Resp: 18330

Ion Ratio Lower Upper

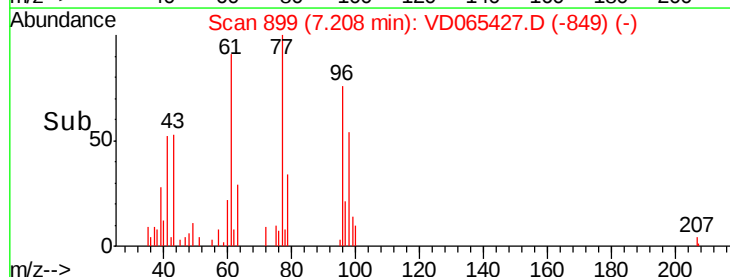
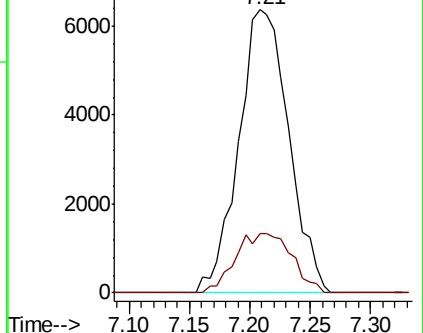
77 100

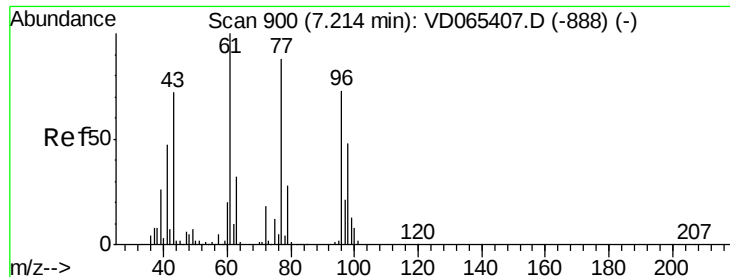
97 23.7 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



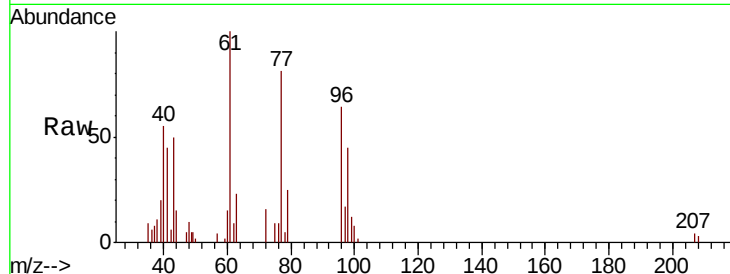


#27

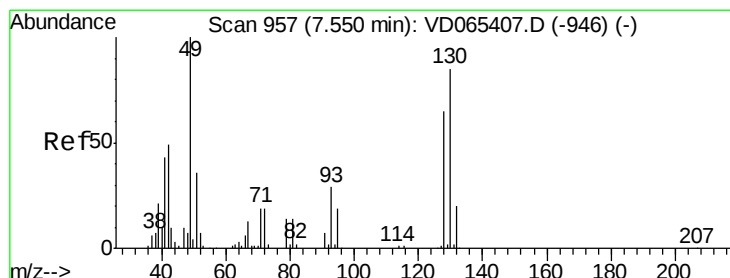
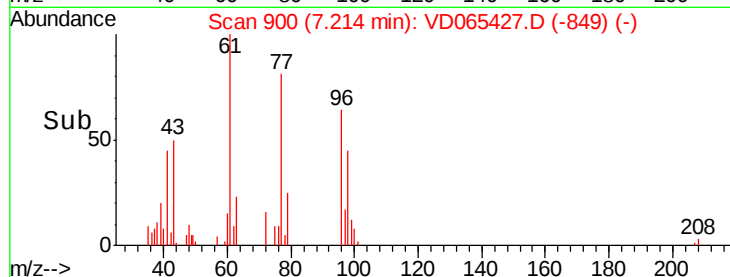
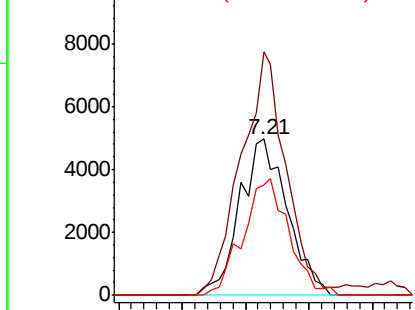
cis-1,2-Dichloroethene  
Concen: 2.787 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 96 Resp: 12868  
Ion Ratio Lower Upper  
96 100  
61 148.3 0.0 280.4  
98 72.4 0.0 132.6



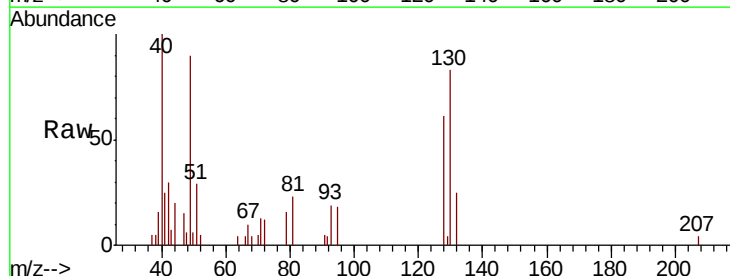
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



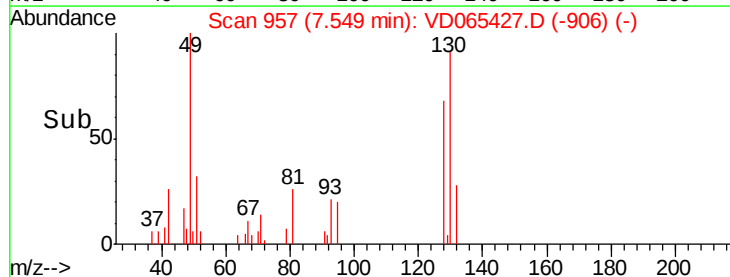
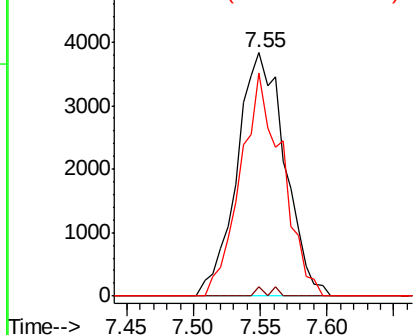
#28

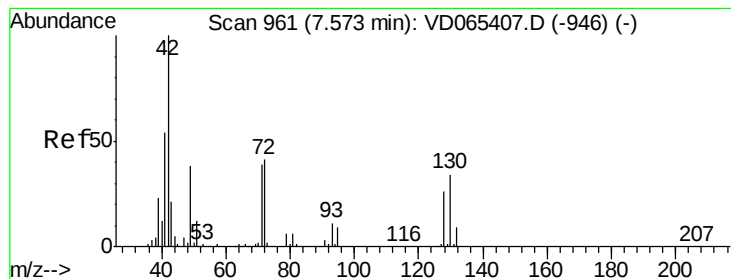
Bromochloromethane  
Concen: 3.207 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 49 Resp: 9544  
Ion Ratio Lower Upper  
49 100  
129 1.1 0.0 4.6  
130 80.0 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: 12.813 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

ClientSampleId :

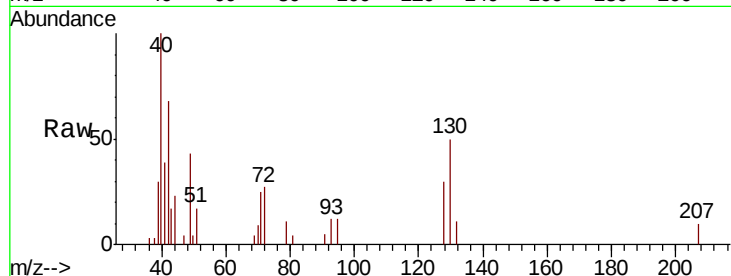
Tot Ion: 42 Resp: 8459

Ion Ratio Lower Upper

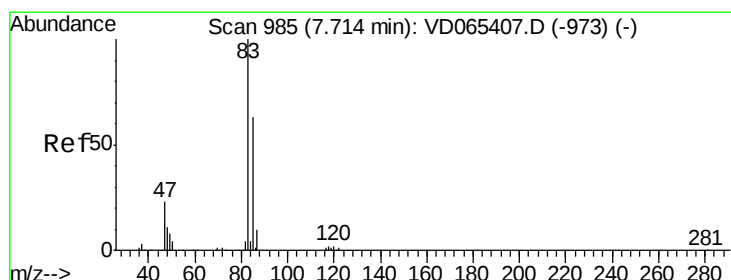
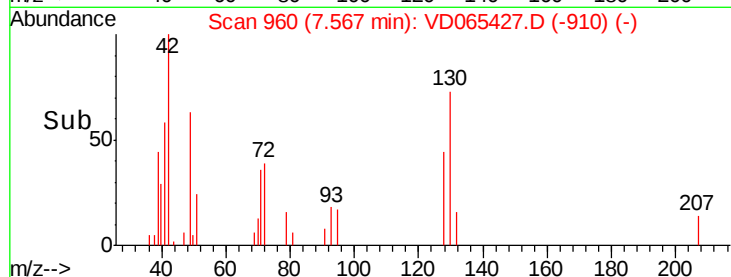
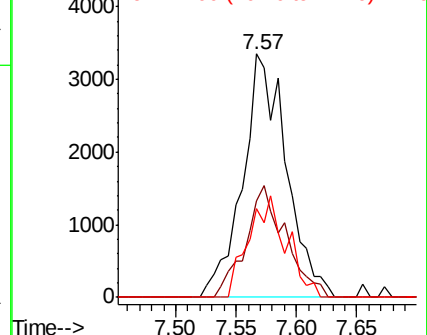
42 100

72 41.9 33.0 49.6

71 36.0 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 3.146 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD065427.D

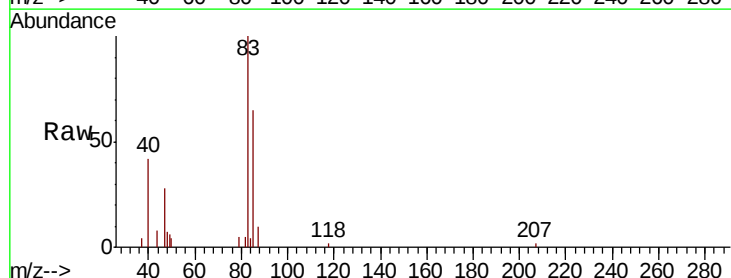
Acq: 05 Mar 2020 13:18

Tgt Ion: 83 Resp: 23389

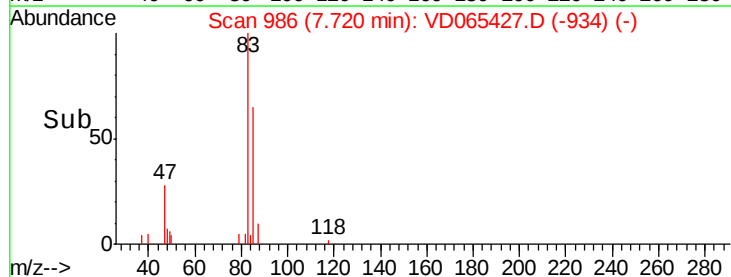
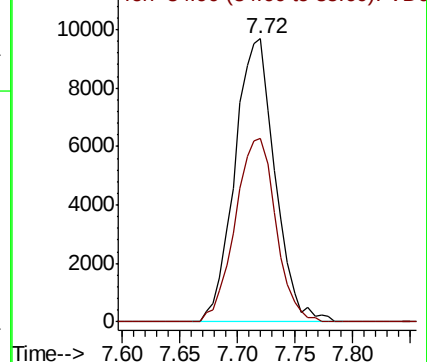
Ion Ratio Lower Upper

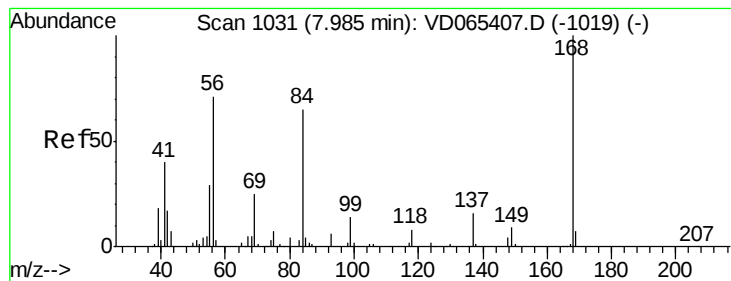
83 100

85 64.8 50.3 75.5



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





#31

Cyclohexane

Concen: 3.472 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

ClientSampleId :

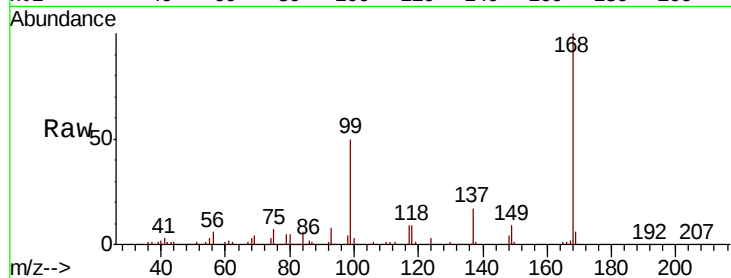
Tot Ion: 56 Resp: 25828

Ion Ratio Lower Upper

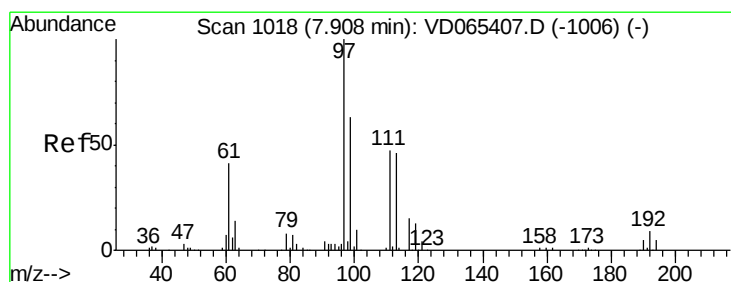
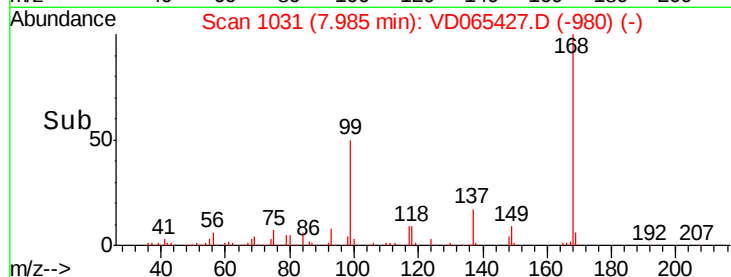
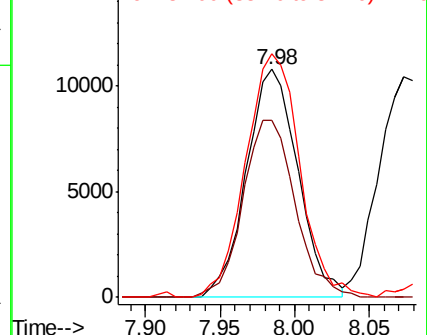
56 100

69 77.6 28.3 42.5#

84 106.8 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: 3.028 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

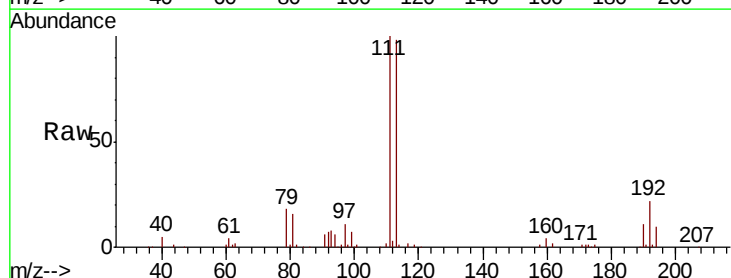
Tgt Ion: 97 Resp: 20805

Ion Ratio Lower Upper

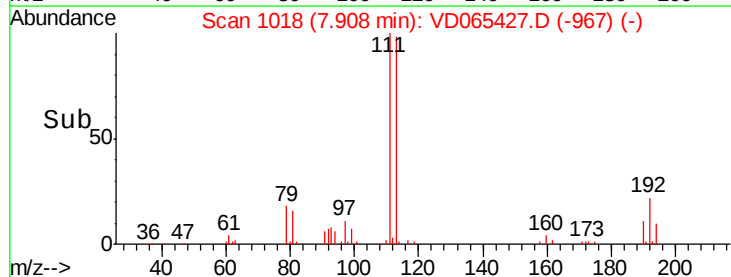
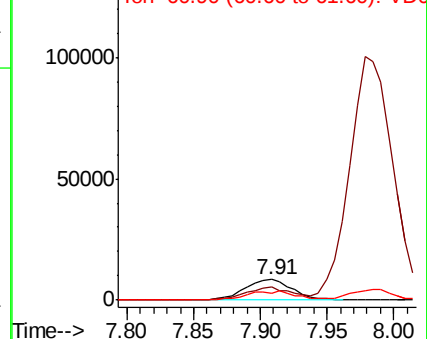
97 100

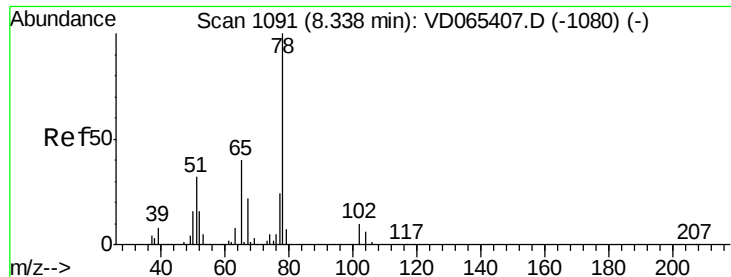
99 61.6 50.9 76.3

61 45.2 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: 57.157 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

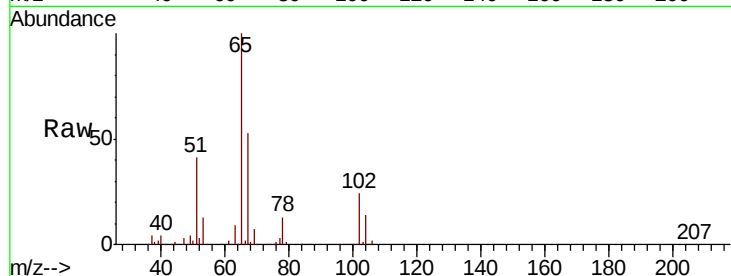
ClientSampleId :

Tot Ion: 65 Resp: 214105

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

60000

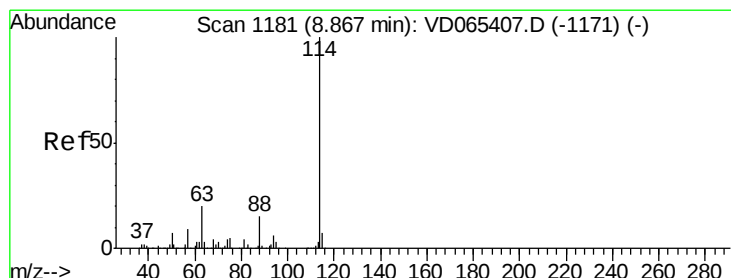
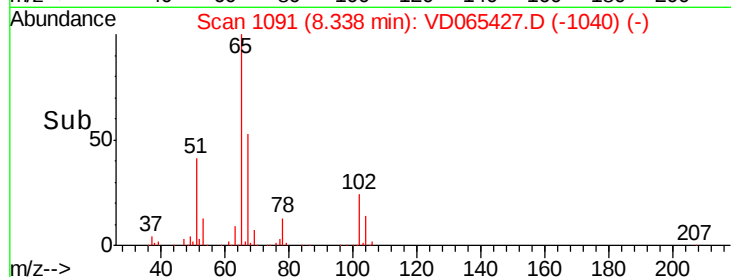
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

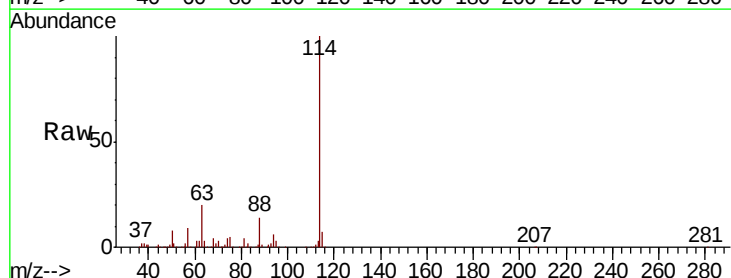
Tgt Ion: 114 Resp: 679310

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 14.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

400000

300000

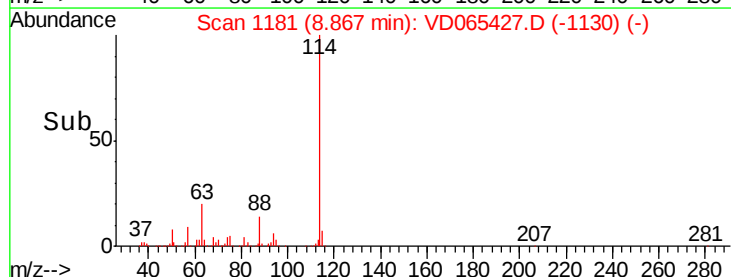
200000

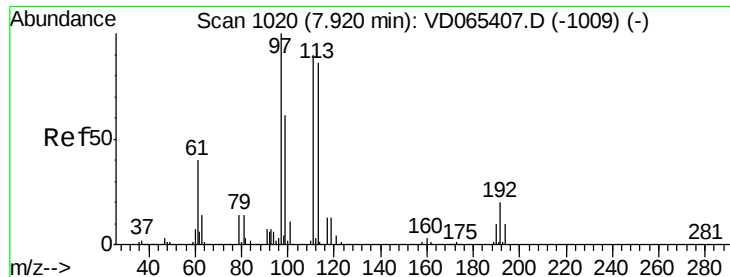
100000

0

8.80 8.90 9.00

Time-->

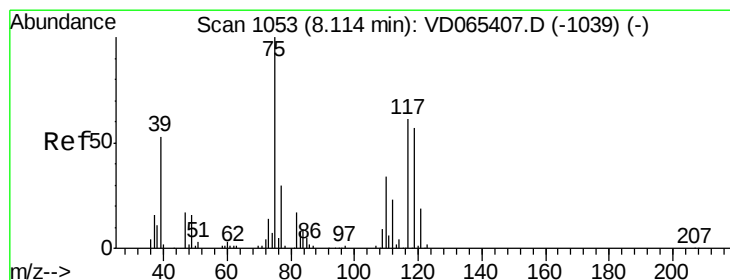
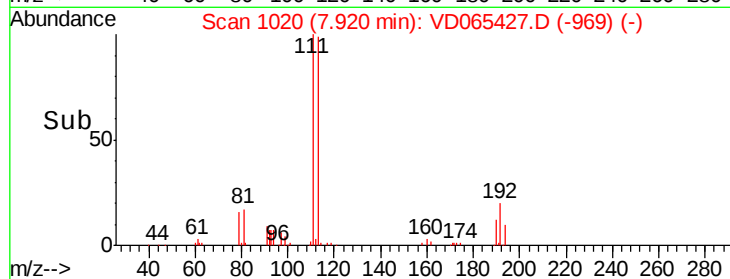
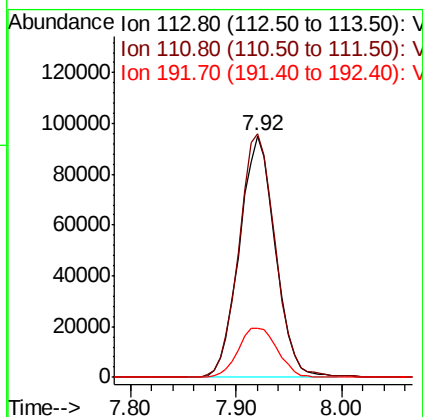
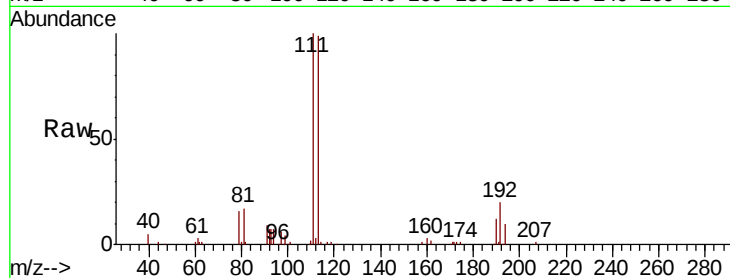




