

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\  
 Data File : VD064591.D  
 Acq On : 26 Dec 2019 11:20  
 Operator : VA/SY  
 Sample : VD1226SBS01  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

Quant Time: Dec 27 01:37:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 24 13:19:06 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 471956   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 668661   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 596620   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 290511   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.33   | 65  | 212982   | 51.18 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.36% |      |
| 35) Dibromofluoromethane    | 7.91   | 113 | 215584   | 52.55 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.10% |      |
| 50) Toluene-d8              | 10.34  | 98  | 833700   | 53.06 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 106.12% |      |
| 62) 4-Bromofluorobenzene    | 12.64  | 95  | 266887   | 53.72 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.44% |      |

| Target Compounds              |      |     |        |        | Qvalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 72887  | 19.872 | ug/l 98   |
| 3) Chloromethane              | 2.21 | 50  | 103324 | 20.143 | ug/l 99   |
| 4) Vinyl Chloride             | 2.35 | 62  | 119688 | 19.137 | ug/l 98   |
| 5) Bromomethane               | 2.76 | 94  | 88621  | 19.488 | ug/l 92   |
| 6) Chloroethane               | 2.92 | 64  | 82837  | 19.766 | ug/l 94   |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 207675 | 19.720 | ug/l 99   |
| 8) Diethyl Ether              | 3.70 | 74  | 40707  | 19.466 | ug/l 99   |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 85132  | 19.520 | ug/l 98   |
| 10) Methyl Iodide             | 4.29 | 142 | 87043  | 18.580 | ug/l 99   |
| 11) Tert butyl alcohol        | 5.24 | 59  | 21990  | 92.199 | ug/l 99   |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 83254  | 20.051 | ug/l 96   |
| 13) Acrolein                  | 3.93 | 56  | 27896  | 83.924 | ug/l 98   |
| 14) Allyl chloride            | 4.71 | 41  | 130196 | 20.111 | ug/l 99   |
| 15) Acrylonitrile             | 5.43 | 53  | 82951  | 95.229 | ug/l 98   |
| 16) Acetone                   | 4.16 | 43  | 80243  | 87.579 | ug/l 98   |
| 17) Carbon Disulfide          | 4.40 | 76  | 267448 | 19.920 | ug/l 100  |
| 18) Methyl Acetate            | 4.71 | 43  | 43024  | 18.363 | ug/l 96   |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 175629 | 19.043 | ug/l 92   |
| 20) Methylene Chloride        | 4.96 | 84  | 92896  | 18.774 | ug/l 98   |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 92612  | 19.585 | ug/l 92   |
| 22) Diisopropyl ether         | 6.37 | 45  | 249083 | 19.290 | ug/l 97   |
| 23) Vinyl Acetate             | 6.31 | 43  | 704637 | 96.199 | ug/l 99   |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 158066 | 20.391 | ug/l 98   |
| 25) 2-Butanone                | 7.22 | 43  | 108433 | 94.789 | ug/l 98   |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 142485 | 19.770 | ug/l 99   |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 99091  | 19.417 | ug/l 96   |
| 28) Bromochloromethane        | 7.54 | 49  | 53602  | 17.788 | ug/l 96   |
| 29) Tetrahydrofuran           | 7.57 | 42  | 66288  | 93.181 | ug/l 97   |
| 30) Chloroform                | 7.71 | 83  | 161794 | 19.894 | ug/l 95   |
| 31) Cyclohexane               | 7.98 | 56  | 150547 | 19.401 | ug/l # 91 |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 149488 | 19.569 | ug/l 99   |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 131215 | 20.388 | ug/l 100  |
| 37) Ethyl Acetate             | 7.30 | 43  | 49248  | 19.479 | ug/l 99   |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 135413 | 19.732 | ug/l 99   |

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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 160904   | 20.642  | ug/l   | 100      |
| 40) Benzene                    | 8.35  | 78   | 352609   | 20.070  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.54  | 41   | 29789    | 20.307  | ug/l # | 93       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 102413   | 20.172  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.46  | 43   | 96298    | 19.135  | ug/l   | 96       |
| 44) Trichloroethene            | 9.11  | 130  | 103315   | 20.017  | ug/l   | 90       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 83428    | 19.888  | ug/l   | 97       |
| 46) Dibromomethane             | 9.47  | 93   | 47100    | 20.139  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 122543   | 19.691  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.46  | 41   | 43090    | 18.185  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 9844     | 365.029 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 231899   | 93.229  | ug/l   | 100      |
| 52) Toluene                    | 10.40 | 92   | 226930   | 19.687  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 112770   | 19.436  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 137441   | 20.089  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 60659    | 19.245  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 74323    | 18.881  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 106762   | 19.673  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 149283   | 99.541  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 158338   | 93.787  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 85232    | 19.555  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 61856    | 19.897  | ug/l   | 96       |
| 64) Tetrachloroethene          | 10.87 | 164  | 88900    | 19.422  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 245277   | 19.808  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 91735    | 19.651  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.75 | 91   | 437426   | 19.462  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 337948   | 38.956  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 151588   | 19.346  | ug/l   | 99       |
| 70) Styrene                    | 12.20 | 104  | 265596   | 19.311  | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 50236    | 18.871  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 422065   | 20.330  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.29 | 43   | 87182    | 19.645  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 63089    | 19.345  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 86459    | 37.688  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 102036   | 20.002  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.83 | 91   | 487871   | 20.143  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 269998   | 20.293  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 345287   | 20.247  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 21062    | 19.202  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 281893   | 19.909  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 301403   | 20.355  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 339387   | 19.982  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 410912   | 20.242  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 383815   | 19.774  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 193097   | 19.857  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 191669   | 20.064  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 356395   | 20.389  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 71620    | 19.316  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 166405   | 20.068  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 9941     | 18.803  | ug/l   | 93       |

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Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

Quant Time: Dec 27 01:37:39 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D122419S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 24 13:19:06 2019  
Response via : Initial Calibration

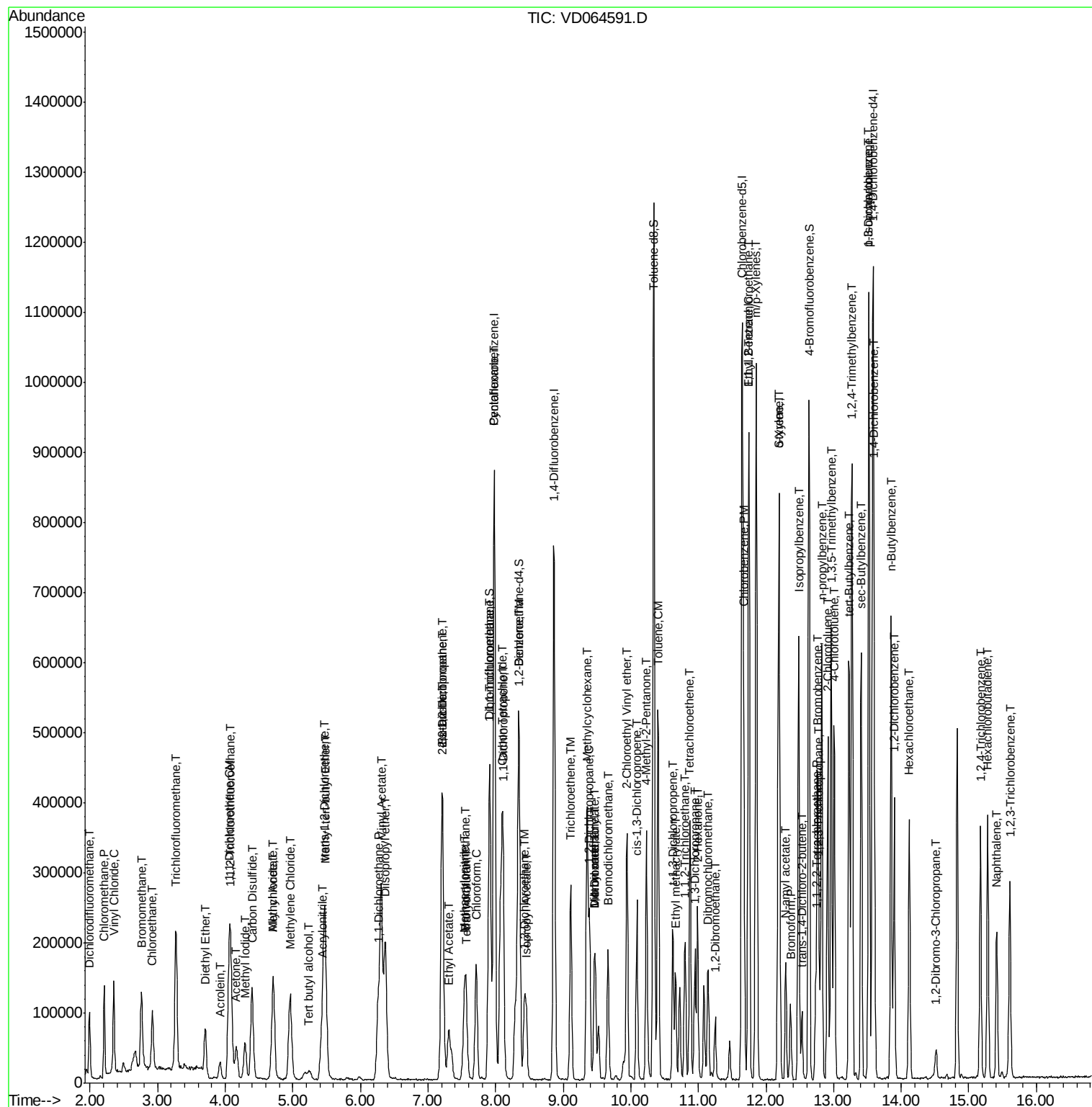
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 120796   | 19.784 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 75590    | 19.674 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 183813   | 19.030 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 102090   | 19.586 | ug/l  | 99       |

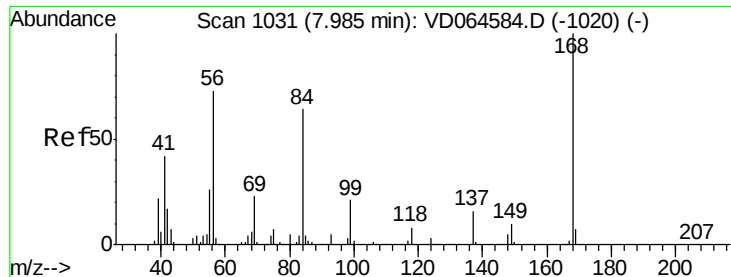
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\  
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 Acq On : 26 Dec 2019 11:20  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

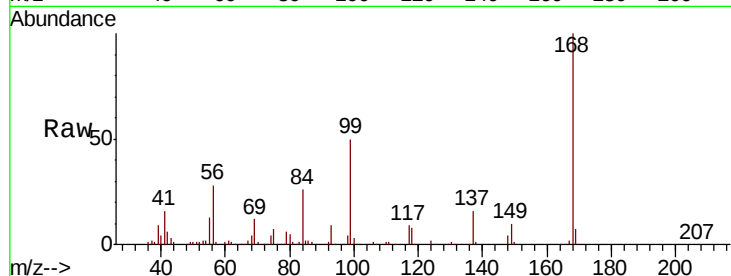
VD1226SBS01

Tot Ion:168 Resp: 471956

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

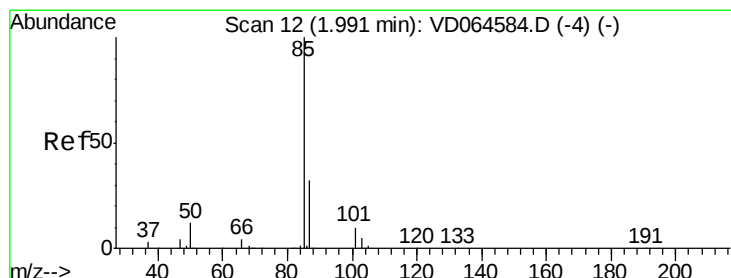
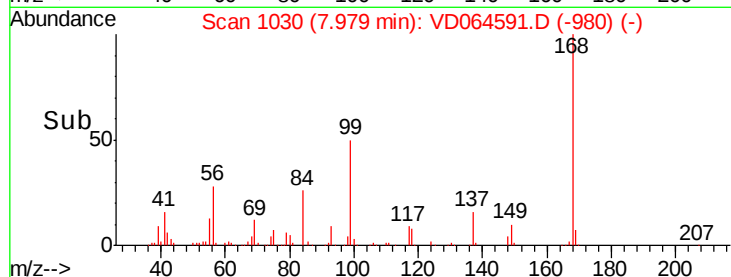
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.872 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064591.D

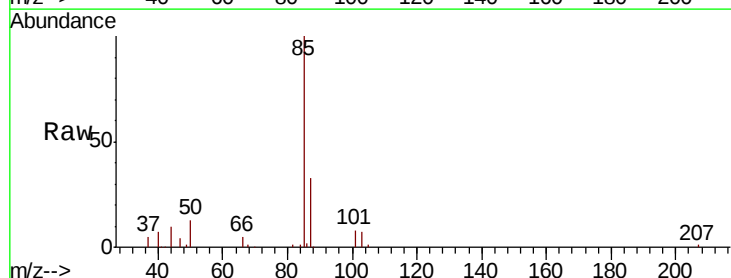
Acq: 26 Dec 2019 11:20

Tgt Ion: 85 Resp: 72887

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

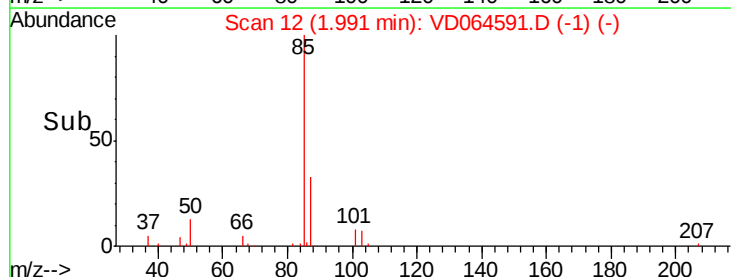
20000

10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.143 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

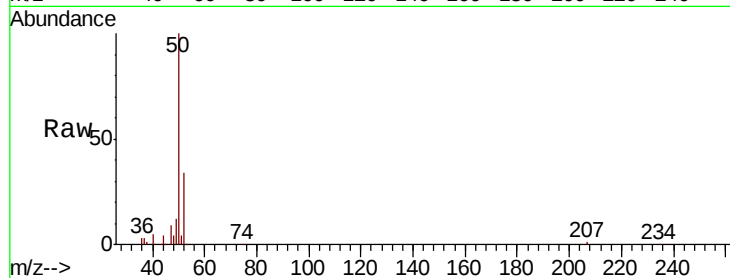
VD1226SBS01

Tot Ion: 50 Resp: 103324

Ion Ratio Lower Upper

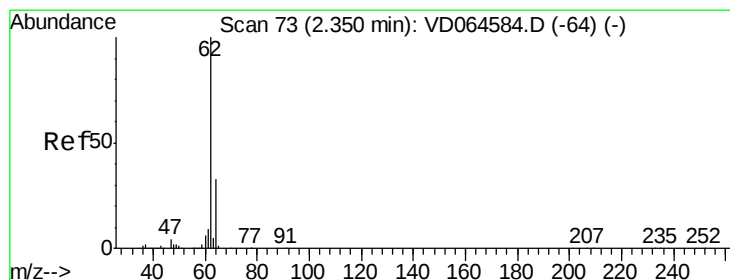
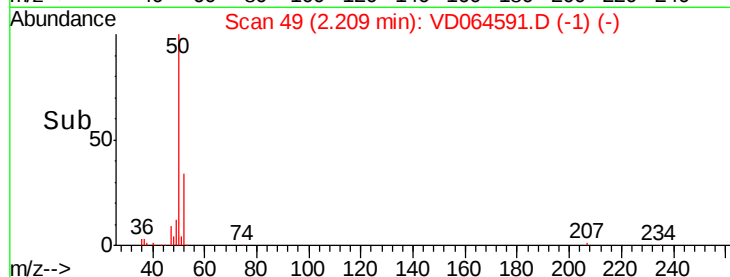
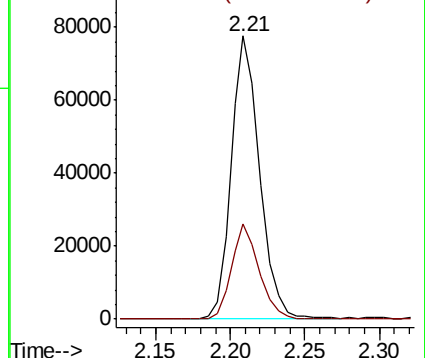
50 100

52 33.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.137 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064591.D

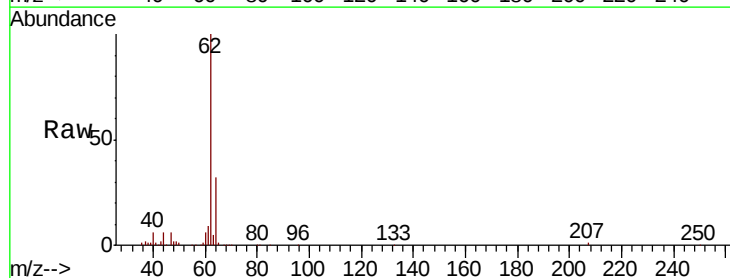
Acq: 26 Dec 2019 11:20

Tgt Ion: 62 Resp: 119688

Ion Ratio Lower Upper

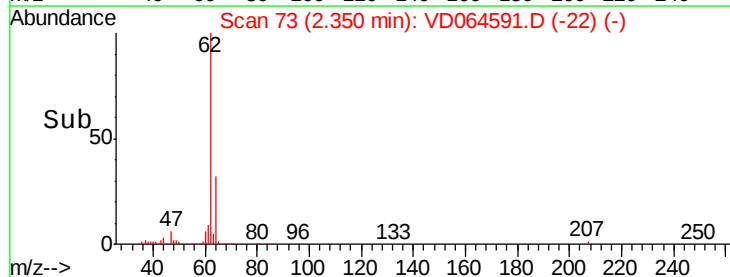
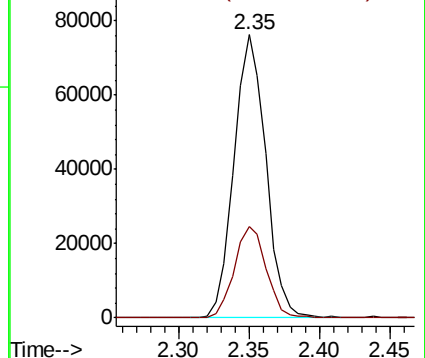
62 100

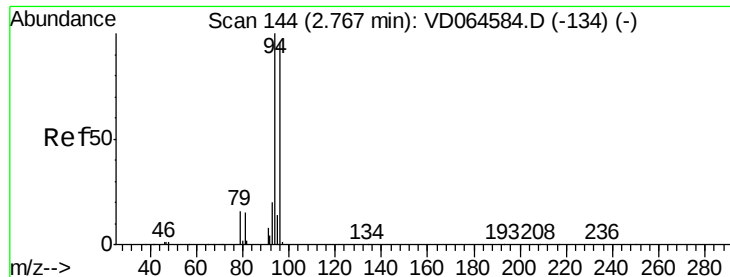
64 32.3 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.488 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

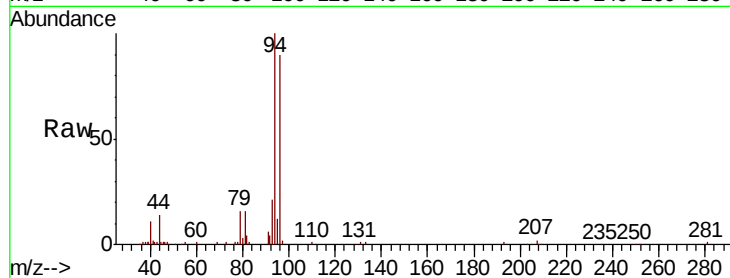
VD1226SBS01

Tot Ion: 94 Resp: 88621

Ion Ratio Lower Upper

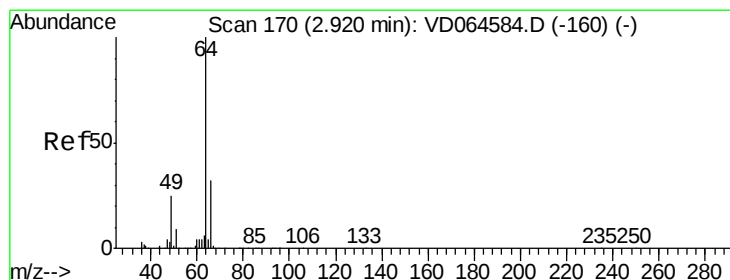
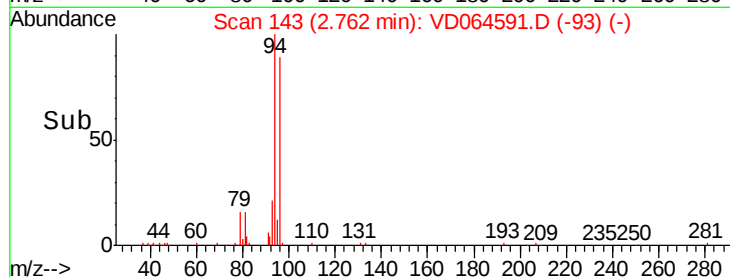
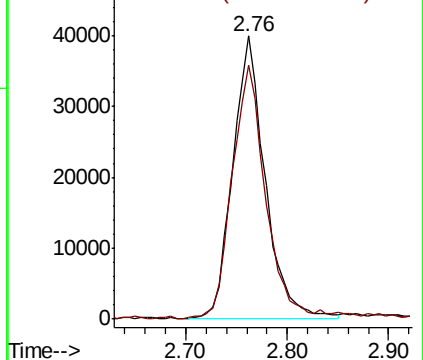
94 100

96 89.0 77.2 115.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.766 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064591.D

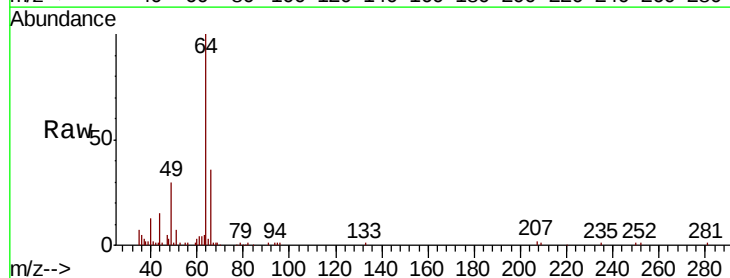
Acq: 26 Dec 2019 11:20

Tgt Ion: 64 Resp: 82837

Ion Ratio Lower Upper

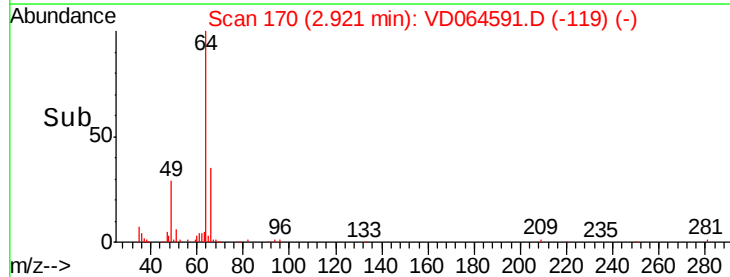
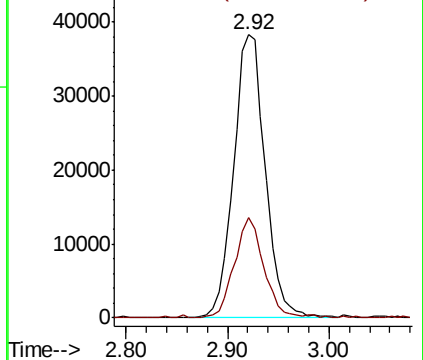
64 100

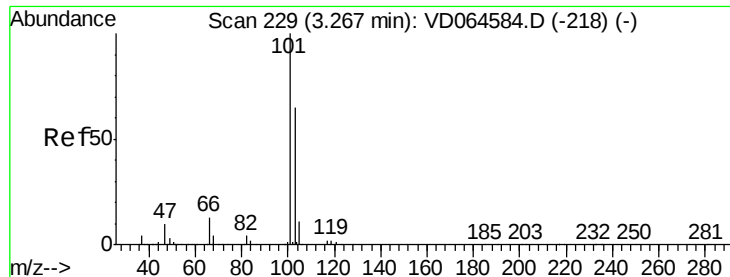
66 35.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



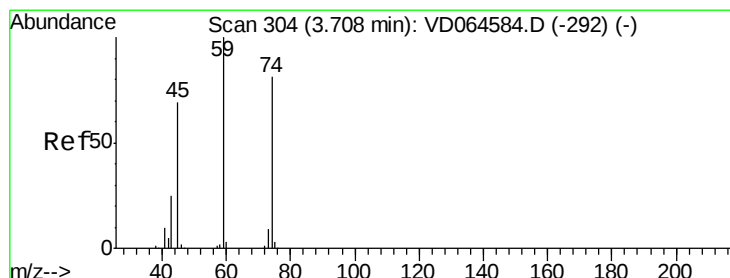
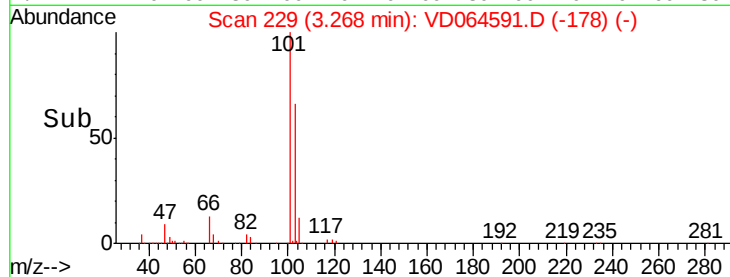
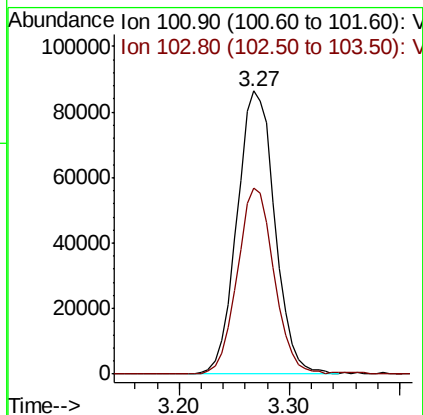
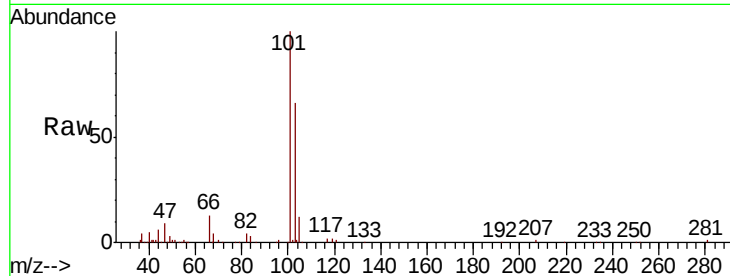


#7

Trichlorofluoromethane  
Concen: 19.720 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

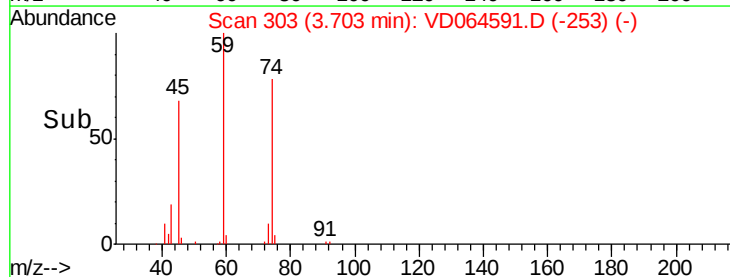
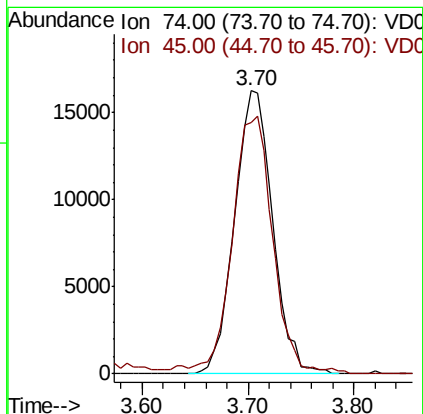
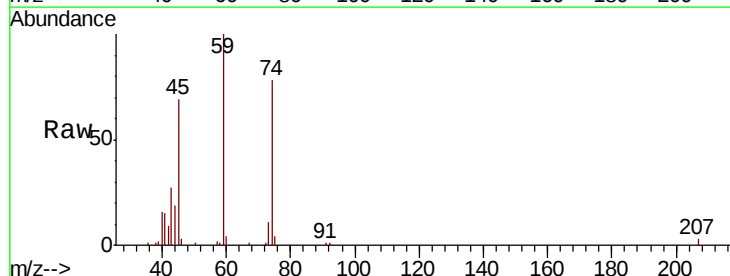
Tot Ion:101 Resp: 207675  
Ion Ratio Lower Upper  
101 100  
103 65.9 52.2 78.4

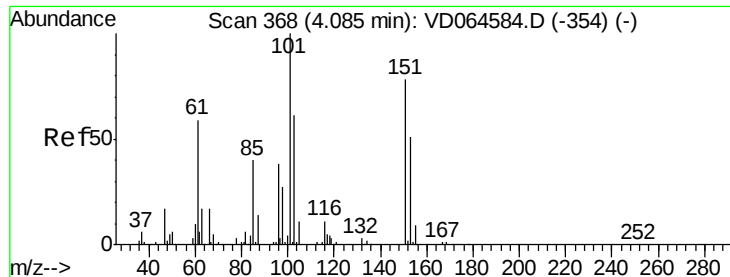


#8

Diethyl Ether  
Concen: 19.466 ug/l  
RT: 3.70 min Scan# 303  
Delta R.T. -0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 74 Resp: 40707  
Ion Ratio Lower Upper  
74 100  
45 96.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.520 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

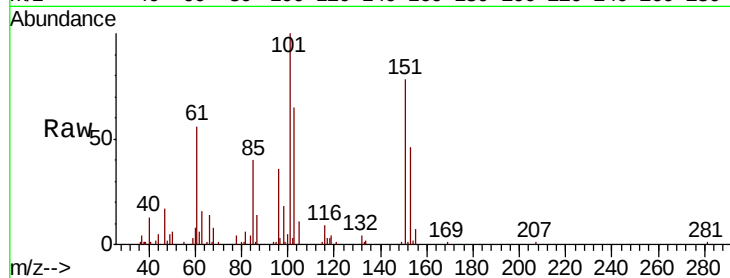
Tot Ion:101 Resp: 85132

Ion Ratio Lower Upper

101 100

85 45.3 35.2 52.8

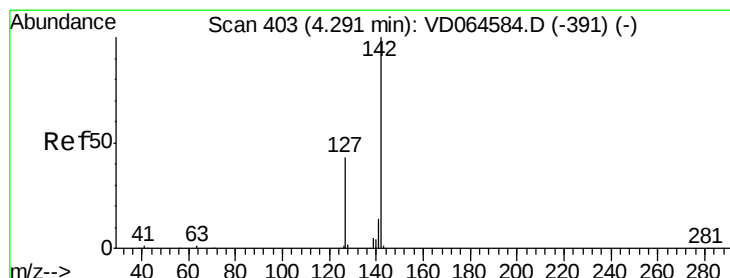
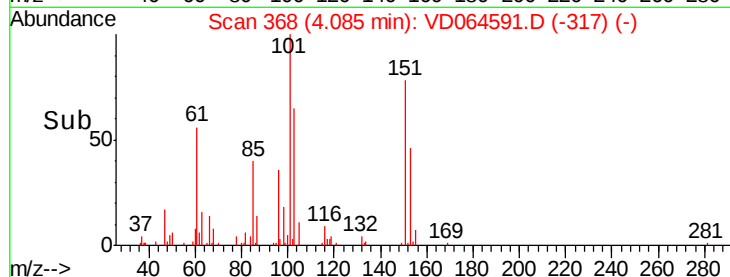
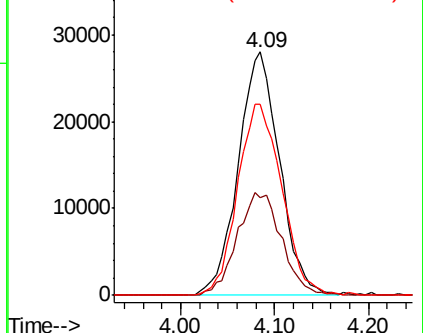
151 84.1 66.2 99.4



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: 18.580 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

