

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\  
 Data File : VD066953.D  
 Acq On : 29 Sep 2020 23:09  
 Operator : VA/SY  
 Sample : VW0929SBS02  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBS02

Quant Time: Sep 30 04:22:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 385013   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 641982   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 595830   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 284937   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 173919   | 46.15 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.30% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 190367   | 46.61 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.22% |      |
| 50) Toluene-d8            | 10.34  | 98  | 663913   | 47.71 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.42% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 231487   | 48.59 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.18% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 64330  | 20.533  | ug/l   | 88     |
| 3) Chloromethane              | 2.20 | 50  | 67512  | 19.085  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.34 | 62  | 63562  | 18.188  | ug/l   | 98     |
| 5) Bromomethane               | 2.76 | 94  | 48757  | 19.849  | ug/l   | 95     |
| 6) Chloroethane               | 2.92 | 64  | 40255  | 18.549  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 140564 | 19.584  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.71 | 74  | 39513  | 21.685  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 84831  | 20.383  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.30 | 142 | 74957  | 20.410  | ug/l   | 94     |
| 11) Tert butyl alcohol        | 5.22 | 59  | 31528  | 112.125 | ug/l # | 83     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 79674  | 21.133  | ug/l   | 98     |
| 13) Acrolein                  | 3.92 | 56  | 18509  | 66.582  | ug/l   | 99     |
| 14) Allyl chloride            | 4.71 | 41  | 109316 | 19.746  | ug/l   | 96     |
| 15) Acrylonitrile             | 5.43 | 53  | 84868  | 105.100 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43  | 63427  | 79.344  | ug/l   | 93     |
| 17) Carbon Disulfide          | 4.41 | 76  | 229484 | 19.910  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.72 | 43  | 46493  | 24.193  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73  | 173847 | 21.233  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.96 | 84  | 106115 | 21.248  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 93928  | 21.516  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.37 | 45  | 239320 | 21.025  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.30 | 43  | 542316 | 89.487  | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 158753 | 20.848  | ug/l   | 98     |
| 25) 2-Butanone                | 7.21 | 43  | 96286  | 100.229 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 126925 | 18.185  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 105578 | 22.259  | ug/l   | 95     |
| 28) Bromochloromethane        | 7.55 | 49  | 60019  | 19.078  | ug/l   | 91     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 65120  | 105.793 | ug/l   | 97     |
| 30) Chloroform                | 7.71 | 83  | 176456 | 21.497  | ug/l   | 90     |
| 31) Cyclohexane               | 7.99 | 56  | 127518 | 18.611  | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 151017 | 20.338  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 123113 | 19.330  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 45226  | 19.643  | ug/l # | 92     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 133666 | 19.196  | ug/l   | 95     |

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 Acq On : 29 Sep 2020 23:09  
 Operator : VA/SY  
 Sample : VW0929SBS02  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBS02