#35  
 Dibromofluoromethane  
 Concen: 53.162 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

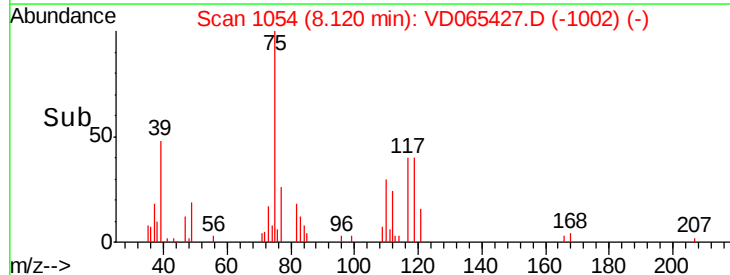
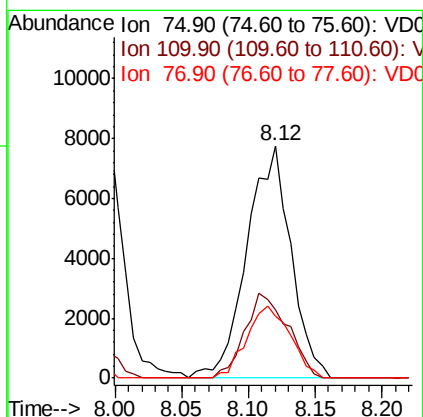
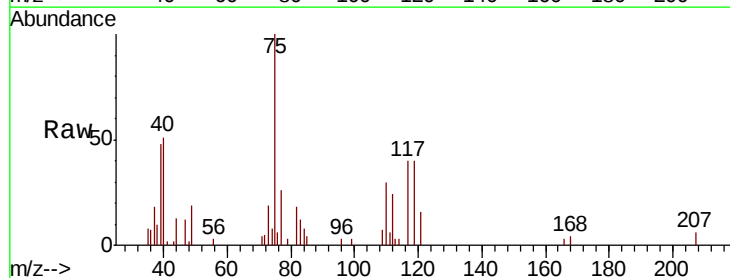
Instrument :  
 MSVOA\_D  
 ClientSampleId :

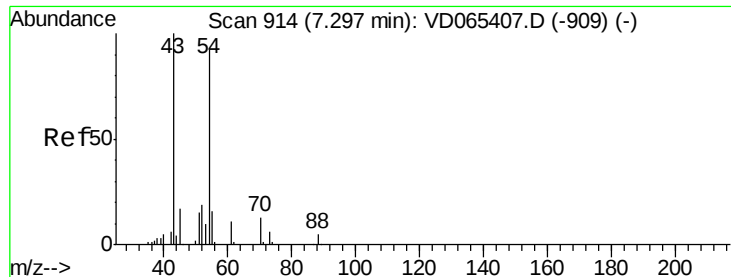
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 82.1  | 123.1 |
| 192     | 22.4  | 17.2  | 25.8  |



#36  
 1,1-Dichloropropene  
 Concen: 2.718 ug/l  
 RT: 8.12 min Scan# 1054  
 Delta R.T. 0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.8  | 18.1  | 54.1  |
| 77      | 30.7  | 25.2  | 37.8  |

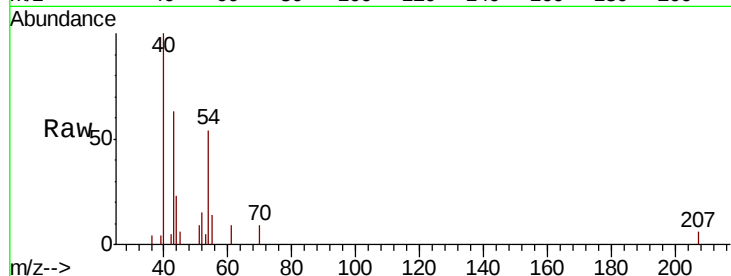




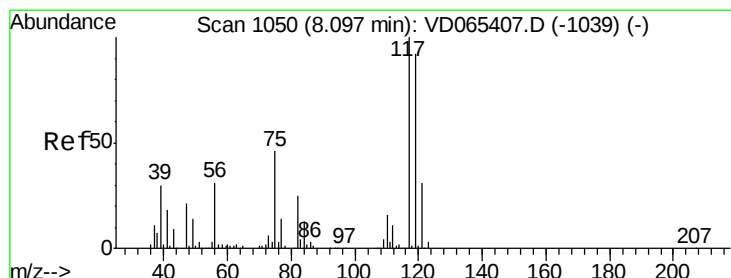
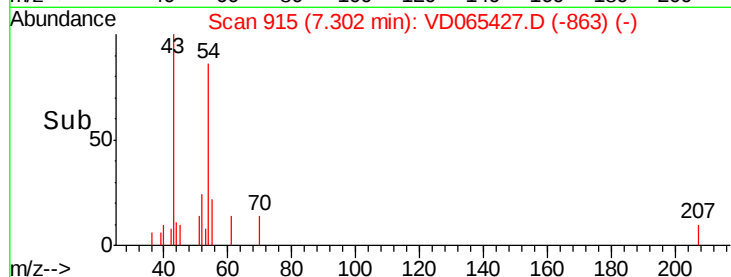
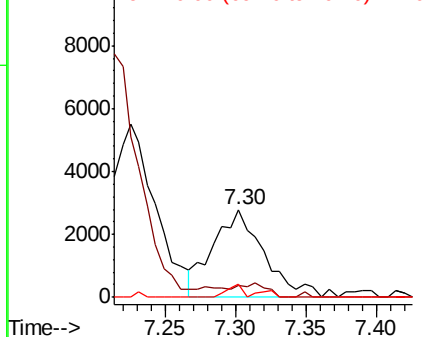
#37  
Ethyl Acetate  
Concen: 2.810 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 7072  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.4 17.0#  
70 4.3 9.0 13.4#

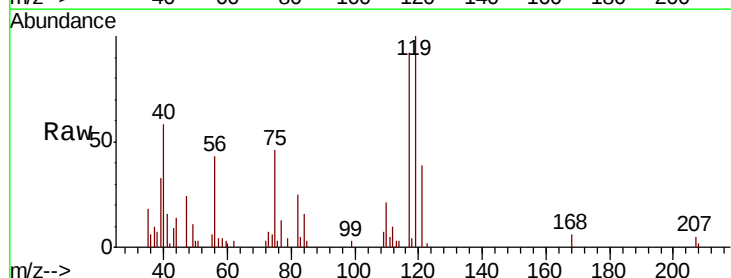


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 70.00 (69.70 to 70.70): VDC

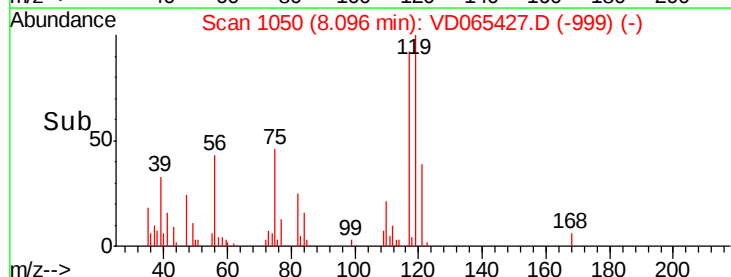
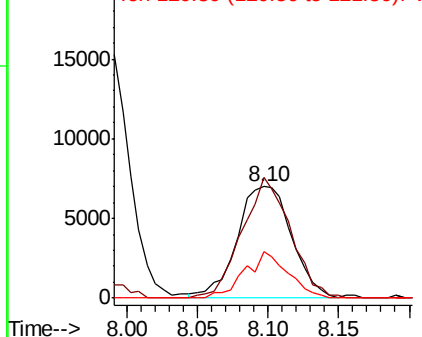


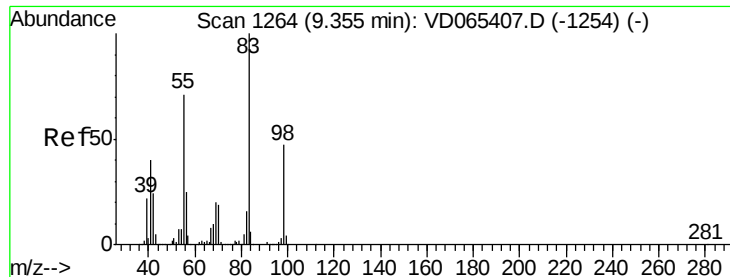
#38  
Carbon Tetrachloride  
Concen: 2.813 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 117 Resp: 18994  
Ion Ratio Lower Upper  
117 100  
119 108.6 73.3 109.9  
121 41.9 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

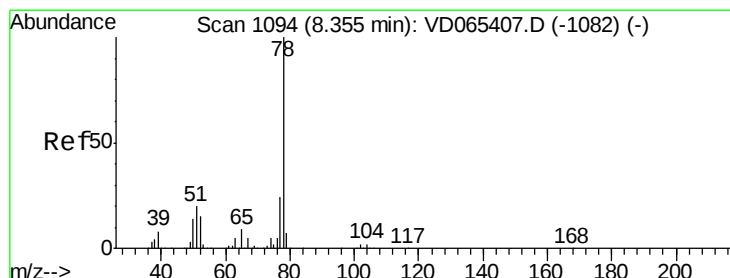
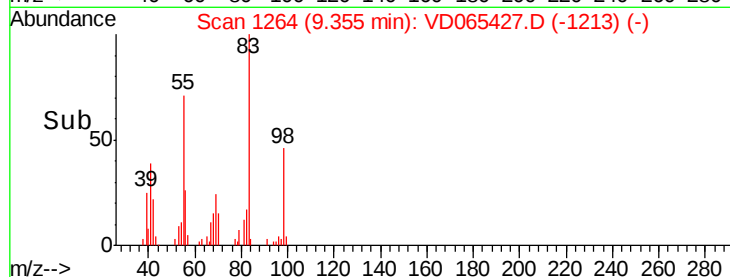
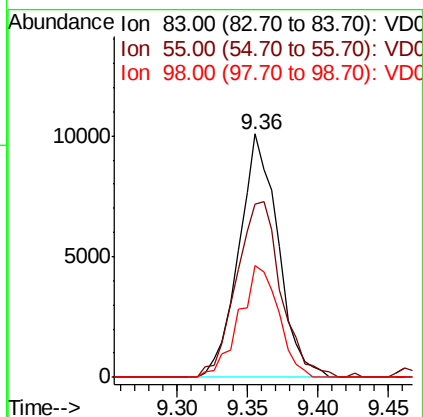
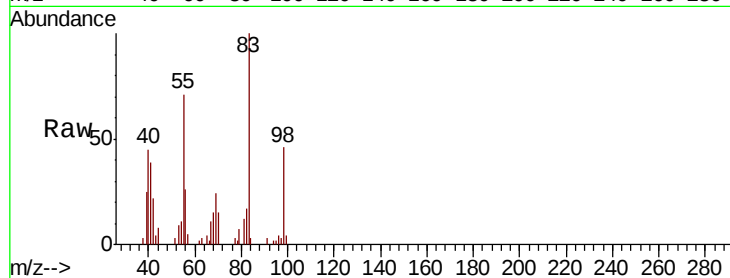




#39  
Methvlcvclohexane  
Concen: 2.489 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

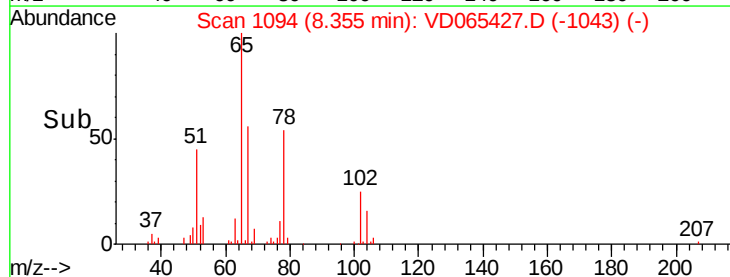
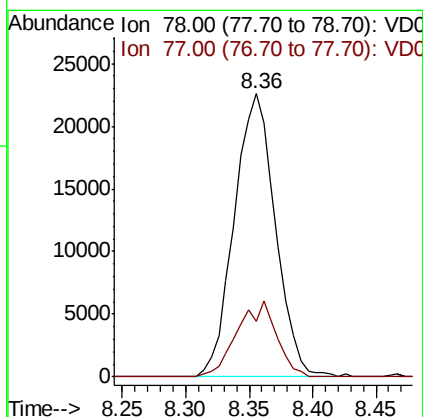
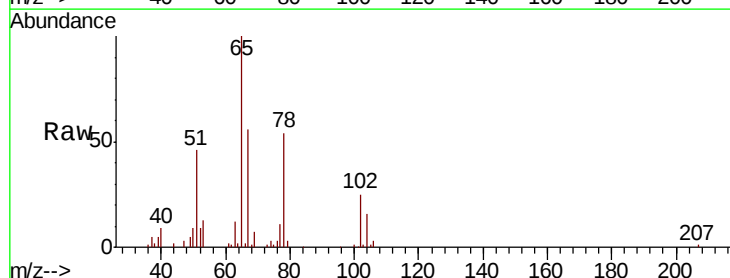
Instrument :  
MSVOA\_D  
ClientSampleId :

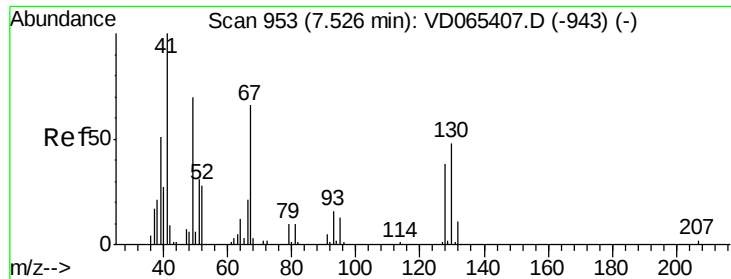
Tot Ion: 83 Resp: 19578  
Ion Ratio Lower Upper  
83 100  
55 70.9 57.1 85.7  
98 45.8 37.8 56.8



#40  
Benzene  
Concen: 2.794 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 78 Resp: 50875  
Ion Ratio Lower Upper  
78 100  
77 19.6 19.4 29.0

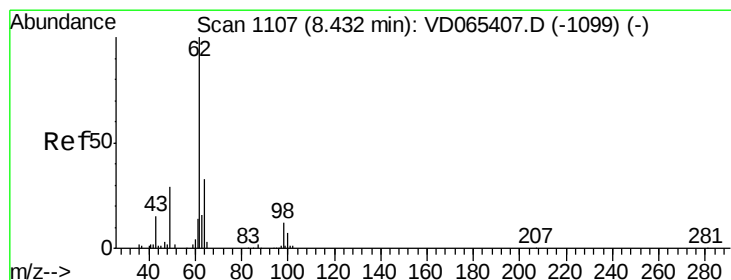
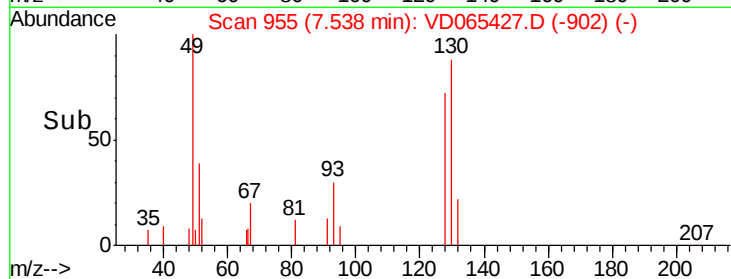
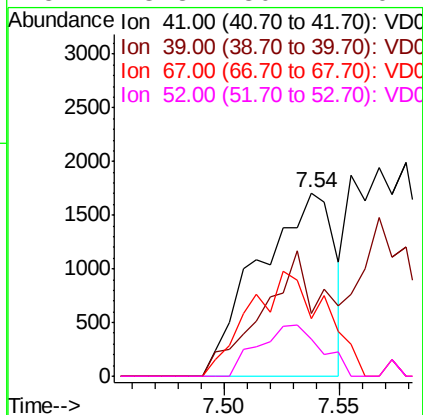
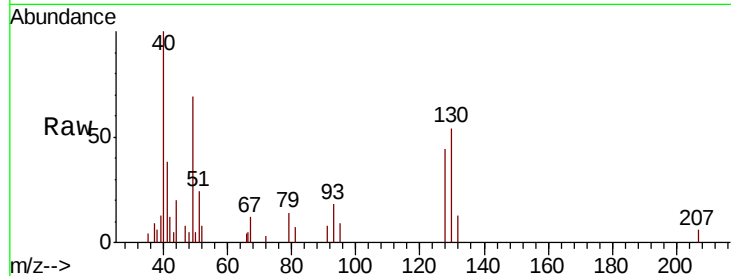




#41  
Methacrylonitrile  
Concen: 2.924 ug/l  
RT: 7.54 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

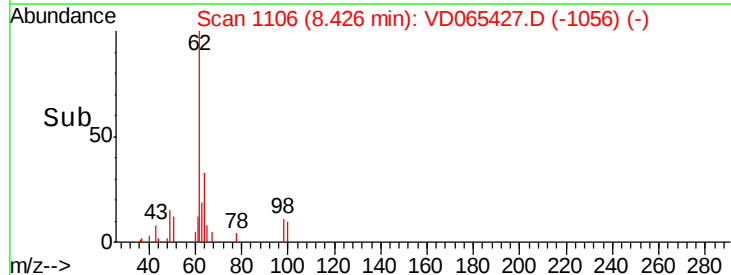
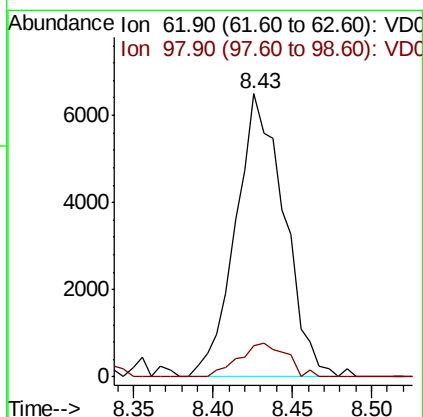
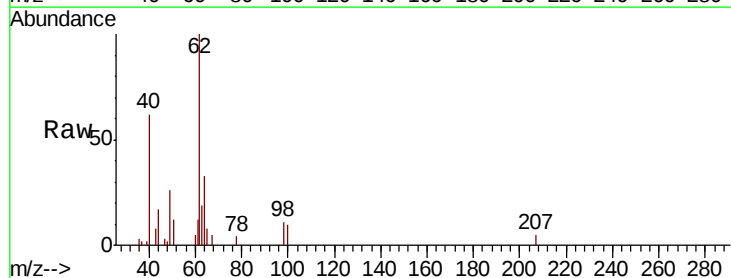
Instrument :  
MSVOA\_D  
ClientSampleId :

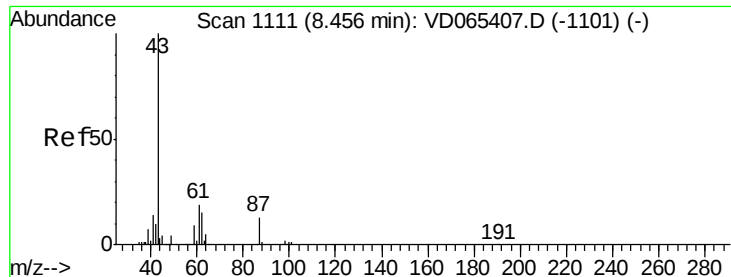
Tot Ion: 41 Resp: 3892  
Ion Ratio Lower Upper  
41 100  
39 55.4 55.0 82.6  
67 56.7 70.3 105.5#  
52 23.3 30.7 46.1#



#42  
1,2-Dichloroethane  
Concen: 2.907 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 62 Resp: 13819  
Ion Ratio Lower Upper  
62 100  
98 11.8 0.0 21.4





#43

Isopropyl Acetate

Concen: 2.593 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

ClientSampleId :

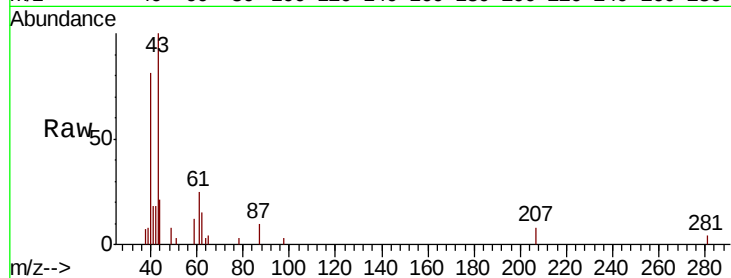
Tot Ion: 43 Resp: 12050

Ion Ratio Lower Upper

43 100

61 36.0 25.0 37.6

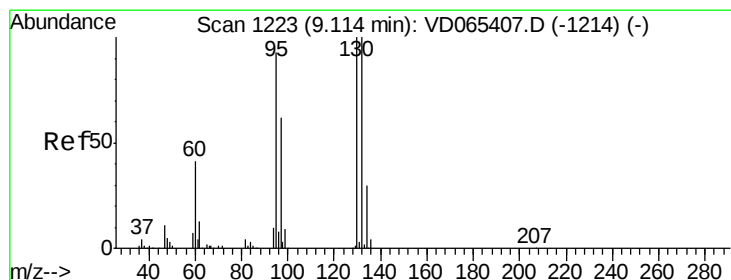
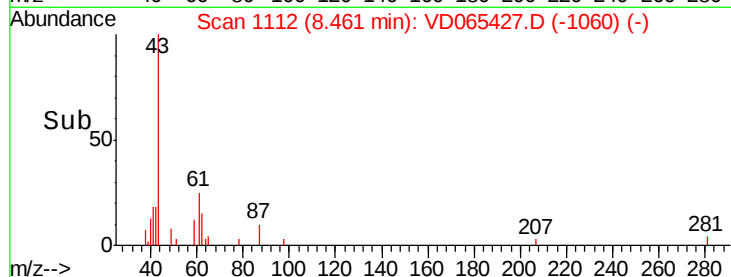
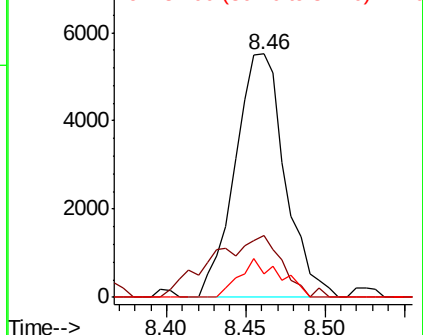
87 12.9 11.0 16.4



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: 2.964 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065427.D