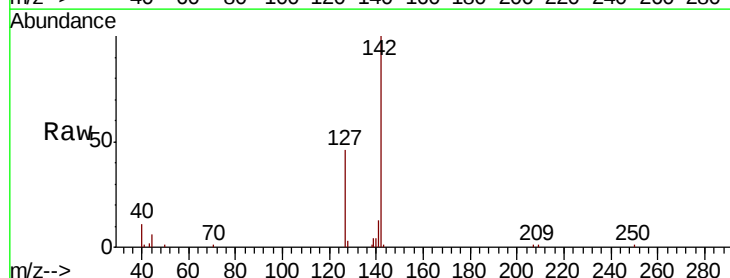
Tgt Ion:142 Resp: 87043

Ion Ratio Lower Upper

142 100

127 44.2 36.2 54.4

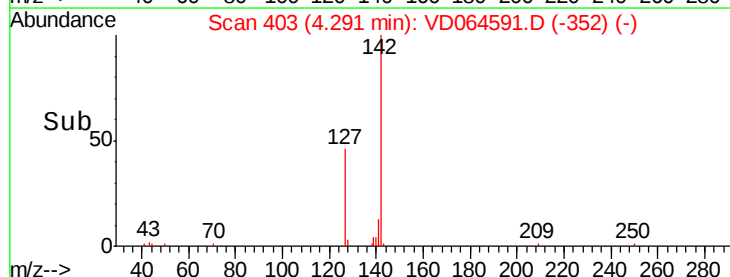
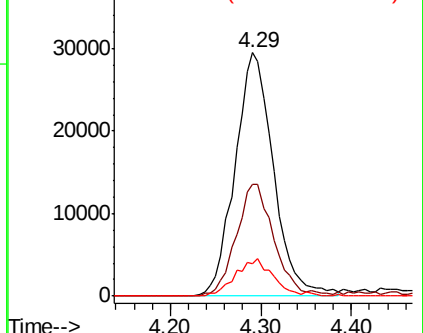
141 15.1 11.8 17.8

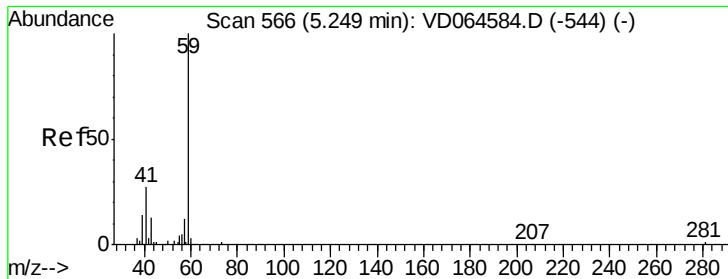


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



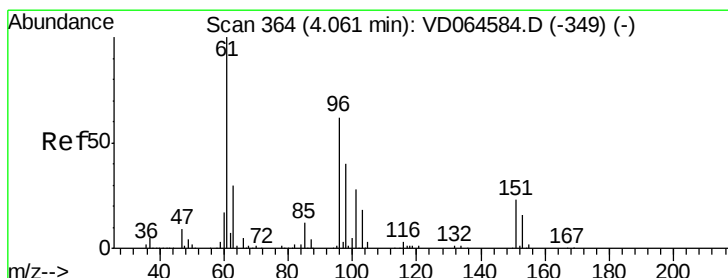
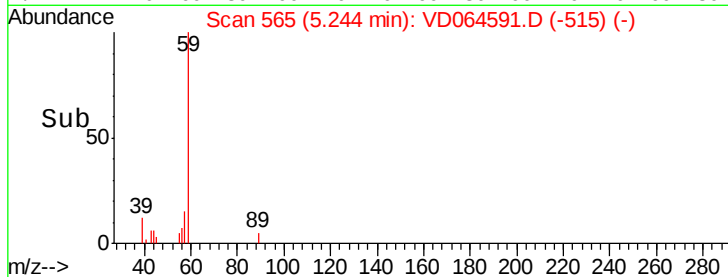
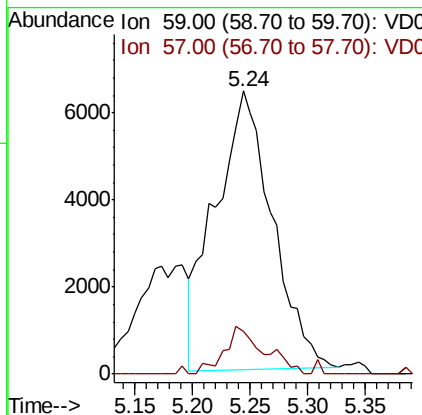
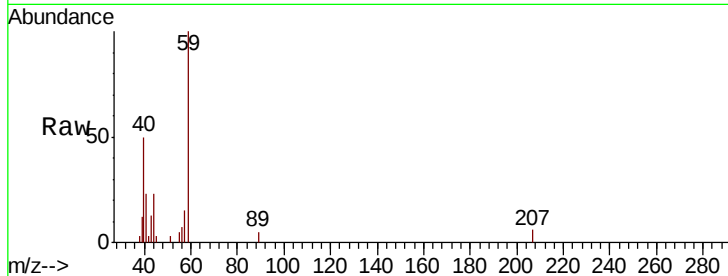


#11

Tert butyl alcohol  
 Concen: 92.199 ug/l  
 RT: 5.24 min Scan# 565  
 Delta R.T. -0.01 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

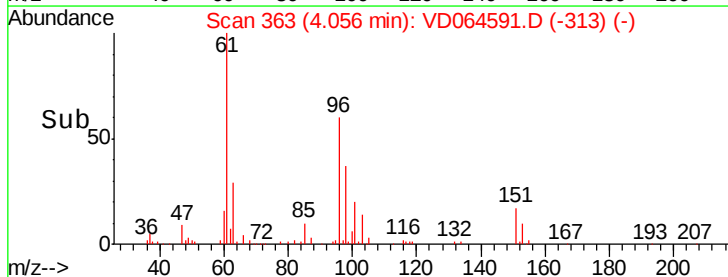
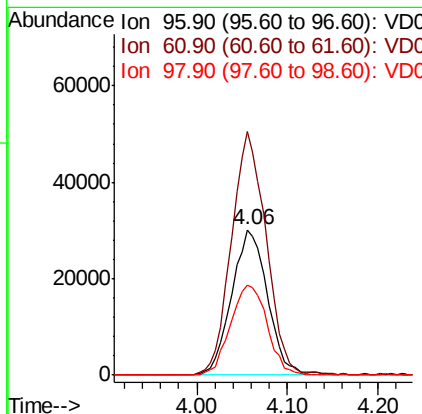
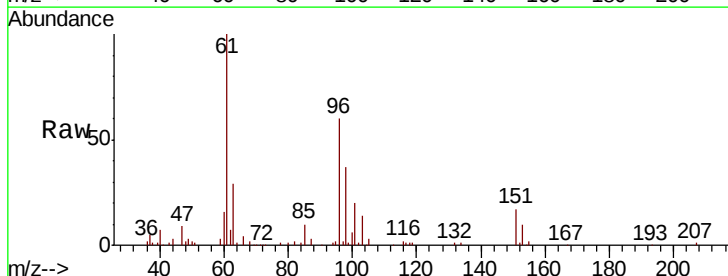
Tot Ion: 59 Resp: 21990  
 Ion Ratio Lower Upper  
 59 100  
 57 12.0 9.3 13.9

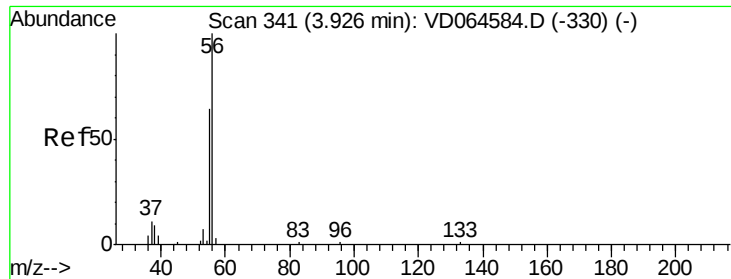


#12

1,1-Dichloroethene  
 Concen: 20.051 ug/l  
 RT: 4.06 min Scan# 363  
 Delta R.T. -0.01 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Tgt Ion: 96 Resp: 83254  
 Ion Ratio Lower Upper  
 96 100  
 61 167.5 129.4 194.0  
 98 61.8 51.4 77.0

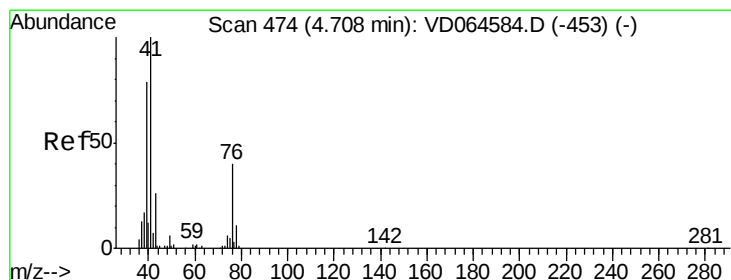
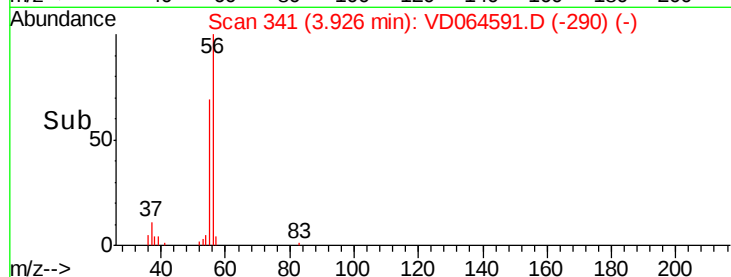
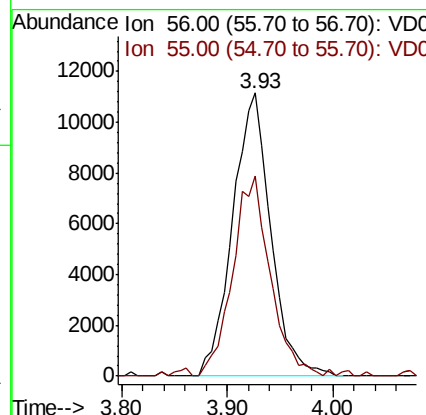
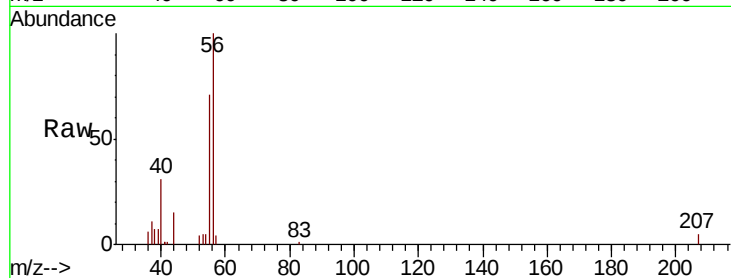




#13  
 Acrolein  
 Concen: 83.924 ug/l  
 RT: 3.93 min Scan# 341  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

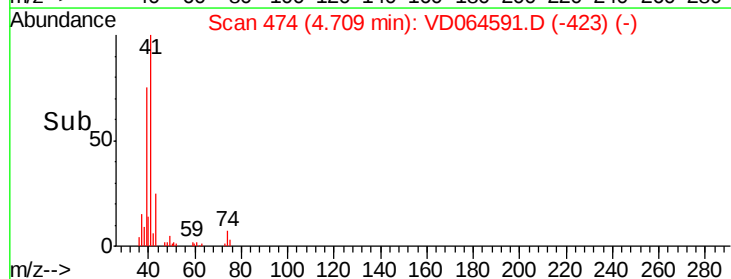
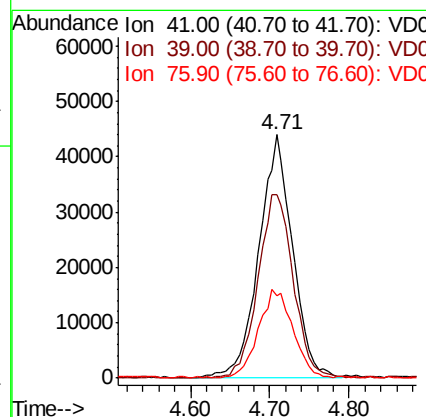
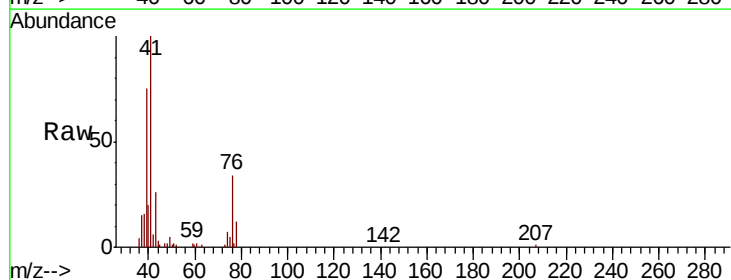
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

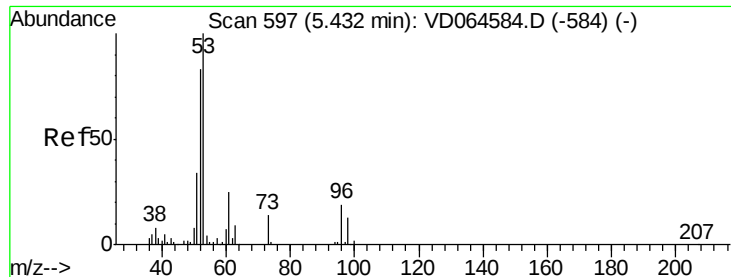
Tot Ion: 56 Resp: 27896  
 Ion Ratio Lower Upper  
 56 100  
 55 69.3 56.7 85.1



#14  
 Allyl chloride  
 Concen: 20.111 ug/l  
 RT: 4.71 min Scan# 474  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Tgt Ion: 41 Resp: 130196  
 Ion Ratio Lower Upper  
 41 100  
 39 79.0 62.3 93.5  
 76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 95.229 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

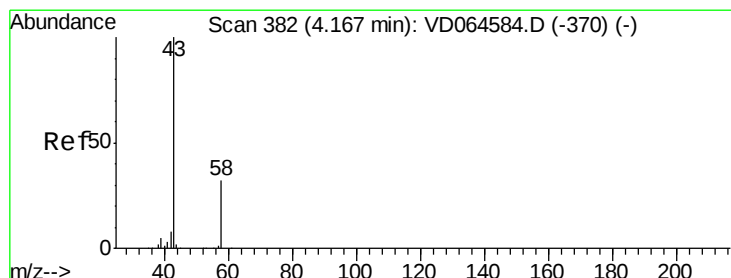
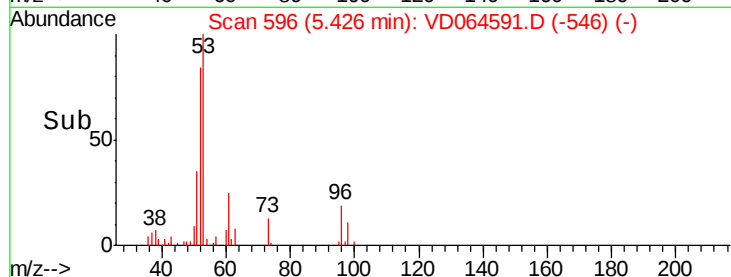
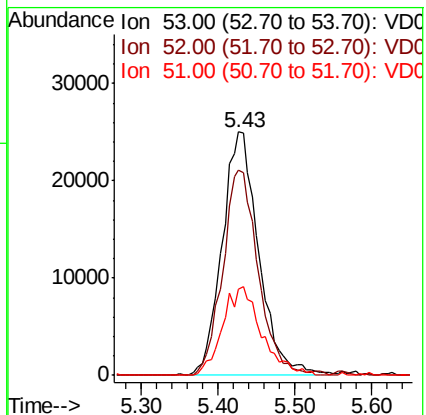
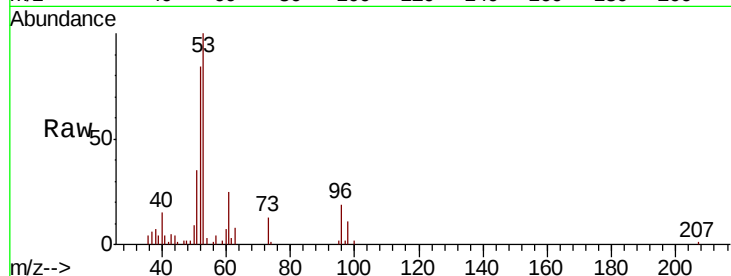
Tot Ion: 53 Resp: 82951

Ion Ratio Lower Upper

53 100

52 81.2 66.2 99.2

51 38.6 30.1 45.1



#16

Acetone

Concen: 87.579 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064591.D

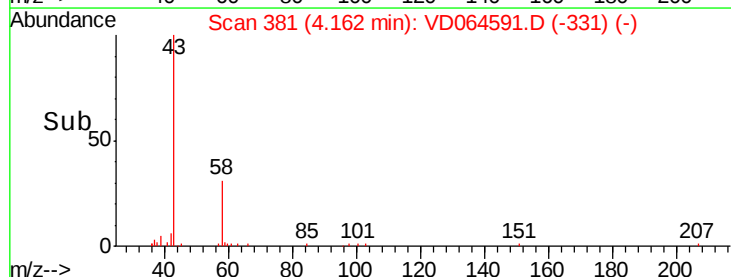
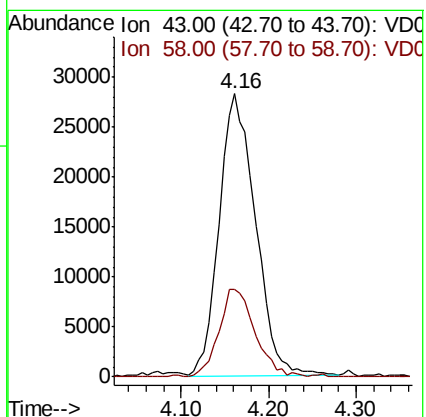
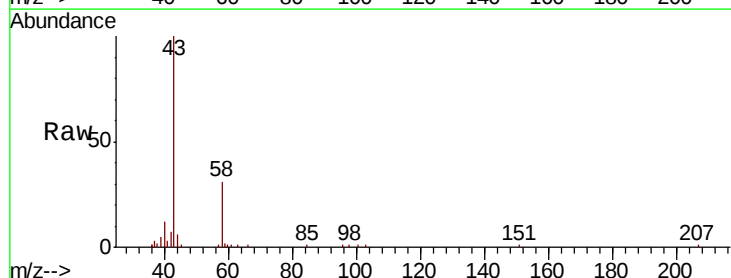
Acq: 26 Dec 2019 11:20

Tgt Ion: 43 Resp: 80243

Ion Ratio Lower Upper

43 100

58 31.1 25.8 38.6

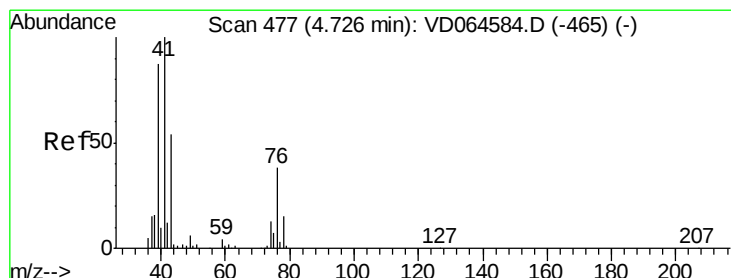
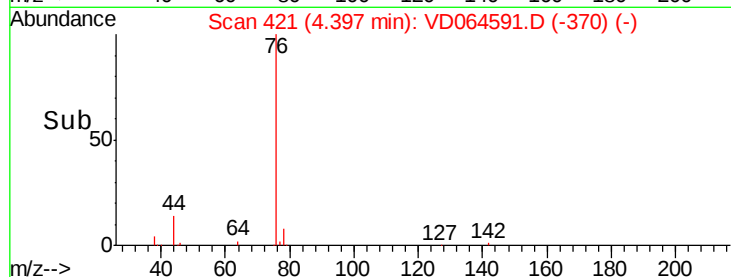
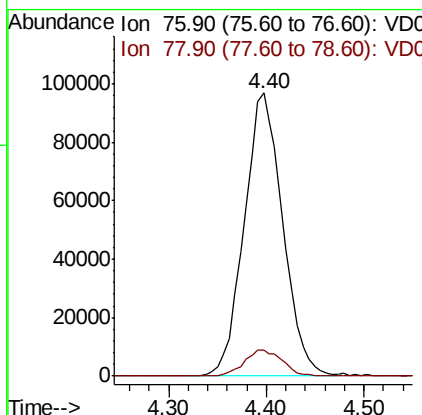
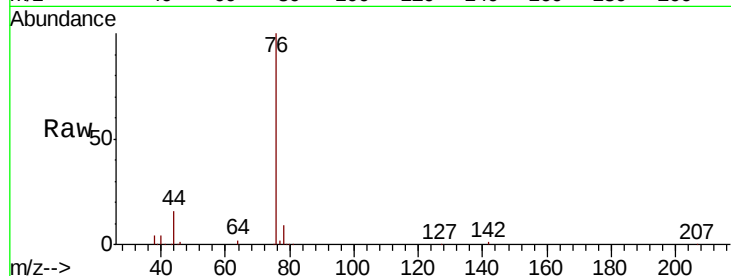




#17  
Carbon Disulfide  
Concen: 19.920 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

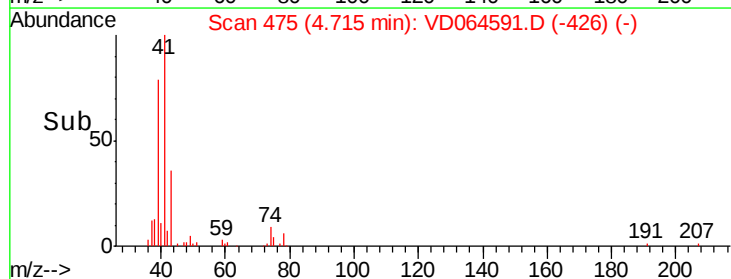
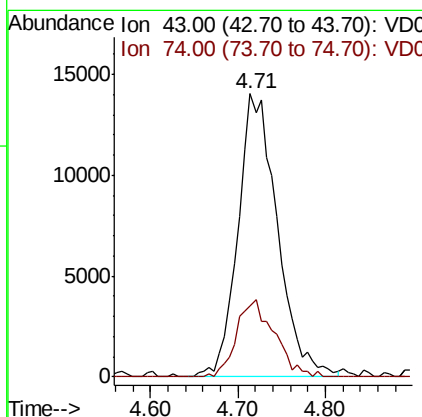
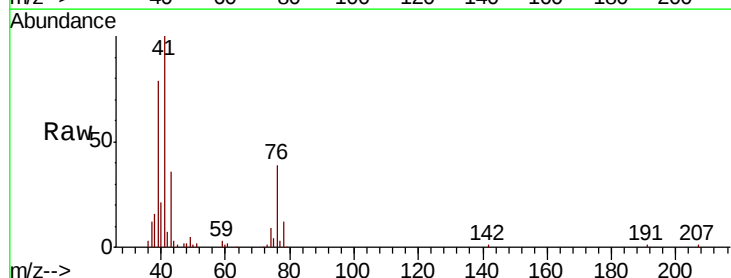
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

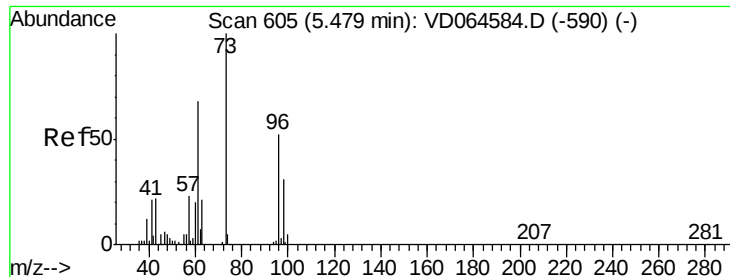
Tot Ion: 76 Resp: 267448  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 18.363 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. -0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 43 Resp: 43024  
Ion Ratio Lower Upper  
43 100  
74 26.1 19.2 28.8

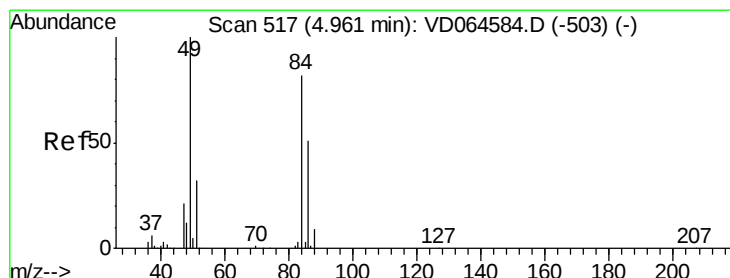
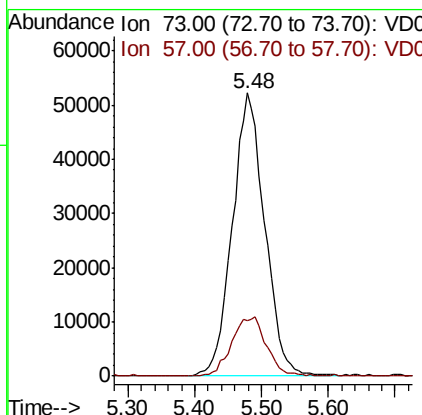
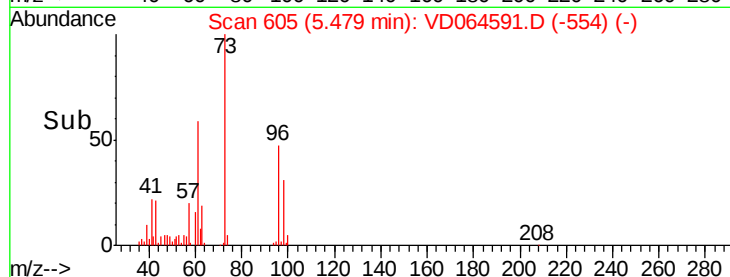
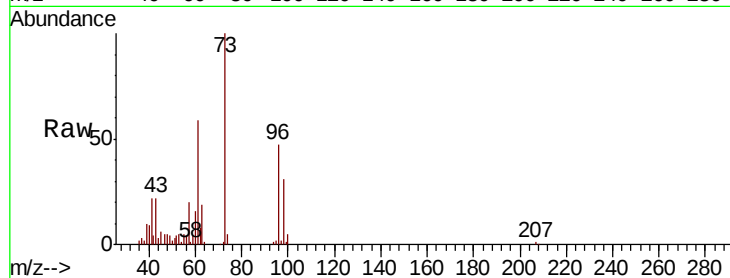




#19  
Methyl tert-butyl Ether  
Concen: 19.043 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

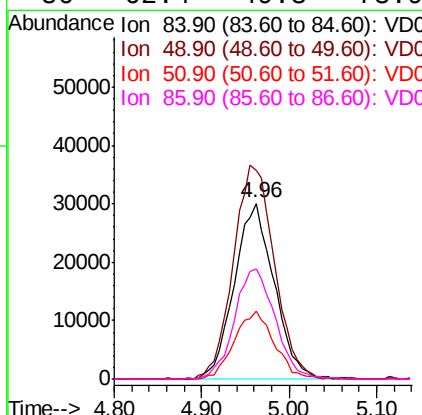
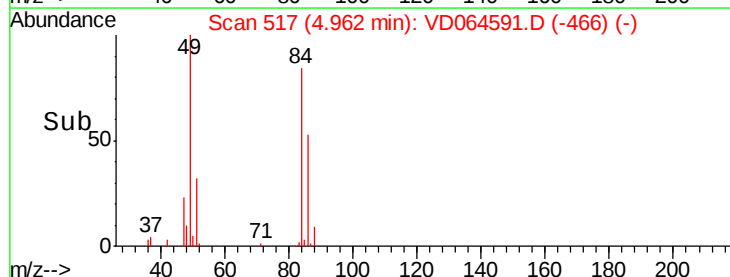
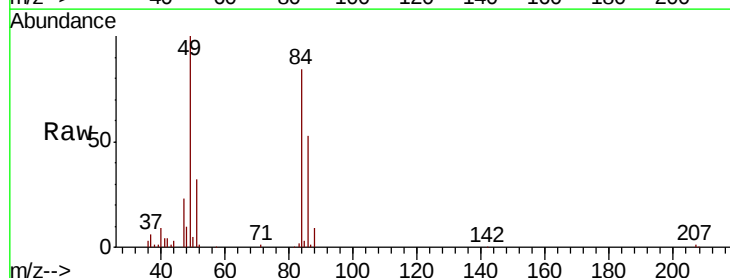
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

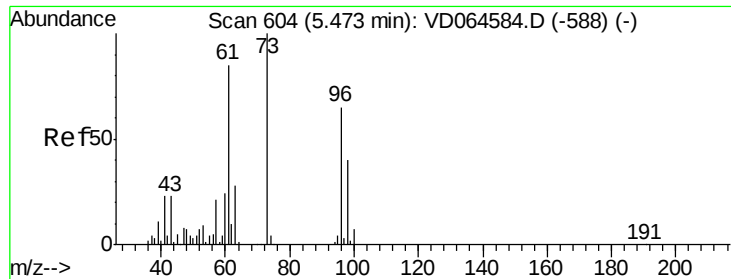
Tot Ion: 73 Resp: 175629  
Ion Ratio Lower Upper  
73 100  
57 19.5 18.6 27.8



#20  
Methylene Chloride  
Concen: 18.774 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 84 Resp: 92896  
Ion Ratio Lower Upper  
84 100  
49 119.0 97.2 145.8  
51 38.6 31.4 47.0  
86 62.4 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 19.585 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

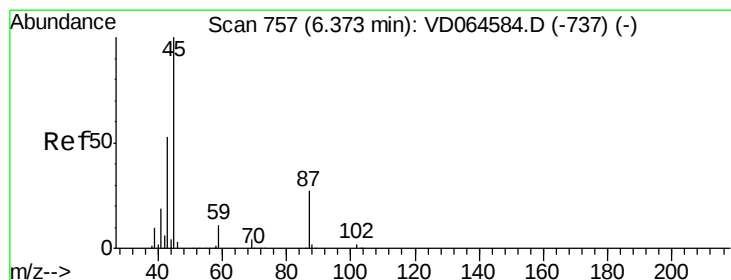
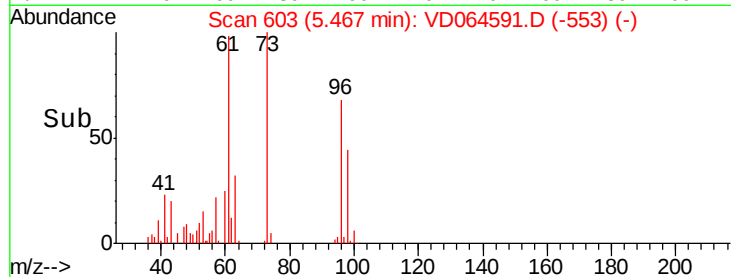
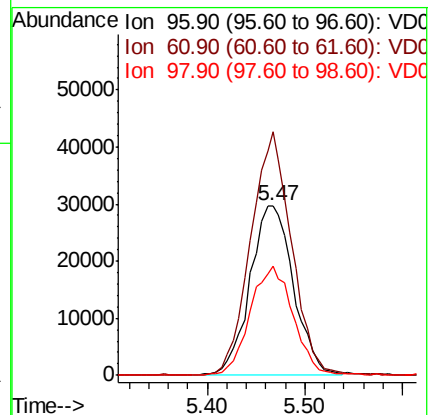
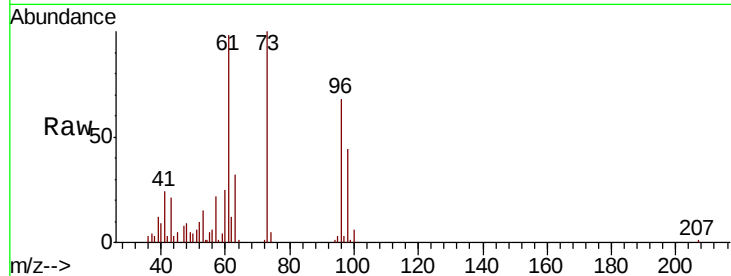
Tot Ion: 96 Resp: 92612

Ion Ratio Lower Upper

96 100

61 143.6 104.7 157.1

98 64.4 49.4 74.2



#22

Diisopropyl ether

Concen: 19.290 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Tgt Ion: 45 Resp: 249083