Quant Time: Sep 30 04:22:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 136650   | 18.687  | ug/l   | 97       |
| 40) Benzene                    | 8.35  | 78   | 360252   | 20.296  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.57  | 41   | 63177    | 44.619  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 104930   | 19.996  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 87802    | 19.780  | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 102318   | 20.223  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 90879    | 20.349  | ug/l   | 94       |
| 46) Dibromomethane             | 9.47  | 93   | 50891    | 20.973  | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.66  | 83   | 132522   | 20.331  | ug/l # | 99       |
| 48) Methyl methacrylate        | 9.46  | 41   | 42024    | 19.201  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 12529    | 392.248 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 227975   | 101.356 | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 239858   | 20.978  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 111297   | 20.061  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 135664   | 20.054  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 70193    | 21.043  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 74587    | 20.872  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 115627   | 20.992  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 203098   | 120.033 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 149470   | 98.540  | ug/l   | 94       |
| 60) Dibromochloromethane       | 11.14 | 129  | 92309    | 21.203  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 68211    | 21.985  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 92467    | 21.575  | ug/l   | 93       |
| 65) Chlorobenzene              | 11.67 | 112  | 260244   | 20.983  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 96228    | 20.500  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.74 | 91   | 437037   | 20.063  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.86 | 106  | 345651   | 41.911  | ug/l   | 97       |
| 69) o-Xylene                   | 12.18 | 106  | 154840   | 20.763  | ug/l   | 96       |
| 70) Styrene                    | 12.19 | 104  | 266940   | 20.612  | ug/l   | 98       |
| 71) Bromoform                  | 12.36 | 173  | 52389    | 22.043  | ug/l # | 94       |
| 73) Isopropylbenzene           | 12.48 | 105  | 425133   | 20.654  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 74422    | 18.514  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 73697    | 20.749  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 92860    | 39.325  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 101415   | 21.066  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.82 | 91   | 497216   | 20.079  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 282700   | 20.033  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 358119   | 20.504  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 22044    | 23.356  | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 307483   | 20.671  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 290240   | 20.223  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 358428   | 20.696  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 409351   | 19.835  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 373344   | 20.069  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 195639   | 20.570  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 194788   | 20.620  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.85 | 91   | 340478   | 19.256  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.11 | 117  | 72763    | 19.266  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 173856   | 21.366  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 11714    | 20.502  | ug/l   | 93       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\  
Data File : VD066953.D  
Acq On : 29 Sep 2020 23:09  
Operator : VA/SY  
Sample : VW0929SBSD02  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 31 Sample Multiplier: 1

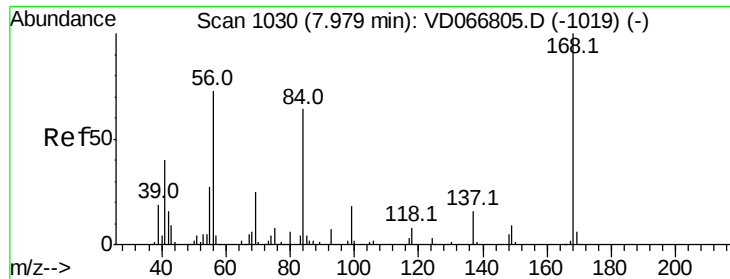
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

Quant Time: Sep 30 04:22:48 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 23 01:34:05 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 105963   | 20.686 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 61314    | 19.975 | ug/l  | 96       |
| 95) Naphthalene            | 15.41 | 128  | 179470   | 20.637 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 92921    | 21.017 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

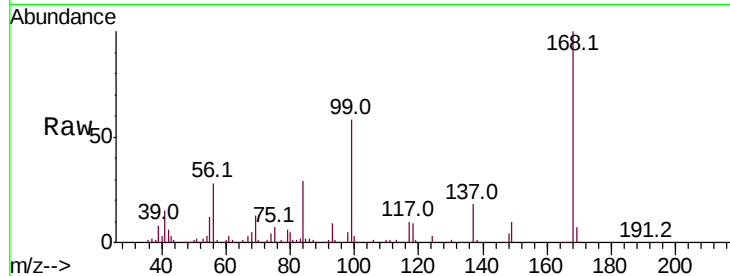
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

Tot Ion:168 Resp: 385013

Ion Ratio Lower Upper

168 100

99 57.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

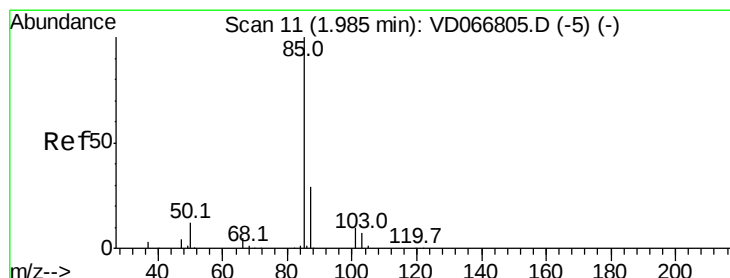
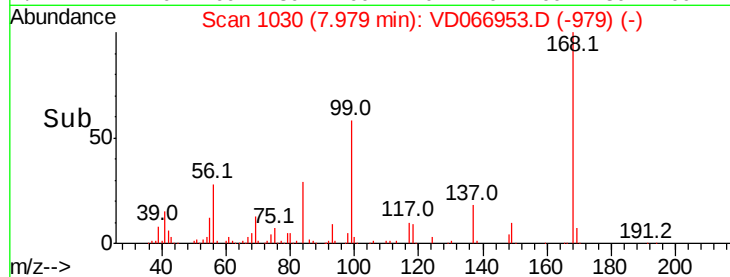
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.533 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066953.D