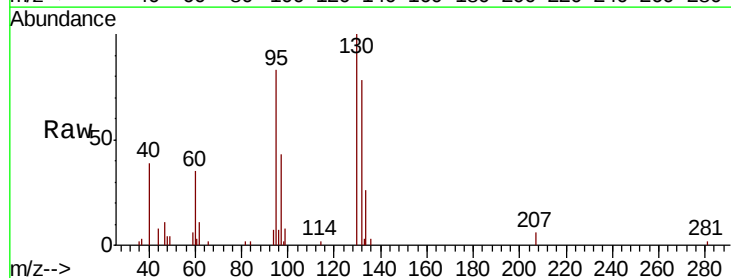
Acq: 05 Mar 2020 13:18

Tgt Ion: 130 Resp: 15240

Ion Ratio Lower Upper

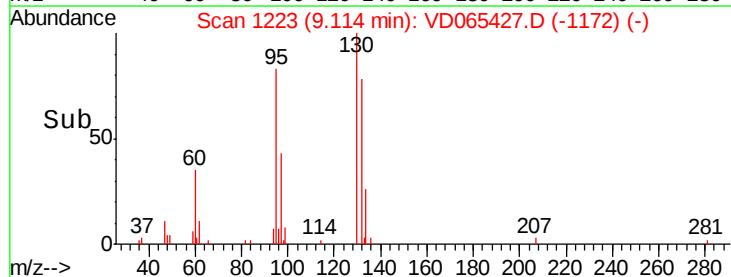
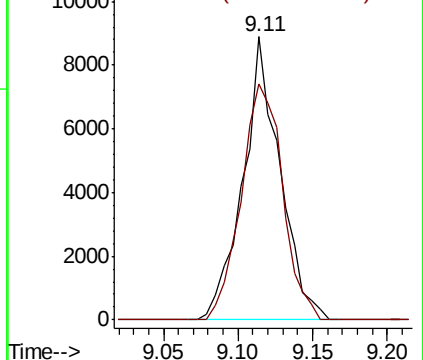
130 100

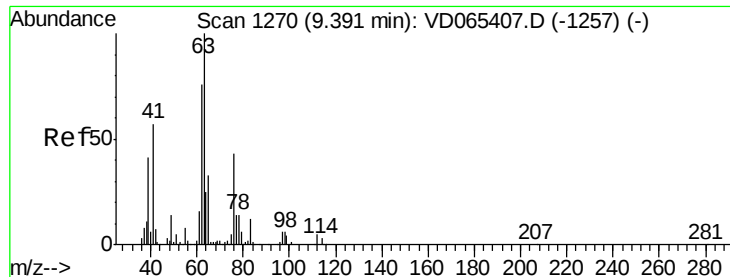
95 83.3 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

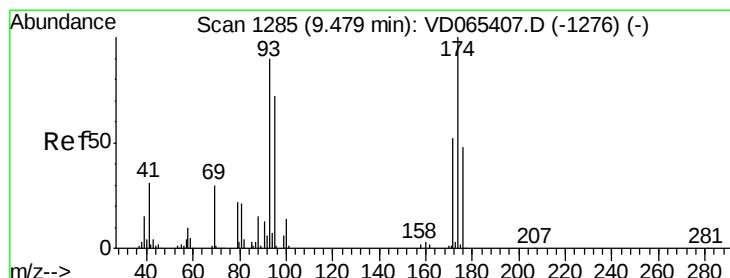
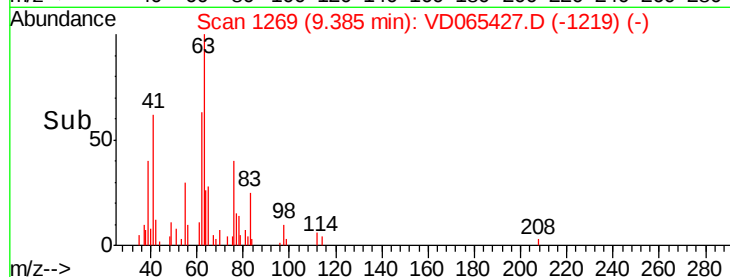
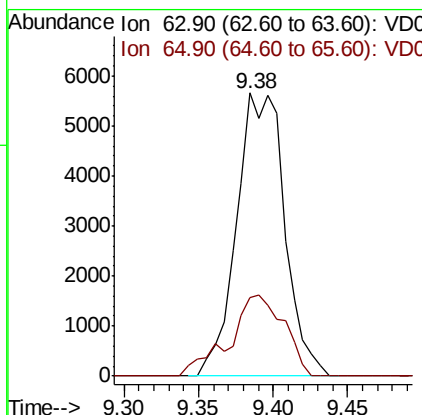
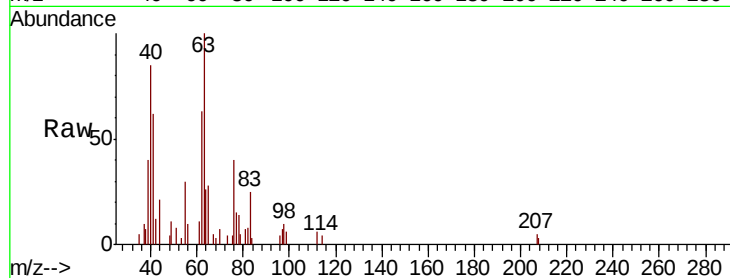




#45  
 1,2-Dichloropropane  
 Concen: 2.856 ug/l  
 RT: 9.38 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

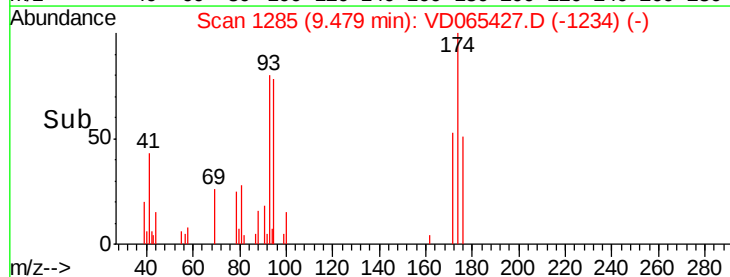
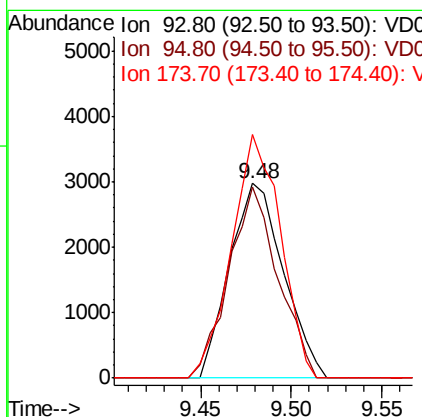
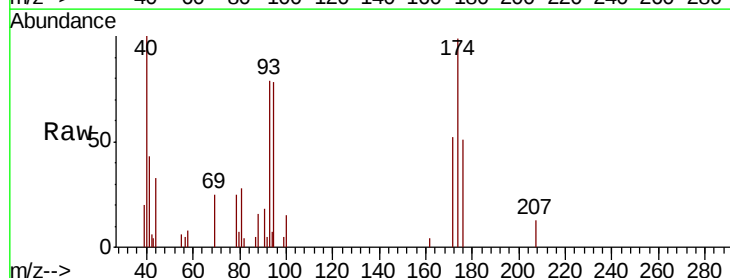
Instrument :  
 MSVOA\_D  
 ClientSampleId :

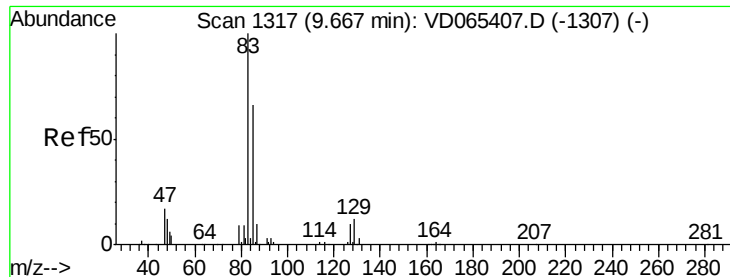
Tot Ion: 63 Resp: 12597  
 Ion Ratio Lower Upper  
 63 100  
 65 28.0 26.4 39.6



#46  
 Dibromomethane  
 Concen: 2.685 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Tgt Ion: 93 Resp: 6141  
 Ion Ratio Lower Upper  
 93 100  
 95 89.7 65.0 97.6  
 174 113.5 88.3 132.5





#47

Bromodichloromethane

Concen: 2.853 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampleId :

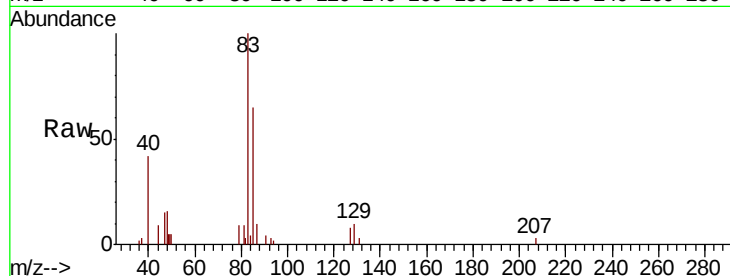
Tot Ion: 83 Resp: 16981

Ion Ratio Lower Upper

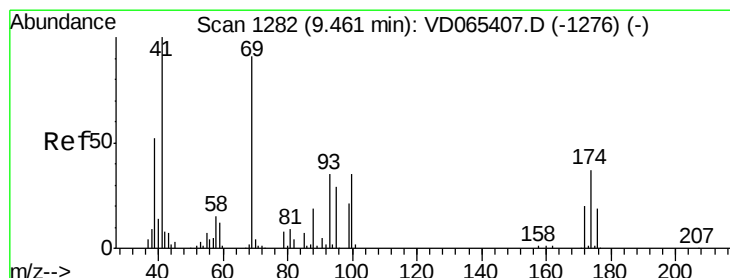
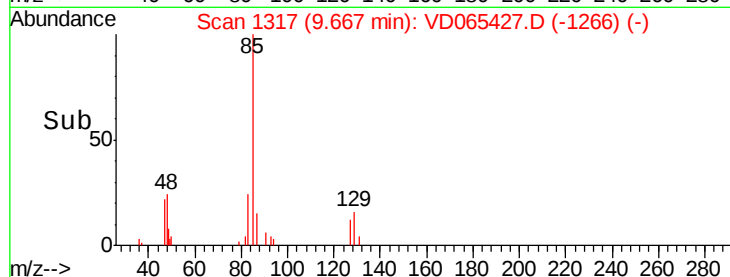
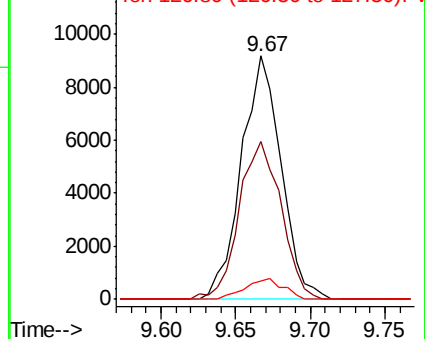
83 100

85 64.7 52.8 79.2

127 7.7 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): VDC



#48

Methyl methacrylate

Concen: 2.534 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

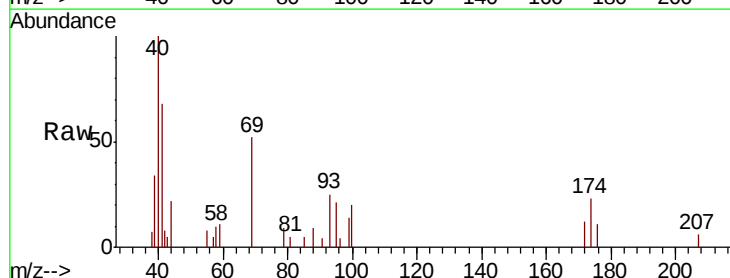
Tgt Ion: 41 Resp: 5539

Ion Ratio Lower Upper

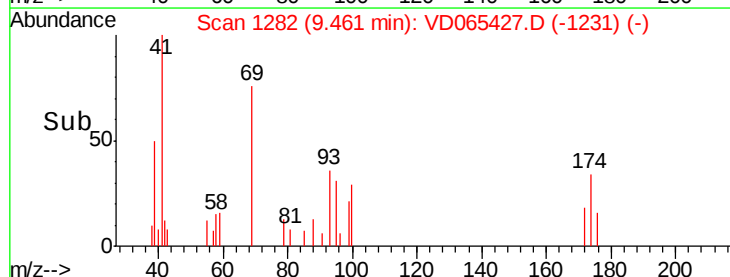
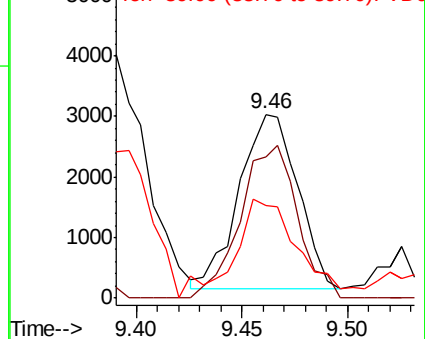
41 100

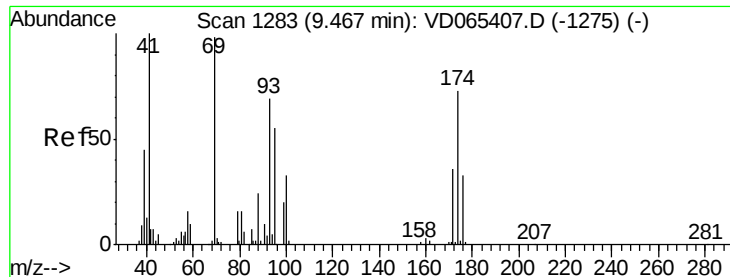
69 85.5 72.5 108.7

39 59.1 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

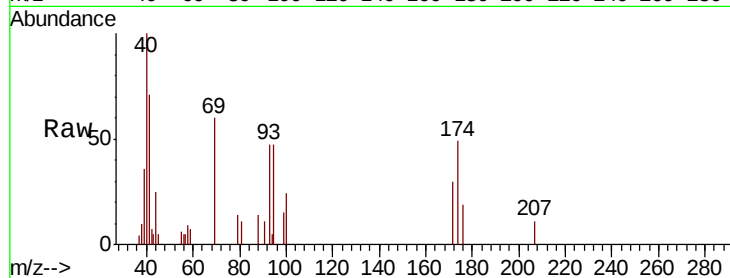




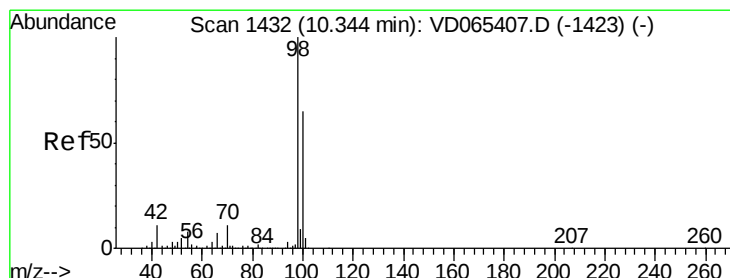
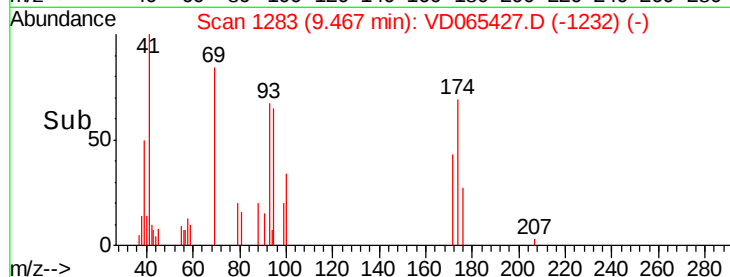
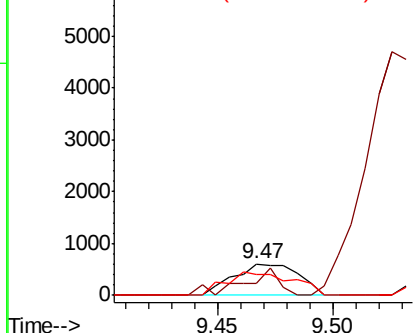
#49  
1,4-Dioxane  
Concen: 45.325 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 88 Resp: 1186  
Ion Ratio Lower Upper  
88 100  
43 47.0 24.5 36.7#  
58 75.9 54.5 81.7

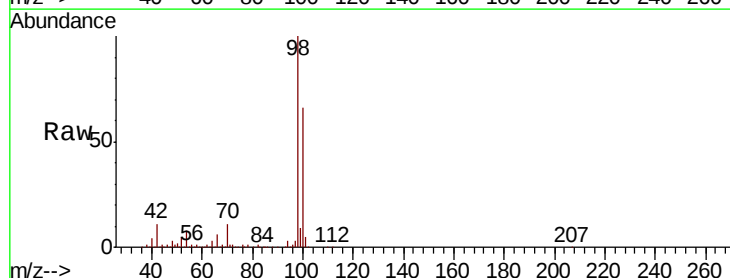


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

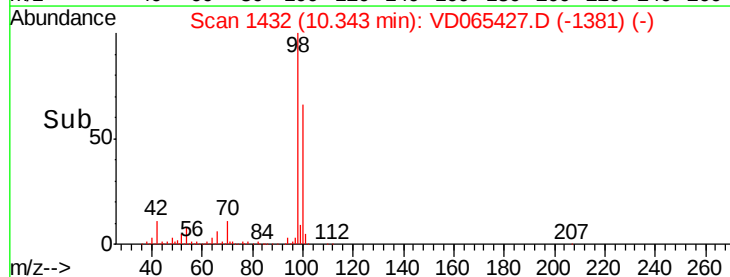
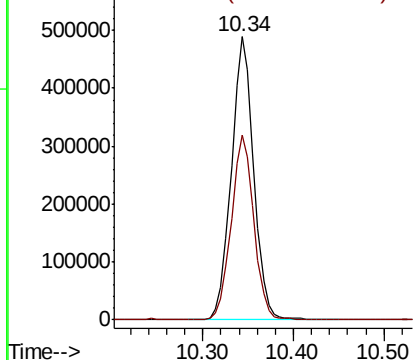


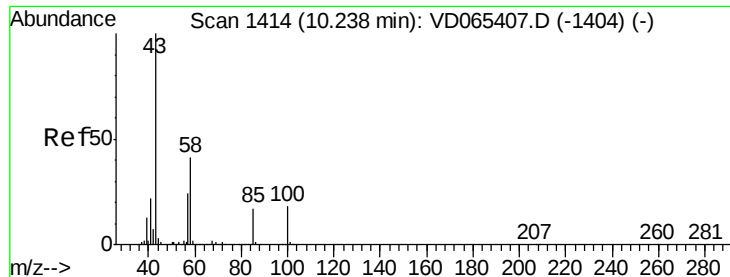
#50  
Toluene-d8  
Concen: 52.270 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 98 Resp: 842394  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 11.115 ug/l

RT: 10.24 min Scan# 1414

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

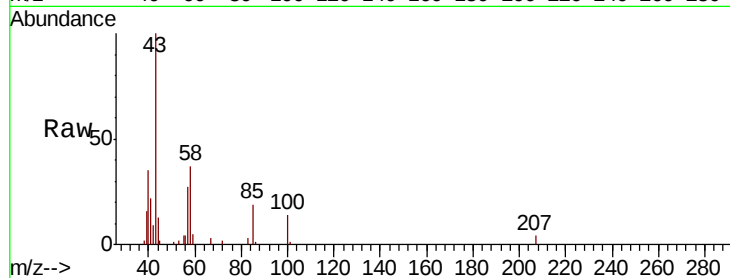
ClientSampled :

Tot Ion: 43 Resp: 25994

Ion Ratio Lower Upper

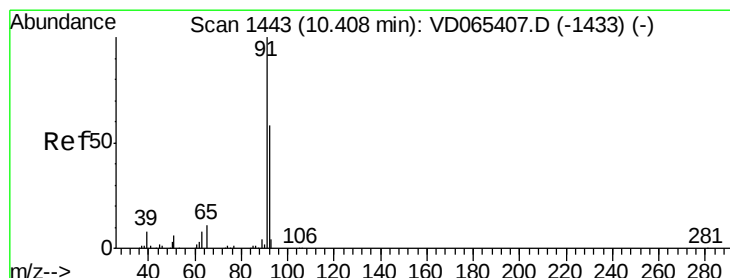
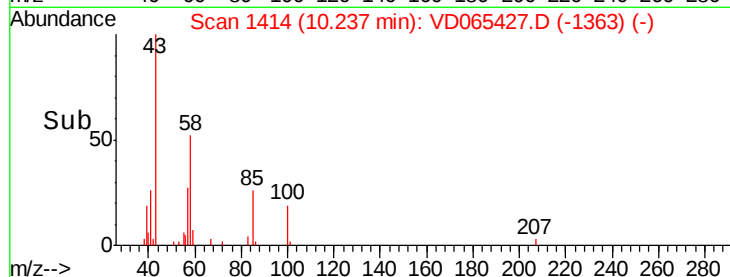
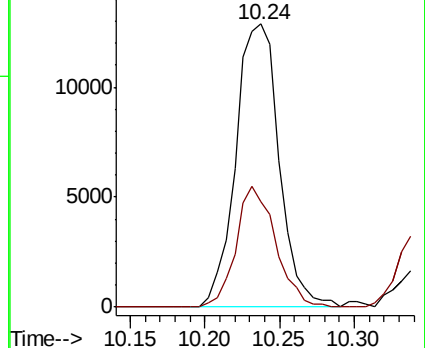
43 100

58 39.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 2.714 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065427.D

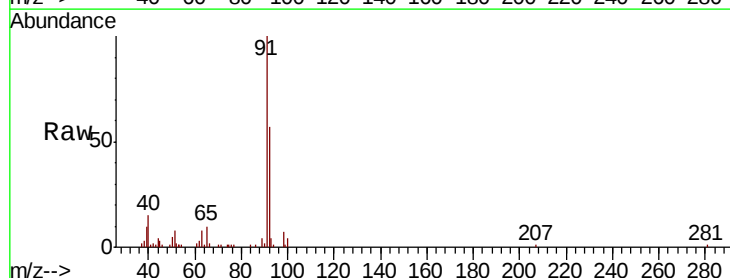
Acq: 05 Mar 2020 13:18

Tgt Ion: 92 Resp: 31124

Ion Ratio Lower Upper

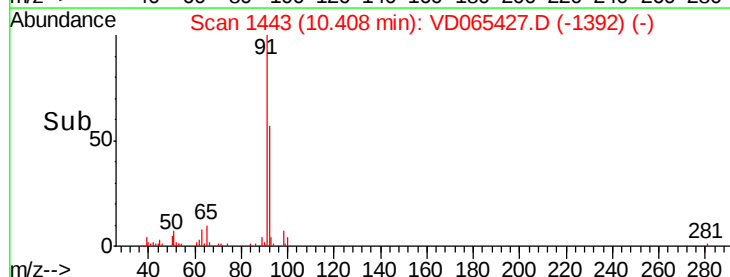
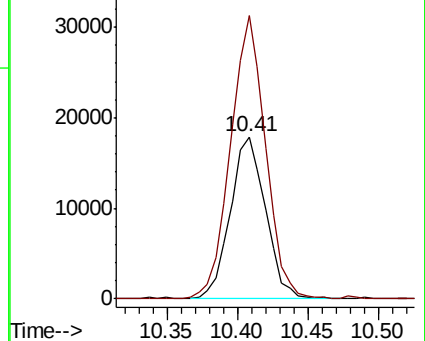
92 100