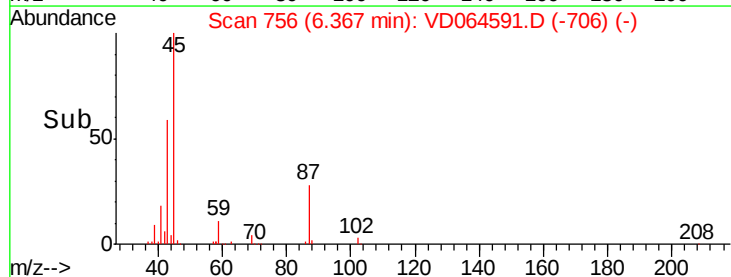
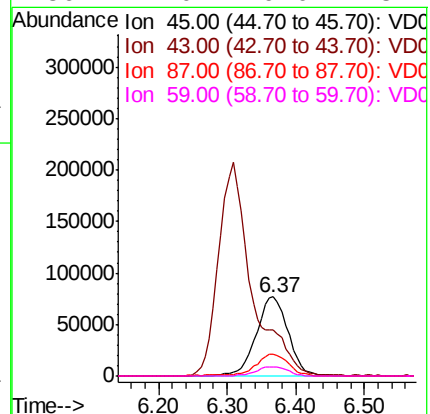
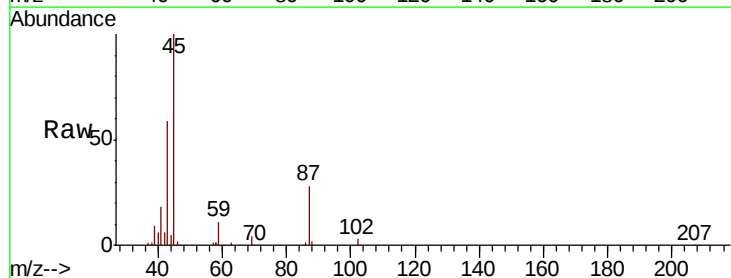
Ion Ratio Lower Upper

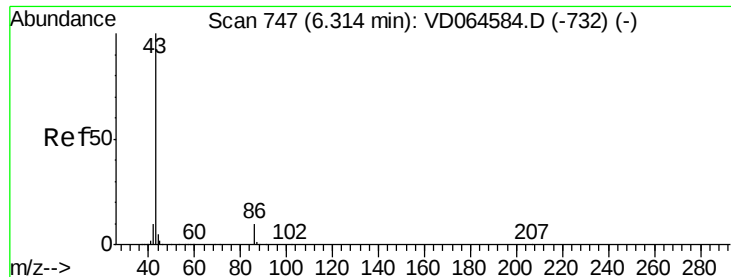
45 100

43 57.8 43.2 64.8

87 27.2 21.9 32.9

59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 96.199 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

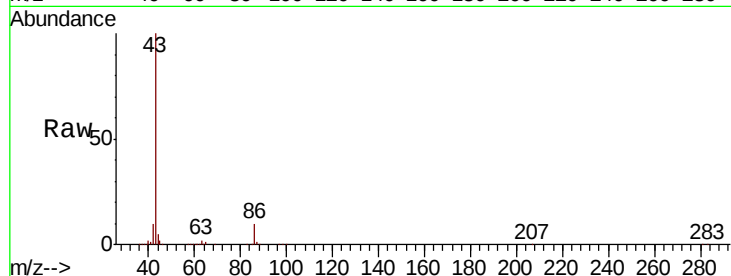
VD1226SBS01

Tot Ion: 43 Resp: 704637

Ion Ratio Lower Upper

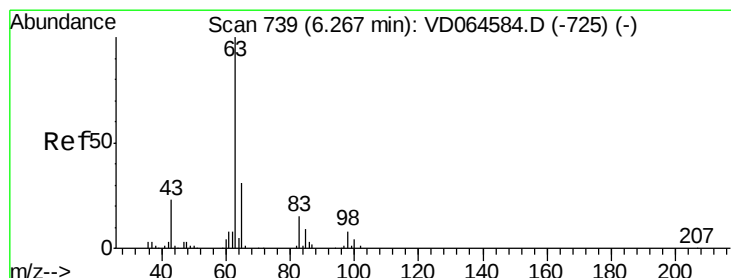
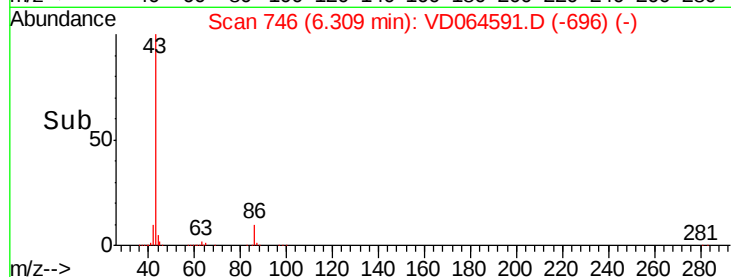
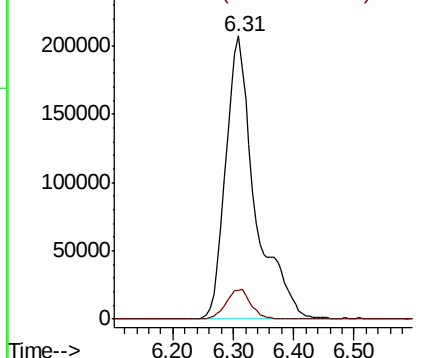
43 100

86 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.391 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

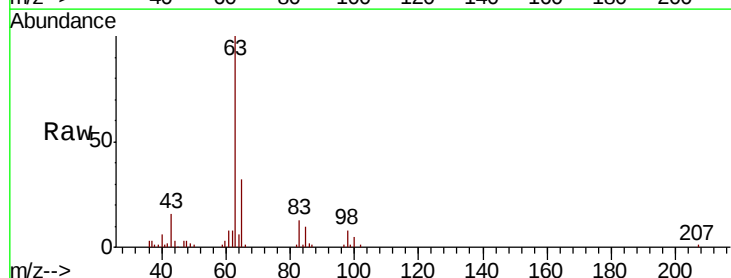
Tgt Ion: 63 Resp: 158066

Ion Ratio Lower Upper

63 100

98 7.6 4.1 12.3

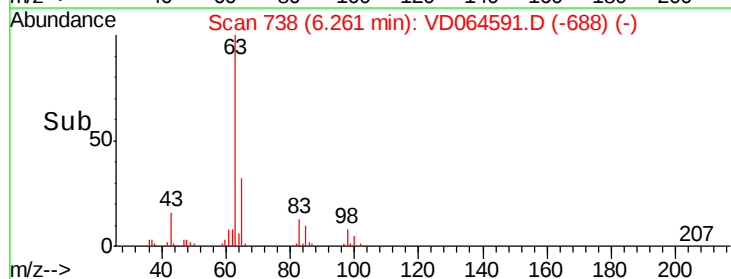
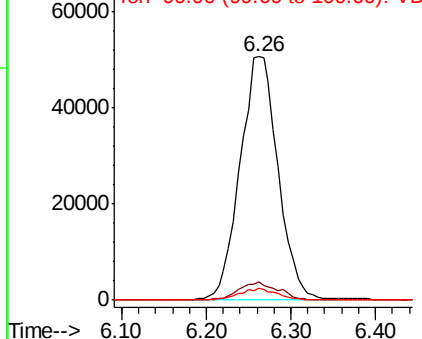
100 4.8 2.2 6.6

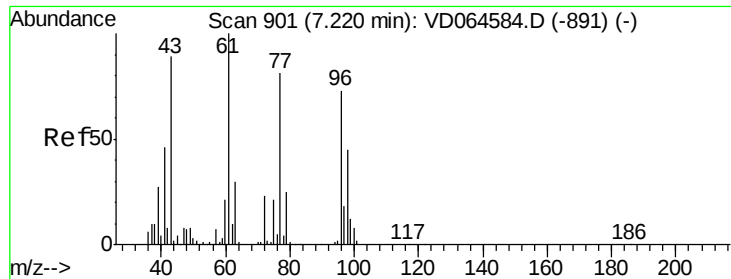


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 94.789 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

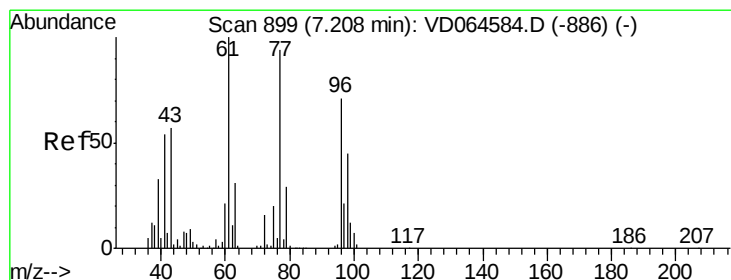
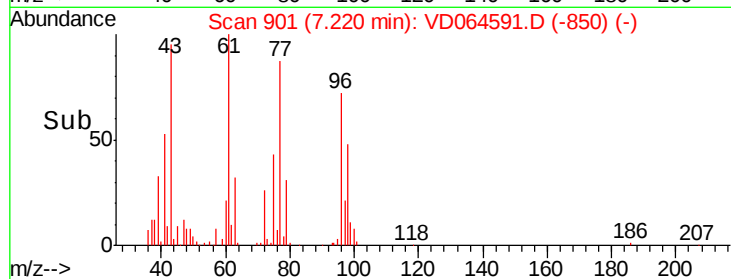
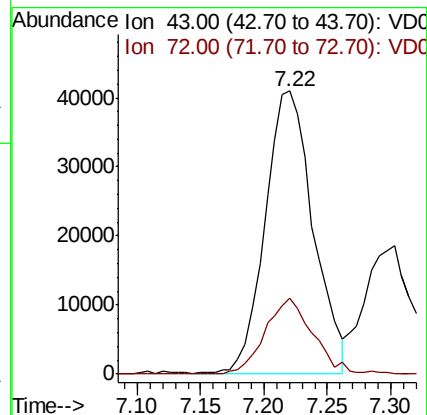
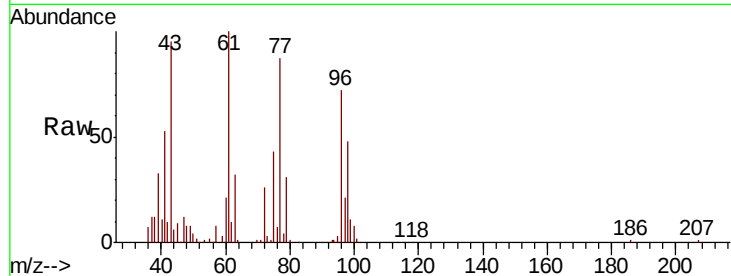
VD1226SBS01

Tot Ion: 43 Resp: 108433

Ion Ratio Lower Upper

43 100

72 27.0 20.7 31.1



#26

2,2-Dichloropropane

Concen: 19.770 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064591.D

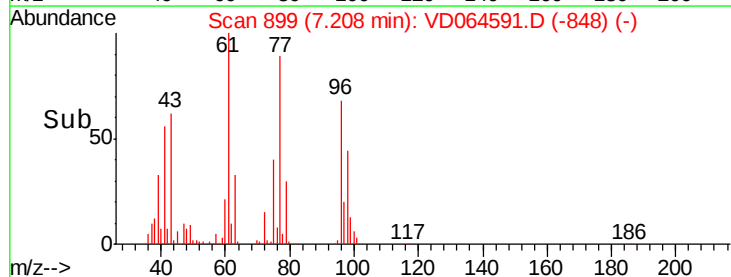
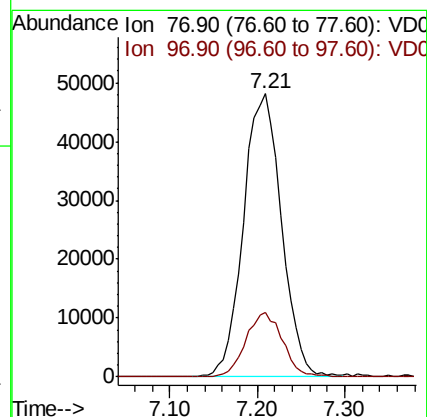
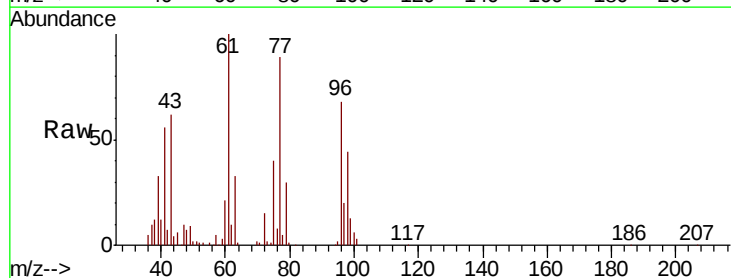
Acq: 26 Dec 2019 11:20

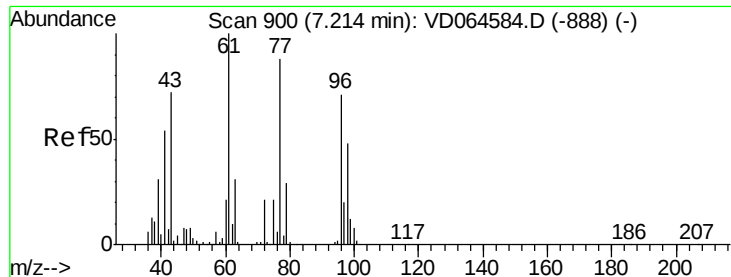
Tgt Ion: 77 Resp: 142485

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6

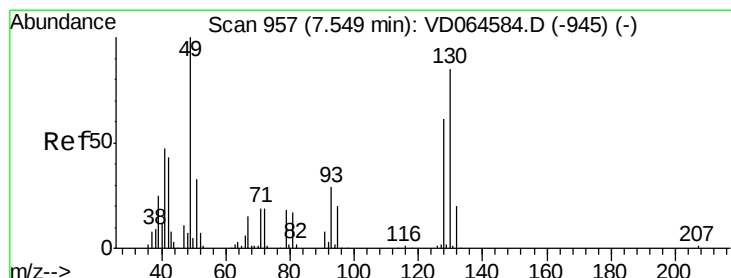
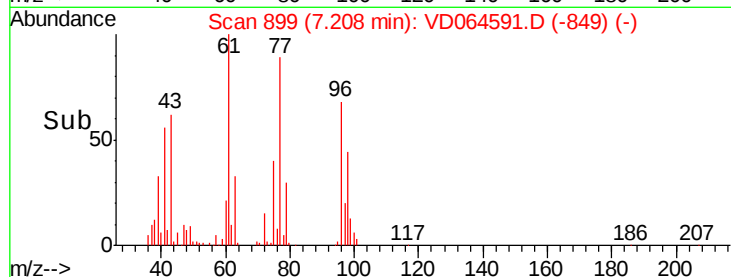
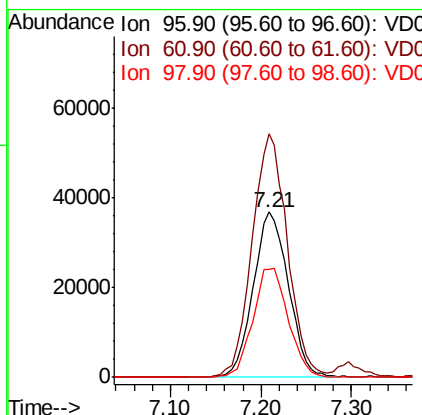
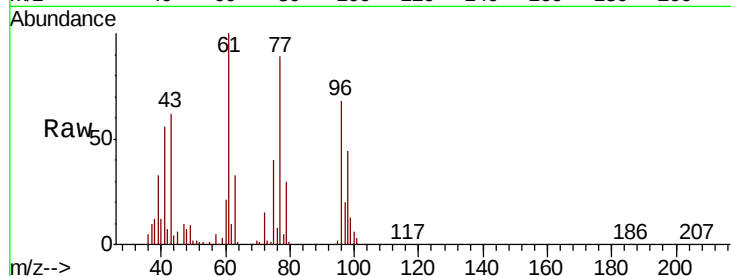




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.417 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

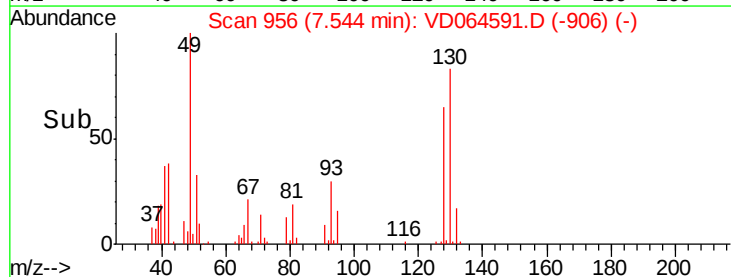
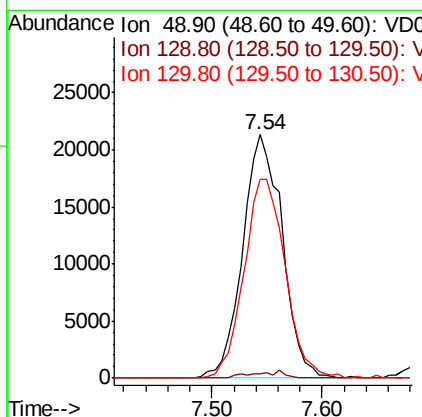
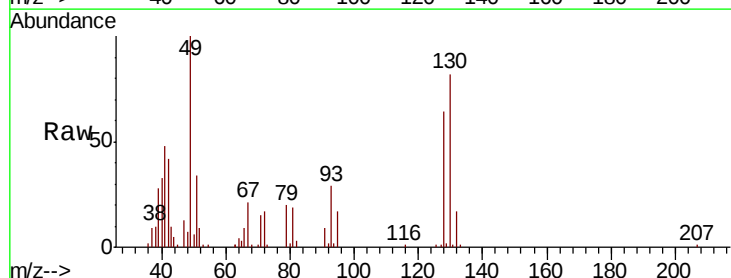
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

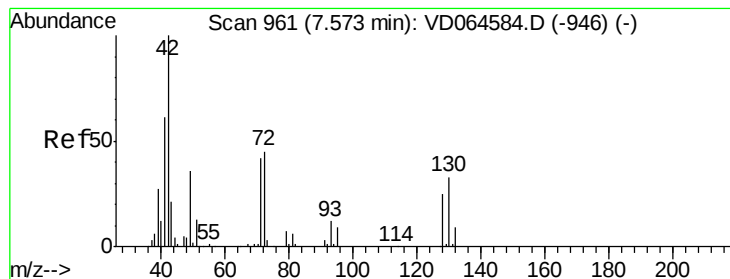
Tot Ion: 96 Resp: 99091  
 Ion Ratio Lower Upper  
 96 100  
 61 147.8 0.0 282.6  
 98 66.3 0.0 130.8



#28  
 Bromochloromethane  
 Concen: 17.788 ug/l  
 RT: 7.54 min Scan# 956  
 Delta R.T. -0.01 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Tgt Ion: 49 Resp: 53602  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.8  
 130 85.0 65.0 97.6





#29

Tetrahydrofuran

Concen: 93.181 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

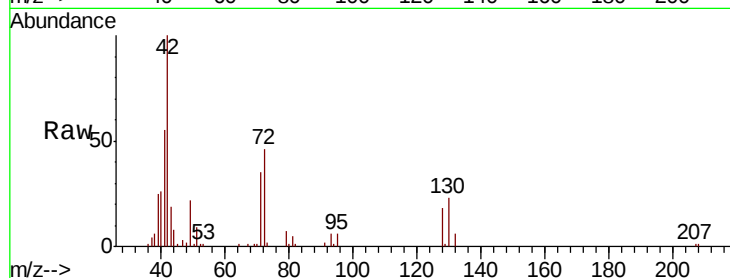
Tot Ion: 42 Resp: 66288

Ion Ratio Lower Upper

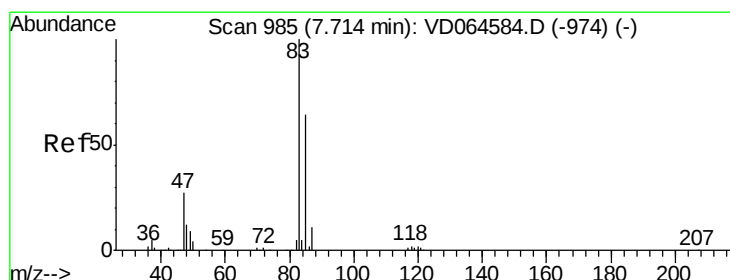
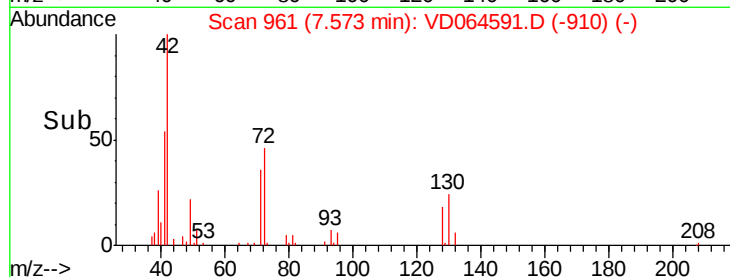
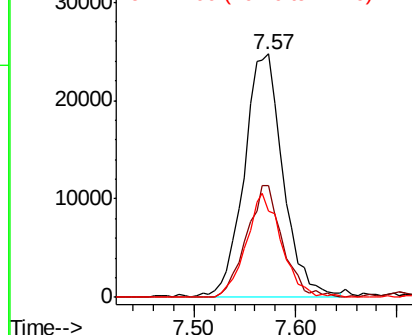
42 100

72 42.3 35.0 52.4

71 38.7 32.9 49.3



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: 19.894 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064591.D

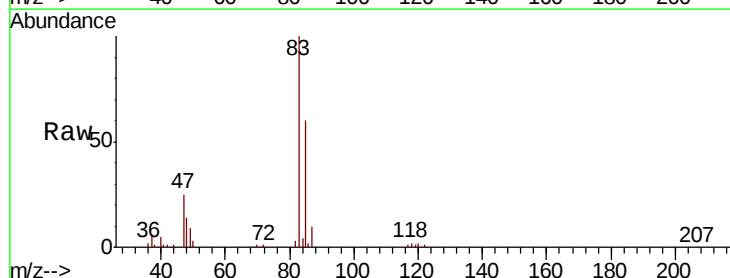
Acq: 26 Dec 2019 11:20

Tgt Ion: 83 Resp: 161794

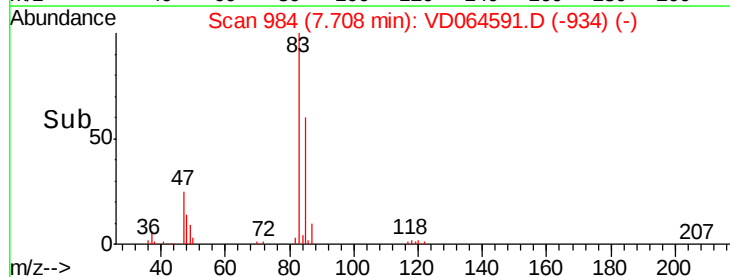
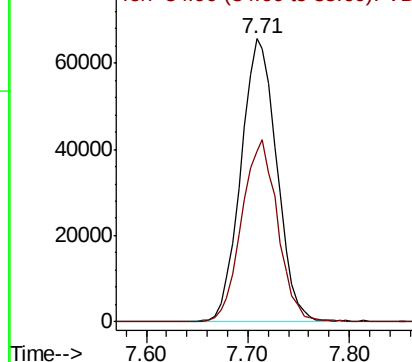
Ion Ratio Lower Upper

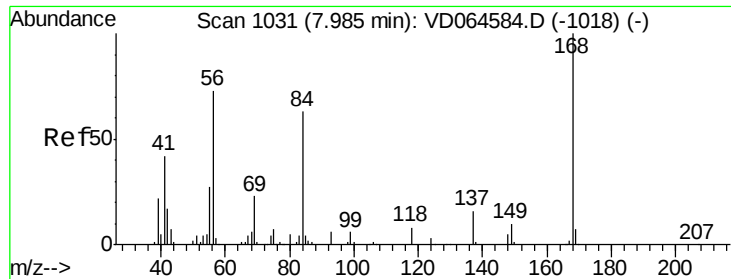
83 100

85 60.3 51.1 76.7



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





#31

Cyclohexane

Concen: 19.401 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

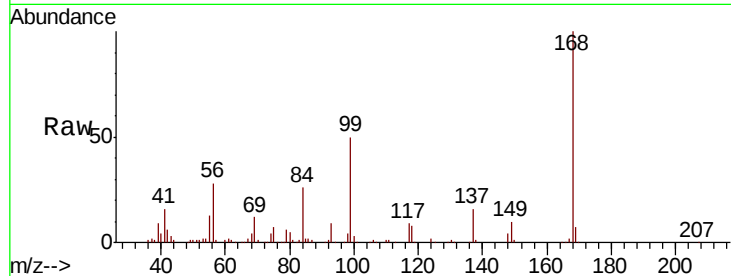
Tot Ion: 56 Resp: 150547

Ion Ratio Lower Upper

56 100

69 42.3 24.7 37.1#

84 91.2 69.4 104.2

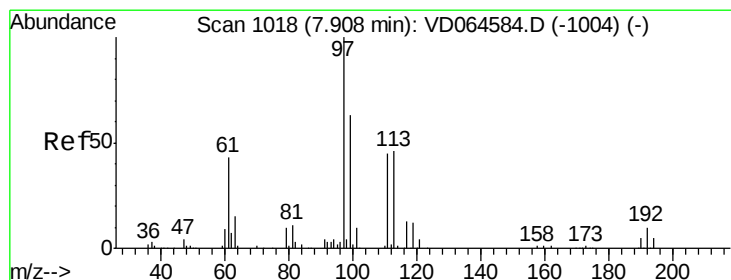
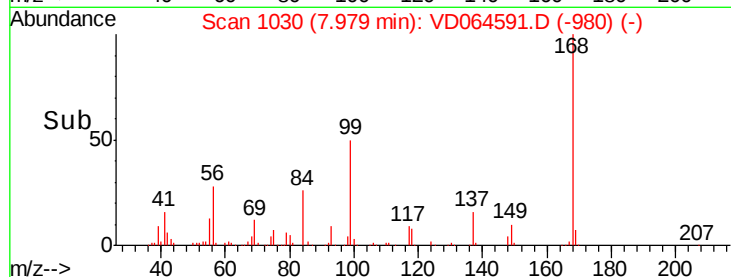
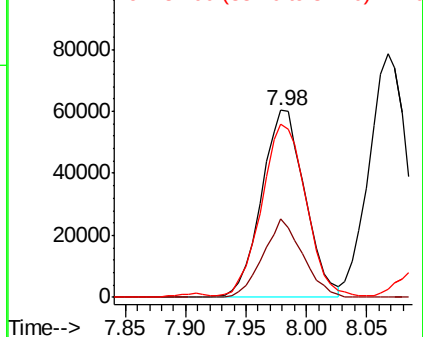


Abundance

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: 19.569 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

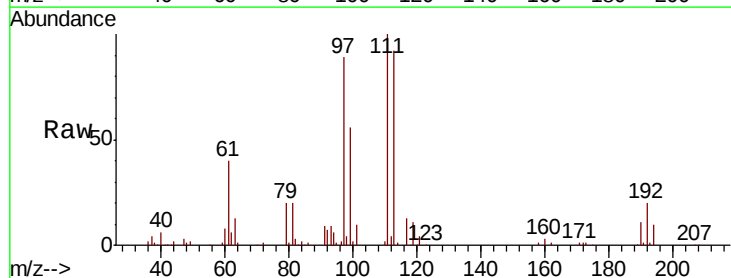
Tgt Ion: 97 Resp: 149488

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 44.8 35.4 53.0

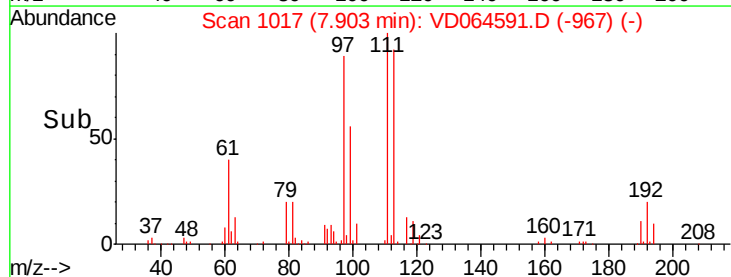
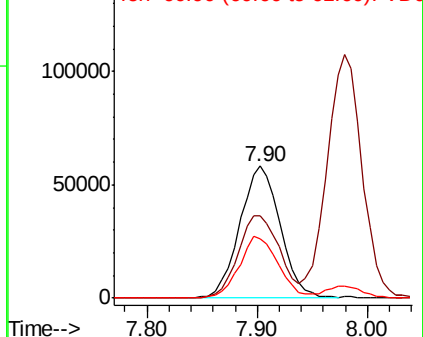


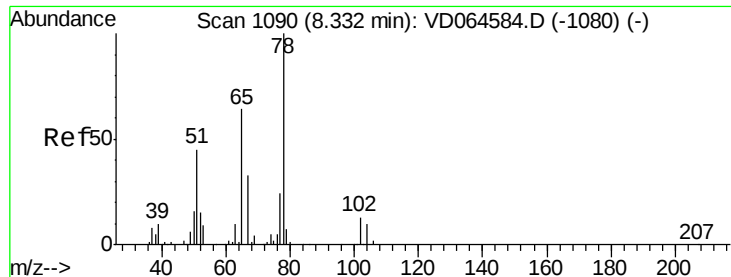
Abundance

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: 51.177 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

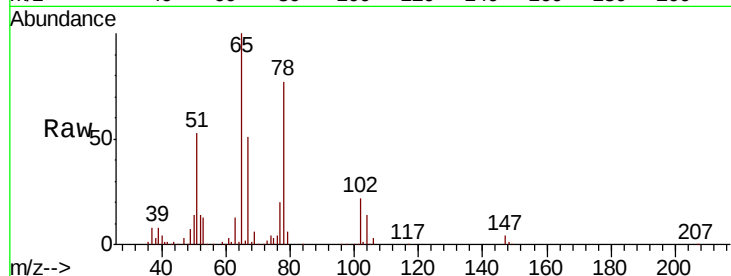
VD1226SBS01

Tot Ion: 65 Resp: 212982

Ion Ratio Lower Upper

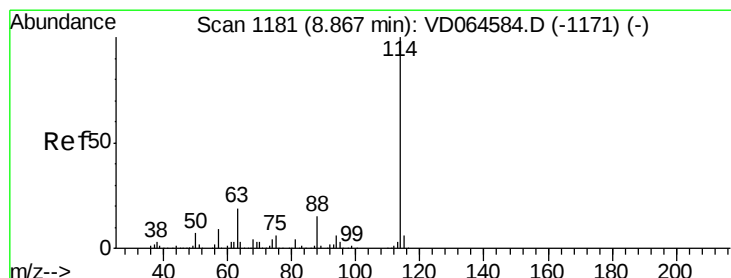
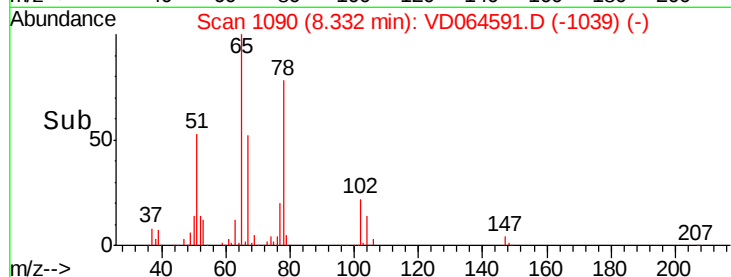
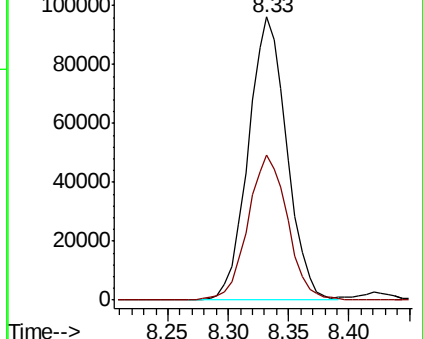
65 100