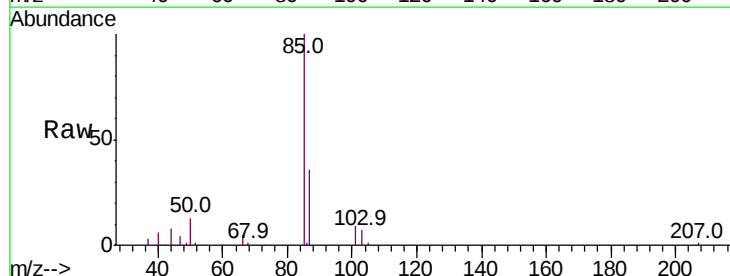
Acq: 29 Sep 2020 23:09

Tgt Ion: 85 Resp: 64330

Ion Ratio Lower Upper

85 100

87 35.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

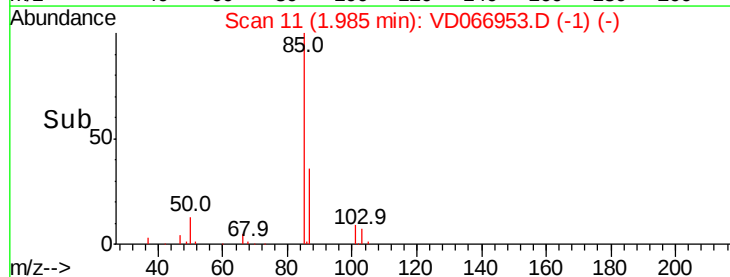
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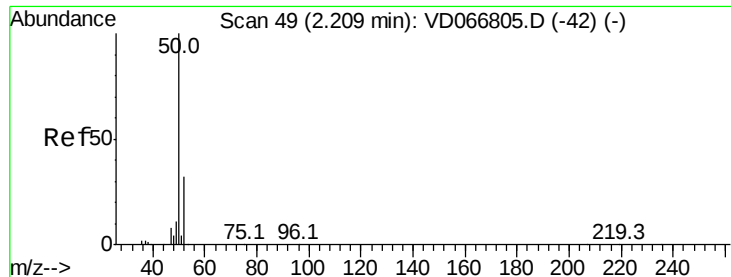
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.085 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