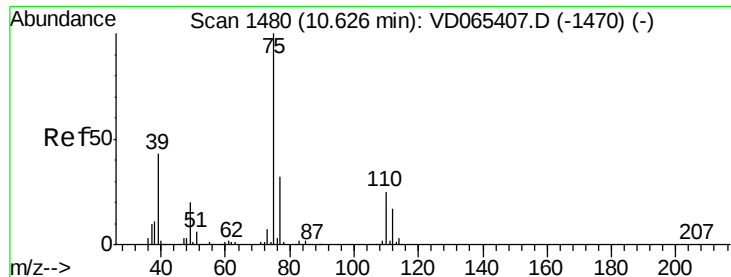
91 172.8 137.8 206.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 2.617 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

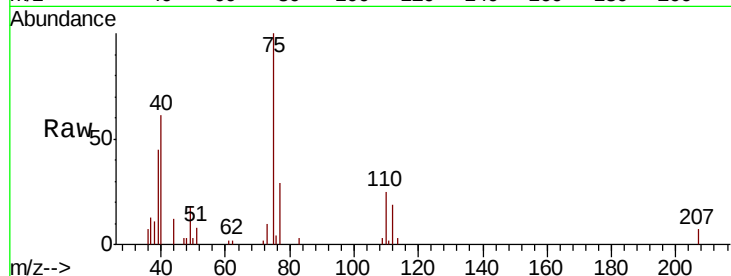
ClientSampleId :

Tot Ion: 75 Resp: 14556

Ion Ratio Lower Upper

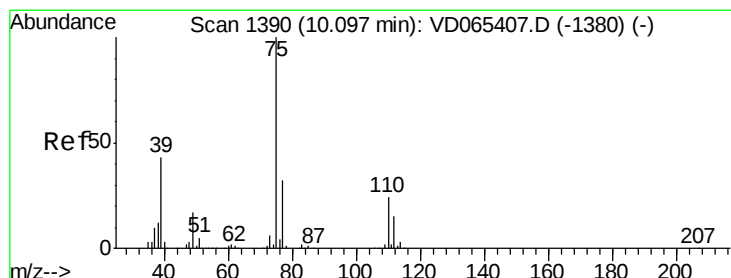
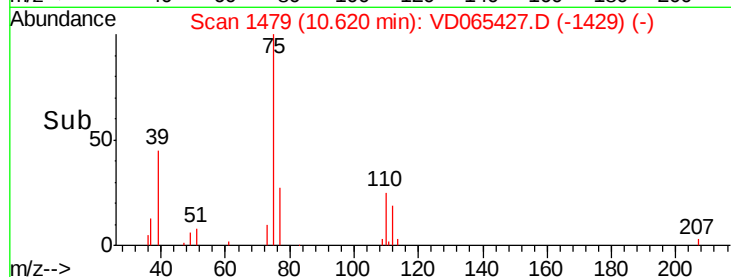
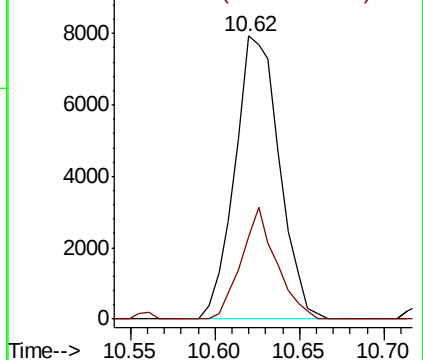
75 100

77 29.3 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: 2.402 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

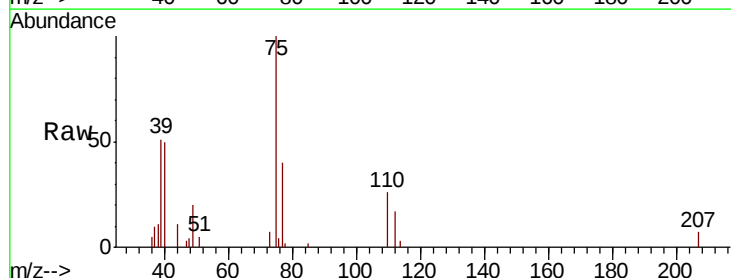
Tgt Ion: 75 Resp: 16171

Ion Ratio Lower Upper

75 100

77 39.7 25.3 37.9#

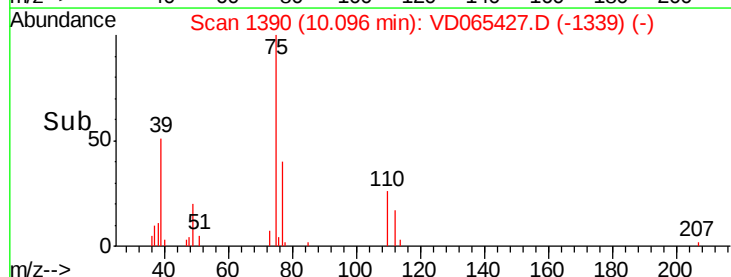
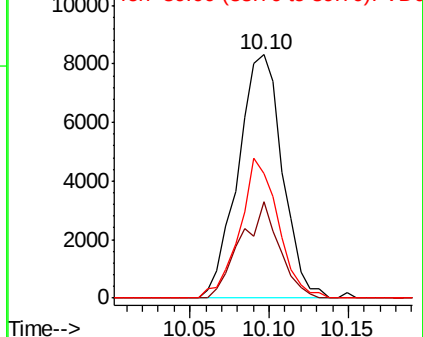
39 51.2 34.6 52.0

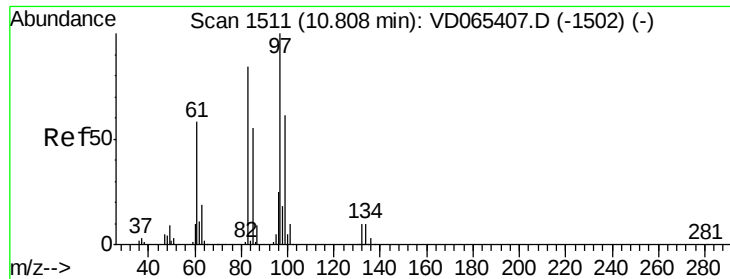


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

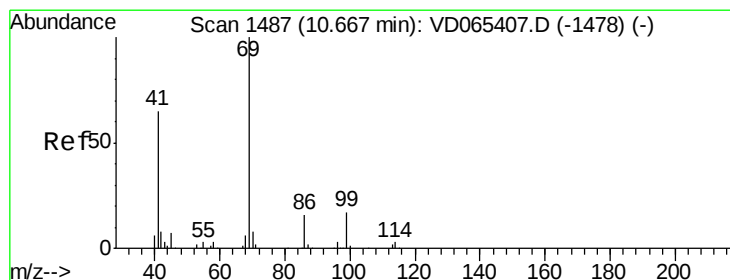
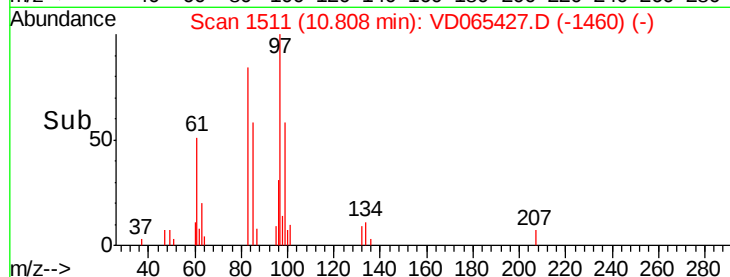
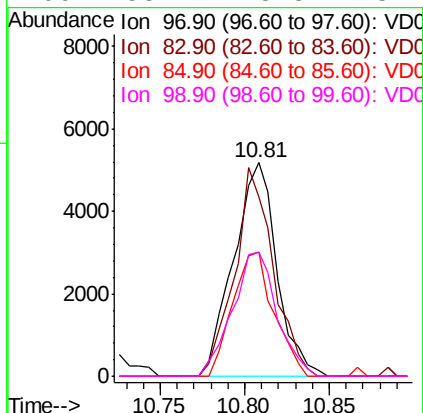
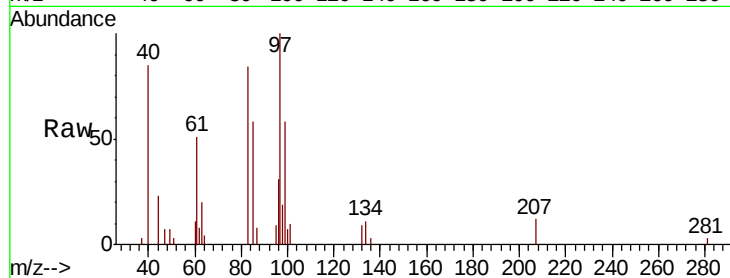




#55  
 1,1,2-Trichloroethane  
 Concen: 2.857 ug/l  
 RT: 10.81 min Scan# 1511  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

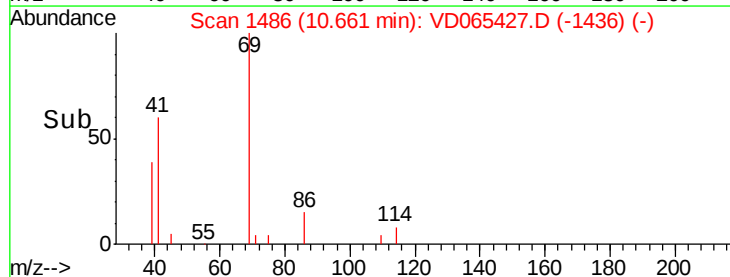
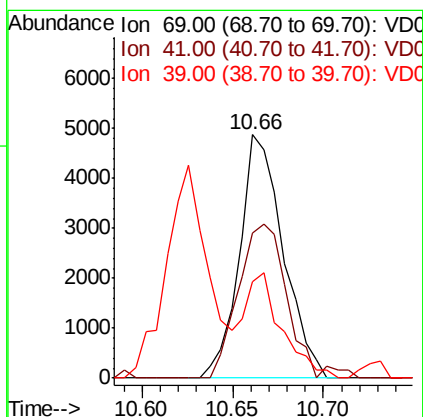
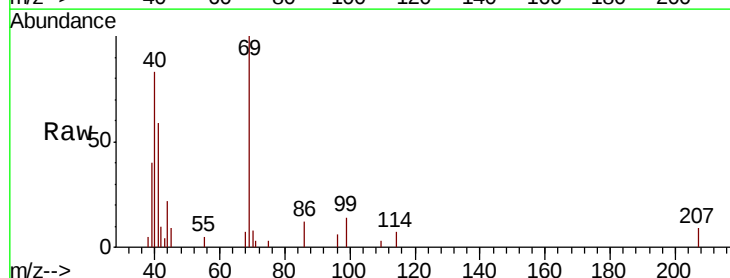
Instrument :  
 MSVOA\_D  
 ClientSampleId :

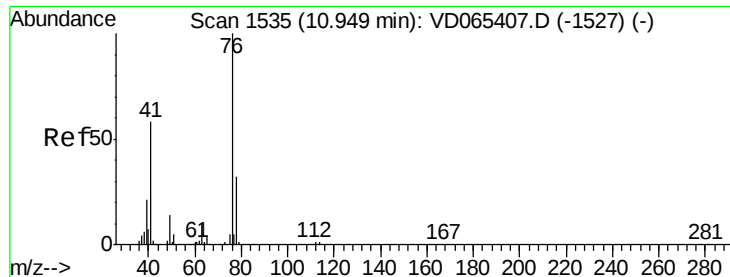
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 9258  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.0  | 67.4  | 101.0 |
| 85       | 58.0  | 43.8  | 65.8  |
| 99       | 58.4  | 48.8  | 73.2  |



#56  
 Ethyl methacrylate  
 Concen: 2.237 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 8169  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.2  | 53.0  | 79.6  |
| 39       | 36.9  | 26.0  | 39.0  |





#57

1,3-Dichloropropane

Concen: 2.560 ug/l

RT: 10.96 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

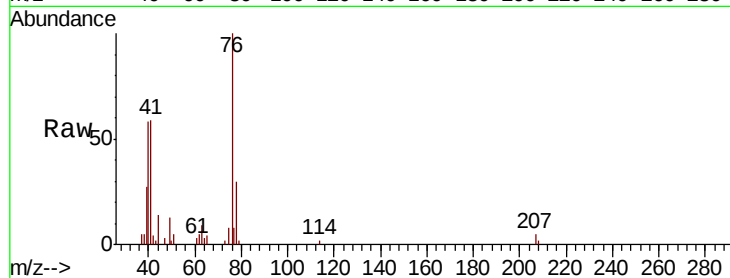
ClientSampleId :

Tot Ion: 76 Resp: 14036

Ion Ratio Lower Upper

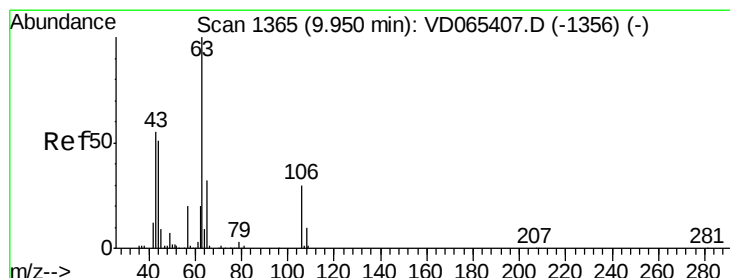
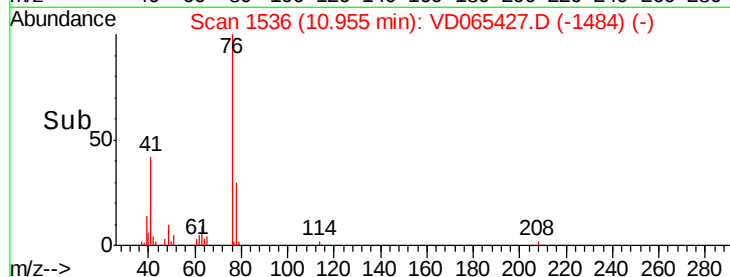
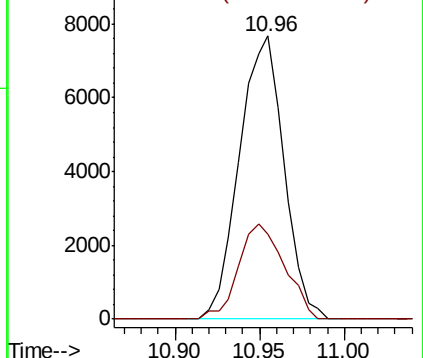
76 100

78 34.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 11.160 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065427.D

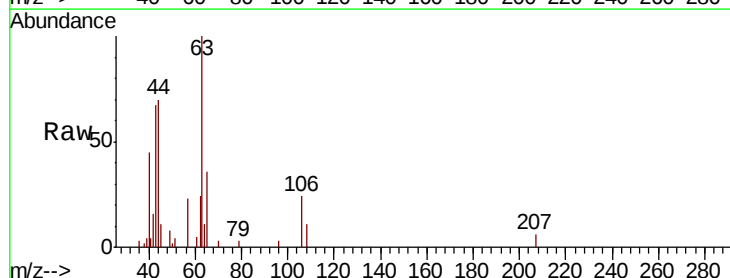
Acq: 05 Mar 2020 13:18

Tgt Ion: 63 Resp: 13145

Ion Ratio Lower Upper

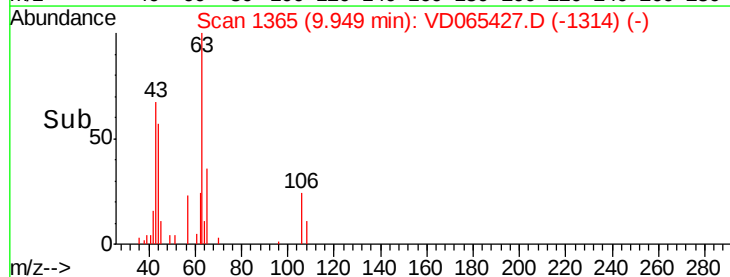
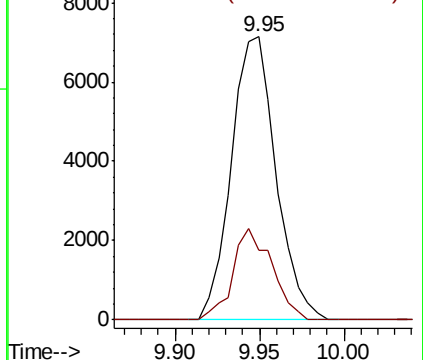
63 100

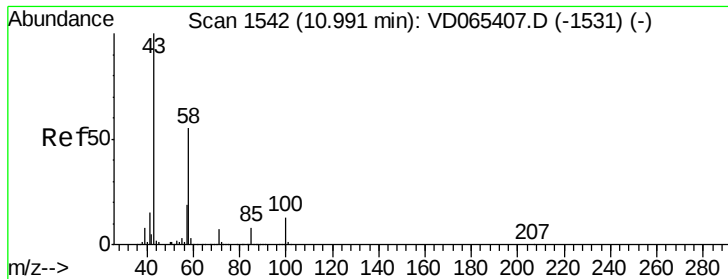
106 28.3 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

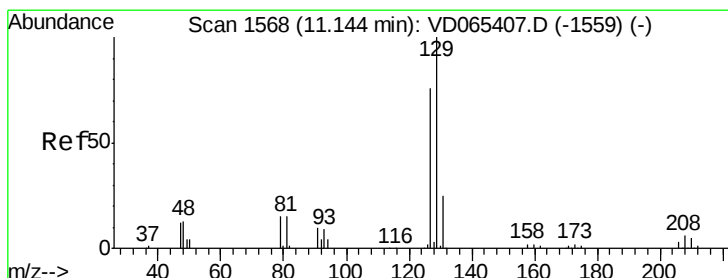
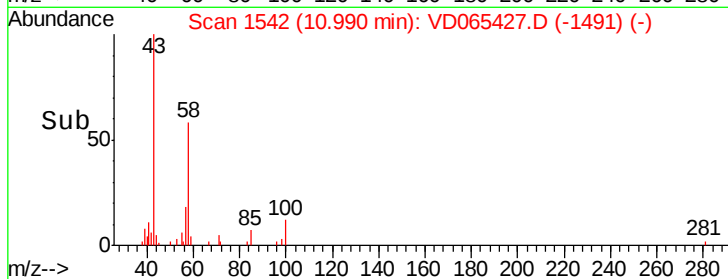
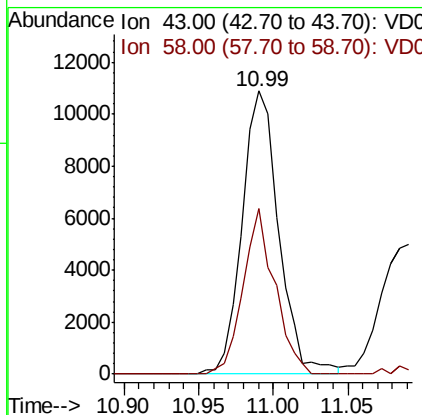
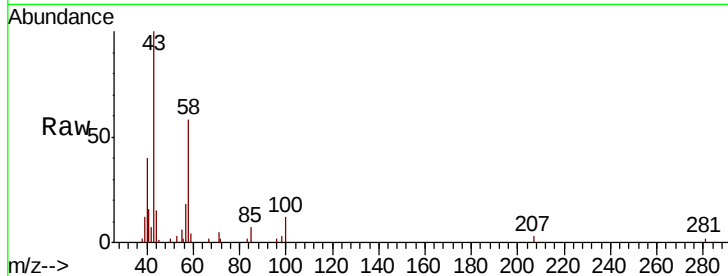




#59  
2-Hexanone  
Concen: 11.469 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

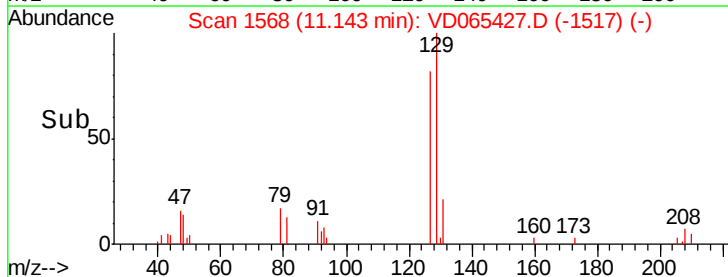
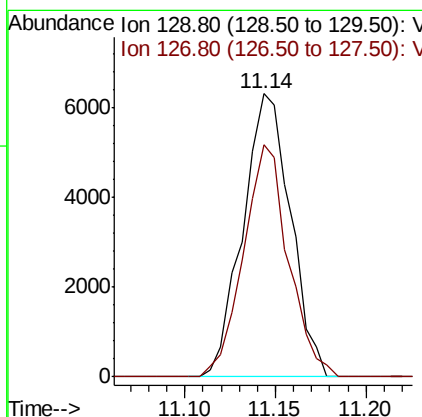
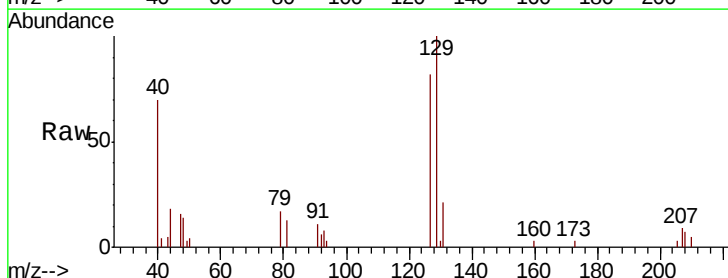
Instrument :  
MSVOA\_D  
ClientSampled :

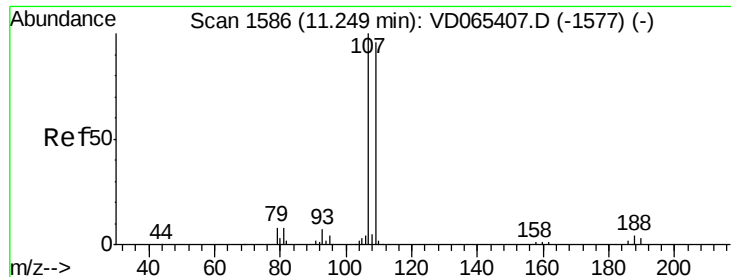
Tot Ion: 43 Resp: 18567  
Ion Ratio Lower Upper  
43 100  
58 50.4 27.4 82.2



#60  
Dibromochloromethane  
Concen: 2.778 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion:129 Resp: 11539  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.5 115.5

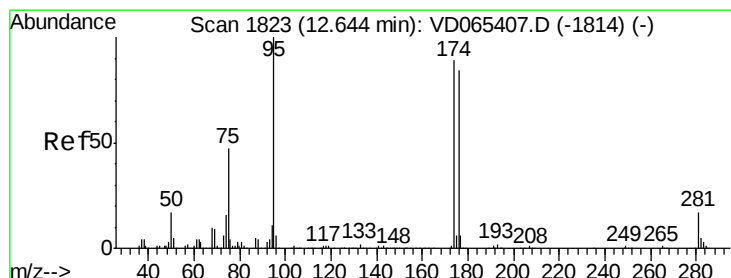
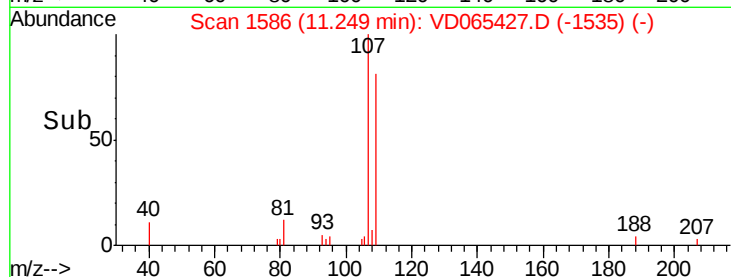
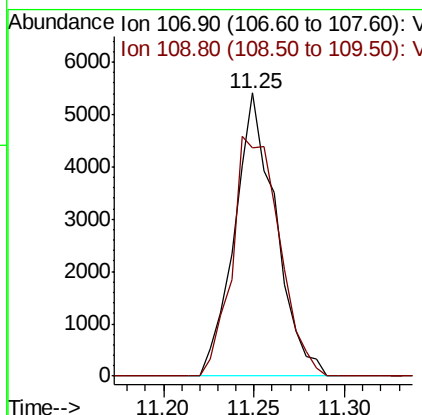
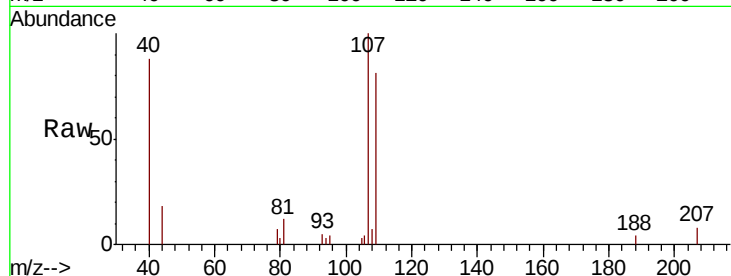