67 52.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

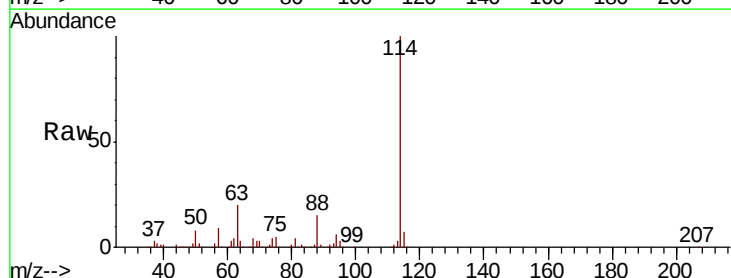
Tgt Ion: 114 Resp: 668661

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

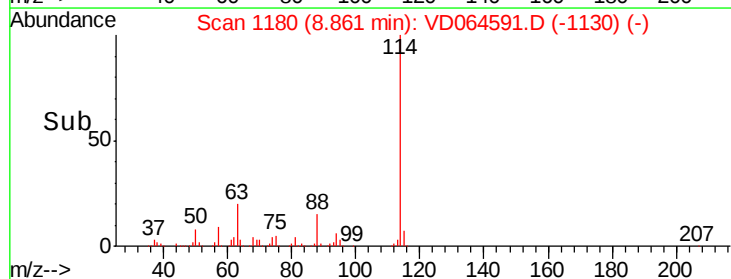
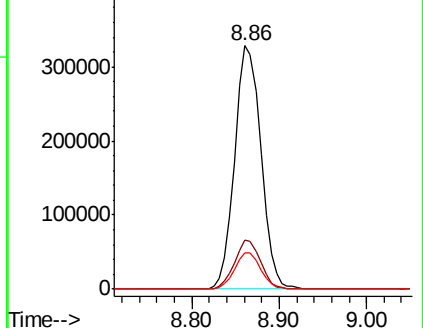
88 15.0 0.0 29.2

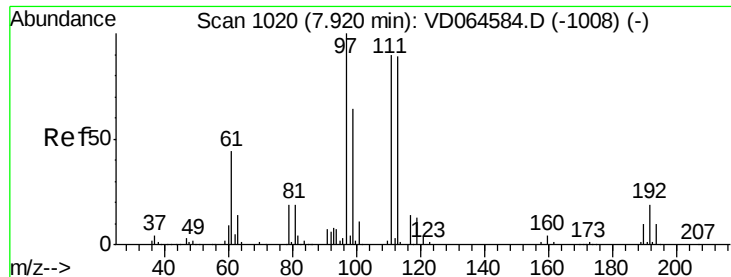


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

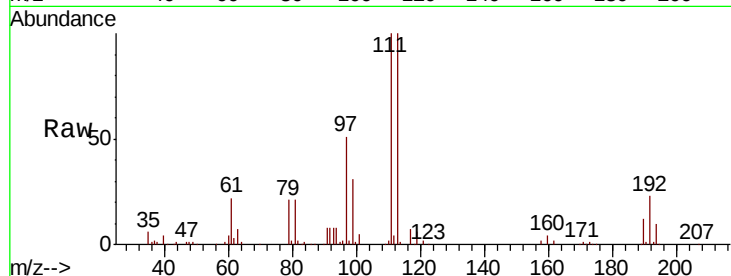




#35  
 Dibromofluoromethane  
 Concen: 52.551 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.2 | 80.6  | 121.0 |
| 192     | 22.1  | 17.9  | 26.9  |

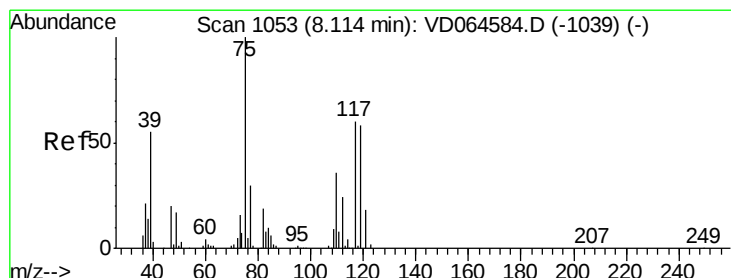
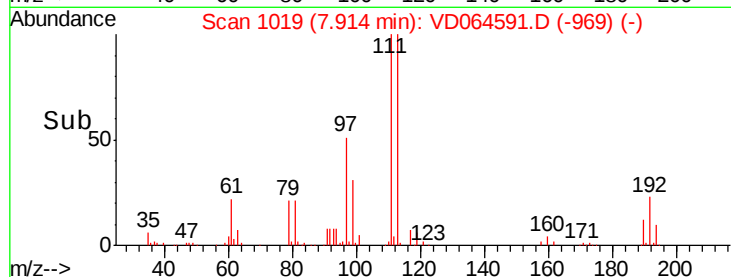
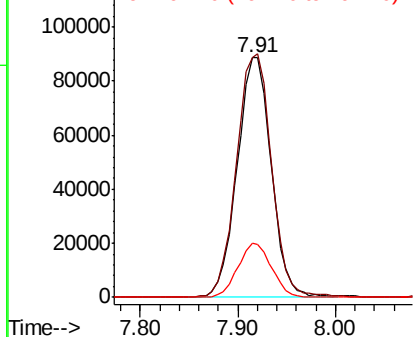


Abundance

Ion 112.80 (112.50 to 113.50): V

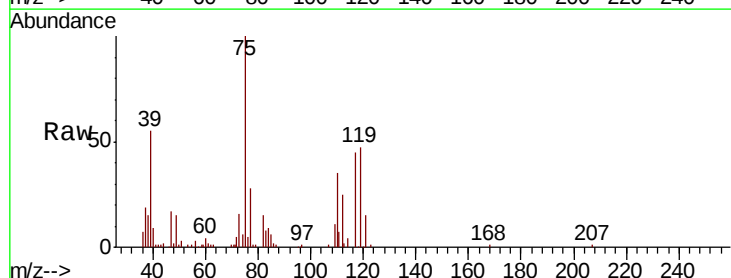
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 20.388 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 18.1  | 54.1  |
| 77      | 30.4  | 24.2  | 36.4  |

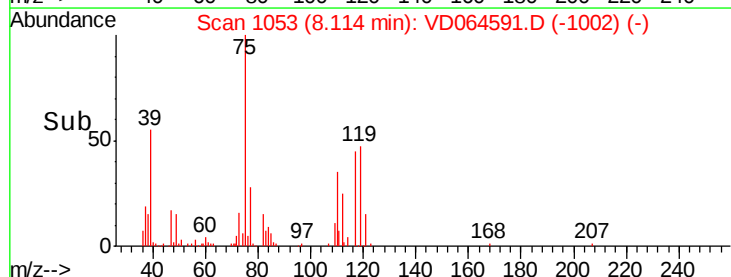
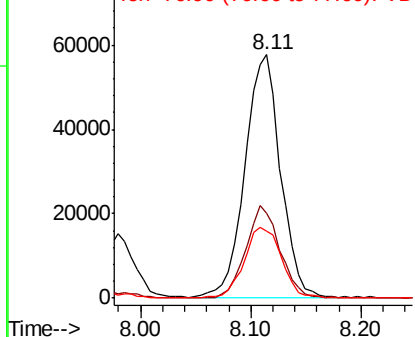


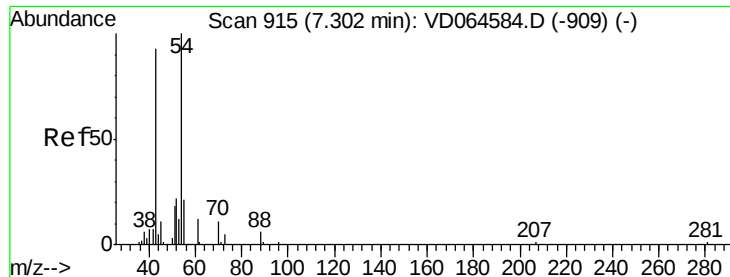
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

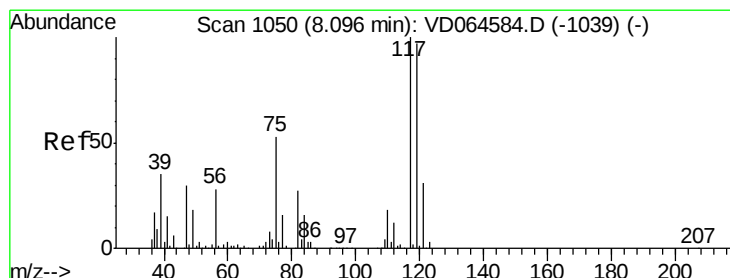
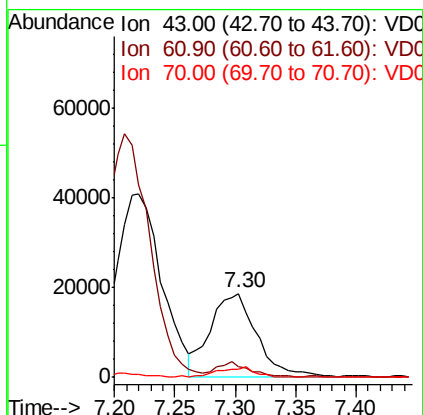
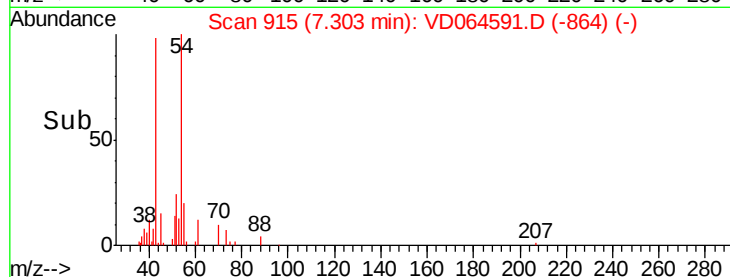
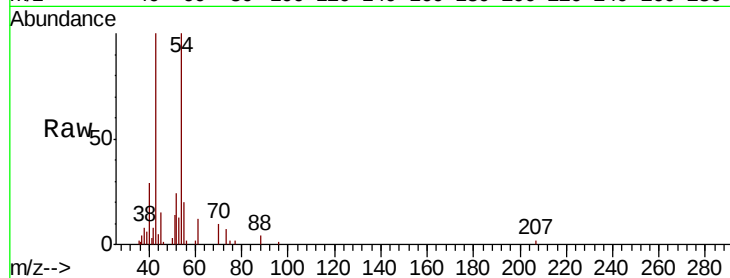




#37  
Ethyl Acetate  
Concen: 19.479 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

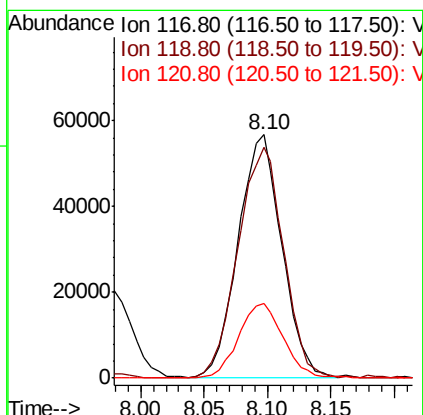
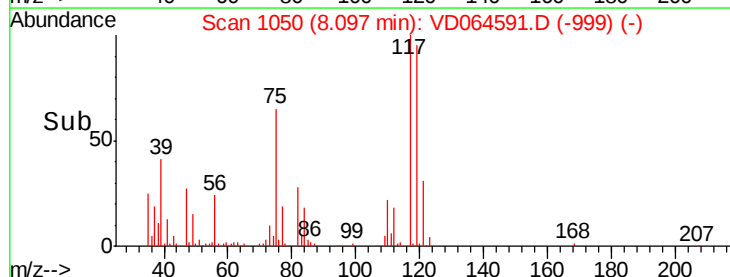
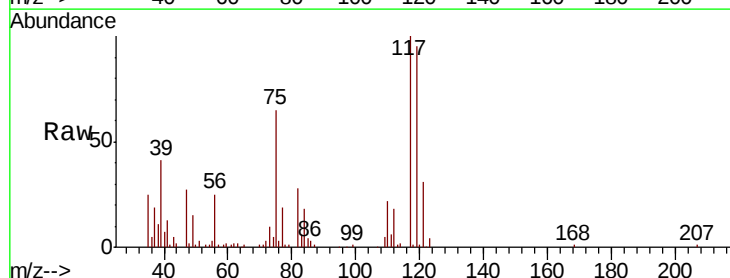
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

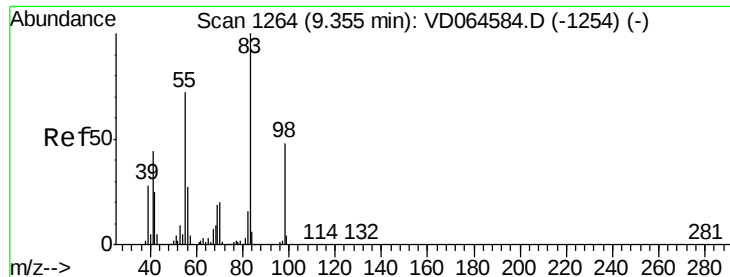
Tot Ion: 43 Resp: 49248  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.3 15.5  
70 9.9 7.6 11.4



#38  
Carbon Tetrachloride  
Concen: 19.732 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 117 Resp: 135413  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.3 115.9  
121 30.8 25.0 37.6

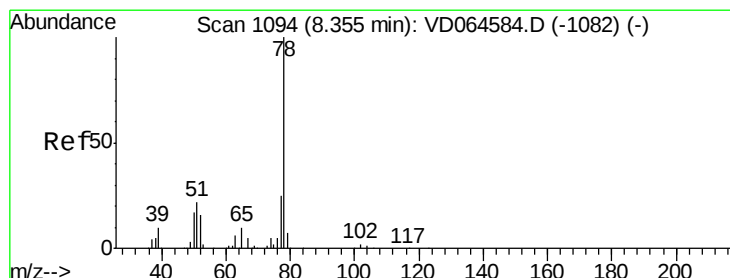
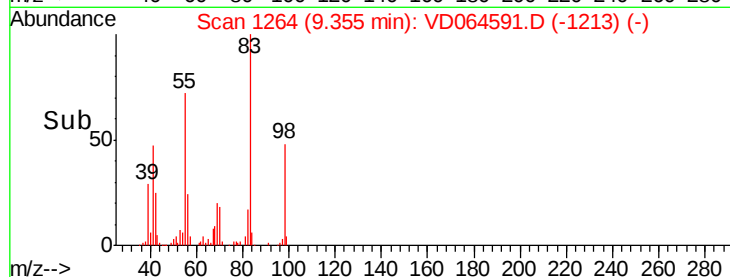
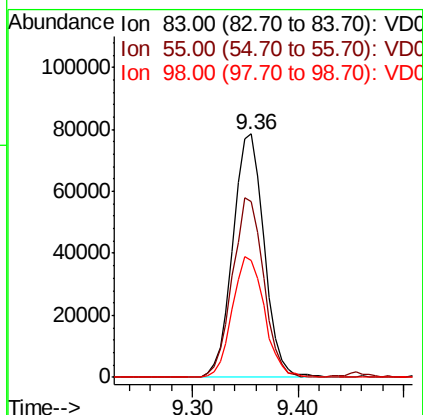
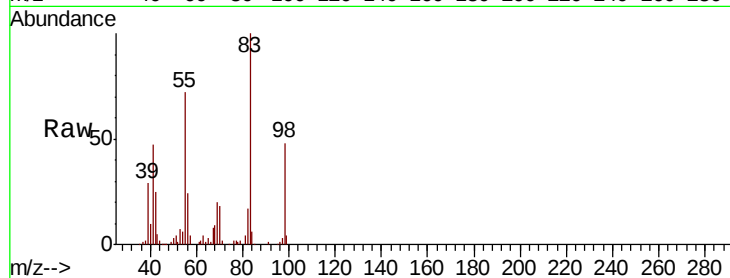




#39  
Methvlcvclohexane  
Concen: 20.642 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

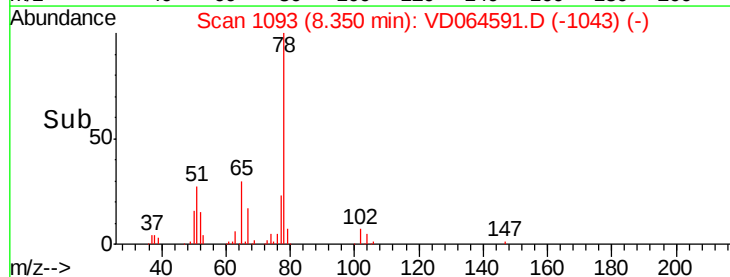
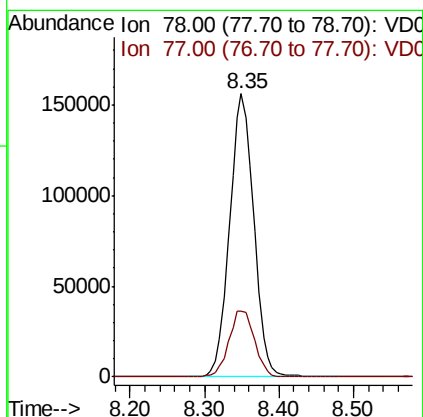
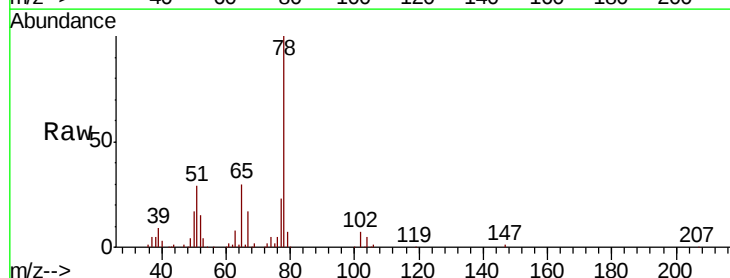
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

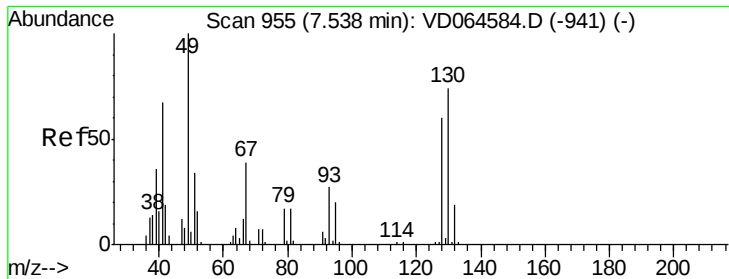
Tot Ion: 83 Resp: 160904  
Ion Ratio Lower Upper  
83 100  
55 72.3 57.8 86.6  
98 47.9 38.7 58.1



#40  
Benzene  
Concen: 20.070 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 78 Resp: 352609  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.9 29.9





#41

Methacrylonitrile

Concen: 20.307 ug/l

RT: 7.54 min Scan# 955

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

Tot Ion: 41 Resp: 29789

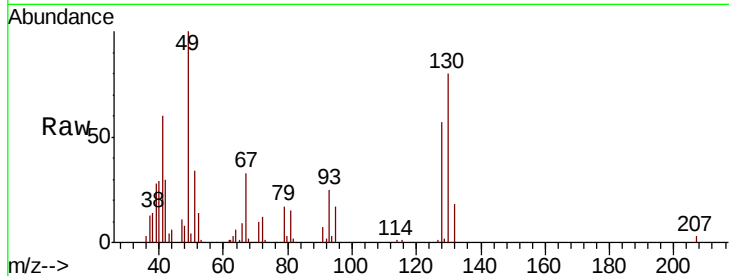
Ion Ratio Lower Upper

41 100

39 46.7 46.7 70.1#

67 66.0 52.5 78.7

52 31.4 24.1 36.1



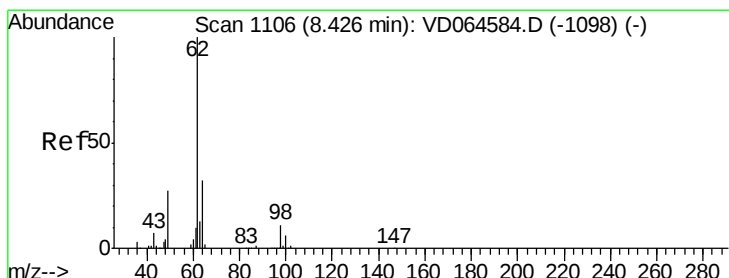
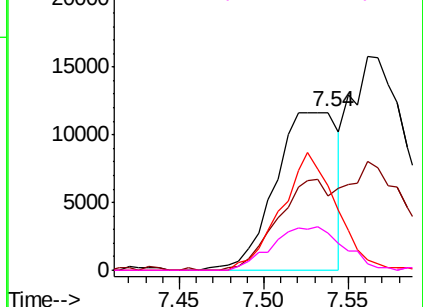
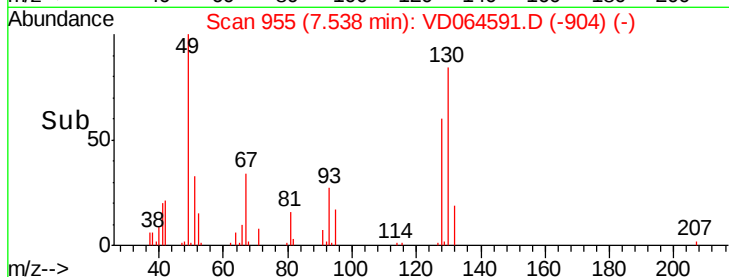
Abundance

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.172 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD064591.D

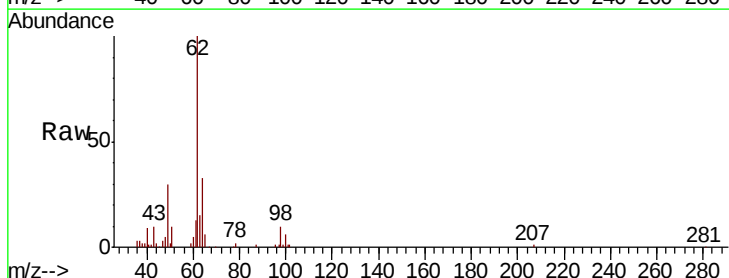
Acq: 26 Dec 2019 11:20

Tgt Ion: 62 Resp: 102413

Ion Ratio Lower Upper

62 100

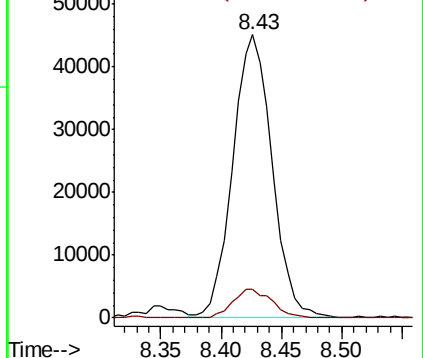
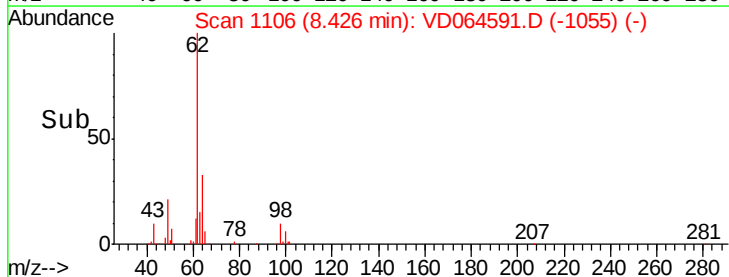
98 9.9 0.0 20.0

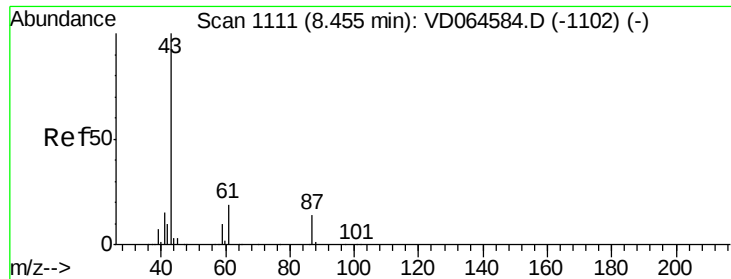


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

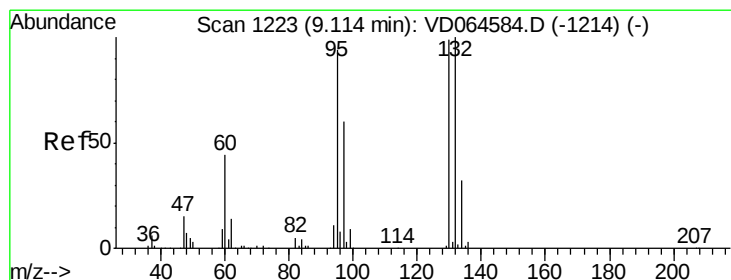
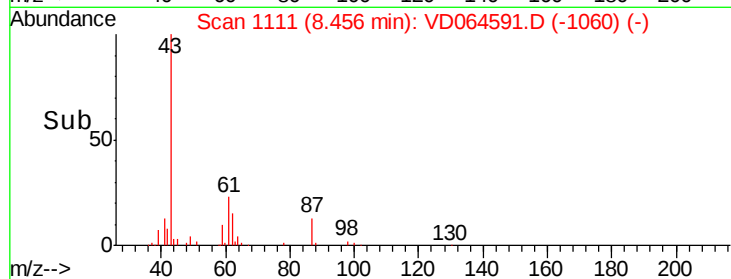
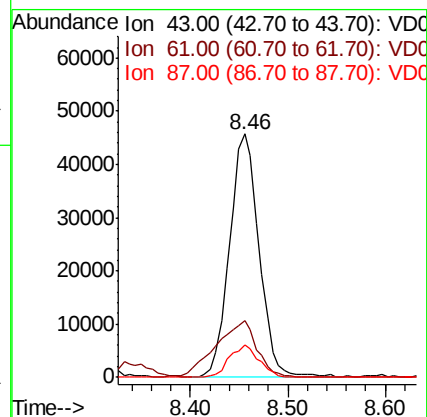
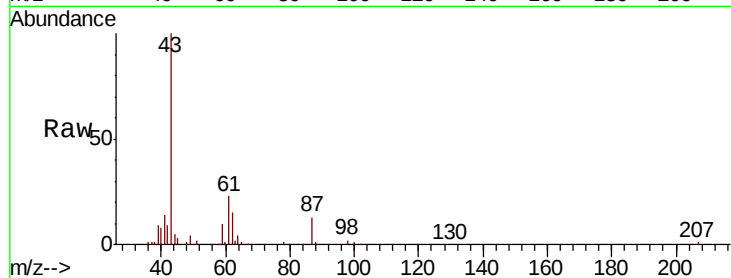




#43  
Isopropyl Acetate  
Concen: 19.135 ug/l  
RT: 8.46 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

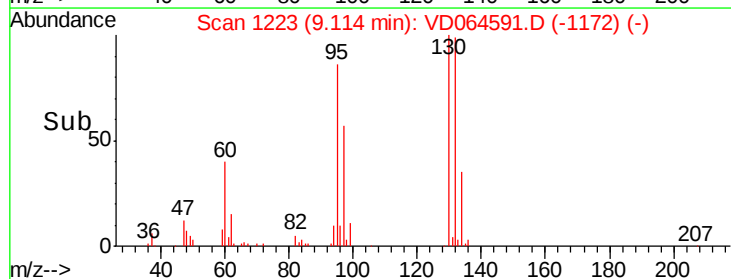
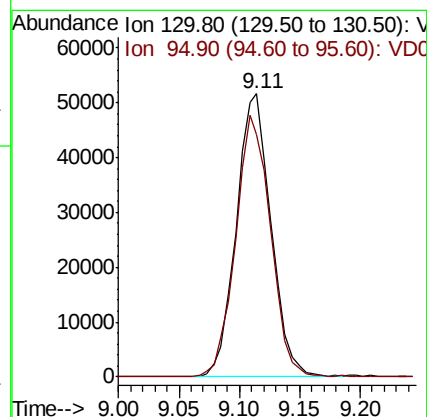
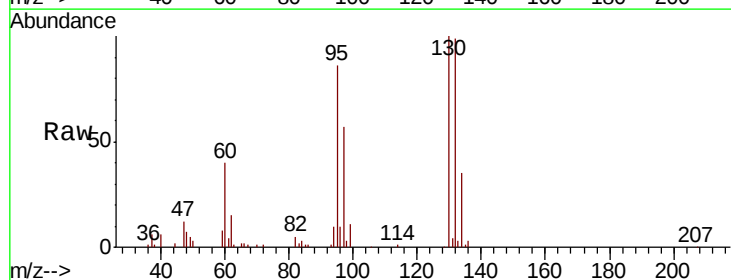
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

Tot Ion: 43 Resp: 96298  
Ion Ratio Lower Upper  
43 100  
61 32.3 23.7 35.5  
87 13.2 10.5 15.7



#44  
Trichloroethene  
Concen: 20.017 ug/l  
RT: 9.11 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 130 Resp: 103315  
Ion Ratio Lower Upper  
130 100  
95 85.6 0.0 190.2





#45

1,2-Dichloropropane

Concen: 19.888 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

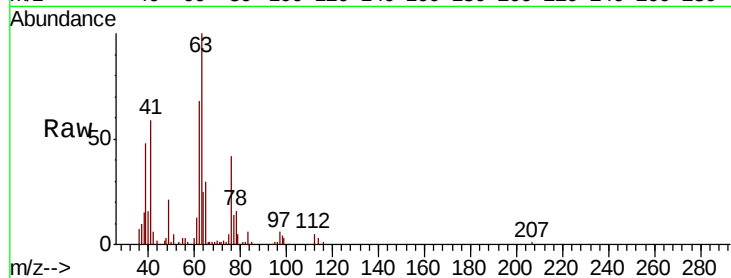
VD1226SBS01

Tot Ion: 63 Resp: 83428

Ion Ratio Lower Upper

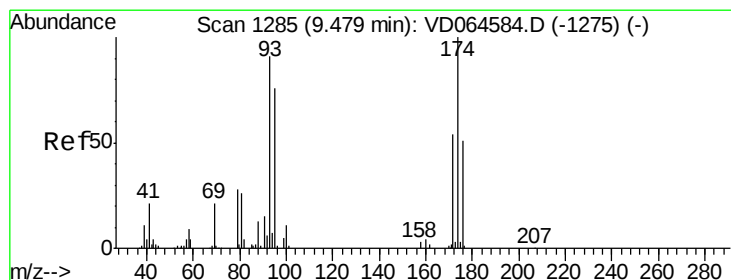
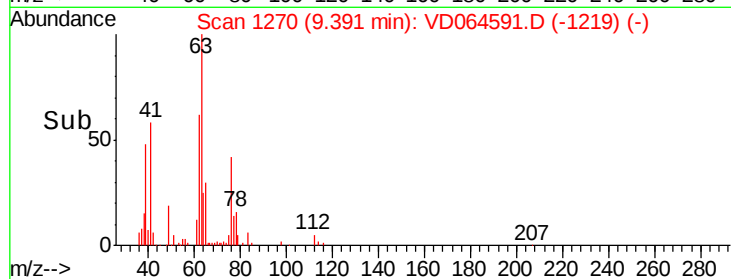
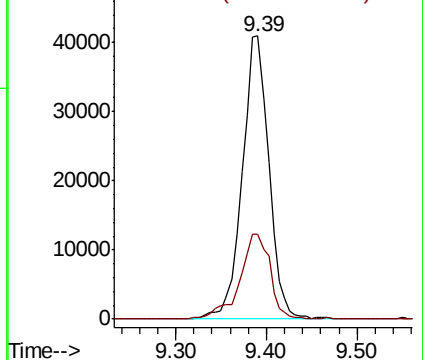
63 100

65 29.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.139 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

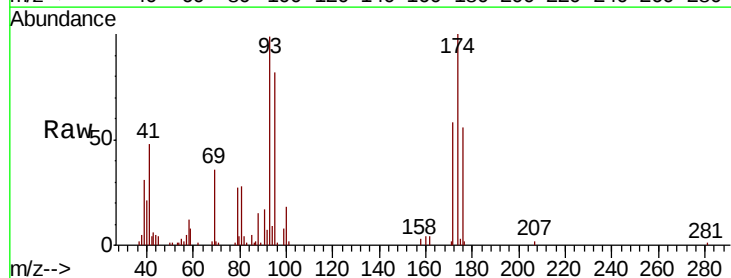
Tgt Ion: 93 Resp: 47100

Ion Ratio Lower Upper

93 100

95 82.7 64.6 97.0

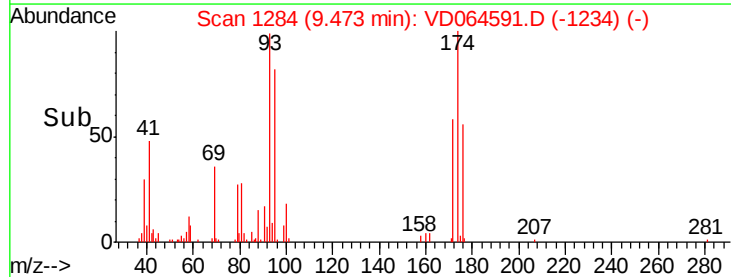
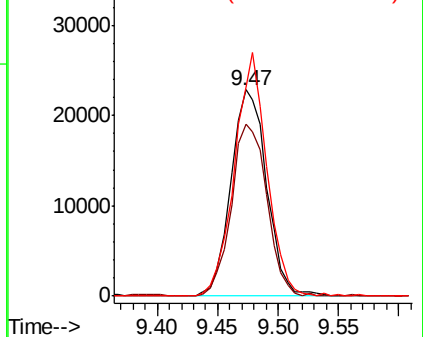
174 106.5 88.1 132.1