#61  
1,2-Dibromoethane  
Concen: 2.771 ug/l  
RT: 11.25 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

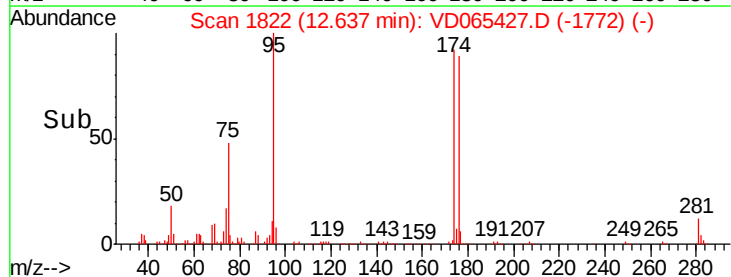
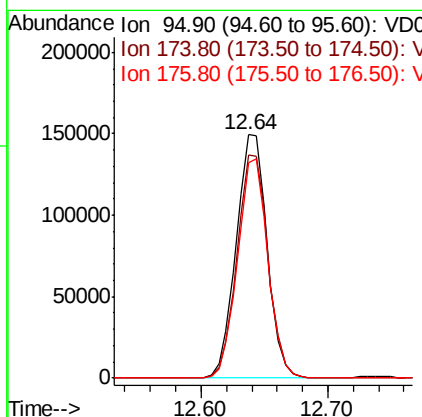
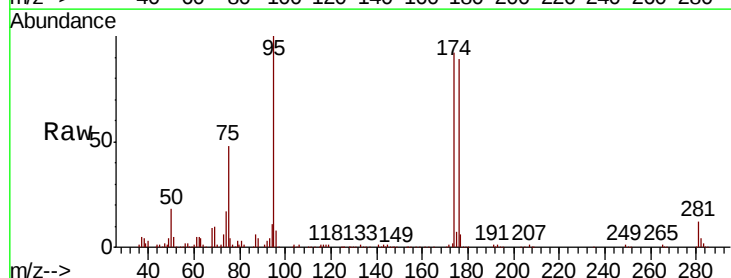
Instrument :  
MSVOA\_D  
ClientSampleId :

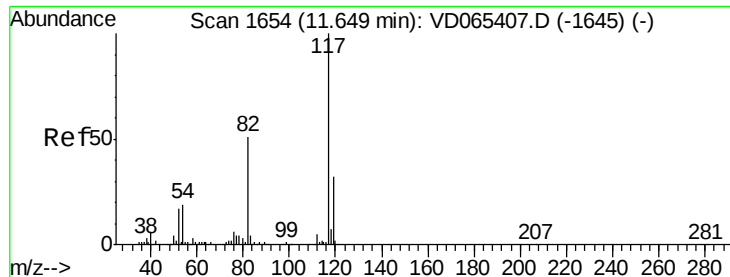
Tot Ion: 107 Resp: 8563  
Ion Ratio Lower Upper  
107 100  
109 96.8 76.8 115.2



#62  
4-Bromofluorobenzene  
Concen: 50.745 ug/l  
RT: 12.64 min Scan# 1822  
Delta R.T. -0.01 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 95 Resp: 252469  
Ion Ratio Lower Upper  
95 100  
174 91.8 0.0 176.8  
176 88.0 0.0 171.4

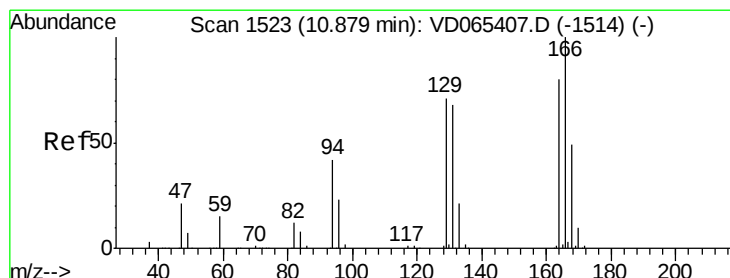
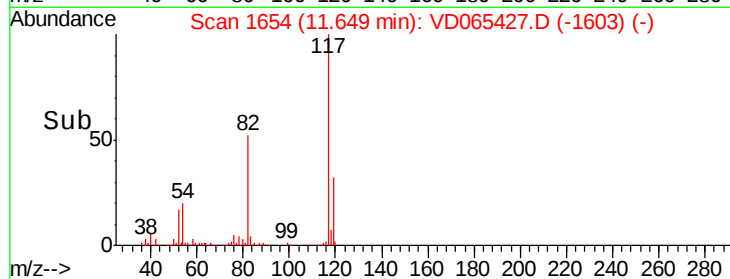
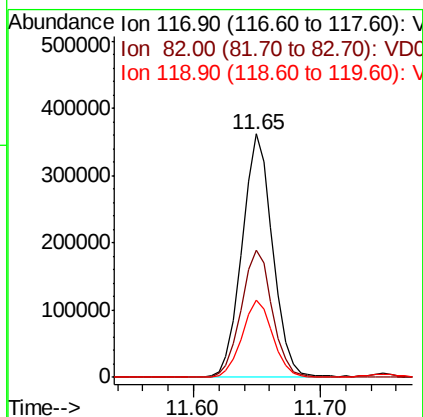
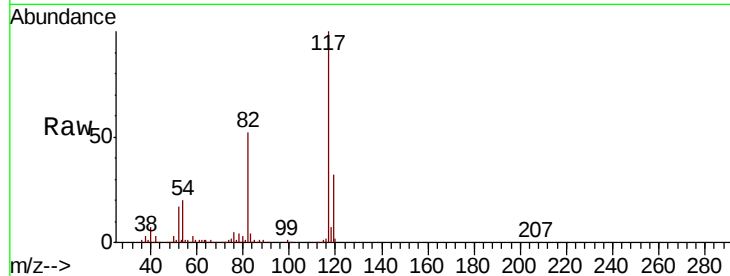




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

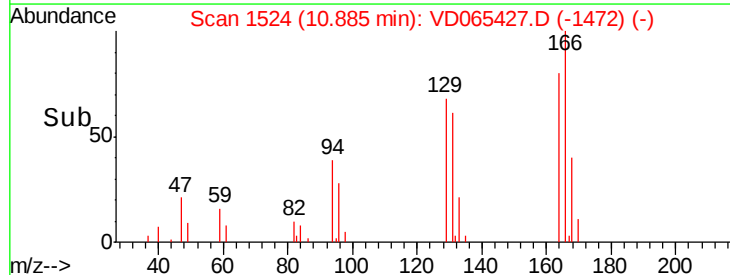
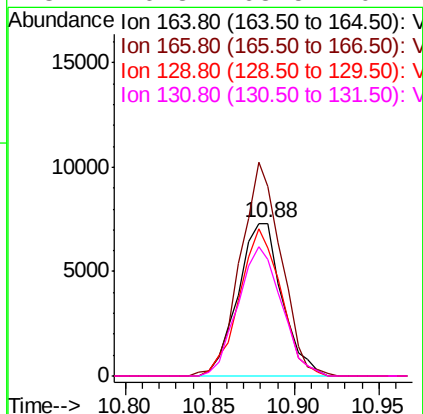
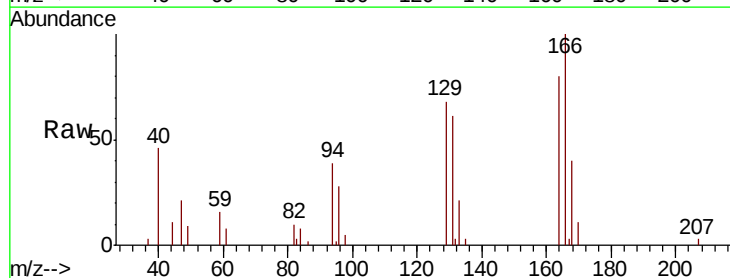
Instrument :  
MSVOA\_D  
ClientSampleId :

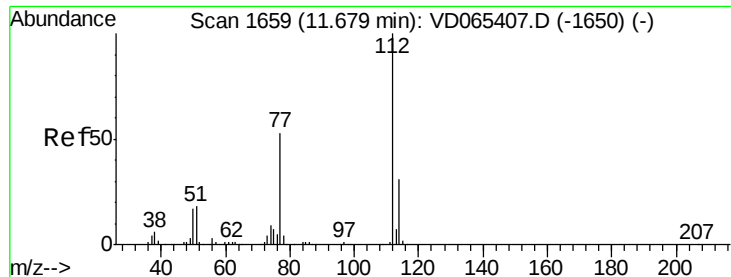
Tot Ion:117 Resp: 607396  
Ion Ratio Lower Upper  
117 100  
82 52.1 40.6 60.8  
119 31.6 25.4 38.2



#64  
Tetrachloroethene  
Concen: 3.050 ug/l  
RT: 10.88 min Scan# 1524  
Delta R.T. 0.01 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion:164 Resp: 13276  
Ion Ratio Lower Upper  
164 100  
166 124.3 100.5 150.7  
129 84.0 71.5 107.3  
131 76.3 68.5 102.7

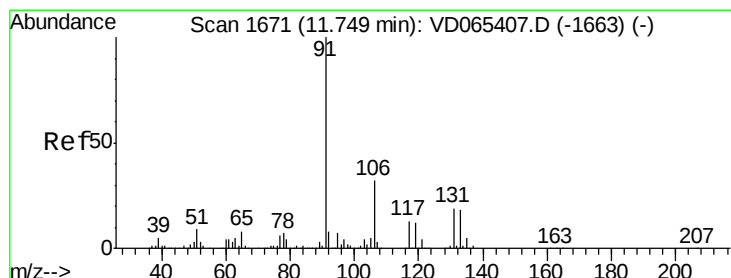
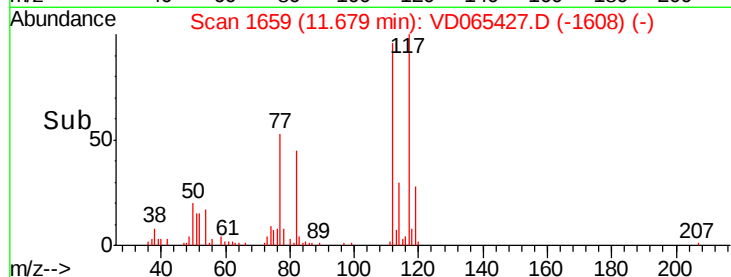
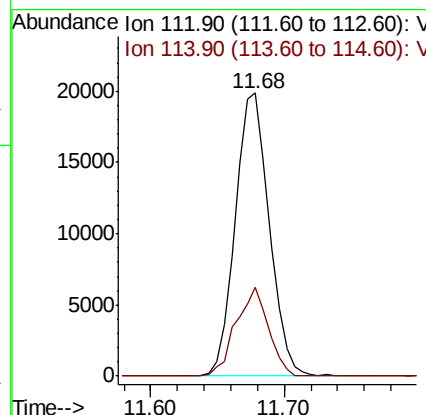
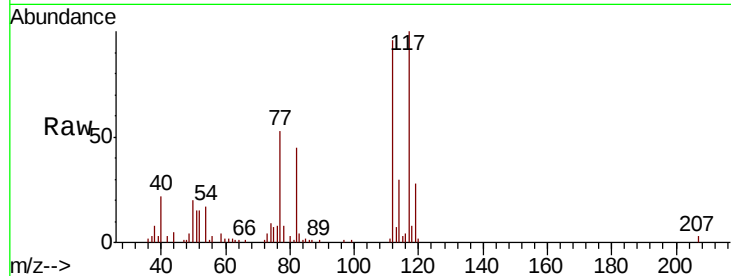




#65  
Chlorobenzene  
Concen: 2.934 ug/l  
RT: 11.68 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

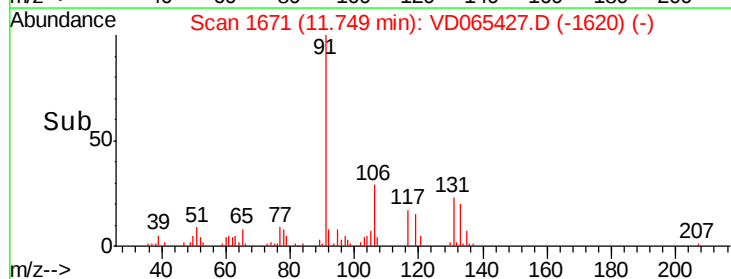
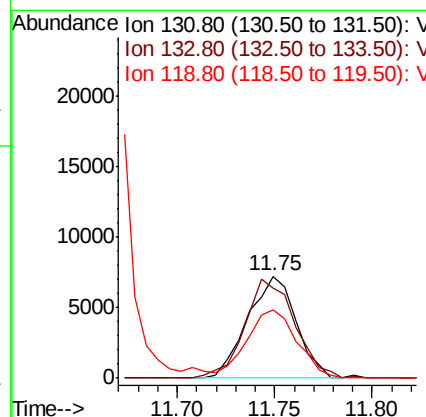
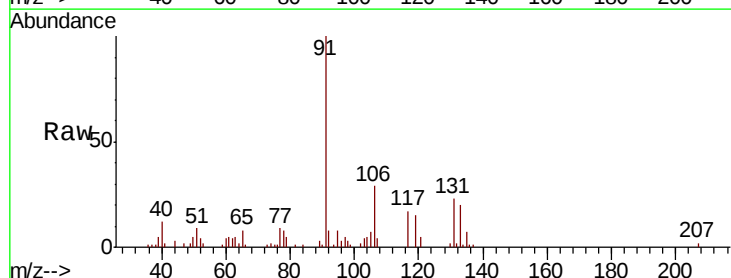
Instrument :  
MSVOA\_D  
ClientSampled :

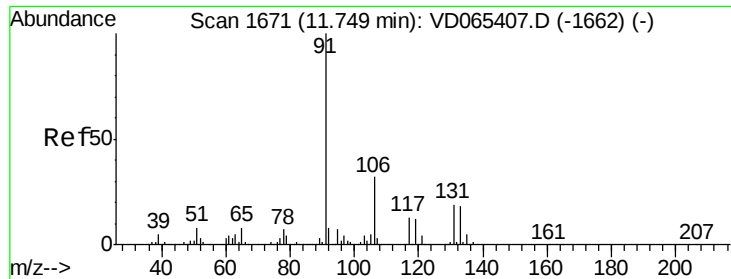
Tot Ion:112 Resp: 35260  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.4 36.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.829 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion:131 Resp: 12386  
Ion Ratio Lower Upper  
131 100  
133 100.8 49.2 147.6  
119 69.0 33.3 99.8

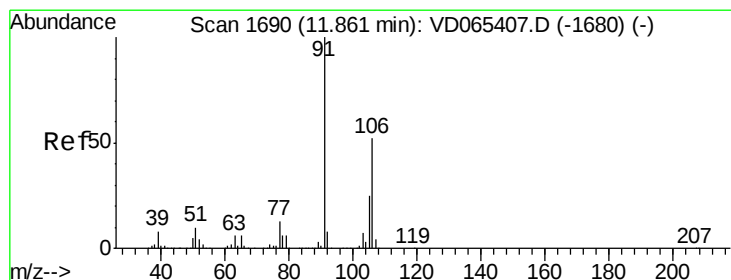
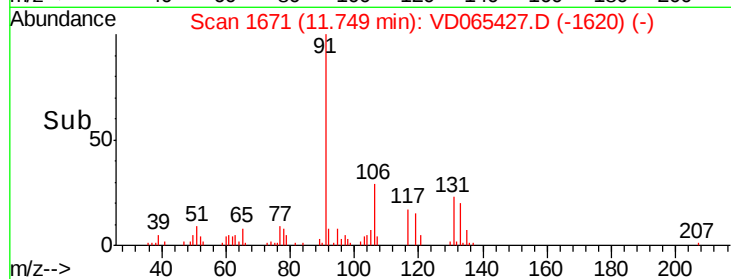
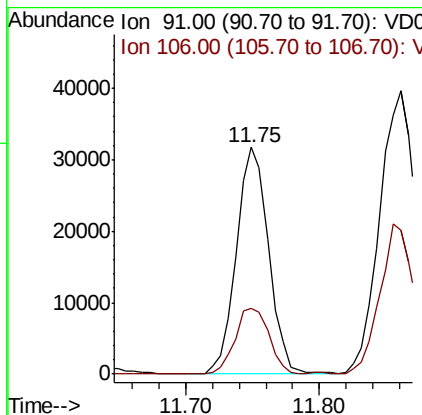
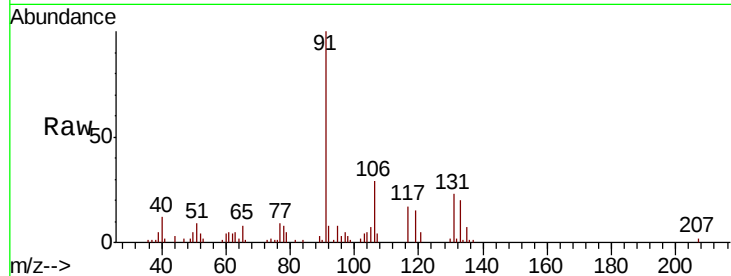




#67  
Ethyl Benzene  
Concen: 2.556 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

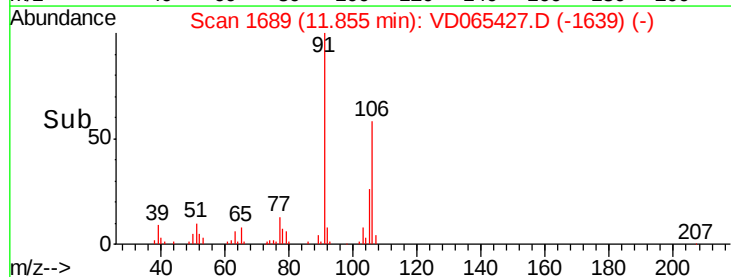
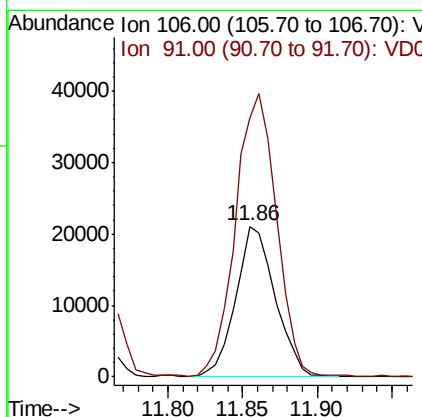
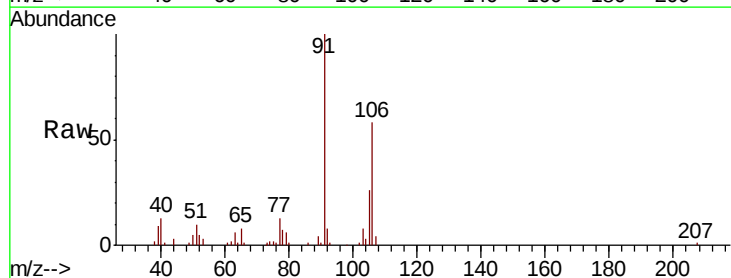
Instrument :  
MSVOA\_D  
ClientSampled :

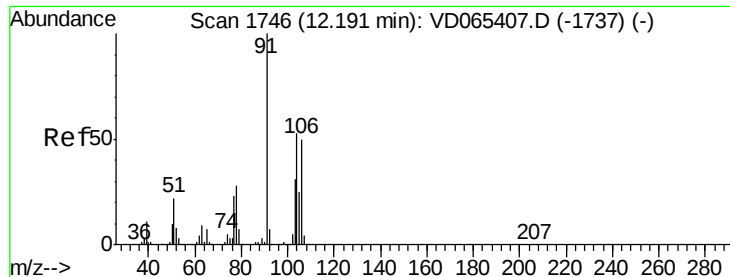
Tot Ion: 91 Resp: 53088  
Ion Ratio Lower Upper  
91 100  
106 29.1 25.2 37.8



#68  
m/p-Xylenes  
Concen: 4.820 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. -0.01 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 106 Resp: 38598  
Ion Ratio Lower Upper  
106 100  
91 196.0 155.9 233.9

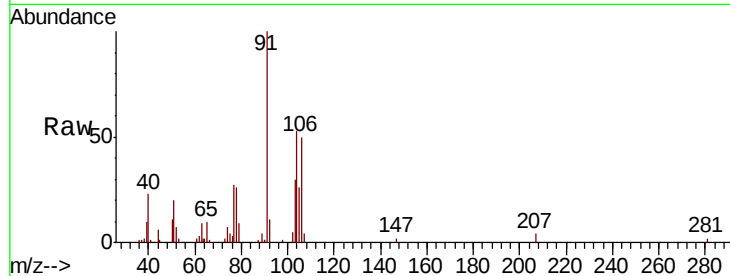




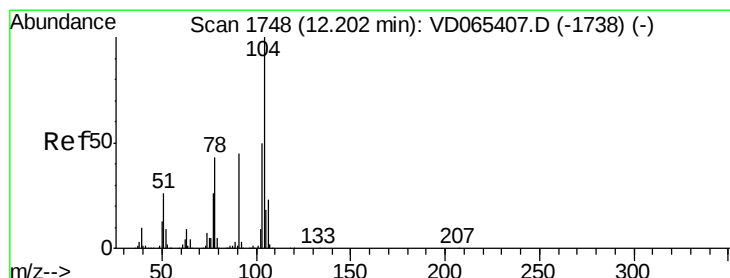
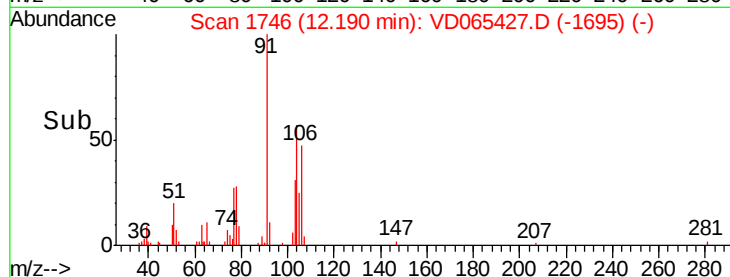
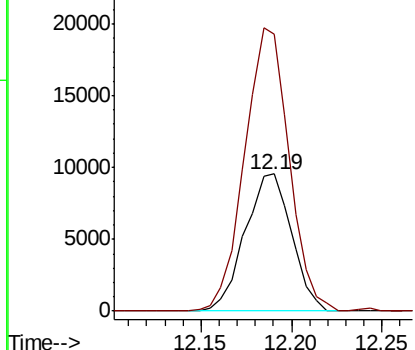
#69  
o-Xylene  
Concen: 2.413 ug/l  
RT: 12.19 min Scan# 1746  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:106 Resp: 16998  
Ion Ratio Lower Upper  
106 100  
91 197.6 103.5 310.3

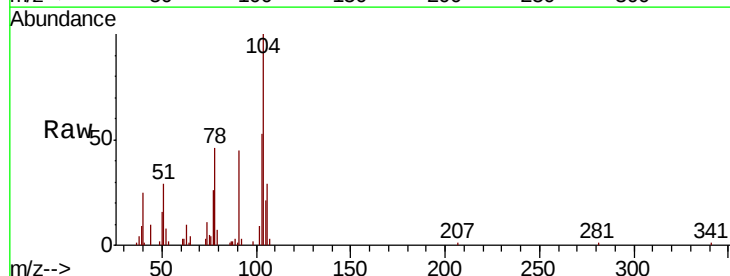


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

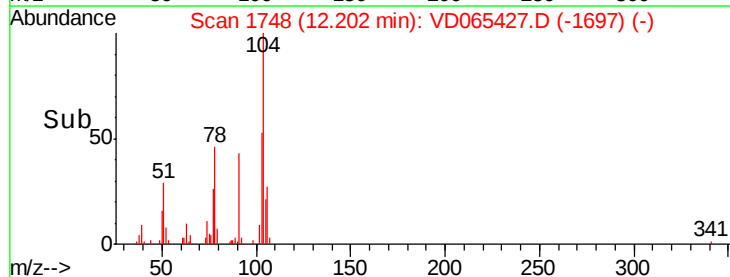
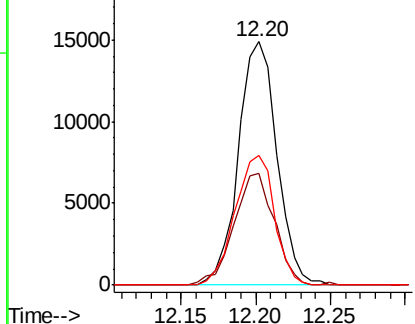


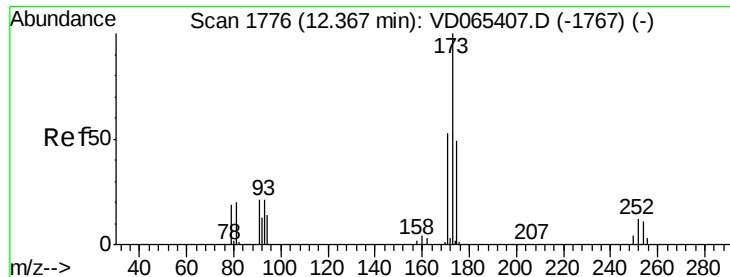
#70  
Styrene  
Concen: 2.153 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion:104 Resp: 26690  
Ion Ratio Lower Upper  
104 100  
78 48.0 37.7 56.5  
103 54.2 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): V  
Ion 103.00 (102.70 to 103.70): V

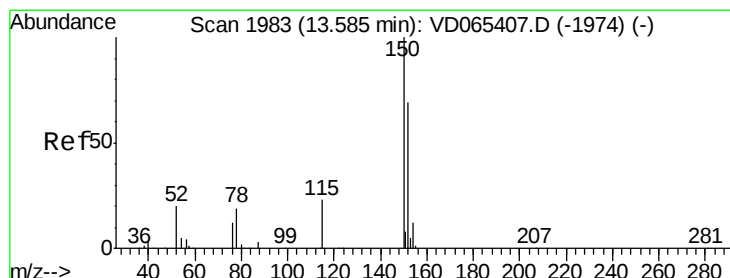
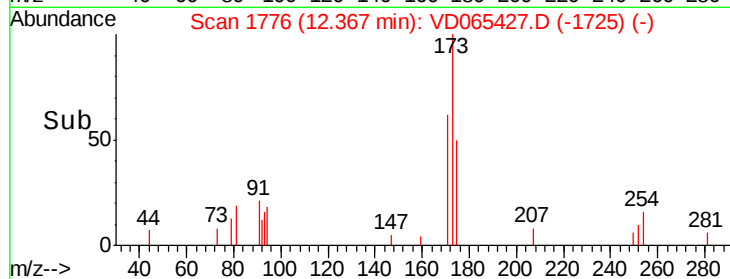
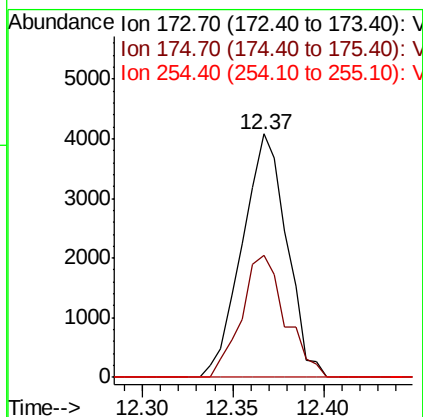
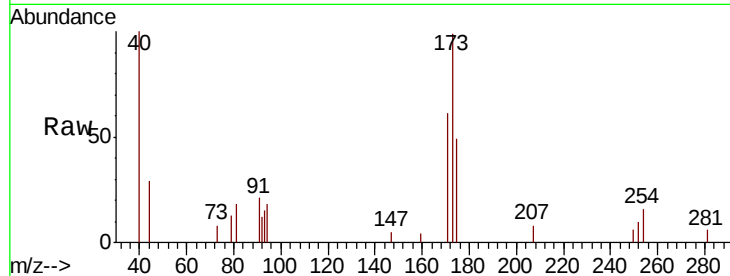




#71  
Bromoform  
Concen: 2.839 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

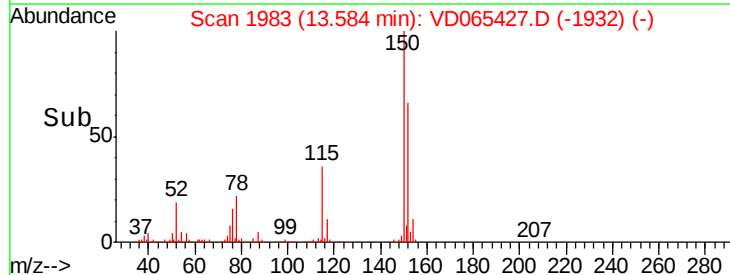
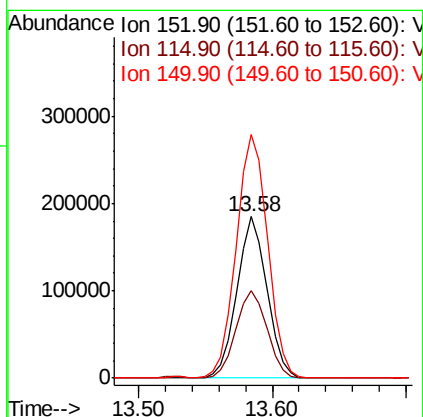
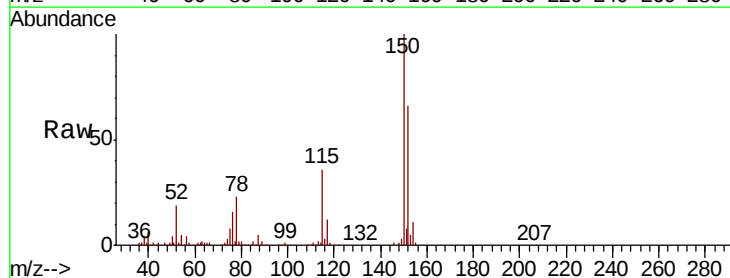
Instrument :  
MSVOA\_D  
ClientSampled :

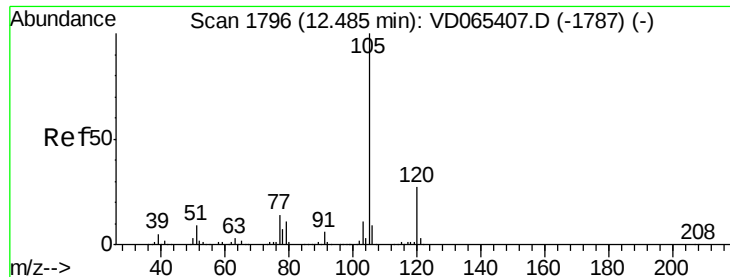
Tot Ion:173 Resp: 6982  
Ion Ratio Lower Upper  
173 100  
175 49.4 24.3 73.0  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion:152 Resp: 287799  
Ion Ratio Lower Upper  
152 100  
115 56.0 27.6 82.8  
150 157.7 0.0 345.0





#73

Isopropylbenzene

Concen: 2.295 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

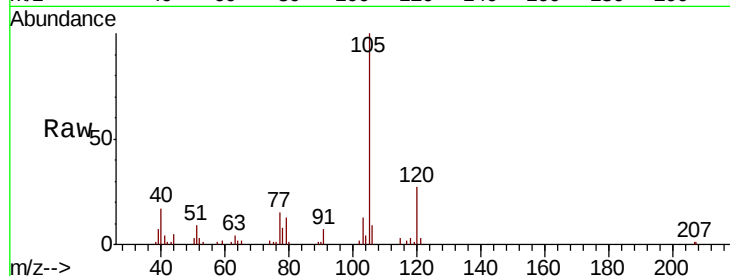
ClientSampleId :

Tot Ion:105 Resp: 43440

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

25000

20000

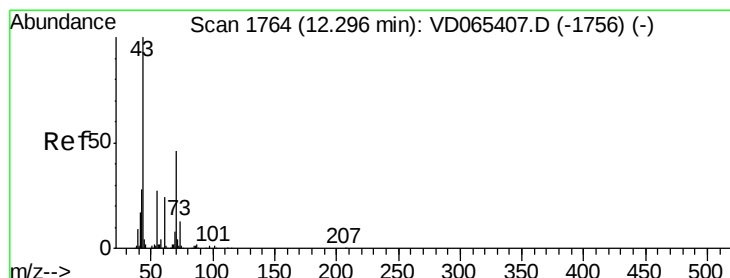
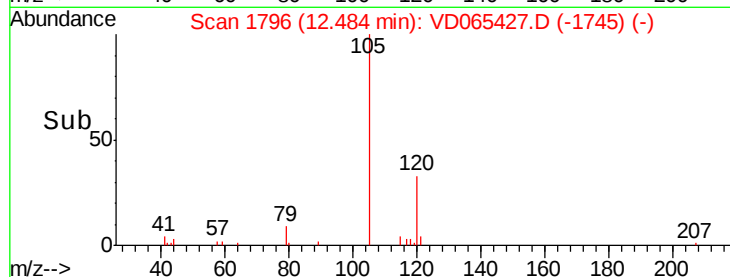
15000

10000

5000

0

Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 2.286 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Tgt Ion: 43 Resp: 8859

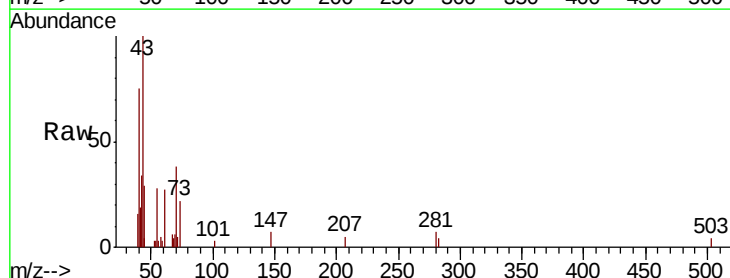
Ion Ratio Lower Upper

43 100

70 36.0 36.1 54.1#

55 28.1 21.6 32.4

61 27.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

8000

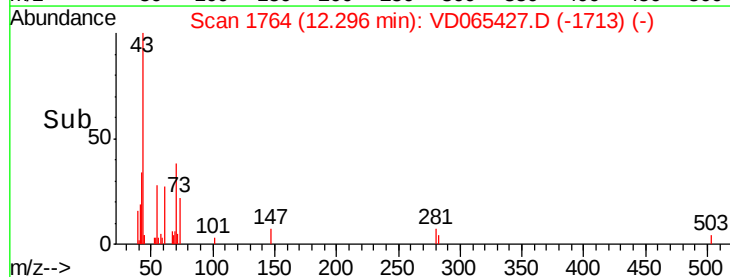
6000

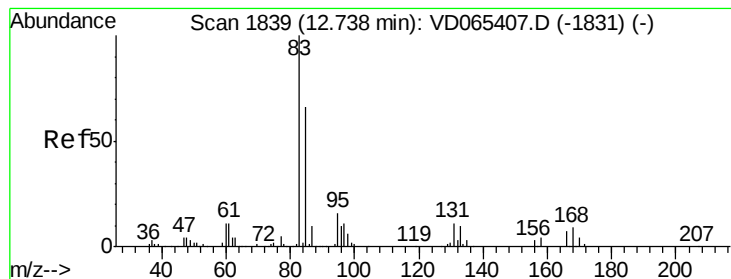
4000

2000

0

Time--> 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 3.112 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

ClientSampleId :

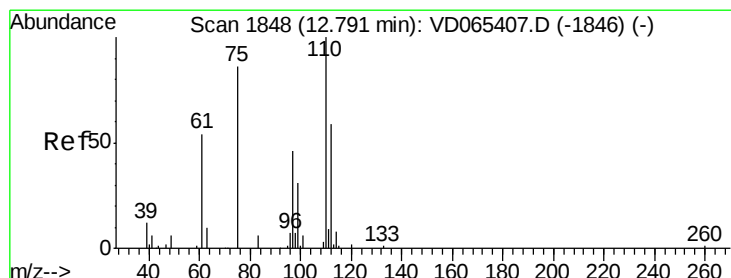
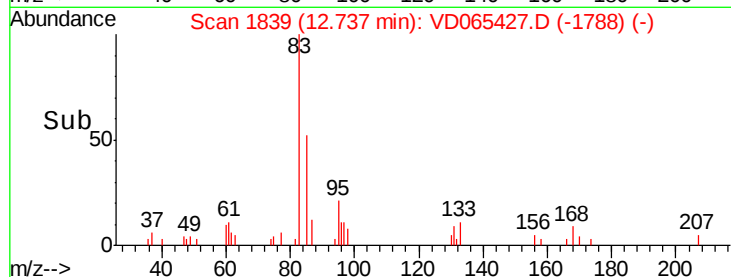
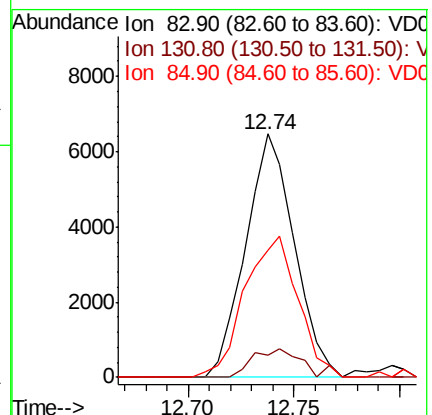
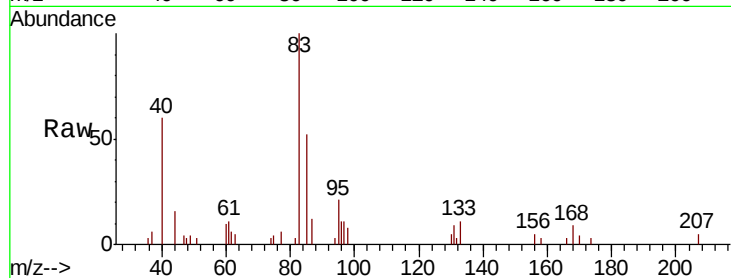
Tot Ion: 83 Resp: 10354

Ion Ratio Lower Upper

83 100

131 12.0 5.4 16.2

85 63.3 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 5.425 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065427.D

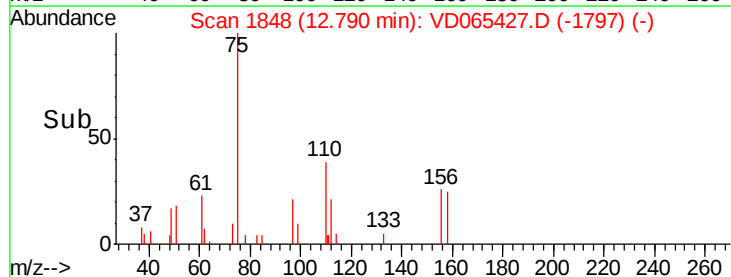
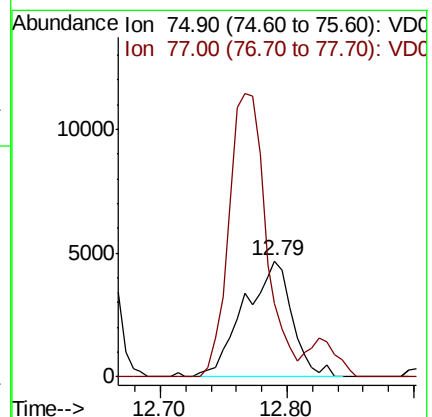
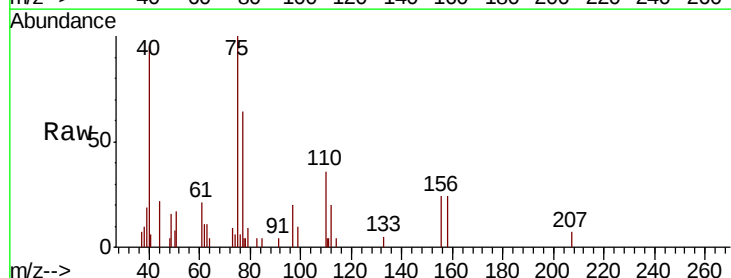
Acq: 05 Mar 2020 13:18

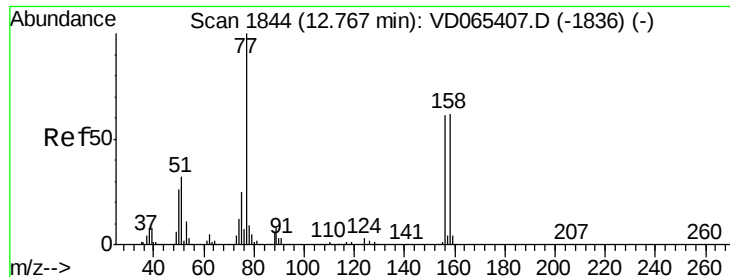
Tgt Ion: 75 Resp: 12319

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 3.011 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

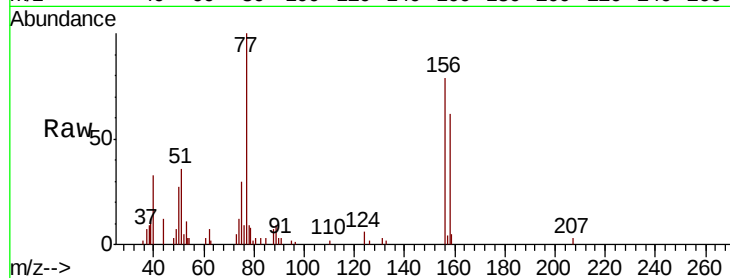
Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion:156 Resp: 14163

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 164.2 | 84.9  | 254.6 |
| 158 | 92.4  | 49.0  | 147.2 |

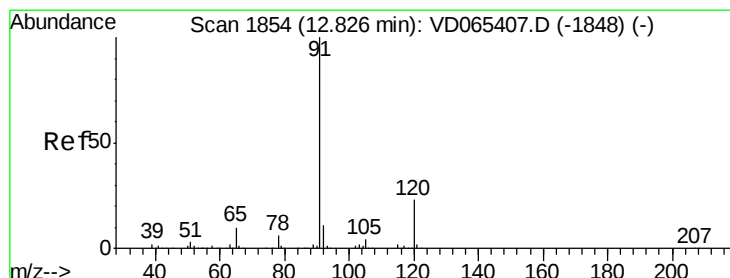
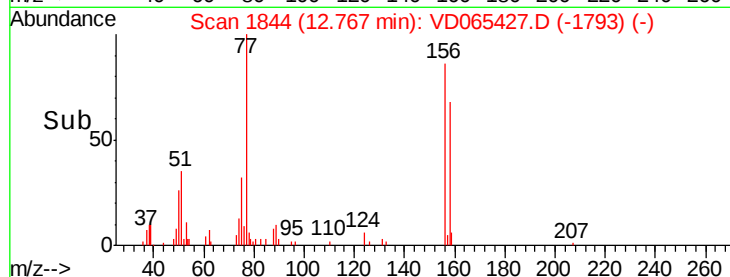
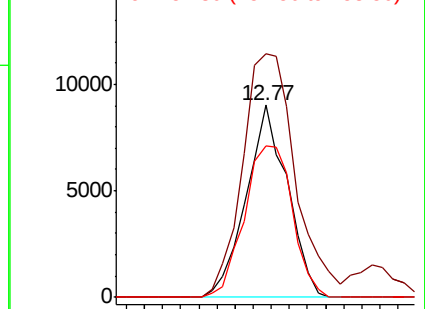


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.664 ug/l

RT: 12.83 min Scan# 1855

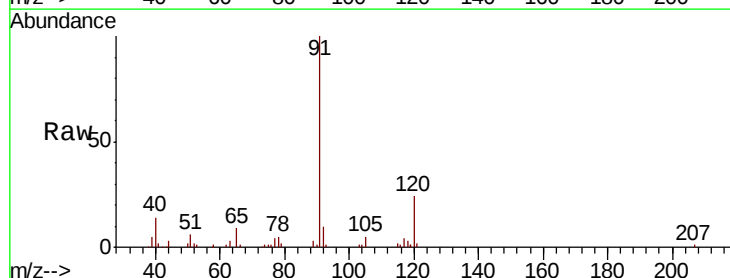
Delta R.T. 0.01 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Tgt Ion: 91 Resp: 59829

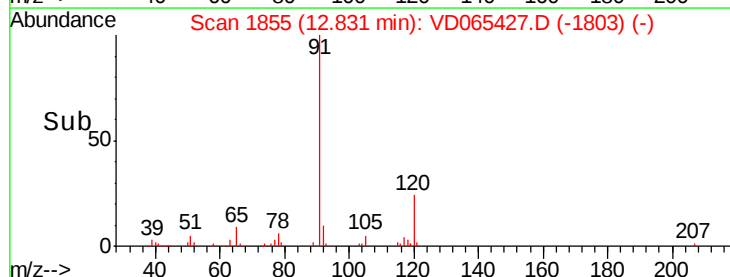
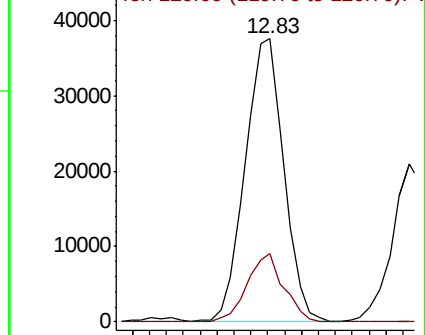
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.7  | 11.9  | 35.5  |

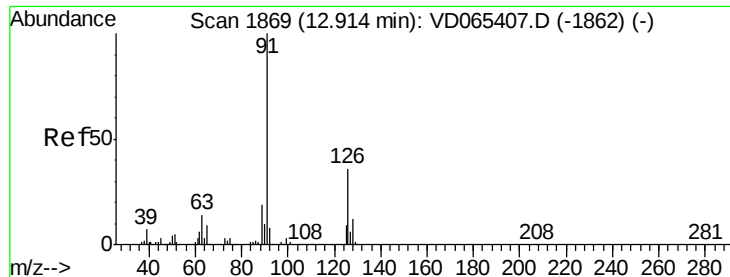


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.704 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065427.D

Acq: 05 Mar 2020 13:18

Instrument :

MSVOA\_D

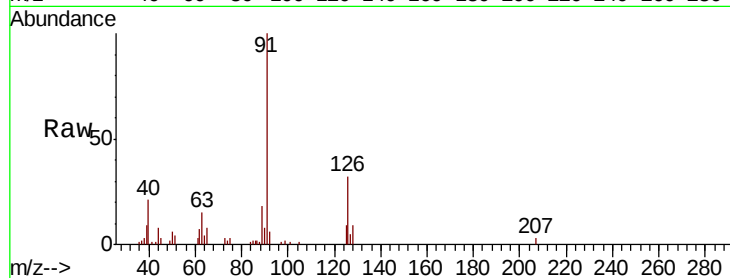
ClientSampleId :