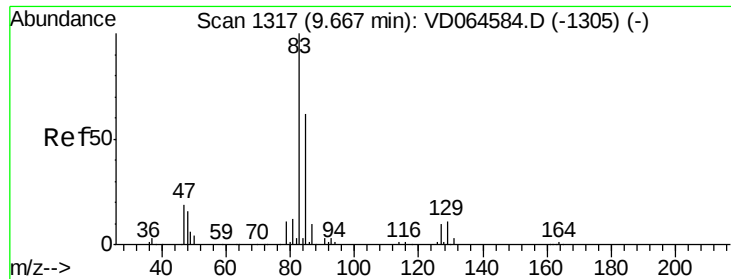


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.691 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

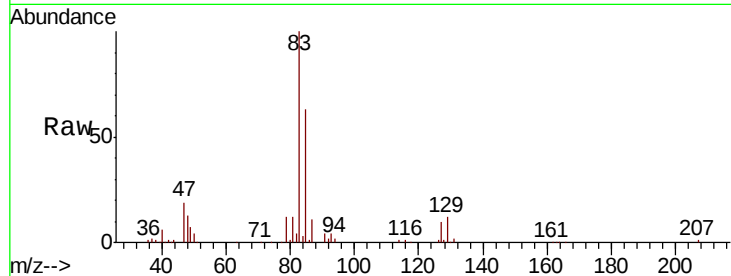
Tot Ion: 83 Resp: 122543

Ion Ratio Lower Upper

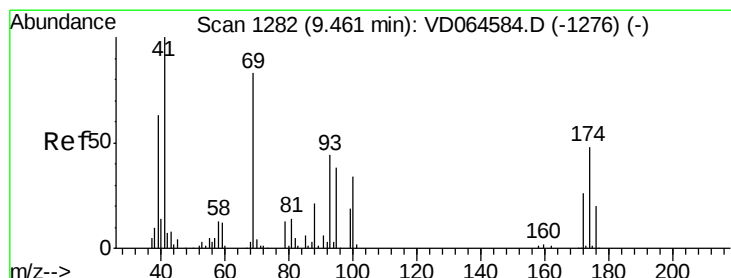
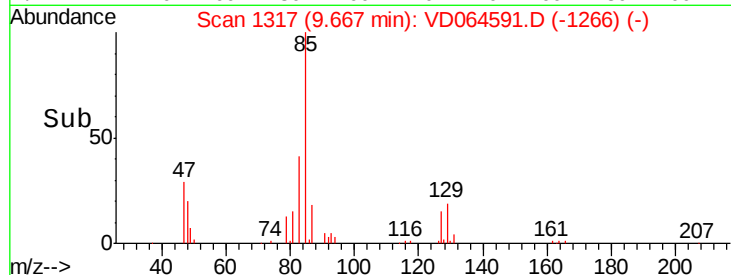
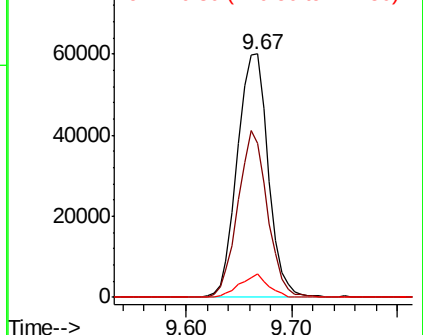
83 100

85 63.3 49.5 74.3

127 9.6 7.8 11.6



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: 18.185 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

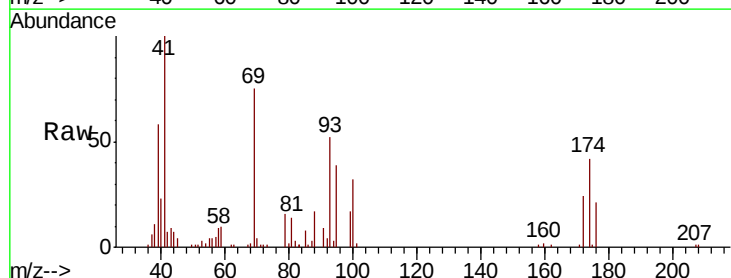
Tgt Ion: 41 Resp: 43090

Ion Ratio Lower Upper

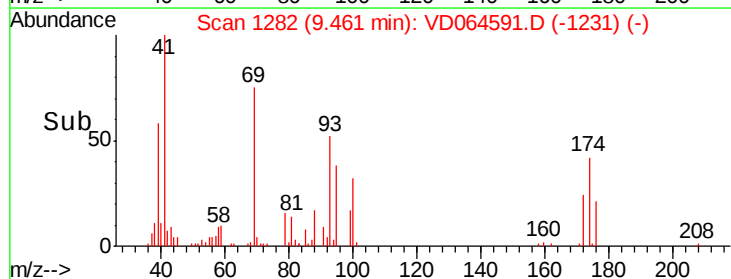
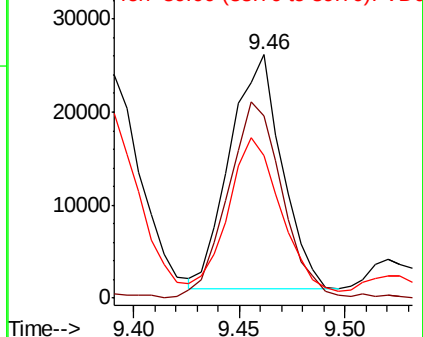
41 100

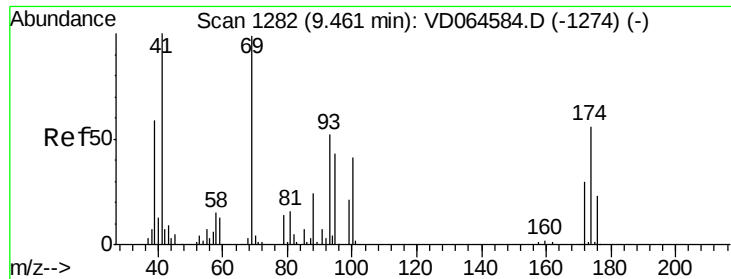
69 87.6 63.0 94.6

39 64.9 47.4 71.2



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

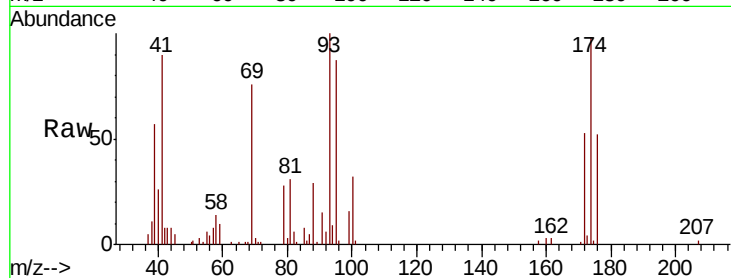




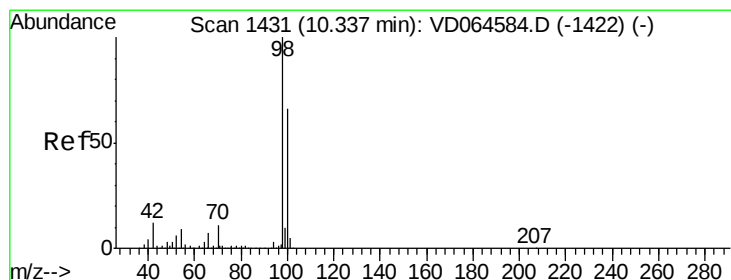
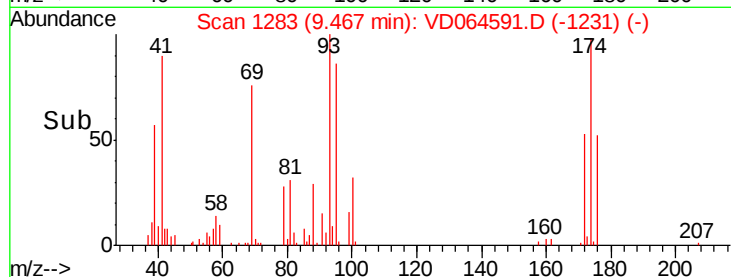
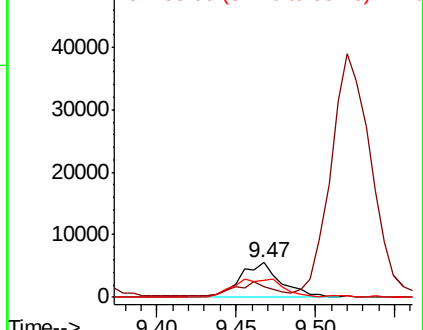
#49  
1,4-Dioxane  
Concen: 365.029 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

Tot Ion: 88 Resp: 9844  
Ion Ratio Lower Upper  
88 100  
43 36.2 27.7 41.5  
58 65.3 53.8 80.6

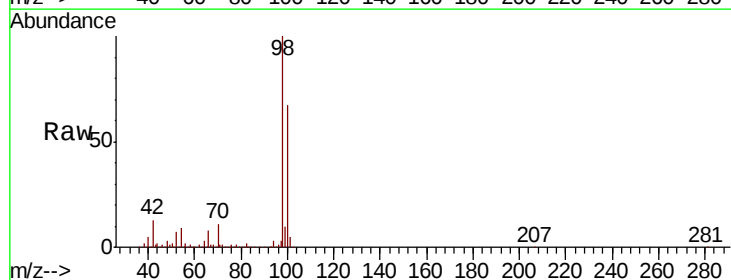


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

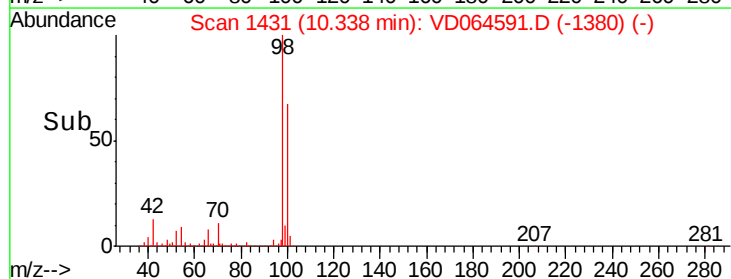
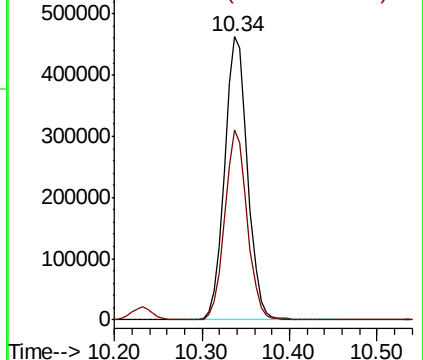


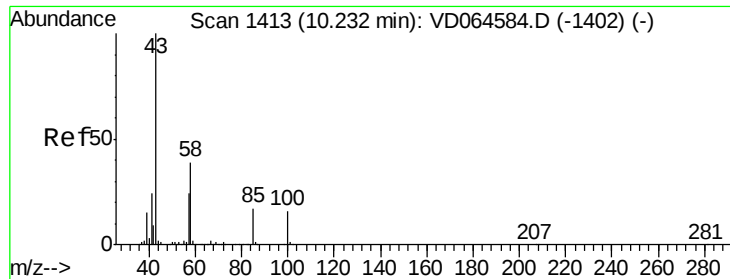
#50  
Toluene-d8  
Concen: 53.063 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 98 Resp: 833700  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.7 77.5



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: 93.229 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

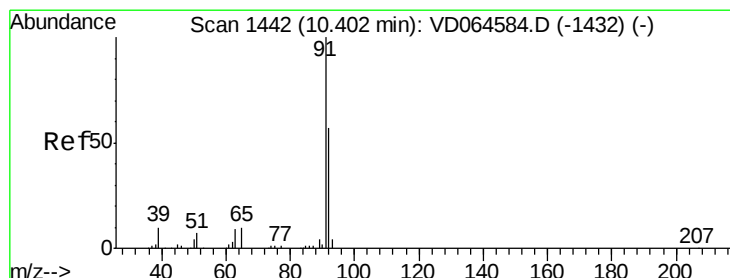
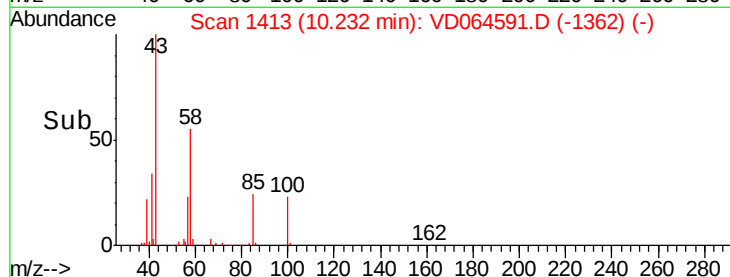
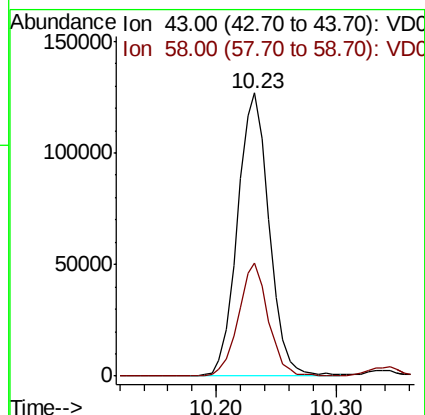
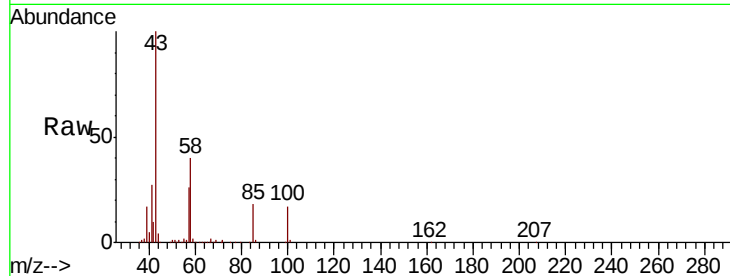
VD1226SBS01

Tot Ion: 43 Resp: 231899

Ion Ratio Lower Upper

43 100

58 37.6 30.2 45.2



#52

Toluene

Concen: 19.687 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064591.D

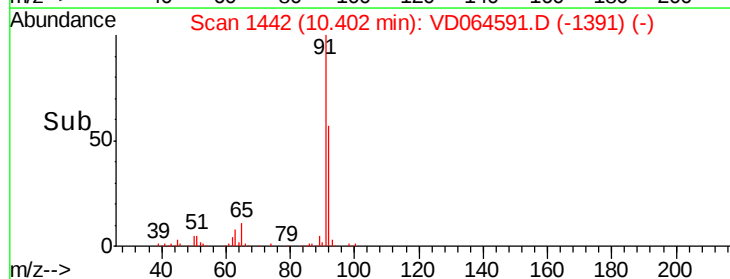
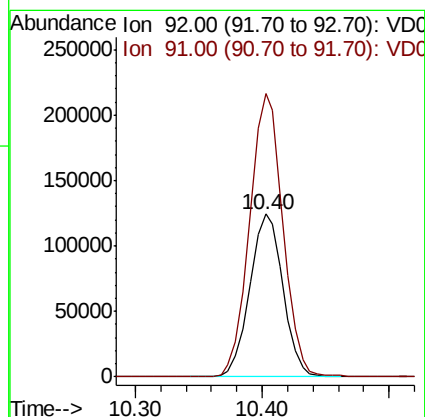
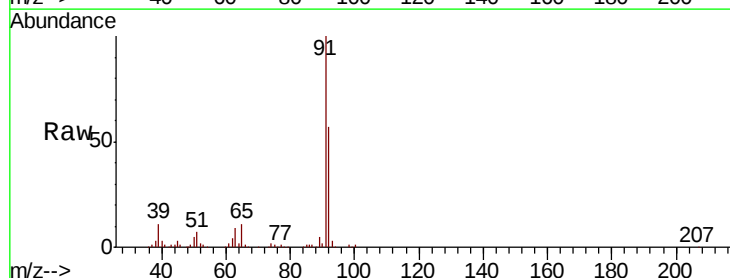
Acq: 26 Dec 2019 11:20

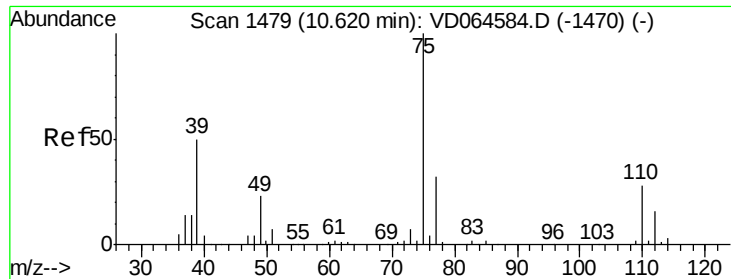
Tgt Ion: 92 Resp: 226930

Ion Ratio Lower Upper

92 100

91 174.5 138.7 208.1

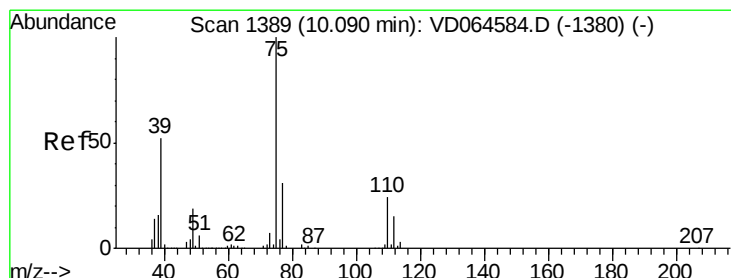
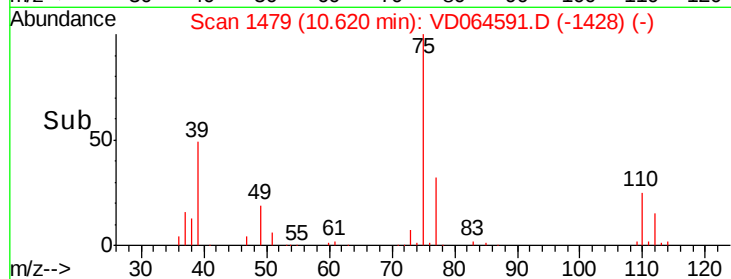
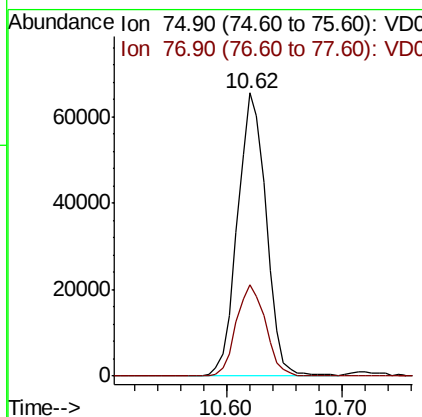
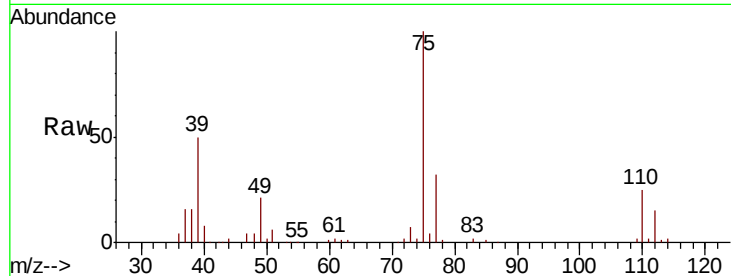




#53  
t-1,3-Dichloropropene  
Concen: 19.436 ug/l  
RT: 10.62 min Scan# 1479  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

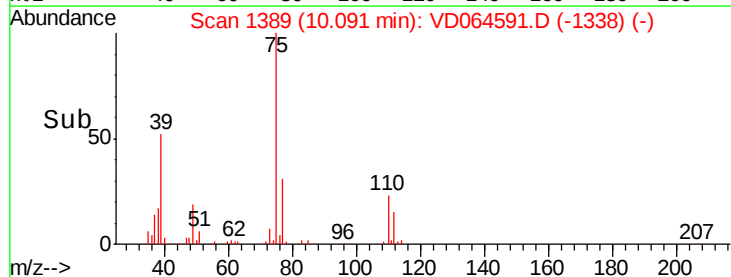
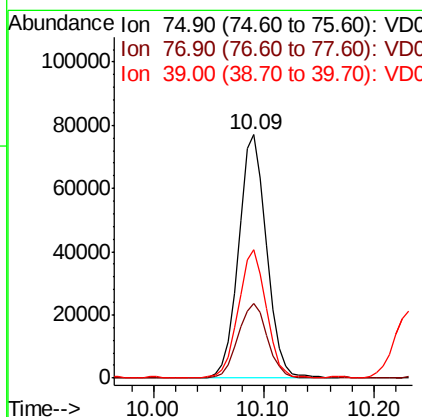
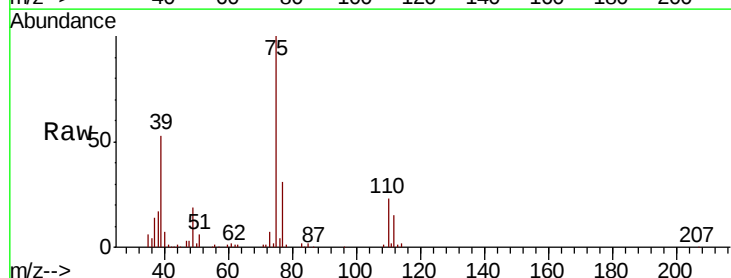
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

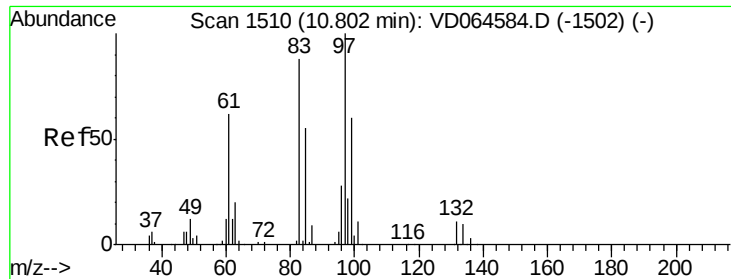
Tot Ion: 75 Resp: 112770  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 20.089 ug/l  
RT: 10.09 min Scan# 1389  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 75 Resp: 137441  
Ion Ratio Lower Upper  
75 100  
77 30.9 24.6 36.8  
39 52.4 41.4 62.2



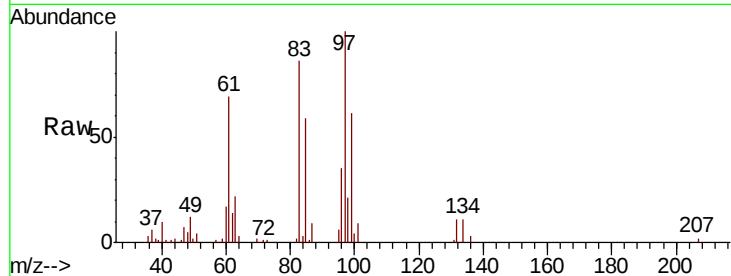


#55  
 1,1,2-Trichloroethane  
 Concen: 19.245 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

Tot Ion: 97 Resp: 60659

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.8  | 70.2  | 105.4 |
| 85  | 59.0  | 44.0  | 66.0  |
| 99  | 61.2  | 47.8  | 71.6  |



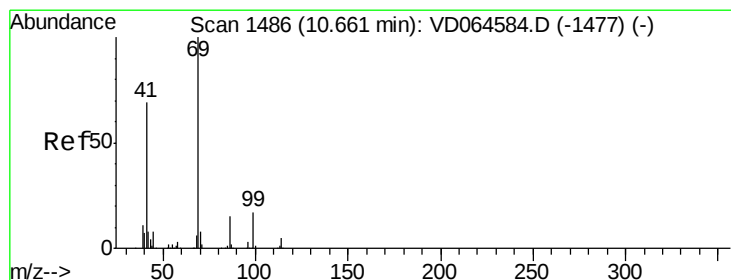
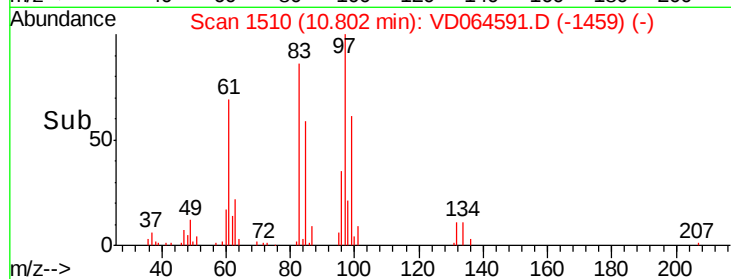
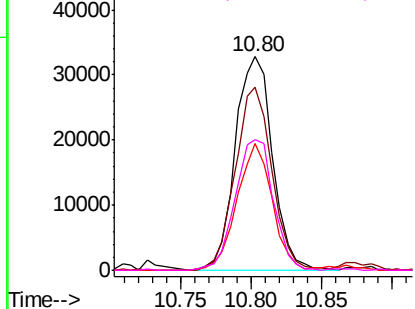
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

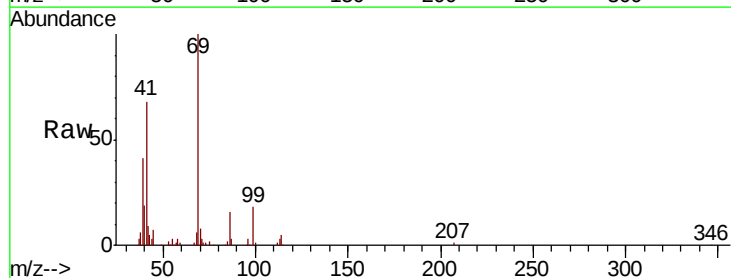
Ion 98.90 (98.60 to 99.60): VDC



#56  
 Ethyl methacrylate  
 Concen: 18.881 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Tgt Ion: 69 Resp: 74323

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.0  | 55.3  | 82.9  |
| 39  | 40.6  | 33.8  | 50.8  |

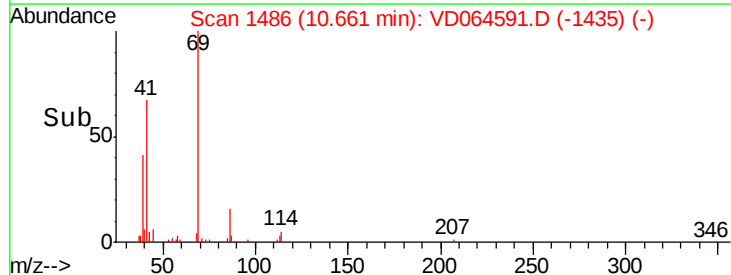
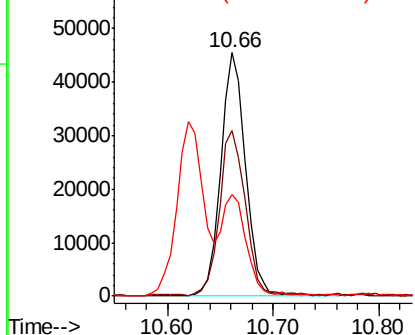


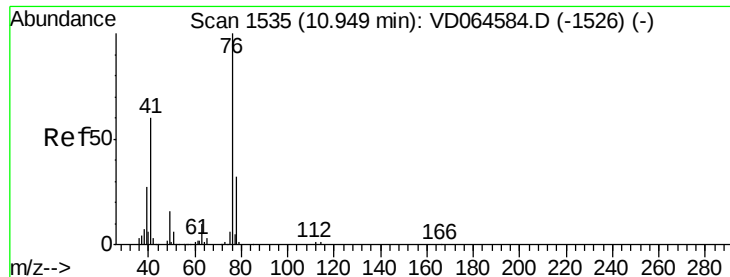
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

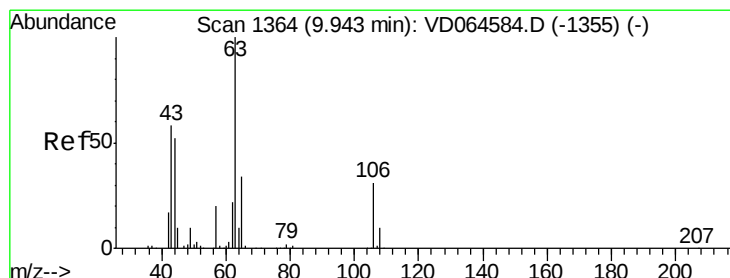
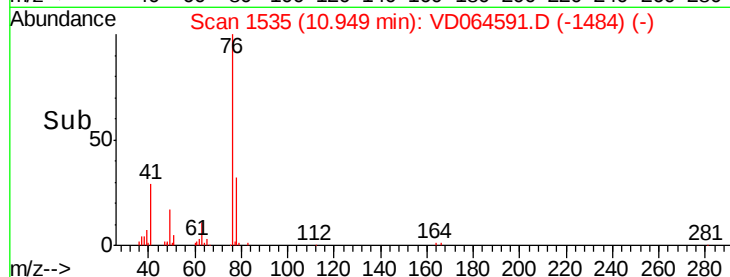
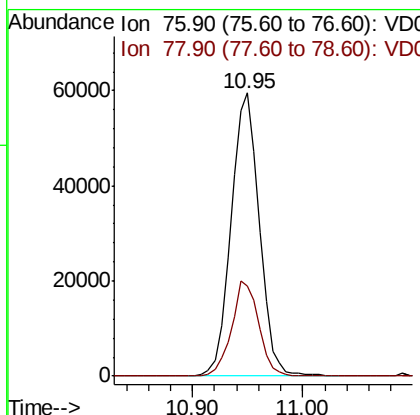
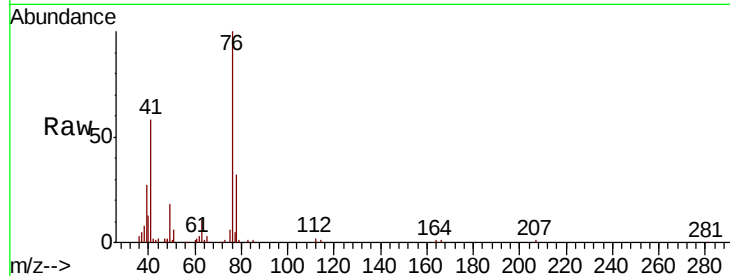




#57  
 1,3-Dichloropropane  
 Concen: 19.673 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

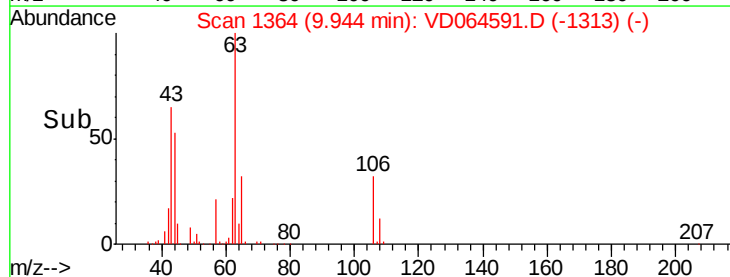
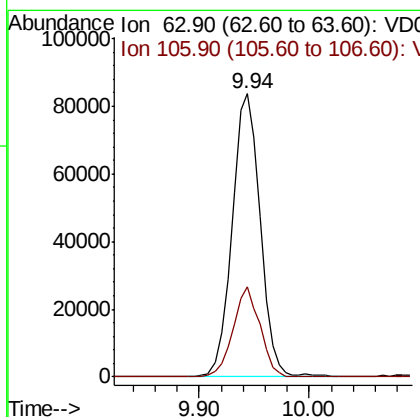
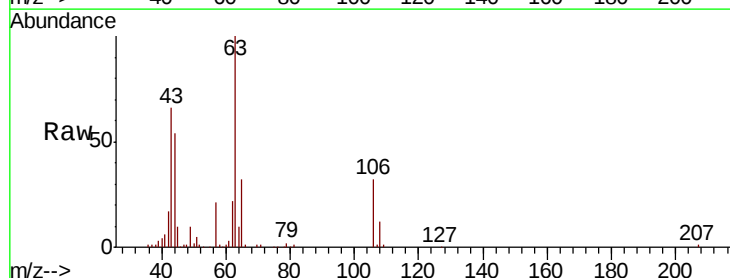
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

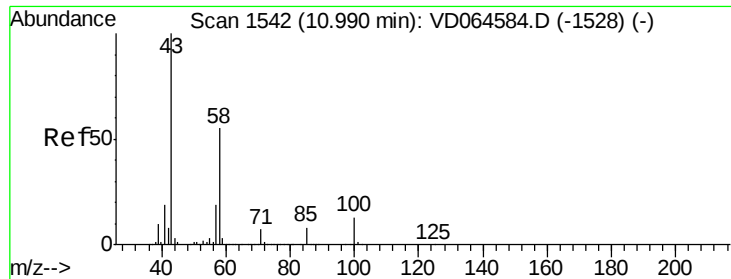
Tot Ion: 76 Resp: 106762  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 26.2 39.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 99.541 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Tgt Ion: 63 Resp: 149283  
 Ion Ratio Lower Upper  
 63 100  
 106 30.5 23.8 35.8

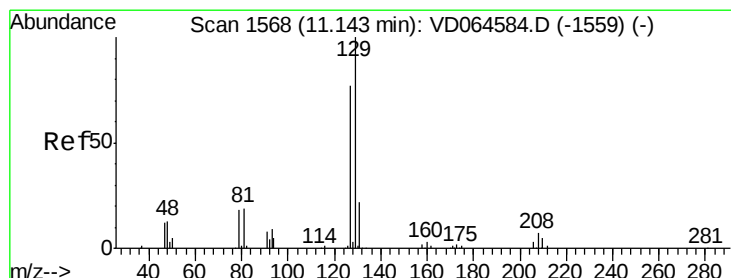
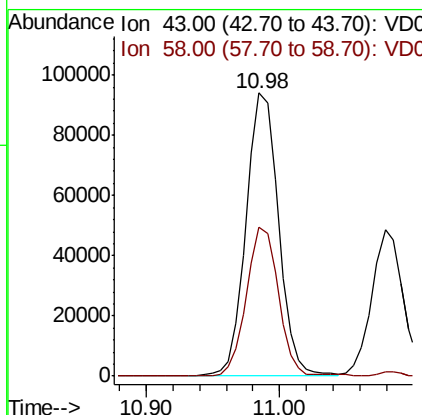
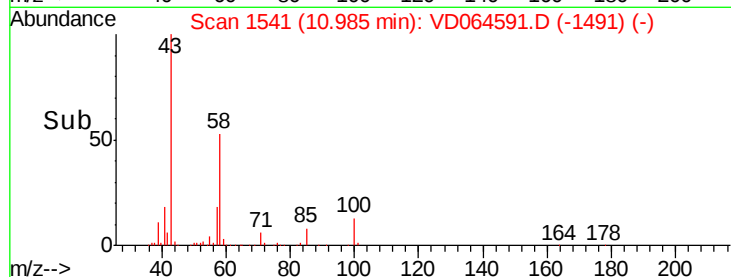
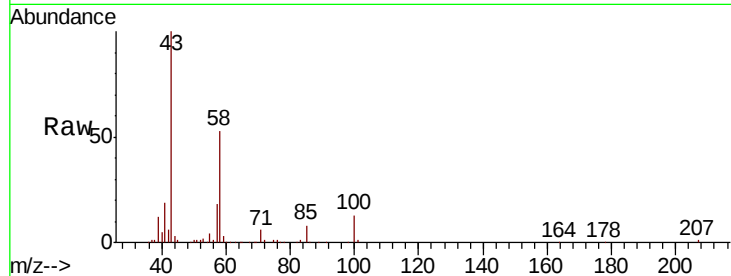




#59  
2-Hexanone  
Concen: 93.787 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

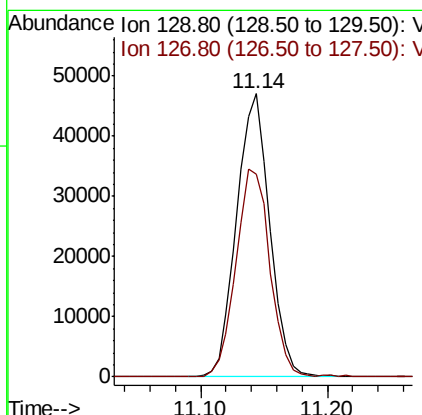
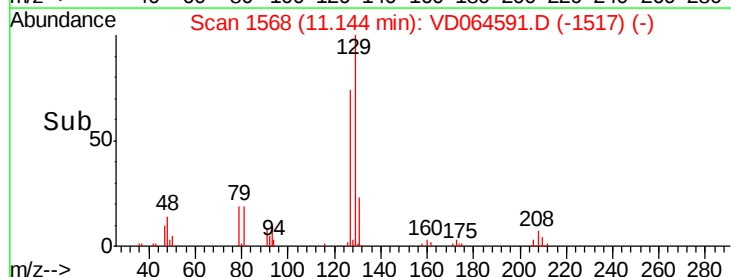
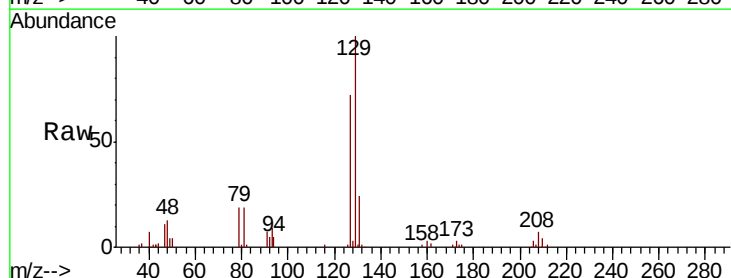
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

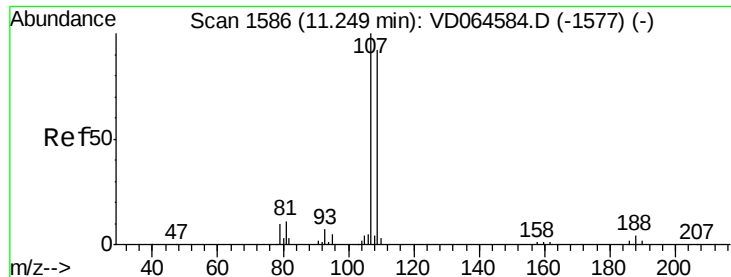
Tot Ion: 43 Resp: 158338  
Ion Ratio Lower Upper  
43 100  
58 52.1 26.4 79.0



#60  
Dibromochloromethane  
Concen: 19.555 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion: 129 Resp: 85232  
Ion Ratio Lower Upper  
129 100  
127 75.1 38.4 115.2

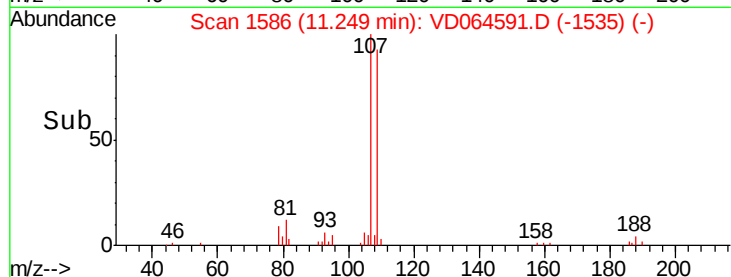
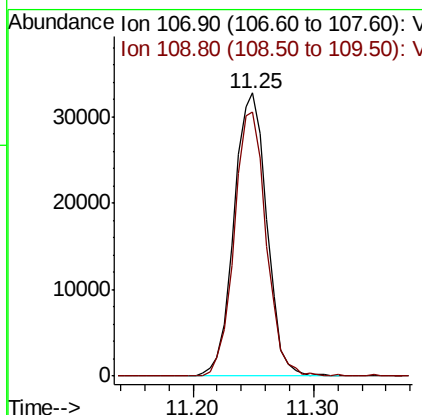
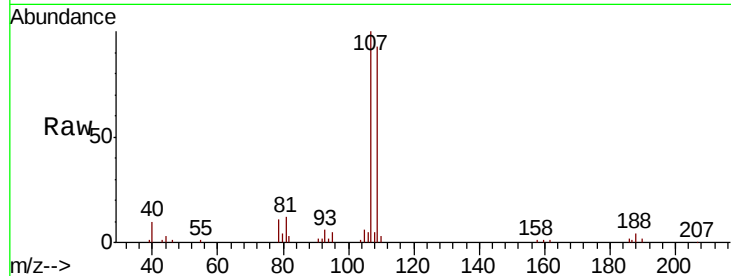




#61  
 1,2-Dibromoethane  
 Concen: 19.897 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

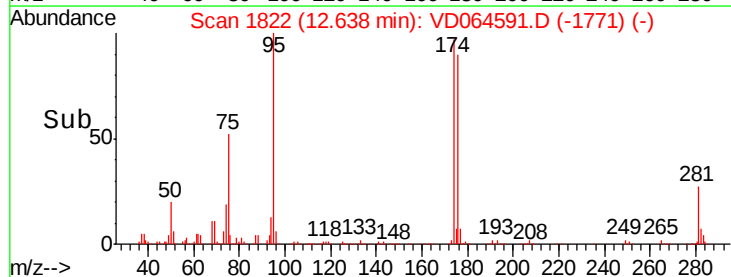
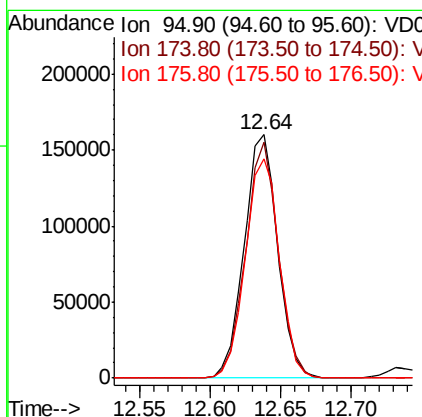
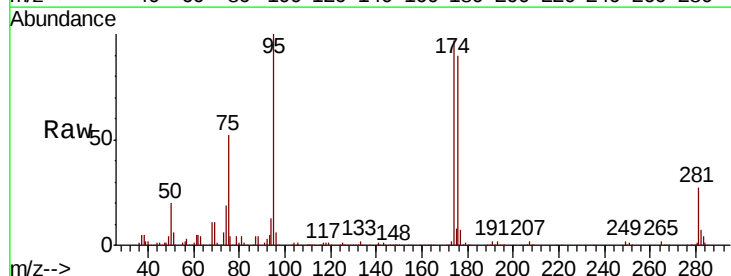
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

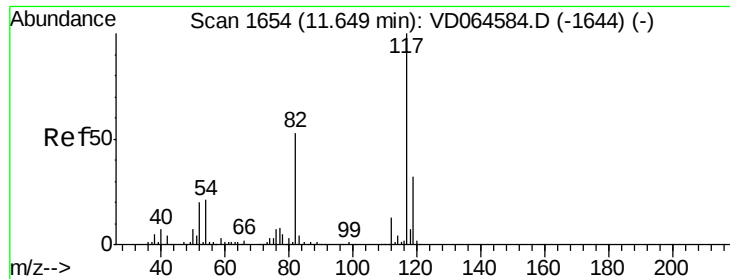
Tot Ion:107 Resp: 61856  
 Ion Ratio Lower Upper  
 107 100  
 109 91.1 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 53.719 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

Tgt Ion: 95 Resp: 266887  
 Ion Ratio Lower Upper  
 95 100  
 174 94.6 0.0 193.2  
 176 91.8 0.0 184.2

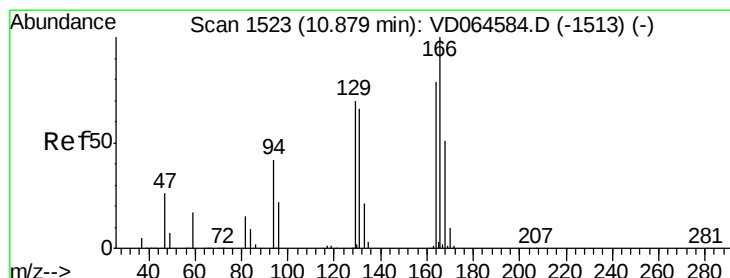
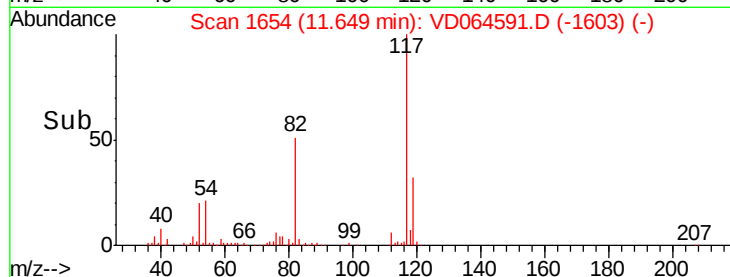
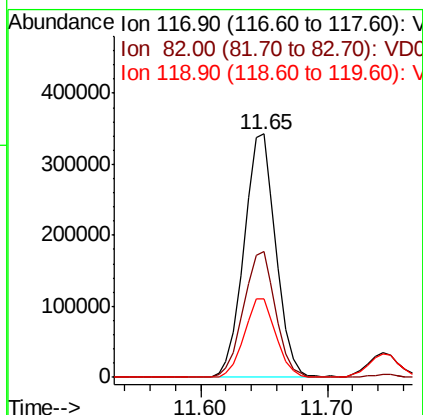
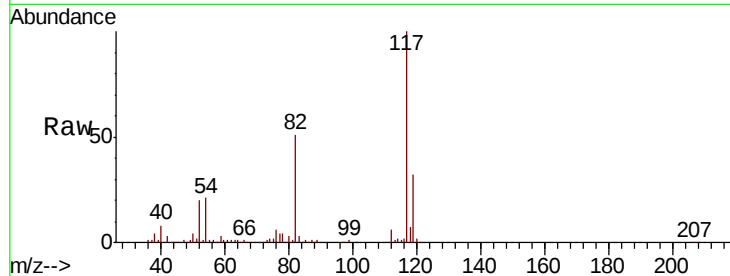




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

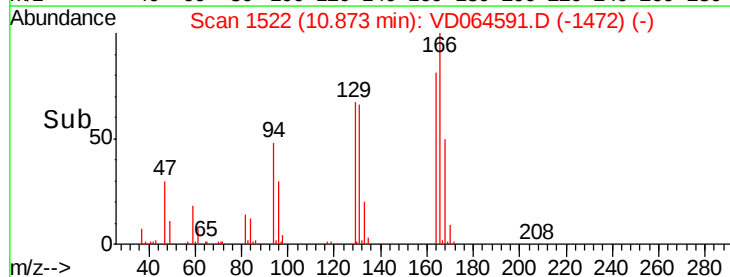
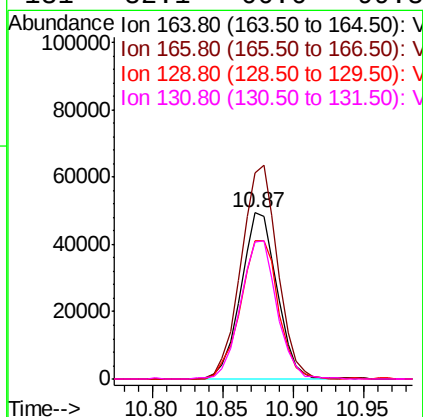
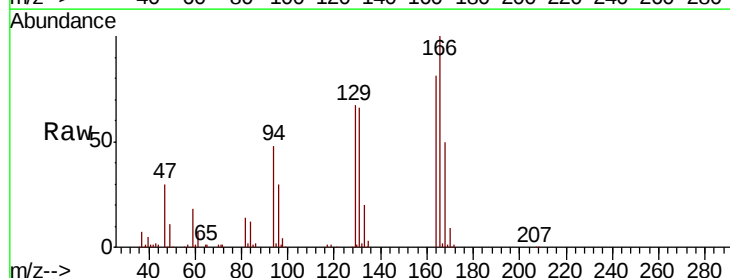
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

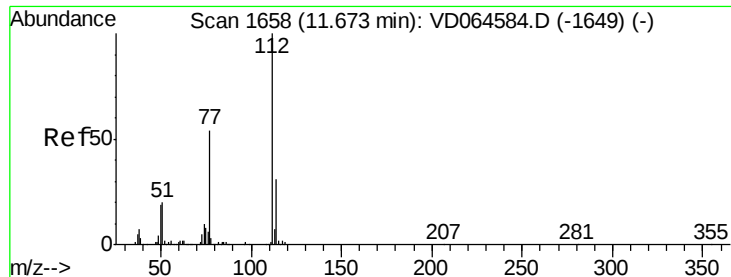
Tot Ion:117 Resp: 596620  
Ion Ratio Lower Upper  
117 100  
82 51.5 42.2 63.4  
119 32.2 26.0 39.0



#64  
Tetrachloroethene  
Concen: 19.422 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion:164 Resp: 88900  
Ion Ratio Lower Upper  
164 100  
166 123.9 101.3 151.9  
129 83.5 70.5 105.7  
131 82.1 66.6 99.8





#65

Chlorobenzene

Concen: 19.808 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

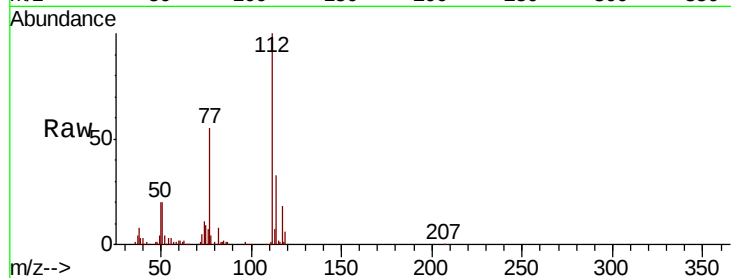
VD1226SBS01

Tot Ion:112 Resp: 245277

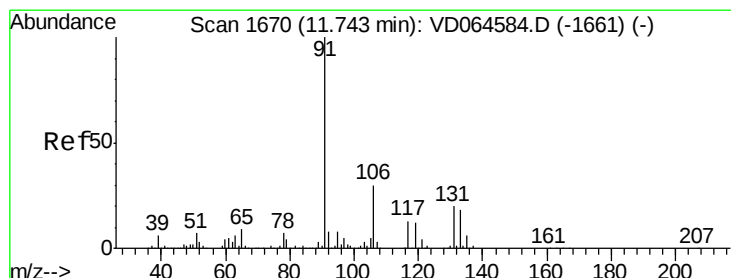
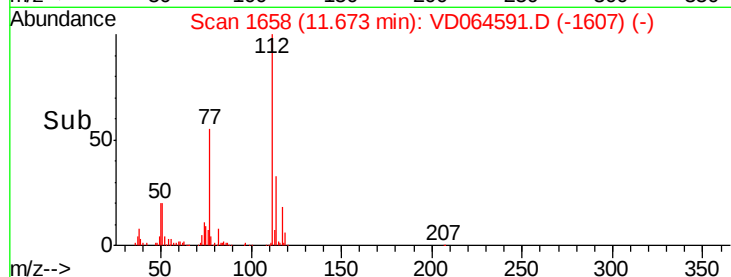
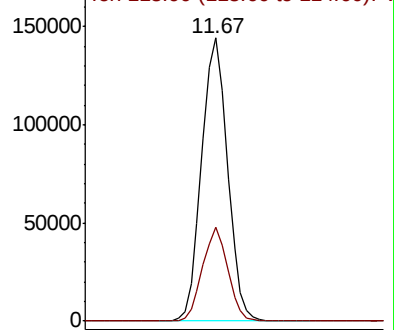
Ion Ratio Lower Upper

112 100

114 33.4 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.651 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

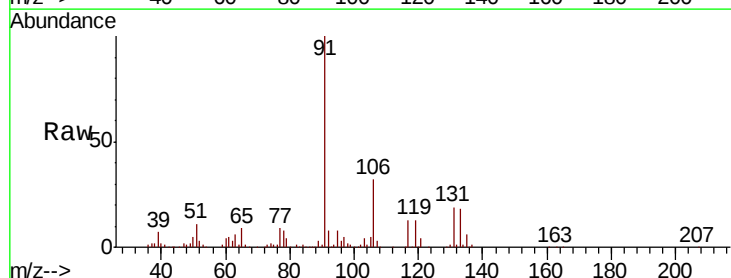
Tgt Ion:131 Resp: 91735

Ion Ratio Lower Upper

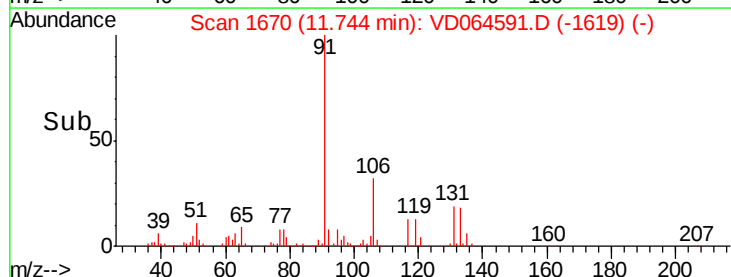
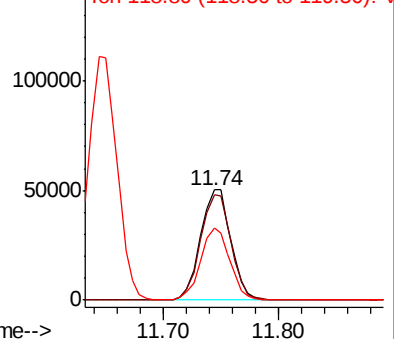
131 100

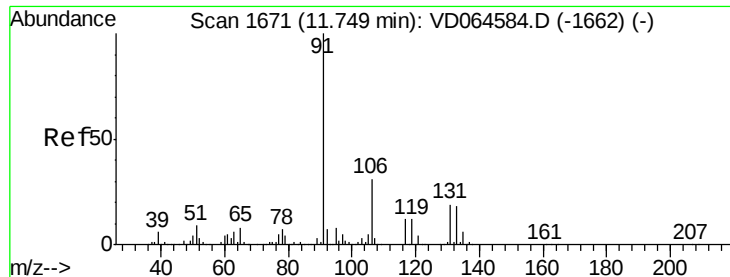
133 95.5 48.3 144.8

119 62.5 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 19.462 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

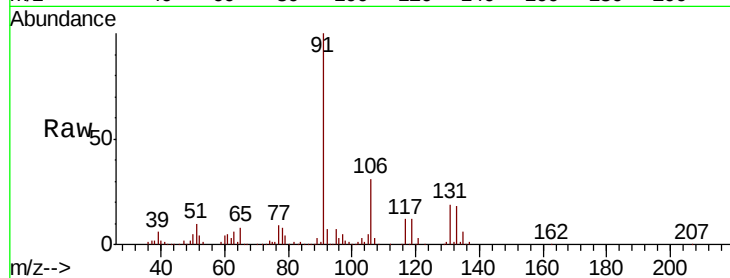
VD1226SBS01

Tot Ion: 91 Resp: 437426

Ion Ratio Lower Upper

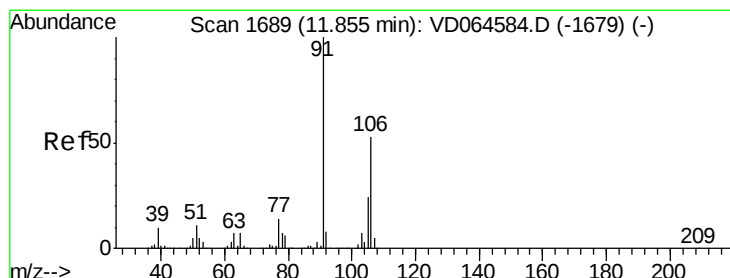
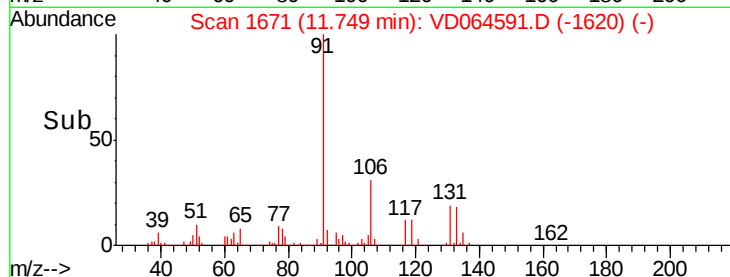
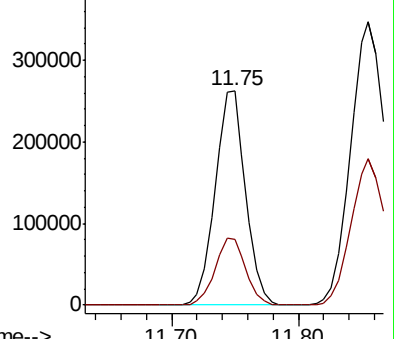
91 100

106 30.7 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 38.956 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064591.D

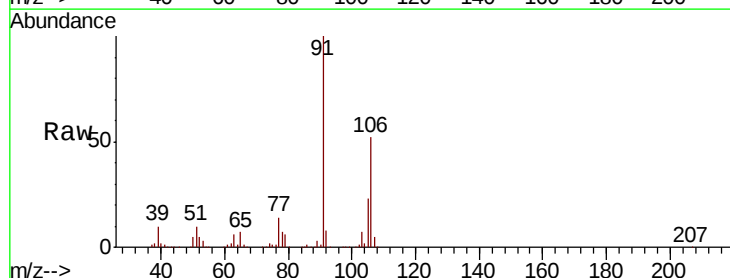
Acq: 26 Dec 2019 11:20

Tgt Ion: 106 Resp: 337948

Ion Ratio Lower Upper

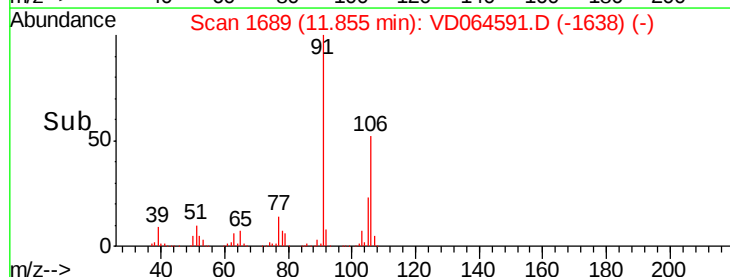
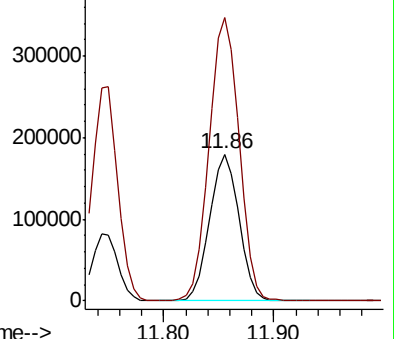
106 100

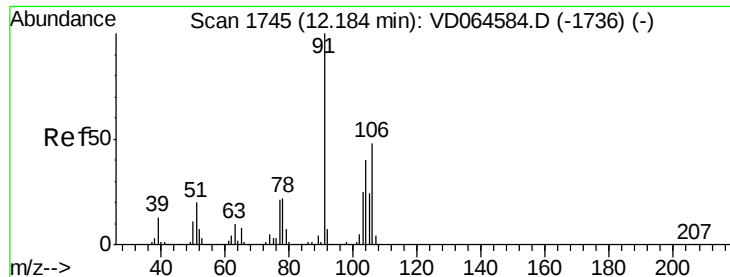
91 196.5 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

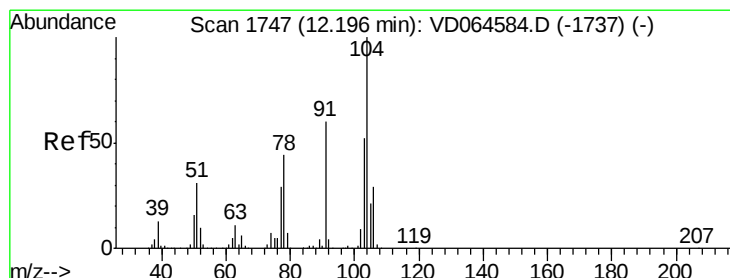
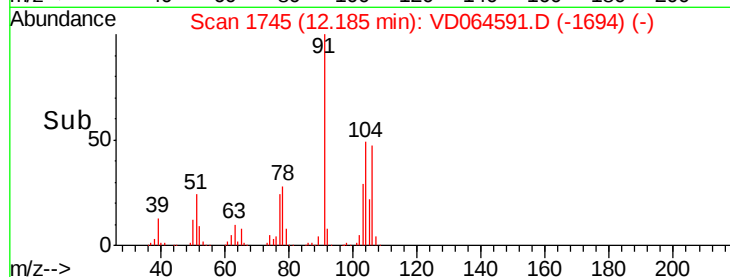
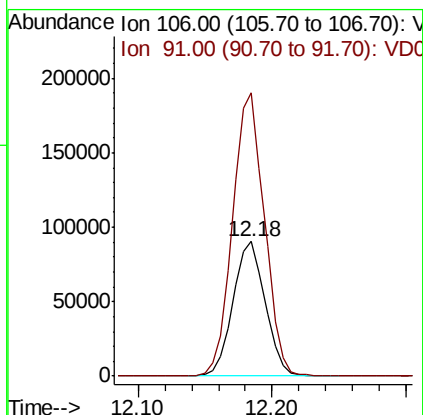
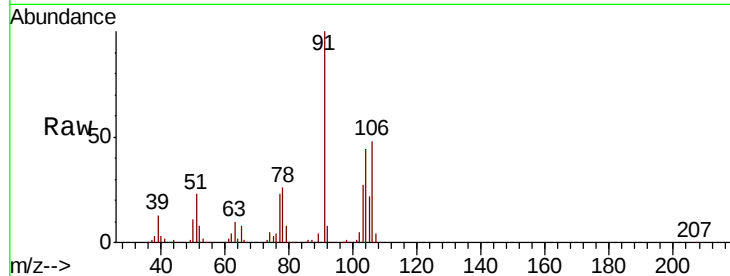




#69  
o-Xylene  
Concen: 19.346 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

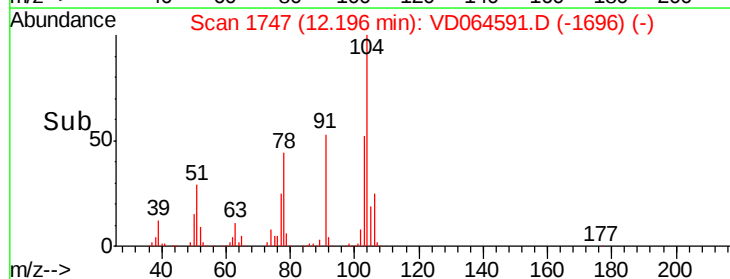
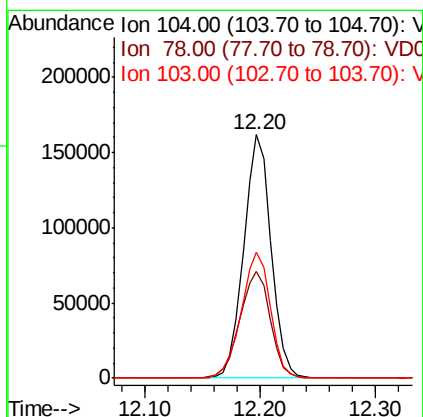
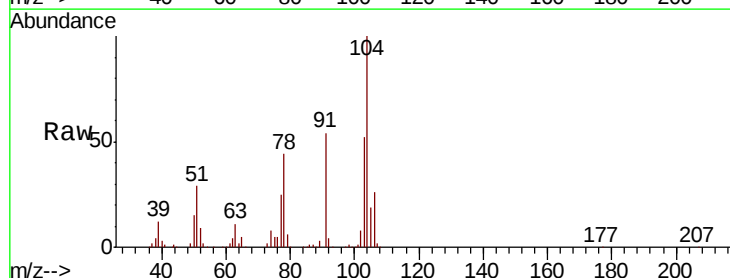
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

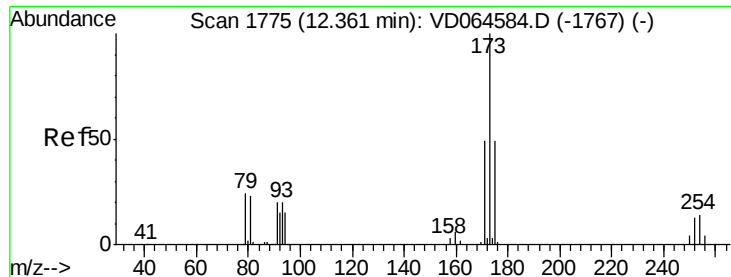
Tot Ion:106 Resp: 151588  
Ion Ratio Lower Upper  
106 100  
91 207.8 104.8 314.4



#70  
Styrene  
Concen: 19.311 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion:104 Resp: 265596  
Ion Ratio Lower Upper  
104 100  
78 48.8 38.2 57.2  
103 55.2 44.6 67.0