Tot Ion: 91 Resp: 34228

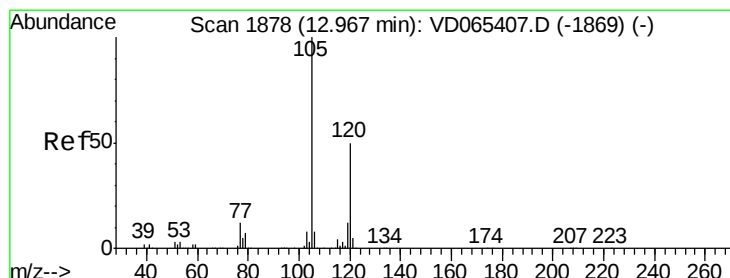
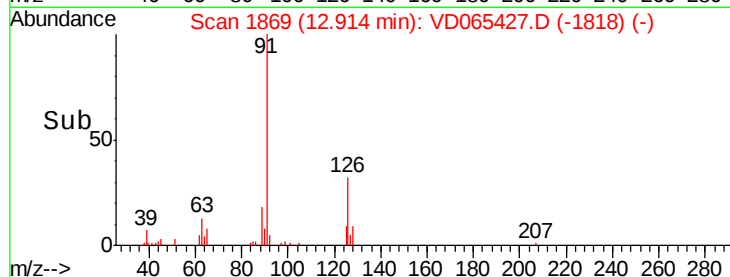
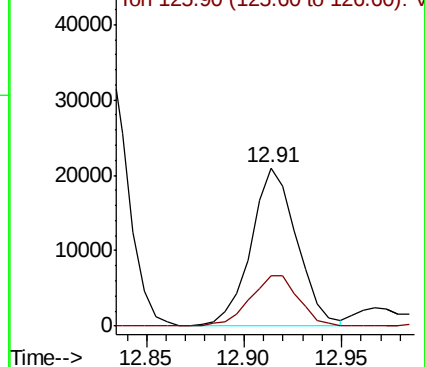
Ion Ratio Lower Upper

91 100

126 33.7 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 2.286 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065427.D

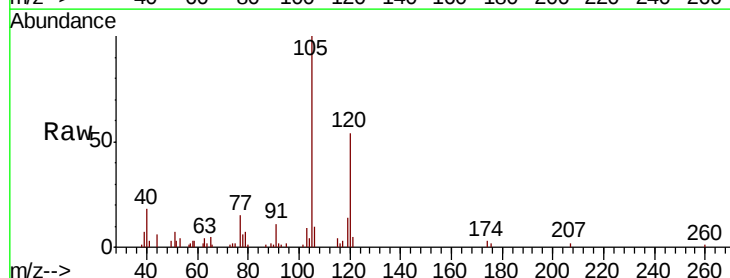
Acq: 05 Mar 2020 13:18

Tgt Ion:105 Resp: 35573

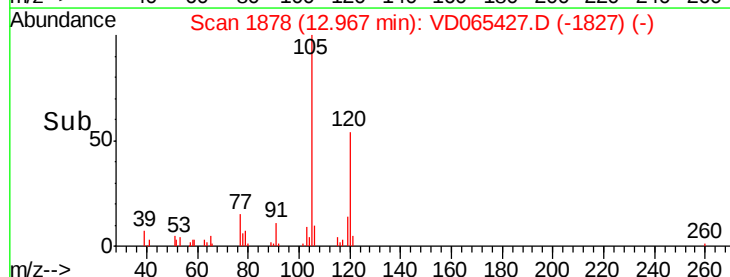
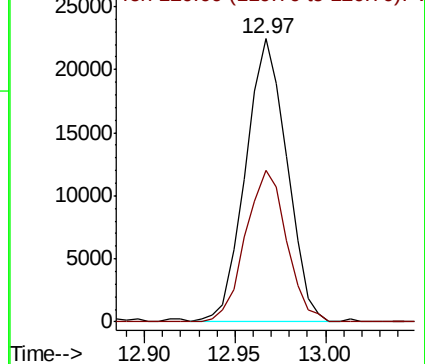
Ion Ratio Lower Upper

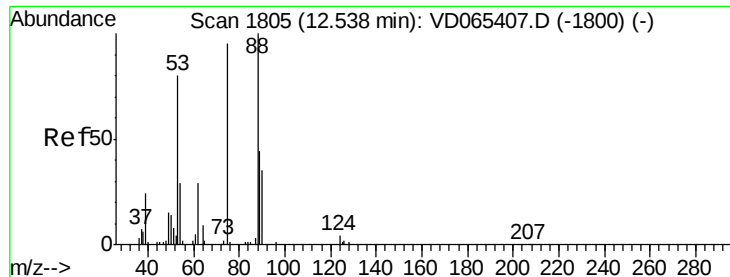
105 100

120 53.4 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

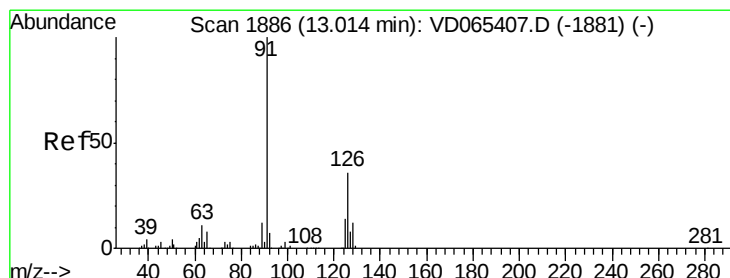
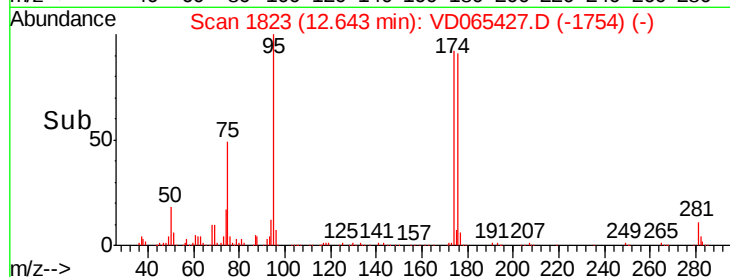
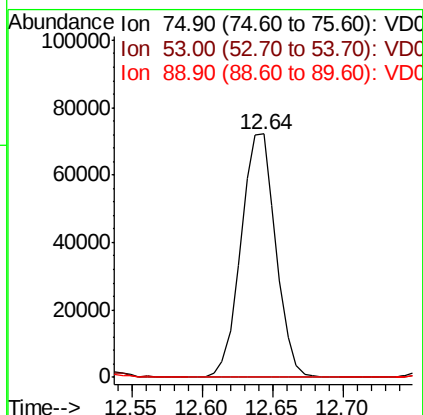
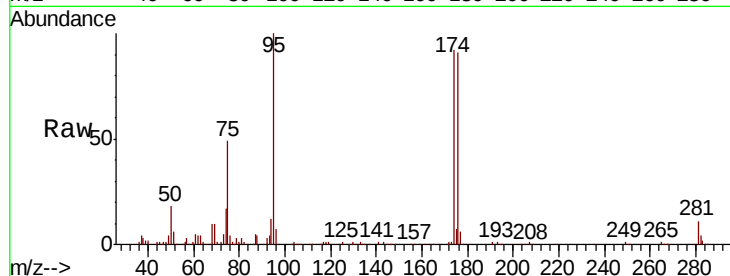




#81  
trans-1,4-Dichloro-2-butene  
Concen: 115.705 ug/l  
RT: 12.64 min Scan# 1823  
Delta R.T. 0.11 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

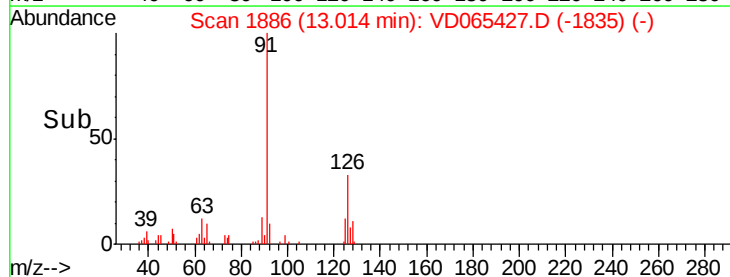
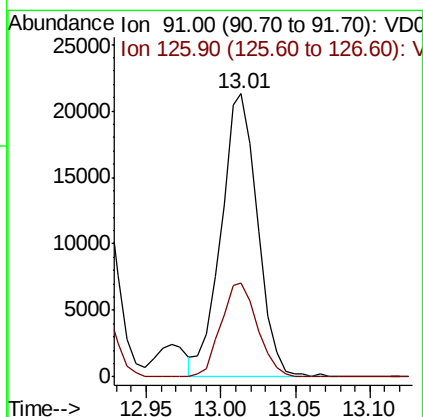
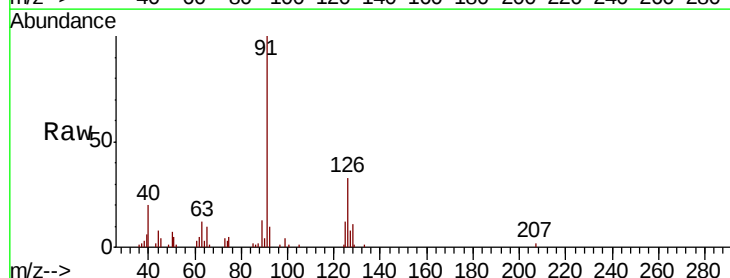
Instrument :  
MSVOA\_D  
ClientSampleID :

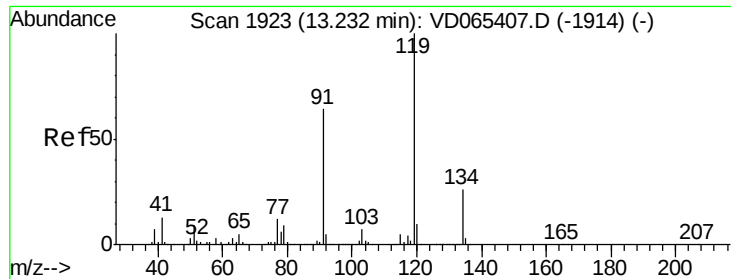
Tot Ion: 75 Resp: 124515  
Ion Ratio Lower Upper  
75 100  
53 0.0 71.3 106.9#  
89 0.0 37.0 55.6#



#82  
4-Chlorotoluene  
Concen: 2.736 ug/l  
RT: 13.01 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 91 Resp: 36389  
Ion Ratio Lower Upper  
91 100  
126 32.9 17.6 52.8

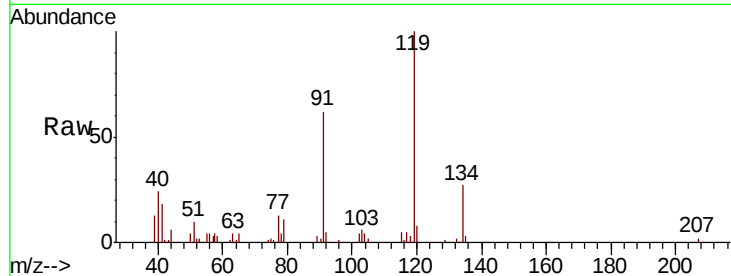




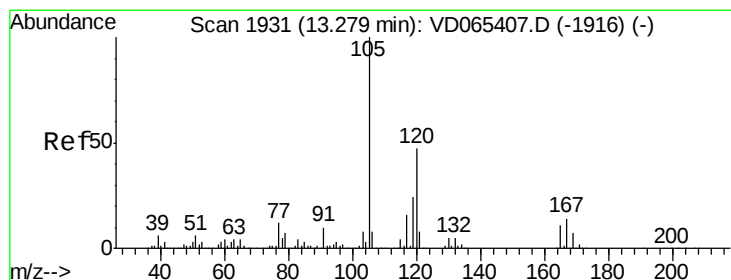
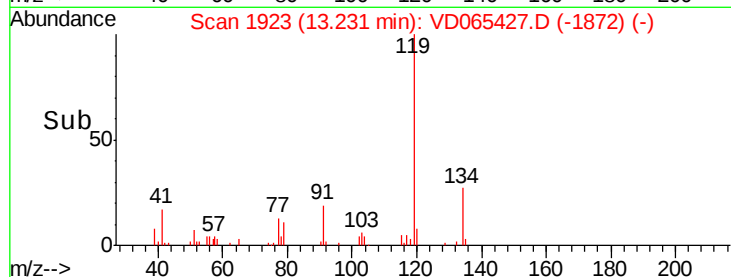
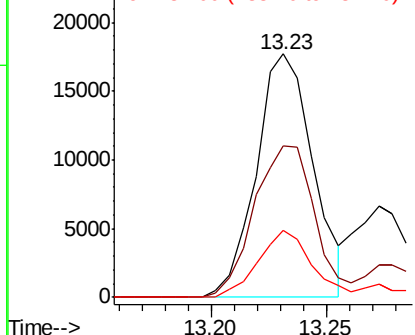
#83  
tert-Butylbenzene  
Concen: 2.300 ug/l  
RT: 13.23 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:119 Resp: 30284  
Ion Ratio Lower Upper  
119 100  
91 66.3 31.6 95.0  
134 25.7 14.2 42.8

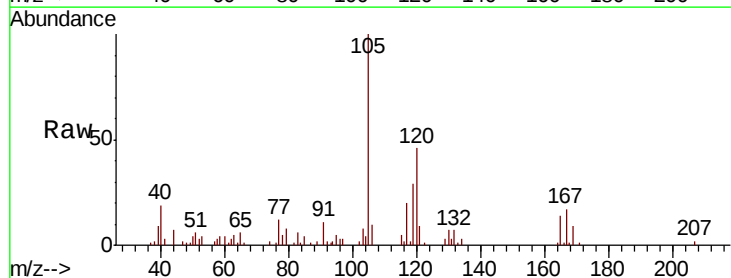


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

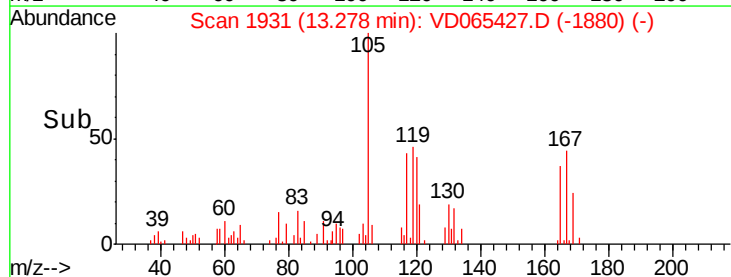
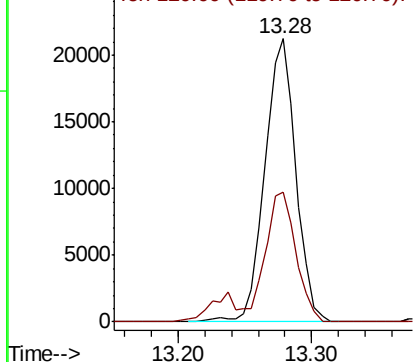


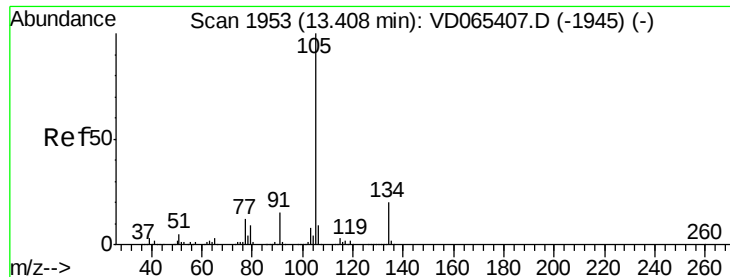
#84  
1,2,4-Trimethylbenzene  
Concen: 2.222 ug/l  
RT: 13.28 min Scan# 1931  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion:105 Resp: 34082  
Ion Ratio Lower Upper  
105 100  
120 44.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V

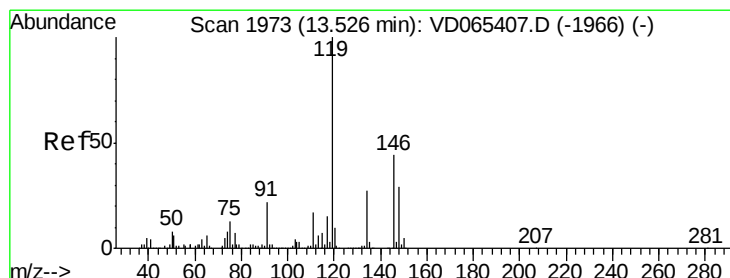
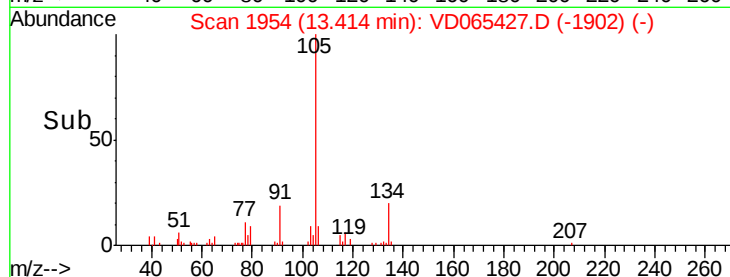
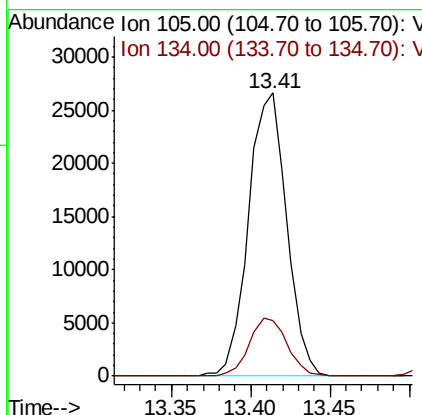
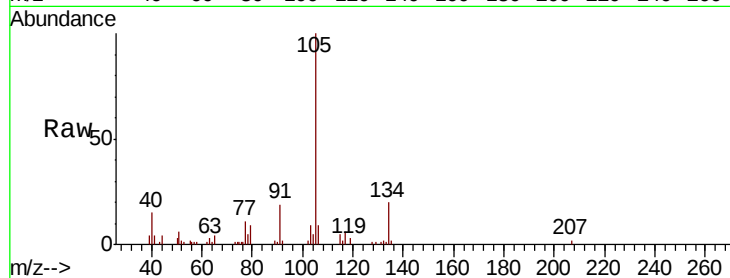




#85  
 sec-Butylbenzene  
 Concen: 2.368 ug/l  
 RT: 13.41 min Scan# 1954  
 Delta R.T. 0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

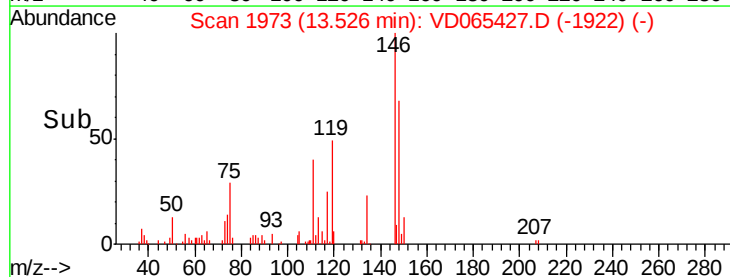
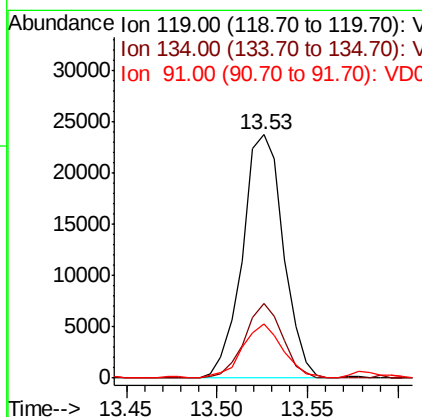
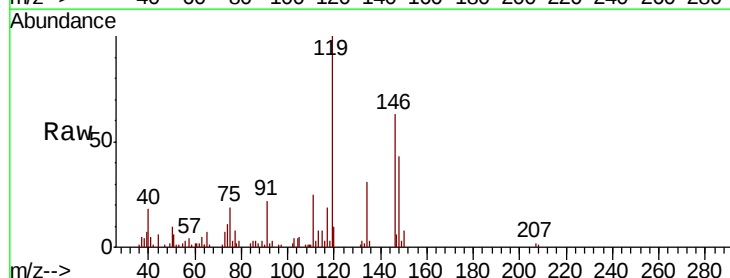
Instrument :  
 MSVOA\_D  
 ClientSampled :

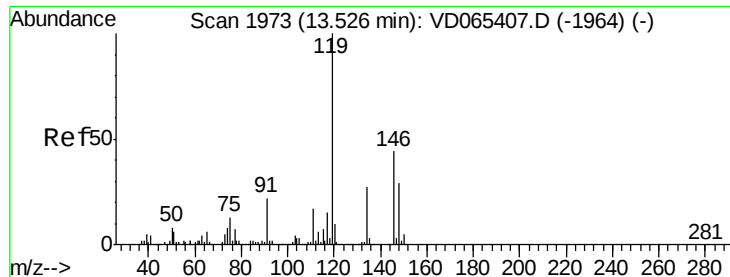
Tot Ion:105 Resp: 44508  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.9



#86  
 p-Isopropyltoluene  
 Concen: 2.175 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Tgt Ion:119 Resp: 37292  
 Ion Ratio Lower Upper  
 119 100  
 134 28.4 13.3 39.9  
 91 22.1 10.9 32.6

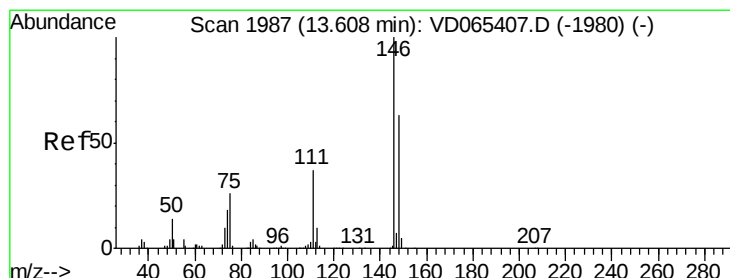
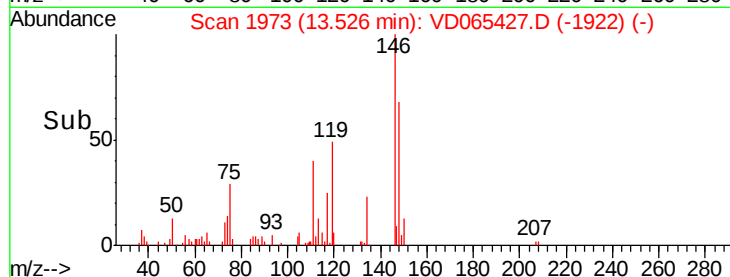
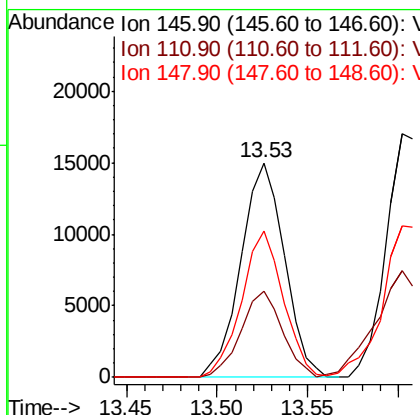
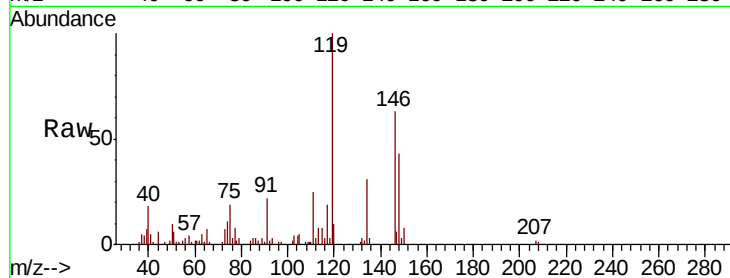