#71

Bromoform

Concen: 18.871 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

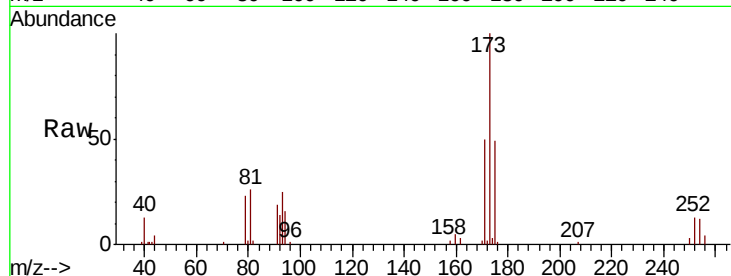
Tot Ion:173 Resp: 50236

Ion Ratio Lower Upper

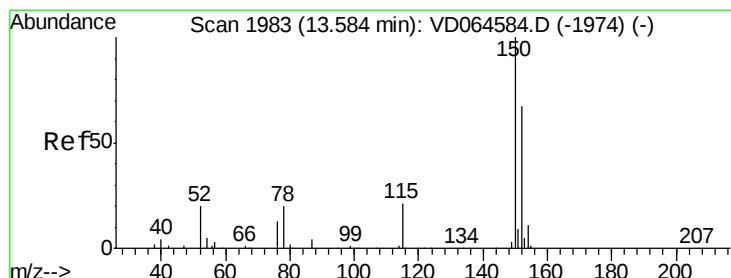
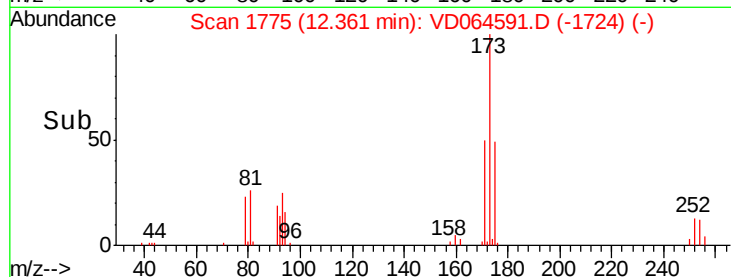
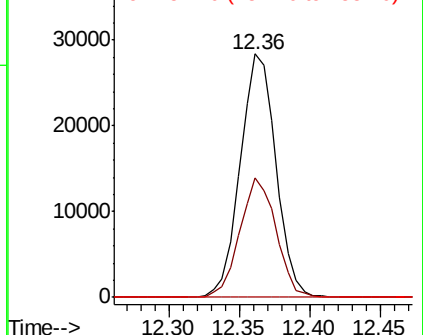
173 100

175 49.7 24.6 73.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

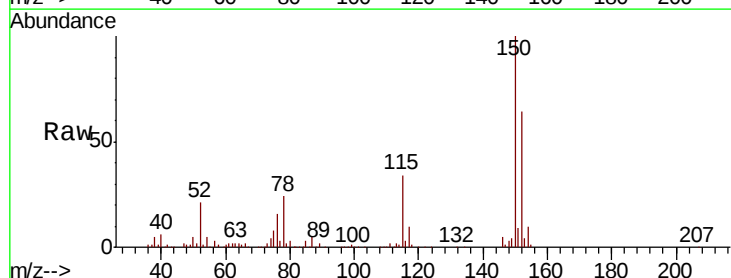
Tgt Ion:152 Resp: 290511

Ion Ratio Lower Upper

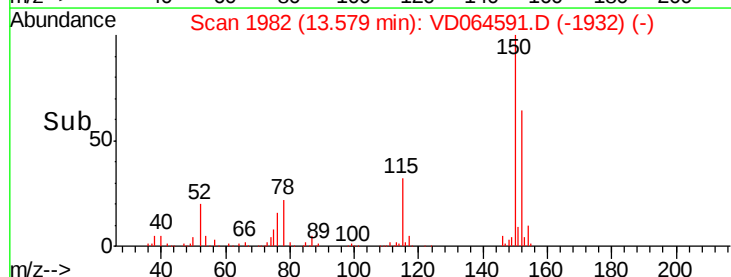
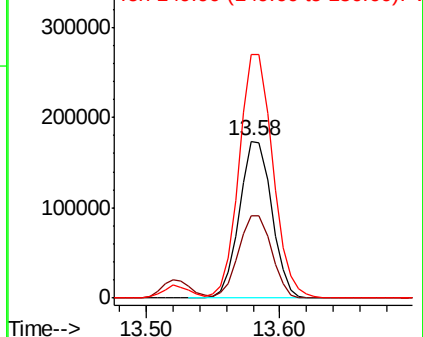
152 100

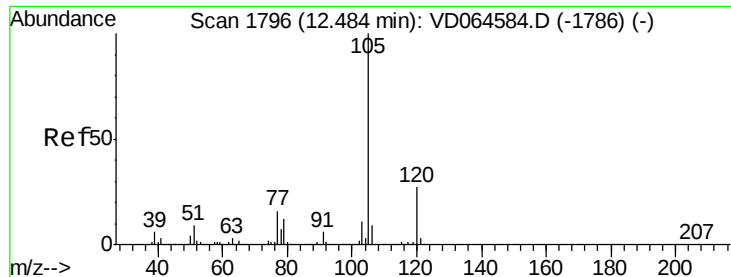
115 54.1 27.8 83.4

150 162.4 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.330 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

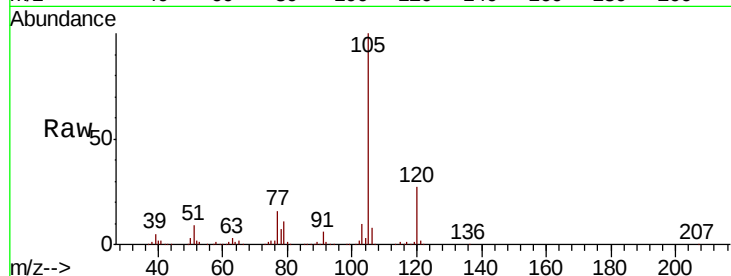
VD1226SBS01

Tot Ion:105 Resp: 422065

Ion Ratio Lower Upper

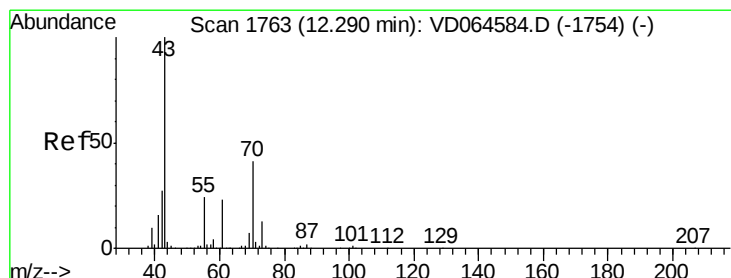
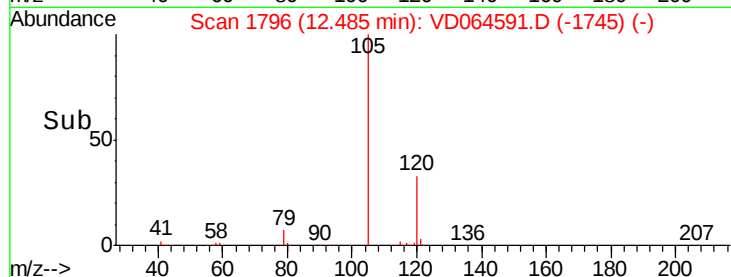
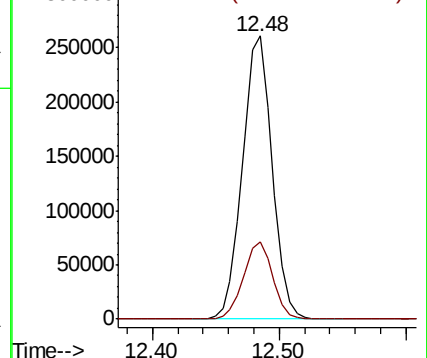
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.645 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Tgt Ion: 43 Resp: 87182

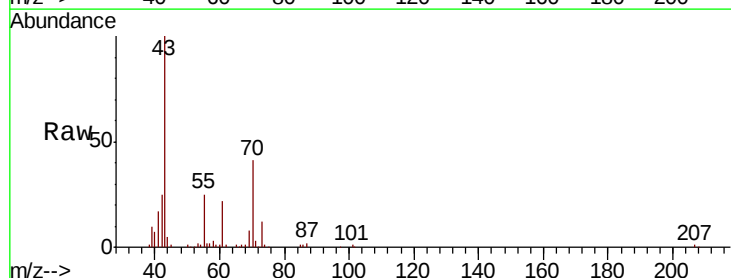
Ion Ratio Lower Upper

43 100

70 40.2 33.4 50.0

55 23.8 19.4 29.0

61 22.5 18.3 27.5

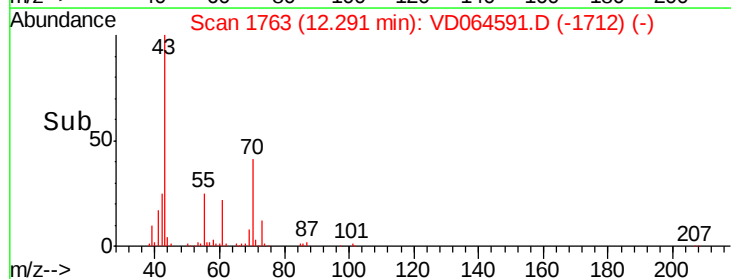
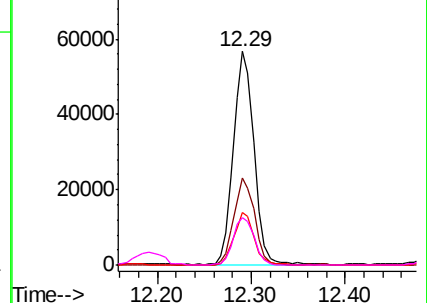


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.345 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

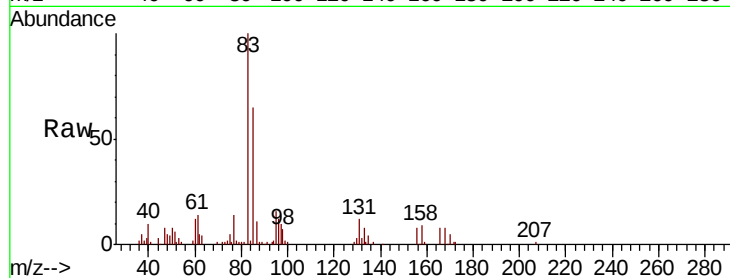
Tot Ion: 83 Resp: 63089

Ion Ratio Lower Upper

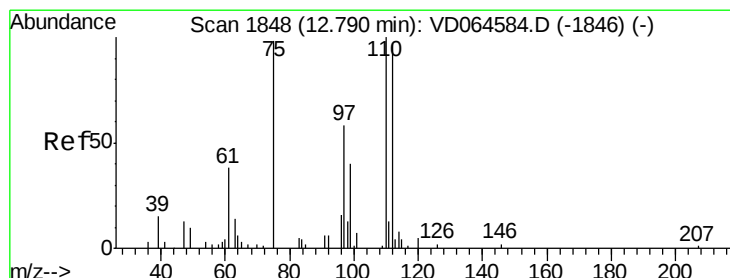
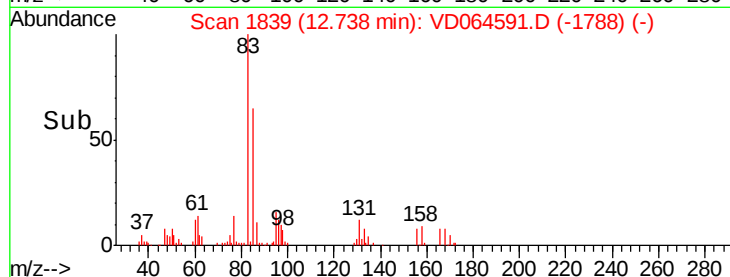
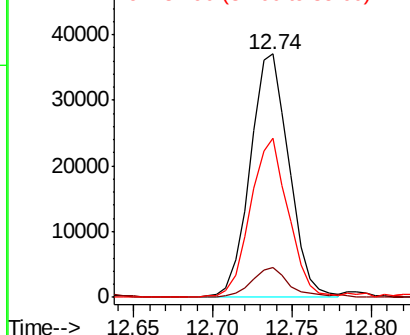
83 100

131 12.1 5.8 17.4

85 63.7 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 37.688 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD064591.D

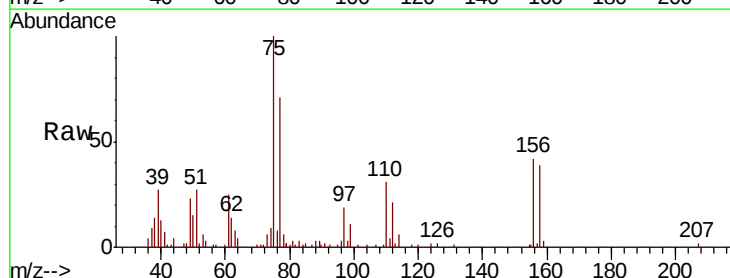
Acq: 26 Dec 2019 11:20

Tgt Ion: 75 Resp: 86459

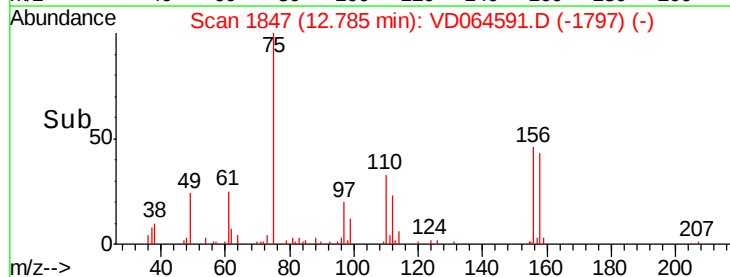
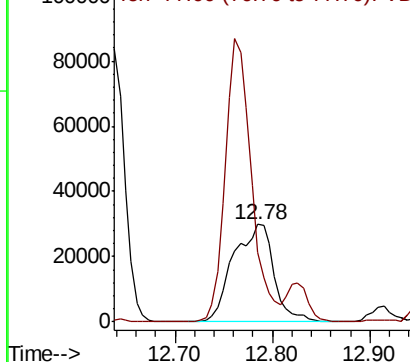
Ion Ratio Lower Upper

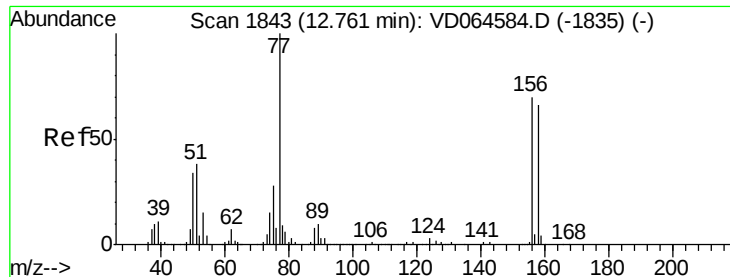
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.002 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

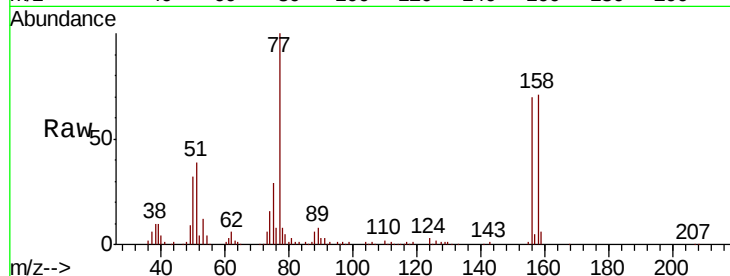
Tot Ion:156 Resp: 102036

Ion Ratio Lower Upper

156 100

77 158.8 80.9 242.7

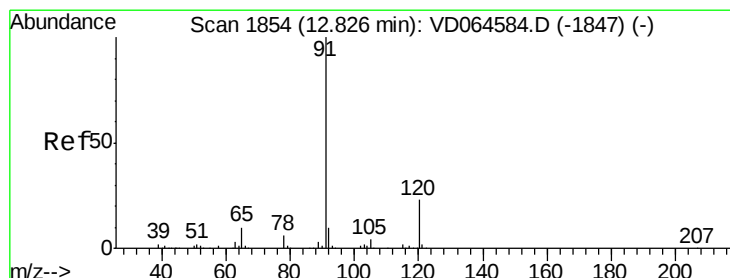
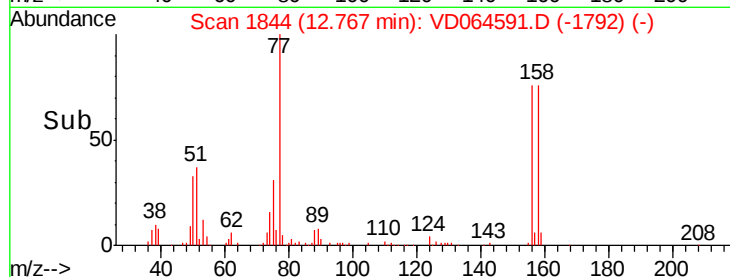
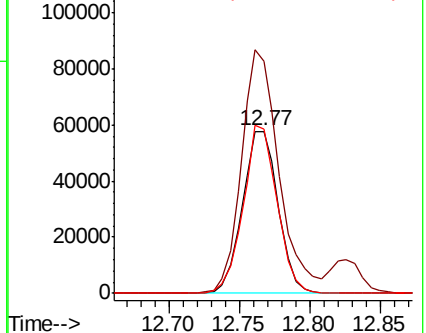
158 98.4 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.143 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064591.D

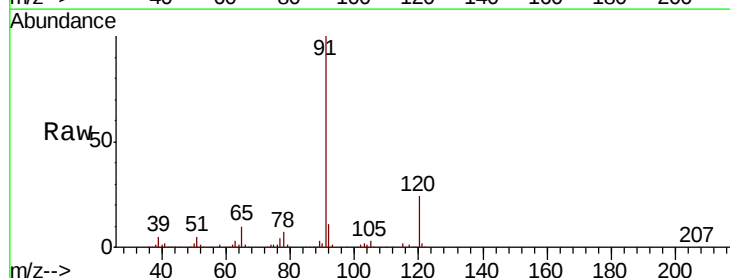
Acq: 26 Dec 2019 11:20

Tgt Ion: 91 Resp: 487871

Ion Ratio Lower Upper

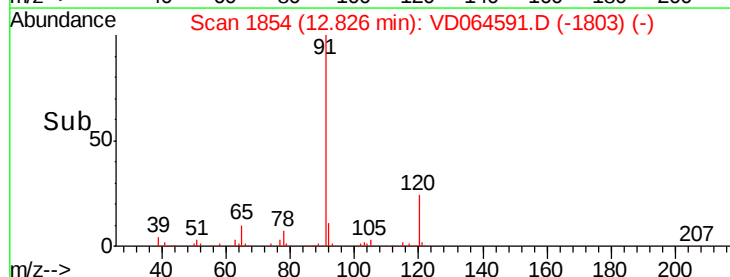
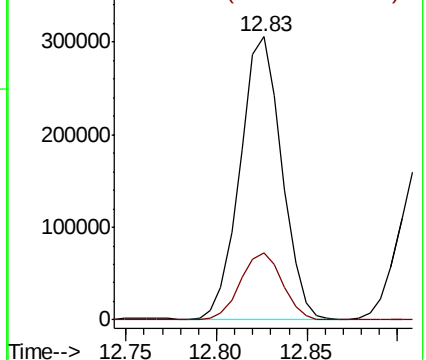
91 100

120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

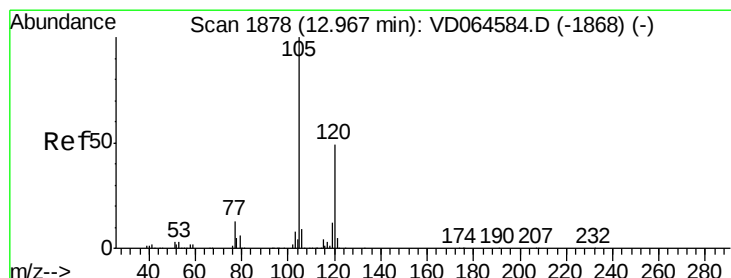
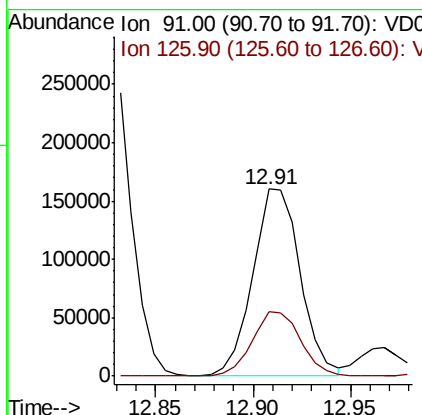
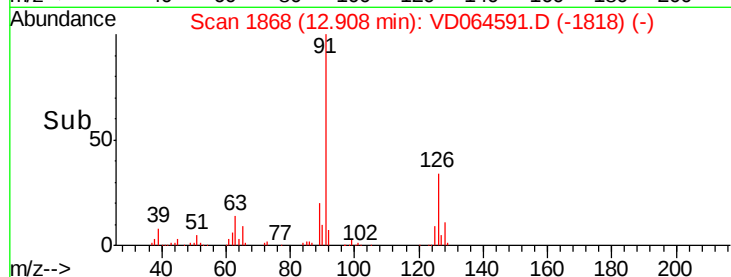
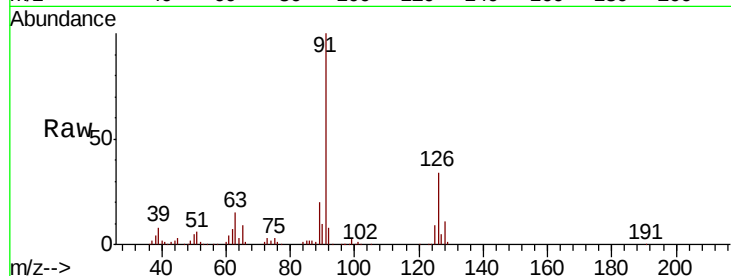




#79  
2-Chlorotoluene  
Concen: 20.293 ug/l  
RT: 12.91 min Scan# 1868  
Delta R.T. -0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

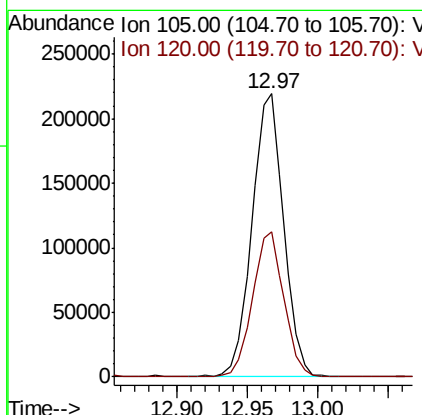
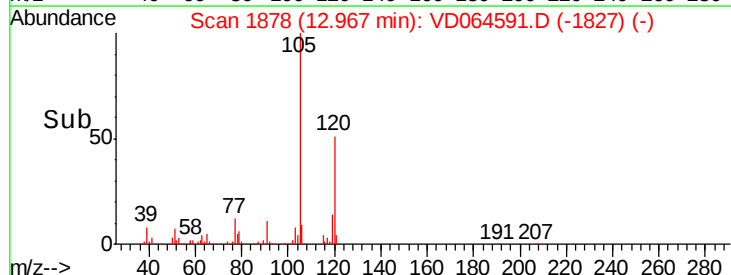
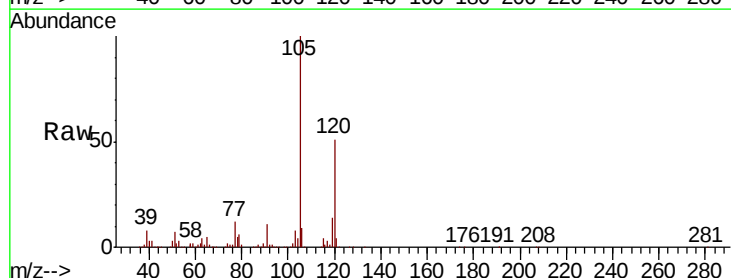
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

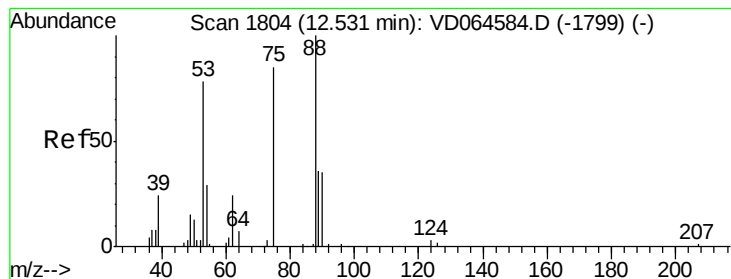
Tot Ion: 91 Resp: 269998  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 20.247 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion:105 Resp: 345287  
Ion Ratio Lower Upper  
105 100  
120 50.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.202 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

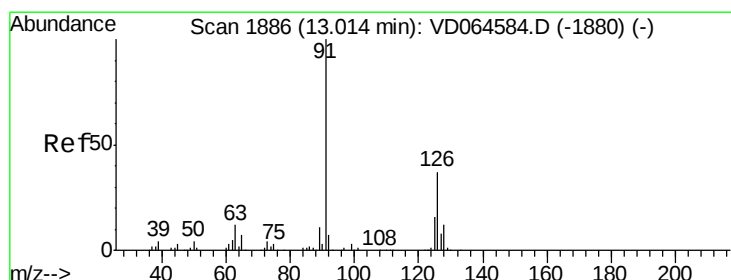
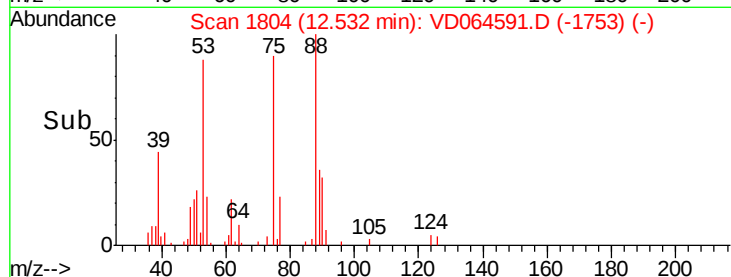
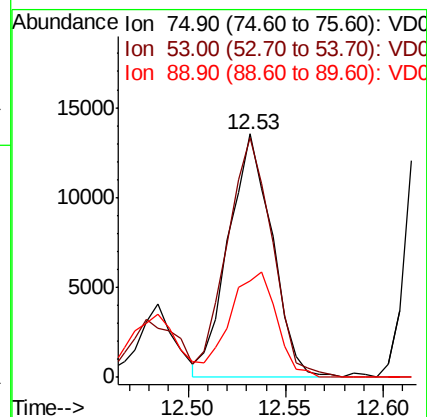
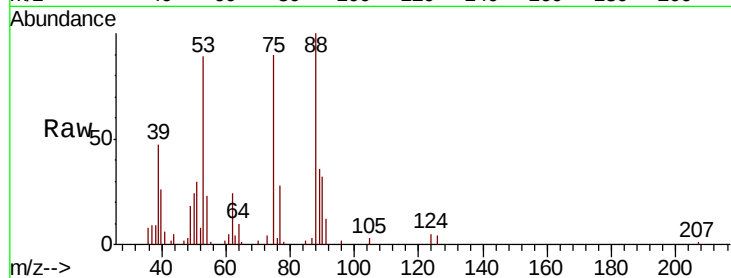
Tot Ion: 75 Resp: 21062

Ion Ratio Lower Upper

75 100

53 102.0 78.8 118.2

89 45.6 38.3 57.5



#82

4-Chlorotoluene

Concen: 19.909 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064591.D

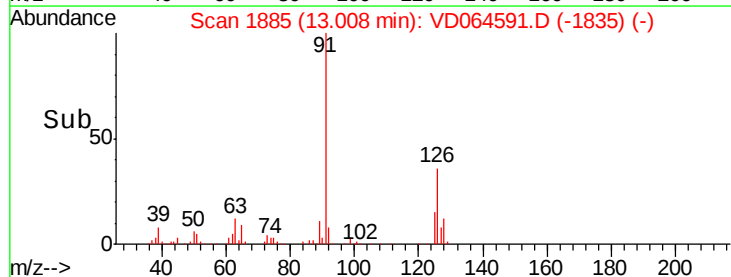
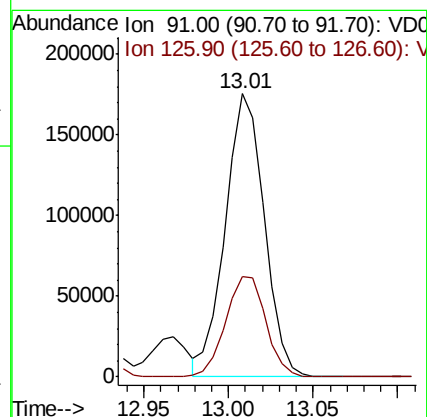
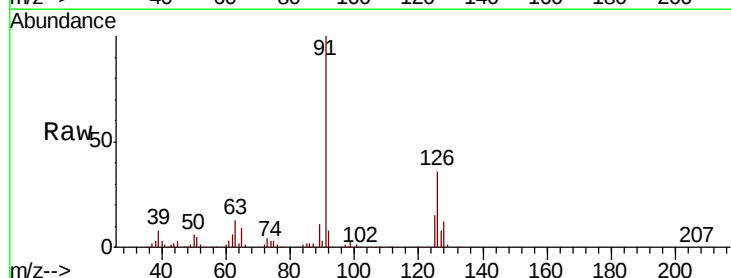
Acq: 26 Dec 2019 11:20

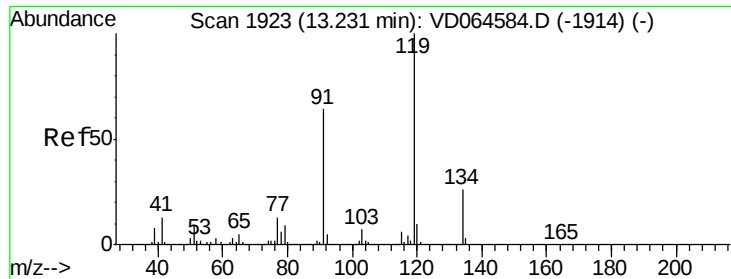
Tgt Ion: 91 Resp: 281893

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.5

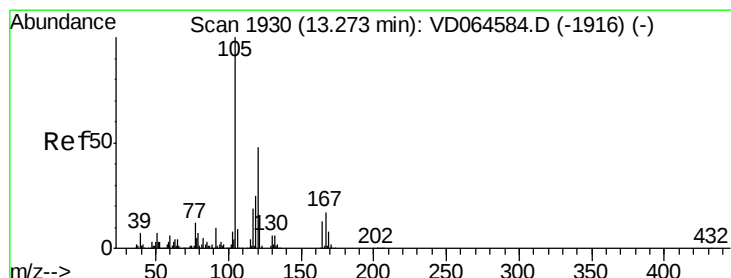
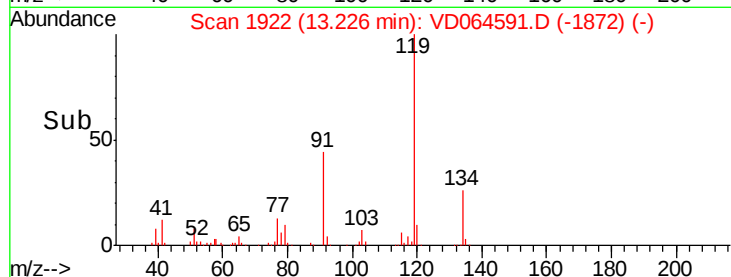
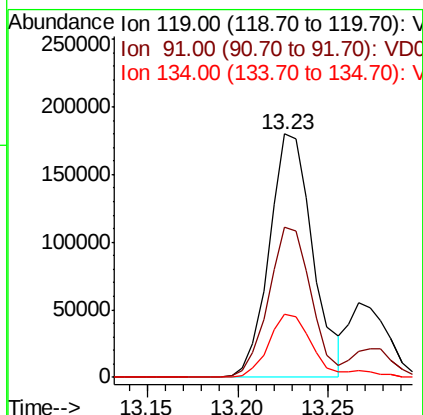
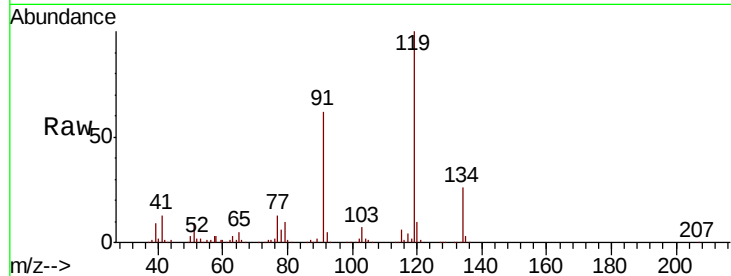




#83  
tert-Butylbenzene  
Concen: 20.355 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

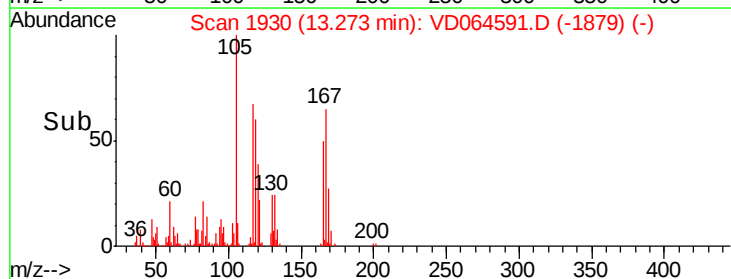
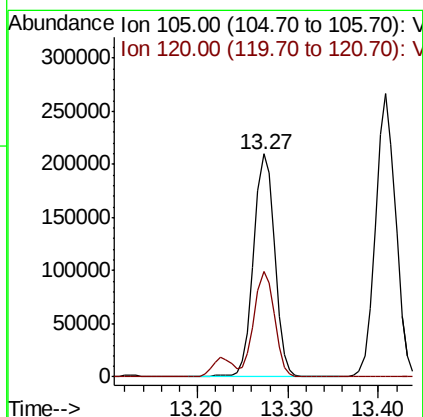
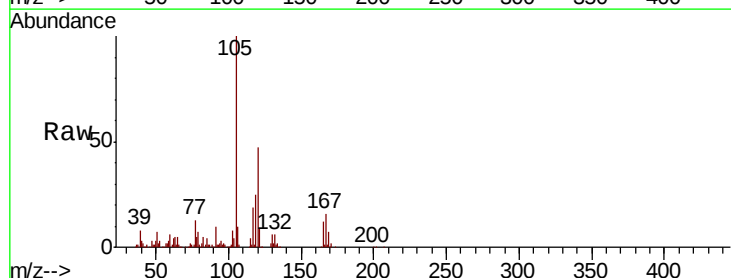
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

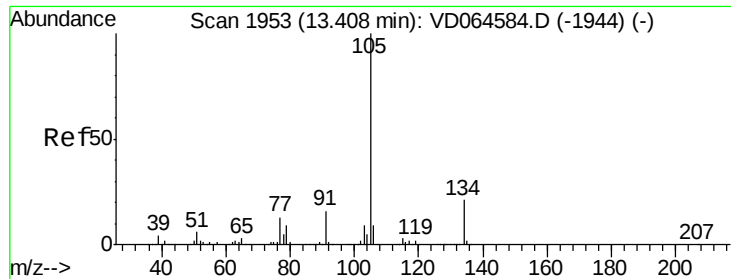
Tot Ion:119 Resp: 301403  
Ion Ratio Lower Upper  
119 100  
91 60.4 30.8 92.4  
134 27.4 12.8 38.3



#84  
1,2,4-Trimethylbenzene  
Concen: 19.982 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion:105 Resp: 339387  
Ion Ratio Lower Upper  
105 100  
120 46.4 23.8 71.2





#85

sec-Butylbenzene

Concen: 20.242 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

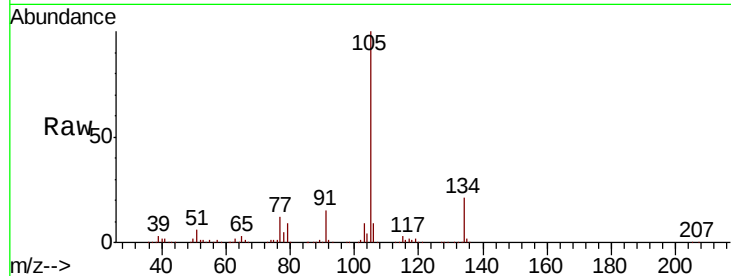
VD1226SBS01

Tot Ion:105 Resp: 410912

Ion Ratio Lower Upper

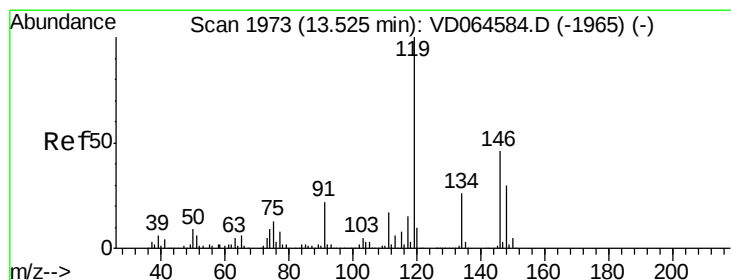
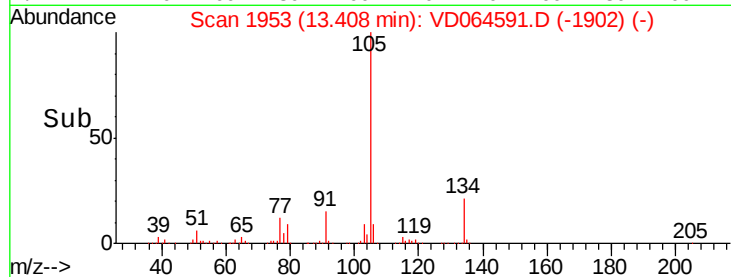
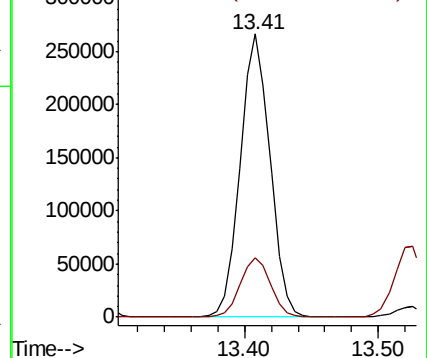
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.774 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

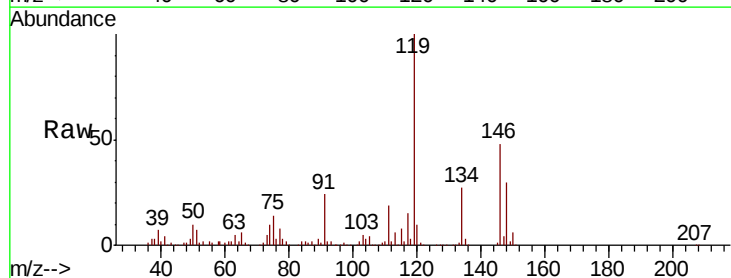
Tgt Ion:119 Resp: 383815

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

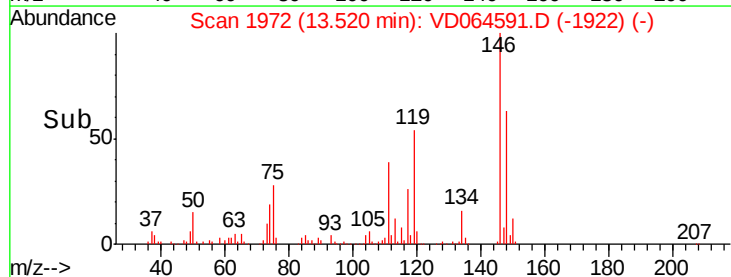
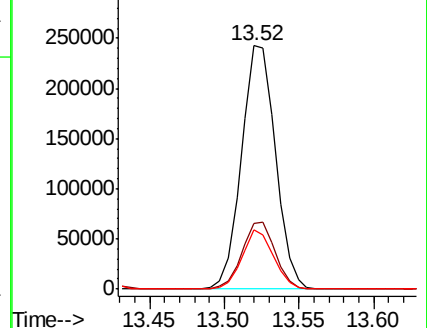
91 22.8 11.2 33.6

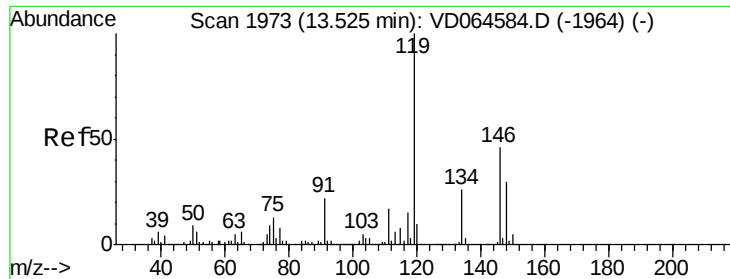


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.857 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

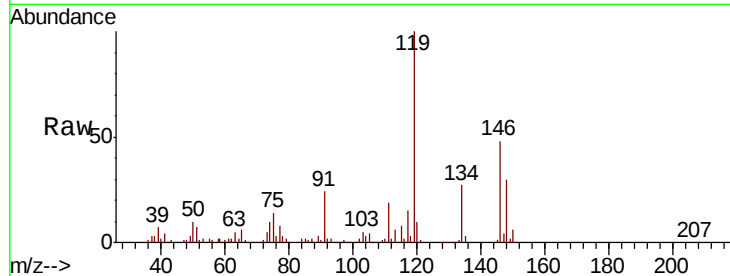
Tot Ion:146 Resp: 193097

Ion Ratio Lower Upper

146 100

111 36.7 18.8 56.4

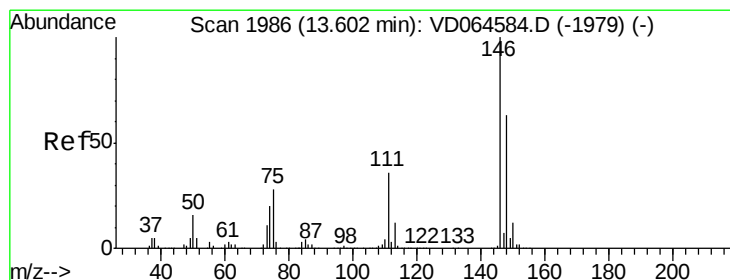
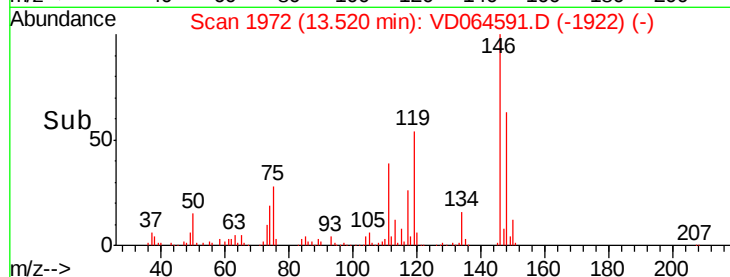
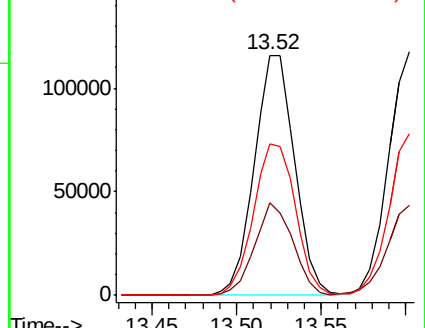
148 65.3 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.064 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

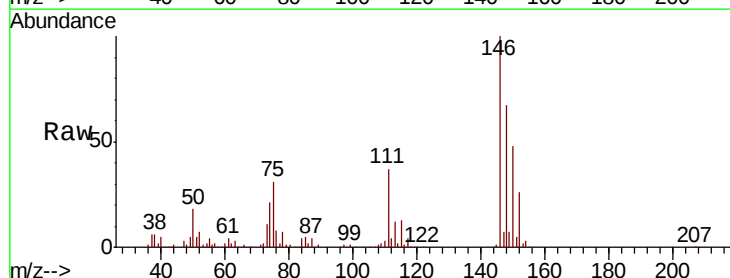
Tgt Ion:146 Resp: 191669

Ion Ratio Lower Upper

146 100

111 37.3 18.1 54.1

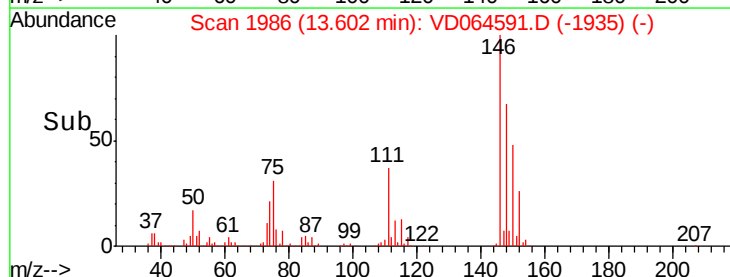
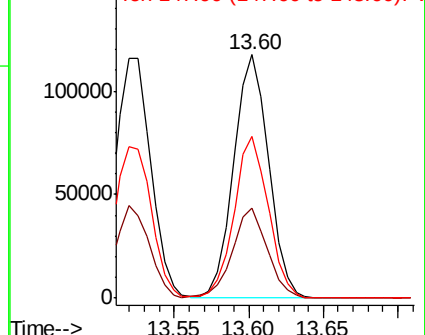
148 65.1 32.3 96.9

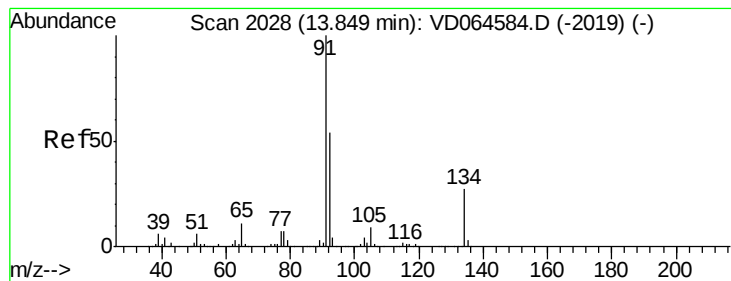


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.389 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD064591.D

Acq: 26 Dec 2019 11:20

Instrument :

MSVOA\_D

ClientSampleId :

VD1226SBS01

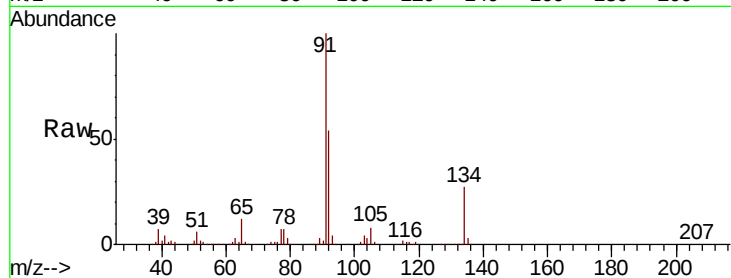
Tot Ion: 91 Resp: 356395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.1  | 26.8  | 80.4  |
| 134 | 27.1  | 14.0  | 41.9  |

91 100

92 53.1 26.8 80.4

134 27.1 14.0 41.9

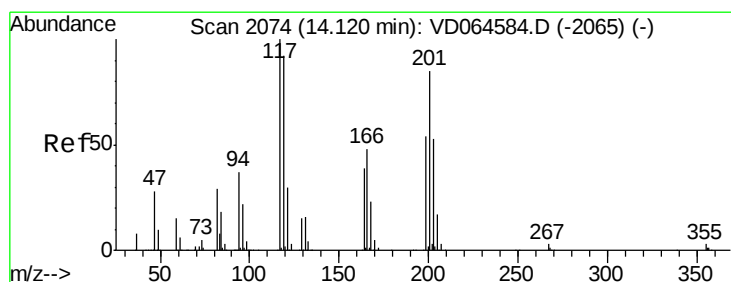
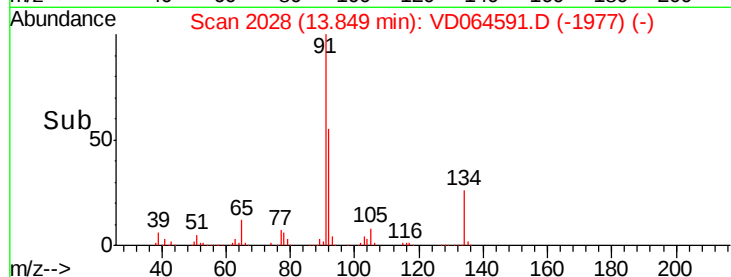
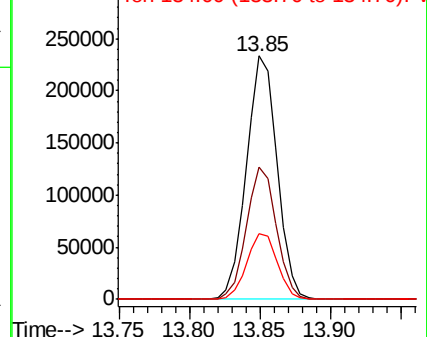


Abundance

Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 19.316 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.00 min

Lab File: VD064591.D

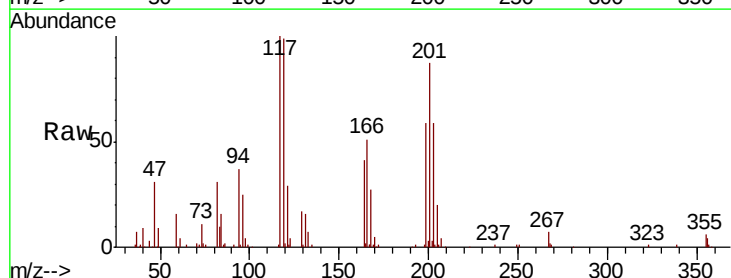
Acq: 26 Dec 2019 11:20

Tgt Ion: 117 Resp: 71620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 88.9  | 44.0  | 131.8 |

117 100

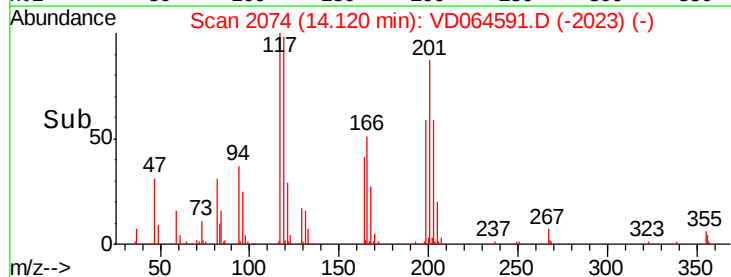
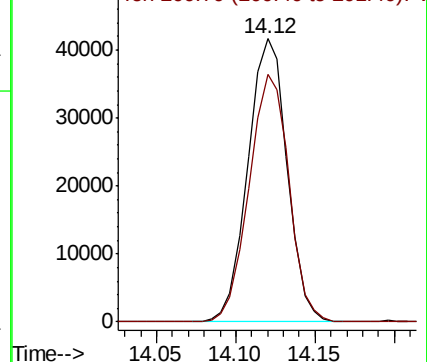
201 88.9 44.0 131.8

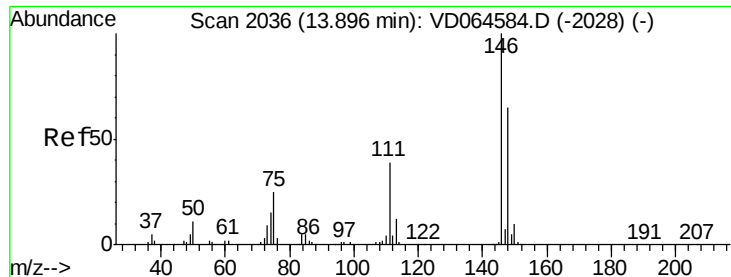


Abundance

Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC

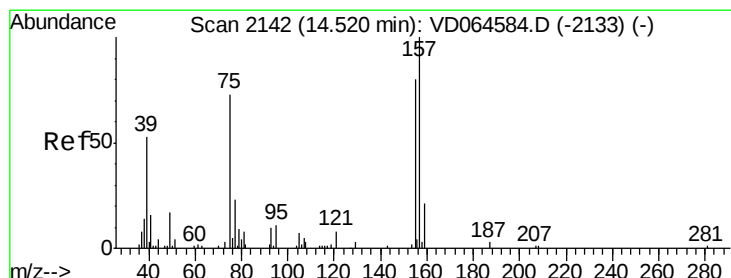
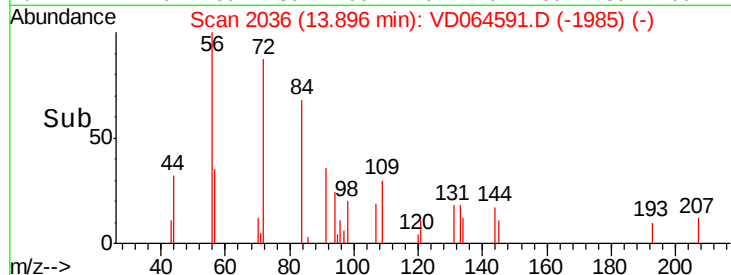
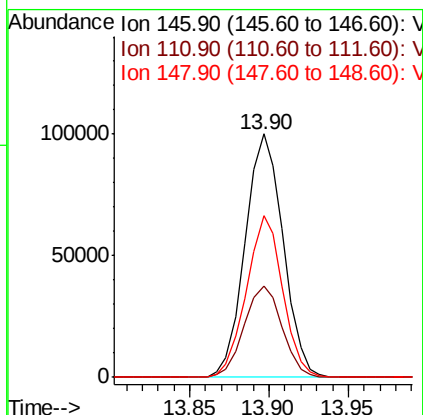
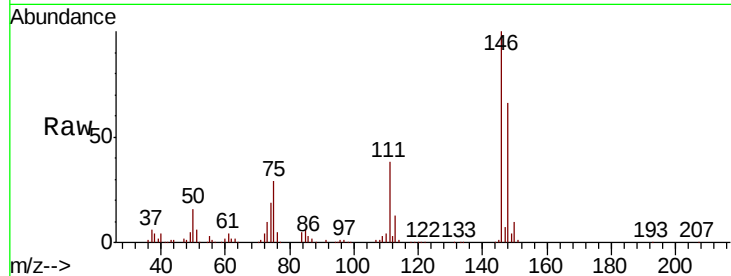




#91  
 1,2-Dichlorobenzene  
 Concen: 20.068 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

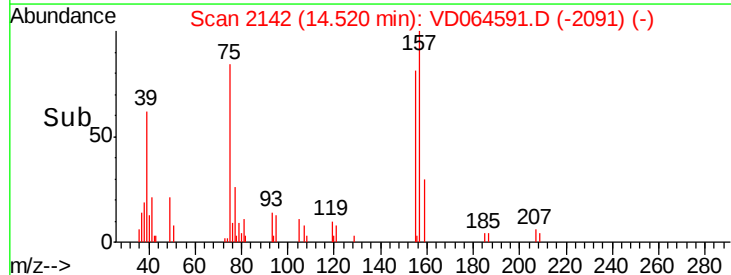
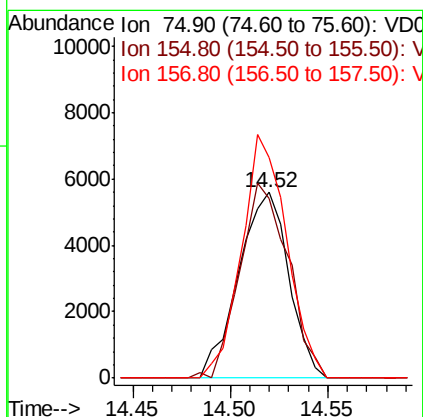
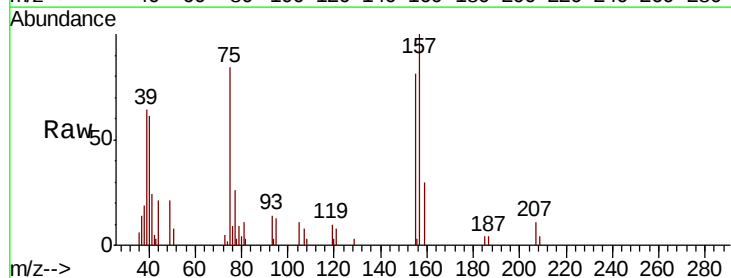
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

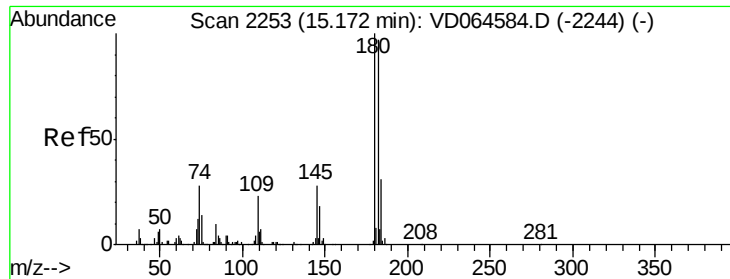
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 19.3  | 57.9  |
| 148     | 63.5  | 31.9  | 95.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.803 ug/l  
 RT: 14.52 min Scan# 2142  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 101.3 | 48.0  | 144.0 |
| 157     | 118.3 | 64.1  | 192.3 |

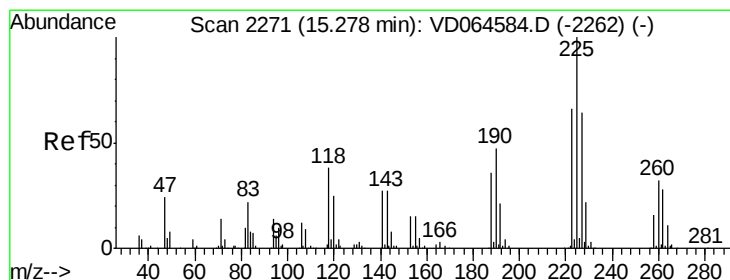
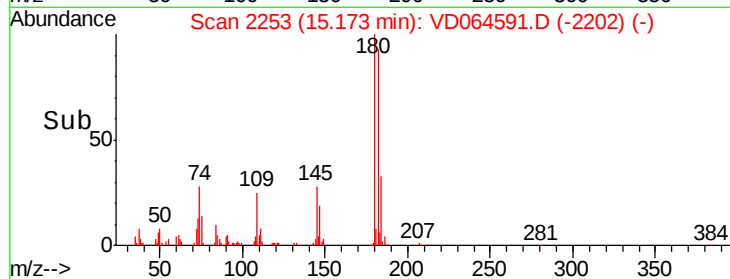
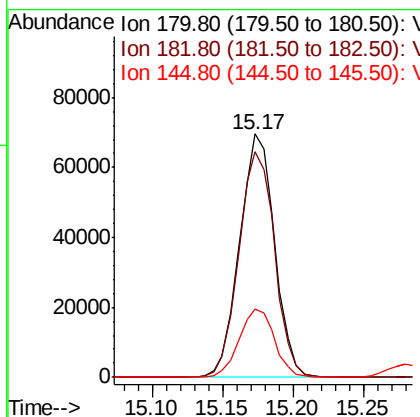
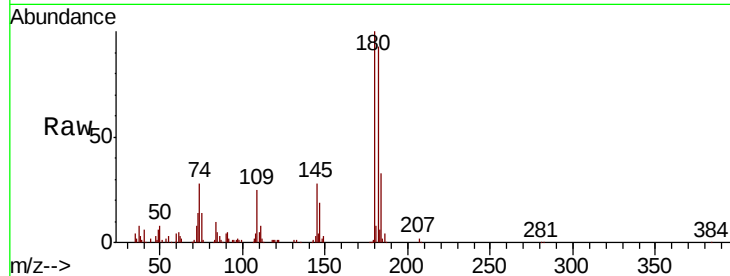




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.784 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.00 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

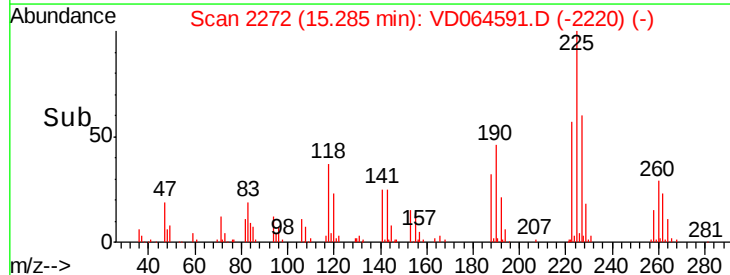
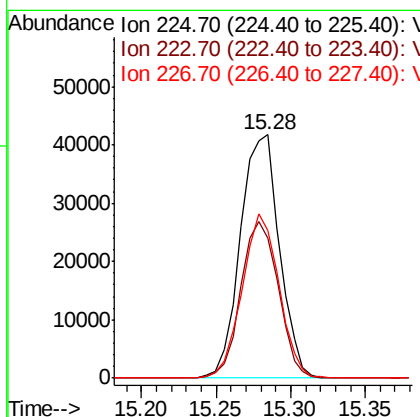
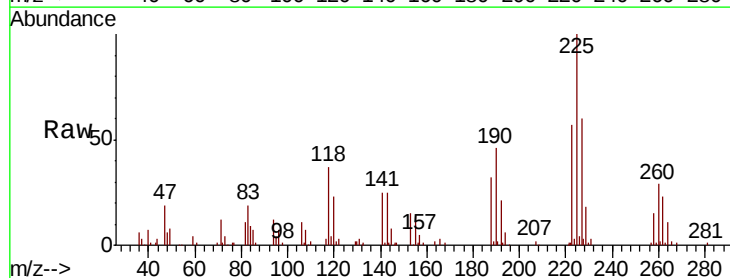
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 48.0  | 144.2 |
| 145     | 28.4  | 13.8  | 41.4  |



#94  
 Hexachlorobutadiene  
 Concen: 19.674 ug/l  
 RT: 15.28 min Scan# 2272  
 Delta R.T. 0.01 min  
 Lab File: VD064591.D  
 Acq: 26 Dec 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 31.1  | 93.2  |
| 227     | 63.9  | 30.9  | 92.7  |

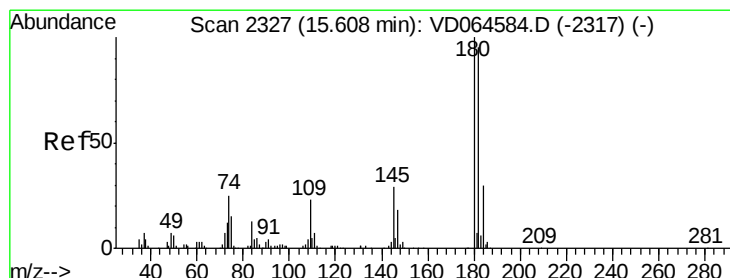
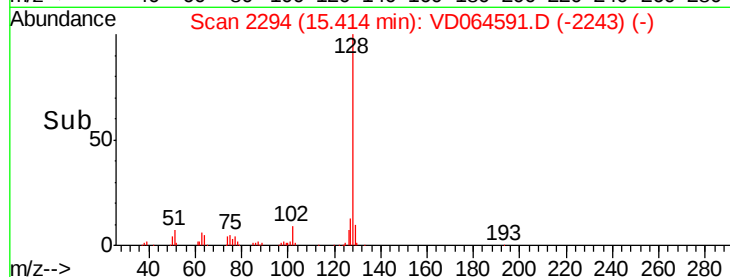
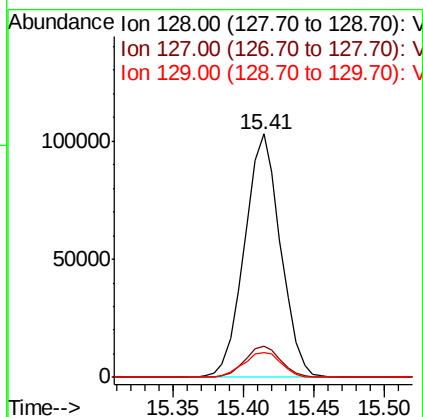
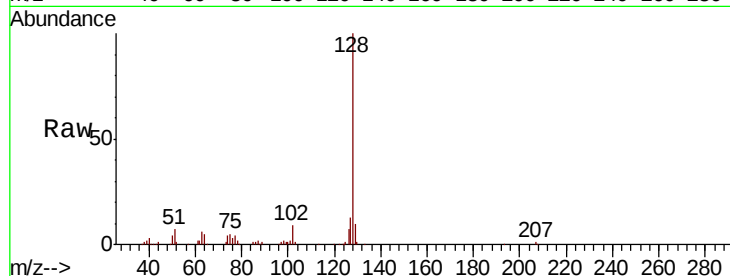




#95  
Naphthalene  
Concen: 19.030 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1226SBS01

Tot Ion:128 Resp: 183813  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 11.0 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 19.586 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: VD064591.D  
Acq: 26 Dec 2019 11:20

Tgt Ion:180 Resp: 102090  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.9 143.7  
145 29.2 14.9 44.7