#87  
 1,3-Dichlorobenzene  
 Concen: 2.768 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

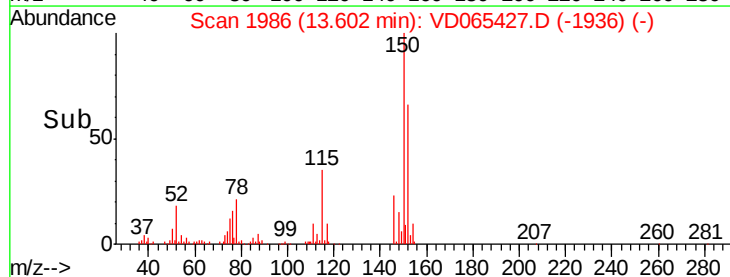
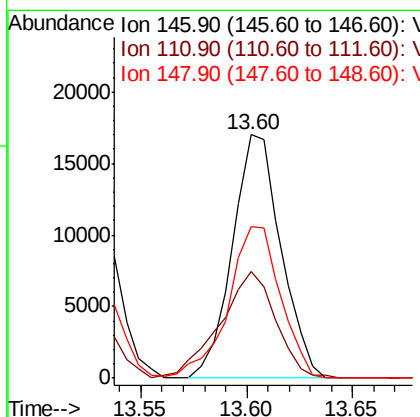
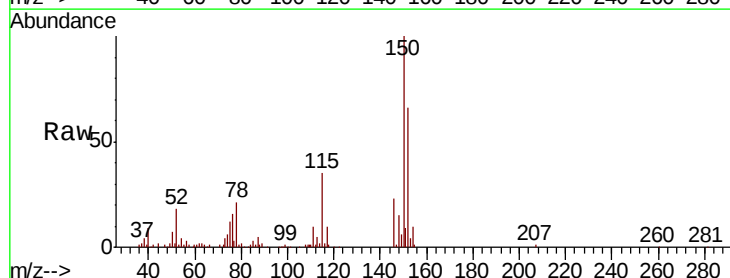
Instrument :  
 MSVOA\_D  
 ClientSampleId :

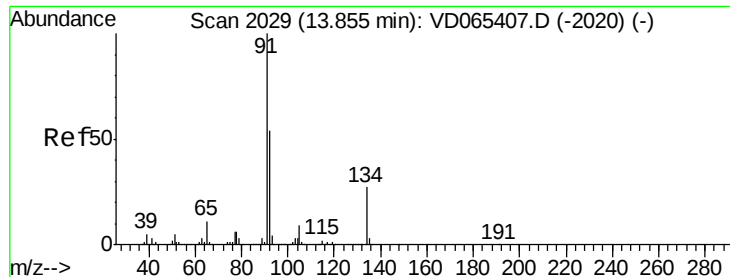
Tot Ion:146 Resp: 25030  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 19.1 57.1  
 148 65.5 32.3 96.8



#88  
 1,4-Dichlorobenzene  
 Concen: 3.013 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Tgt Ion:146 Resp: 27099  
 Ion Ratio Lower Upper  
 146 100  
 111 50.3 18.5 55.5  
 148 67.1 32.0 96.0

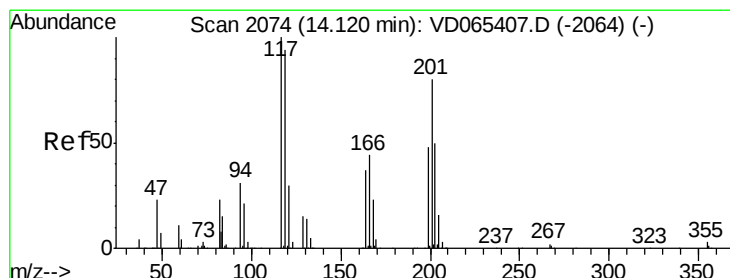
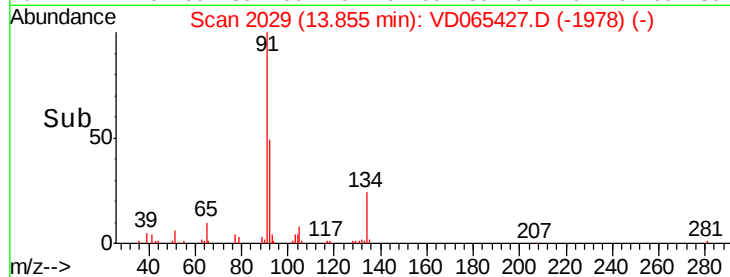
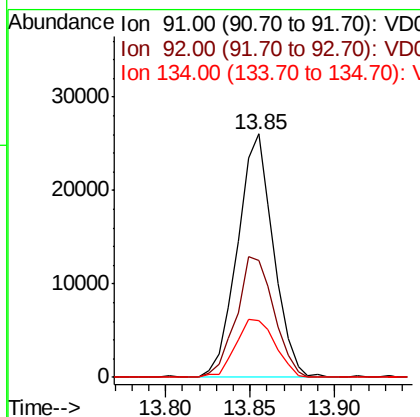
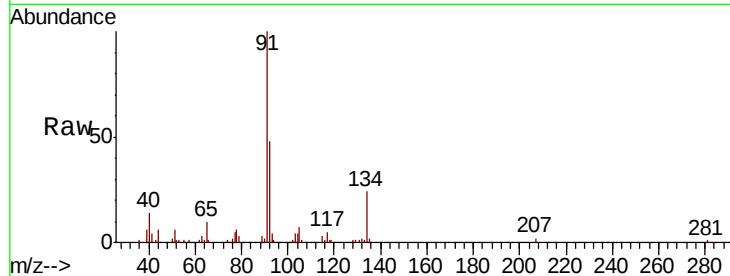




#89  
n-Butylbenzene  
Concen: 2.431 ug/l  
RT: 13.85 min Scan# 2029  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

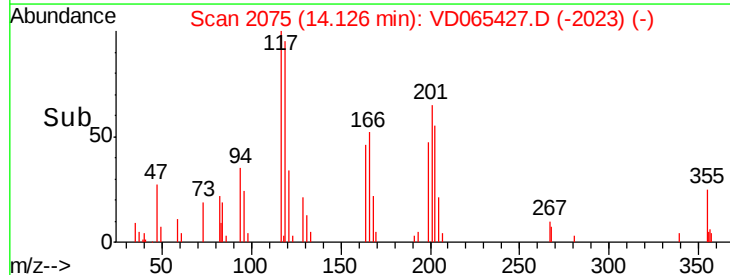
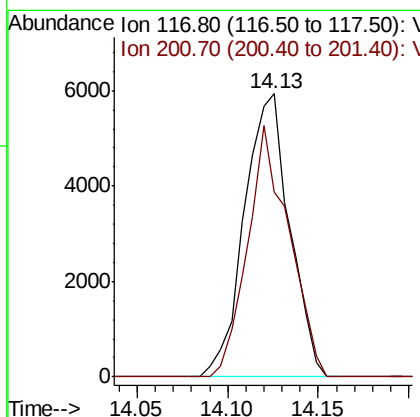
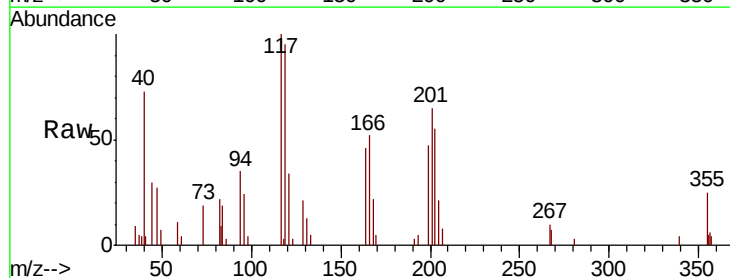
Instrument :  
MSVOA\_D  
ClientSampleId :

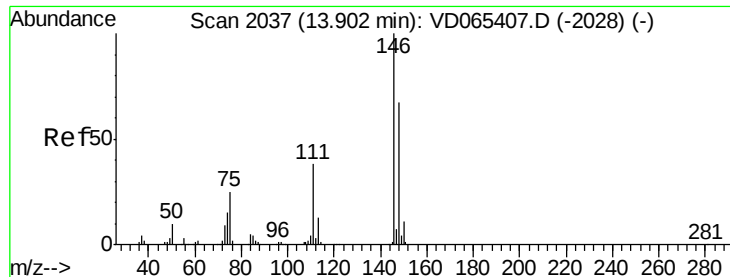
Tot Ion: 91 Resp: 38541  
Ion Ratio Lower Upper  
91 100  
92 51.7 26.8 80.4  
134 26.2 13.4 40.2



#90  
Hexachloroethane  
Concen: 2.920 ug/l  
RT: 14.13 min Scan# 2075  
Delta R.T. 0.01 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion: 117 Resp: 10312  
Ion Ratio Lower Upper  
117 100  
201 80.9 41.9 125.6

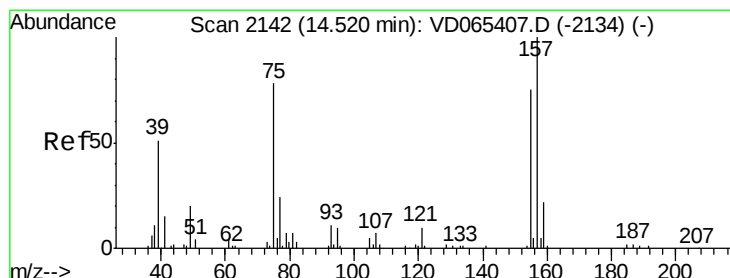
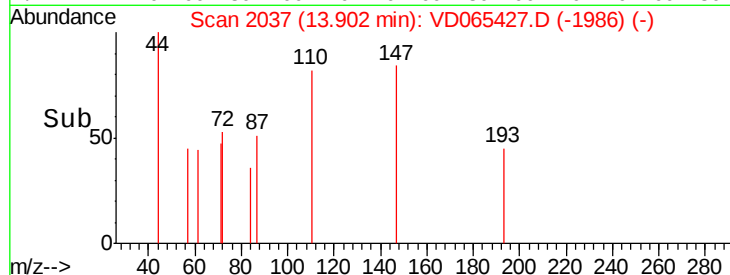
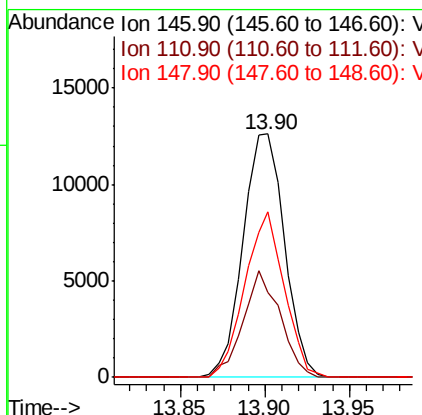
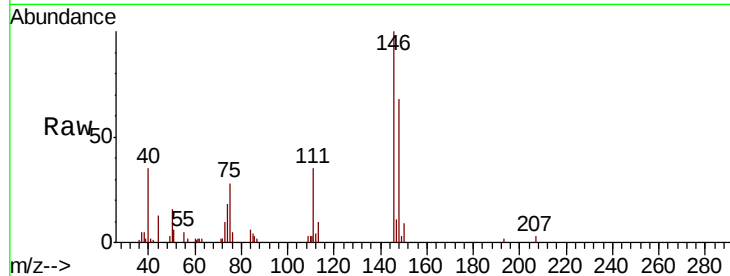




#91  
 1,2-Dichlorobenzene  
 Concen: 2.807 ug/l  
 RT: 13.90 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

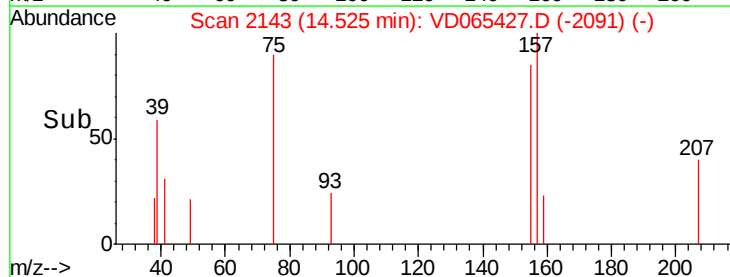
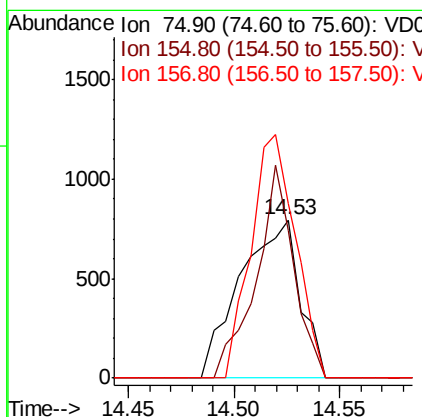
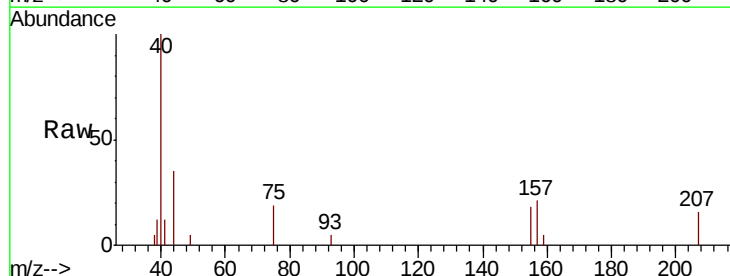
Instrument :  
 MSVOA\_D  
 ClientSampleId :

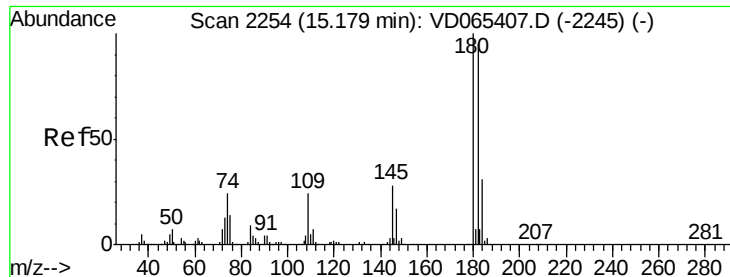
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.1  | 19.8  | 59.3  |
| 148     | 64.4  | 32.6  | 97.8  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 3.078 ug/l  
 RT: 14.53 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.9  | 46.4  | 139.1 |
| 157     | 115.3 | 60.2  | 180.4 |

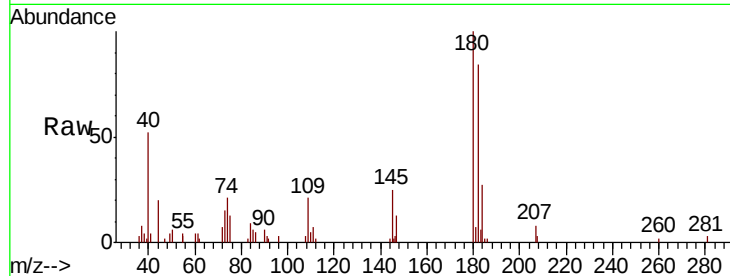




#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.821 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 88.1  | 48.3  | 144.9 |
| 145     | 29.1  | 14.4  | 43.4  |

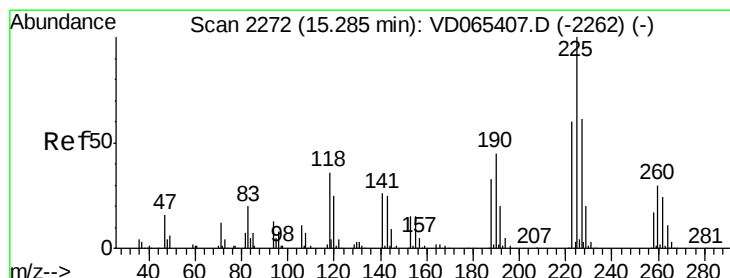
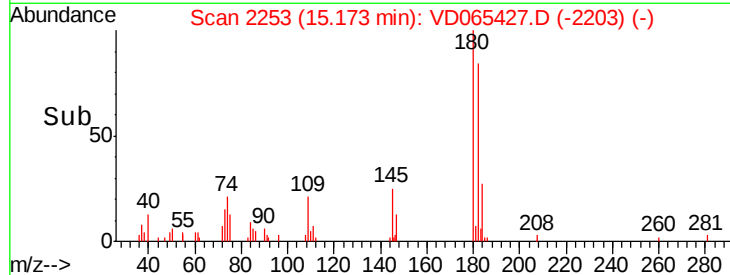
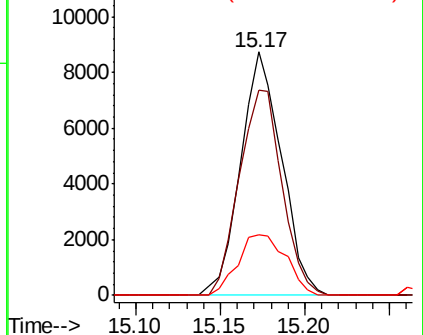


Abundance

Ion 179.80 (179.50 to 180.50): V

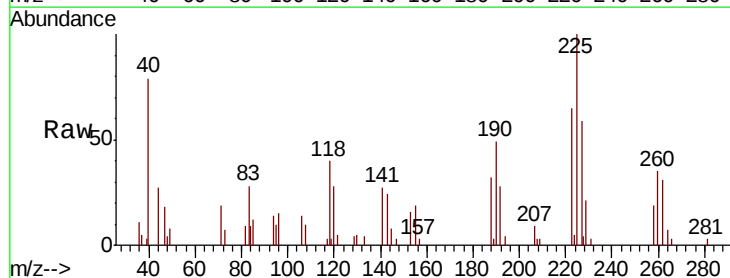
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 2.918 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: VD065427.D  
 Acq: 05 Mar 2020 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 67.0  | 30.9  | 92.5  |
| 227     | 59.8  | 31.6  | 94.7  |

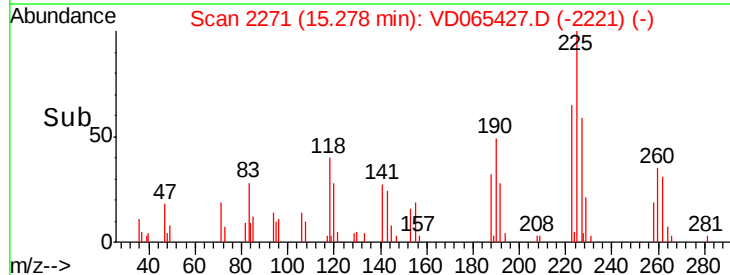
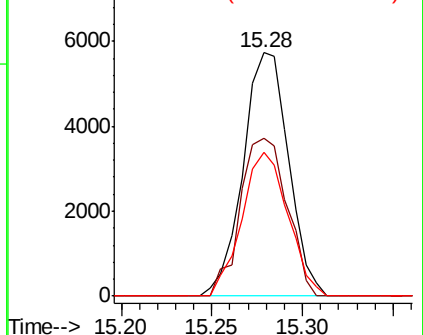


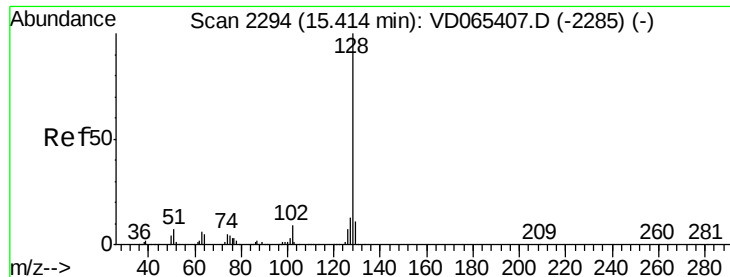
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

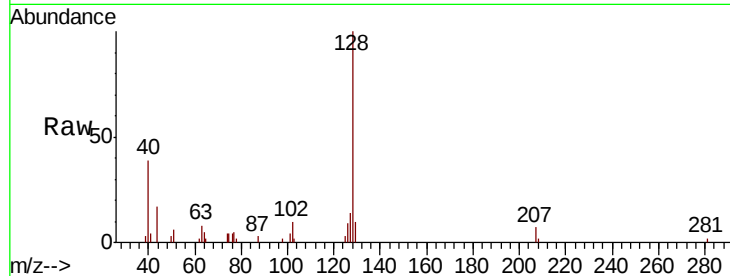




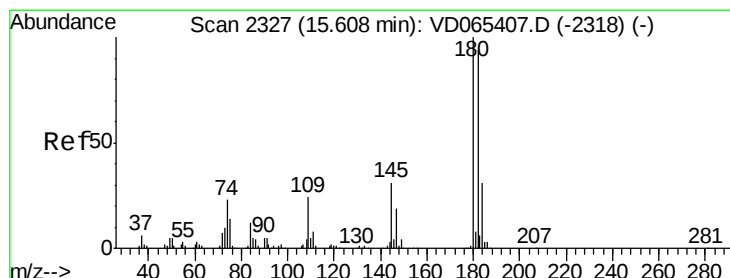
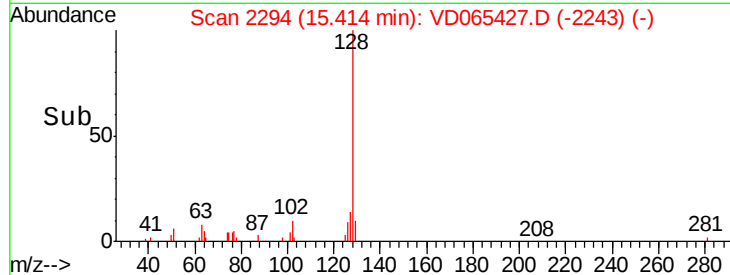
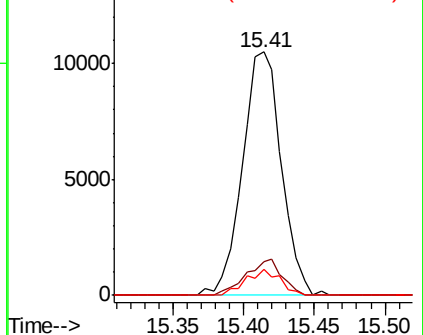
#95  
Naphthalene  
Concen: 2.429 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:128 Resp: 20259  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.6 16.0  
129 9.3 8.7 13.1

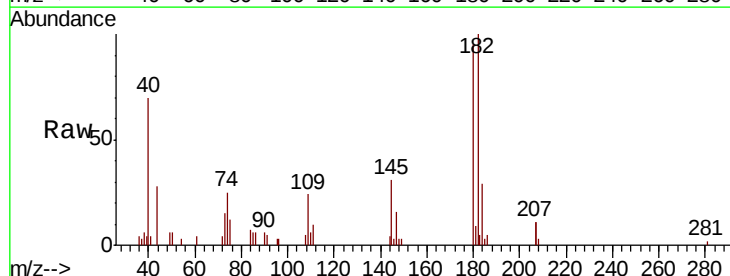


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 2.873 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. -0.00 min  
Lab File: VD065427.D  
Acq: 05 Mar 2020 13:18

Tgt Ion:180 Resp: 12949  
Ion Ratio Lower Upper  
180 100  
182 93.1 46.9 140.6  
145 31.7 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