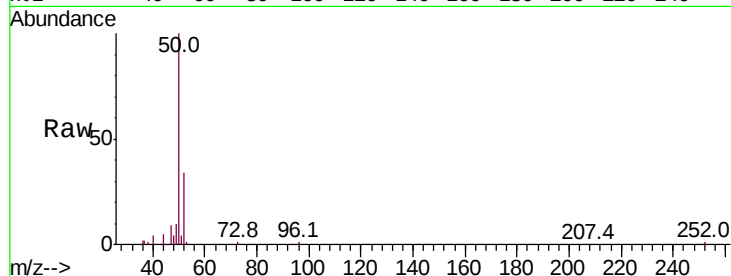
VW0929SBSD02

Tot Ion: 50 Resp: 67512

Ion Ratio Lower Upper

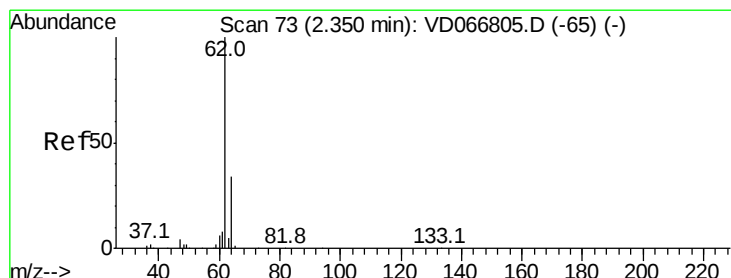
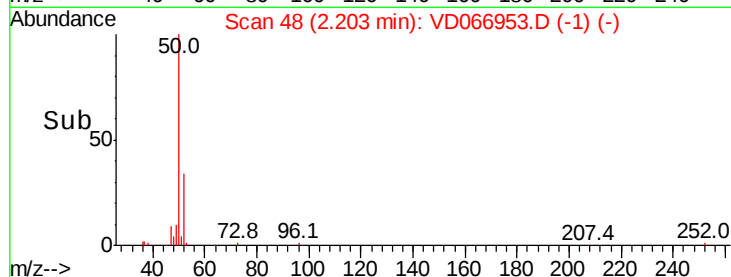
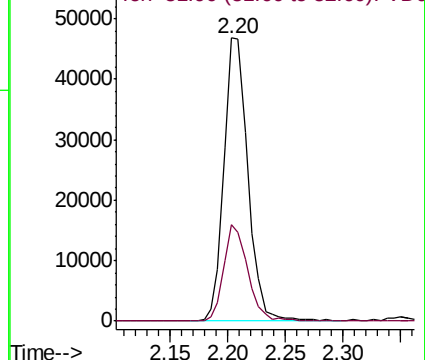
50 100

52 34.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 18.188 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066953.D

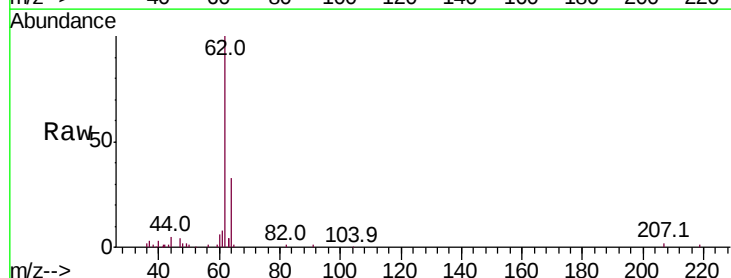
Acq: 29 Sep 2020 23:09

Tgt Ion: 62 Resp: 63562

Ion Ratio Lower Upper

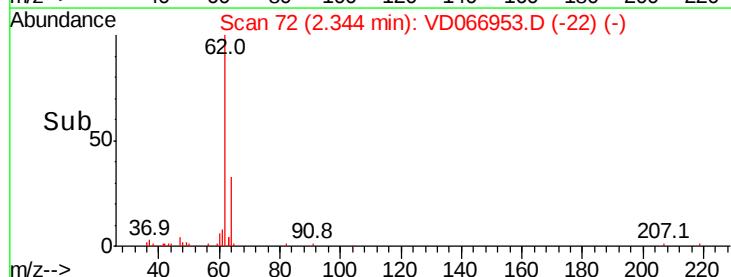
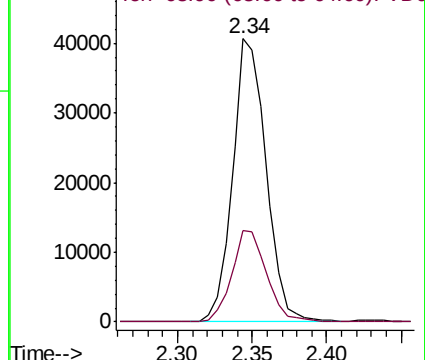
62 100

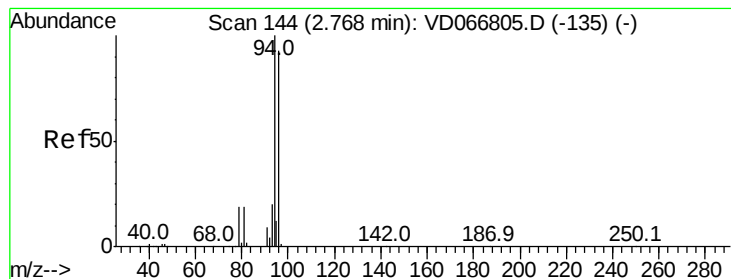
64 32.5 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.849 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

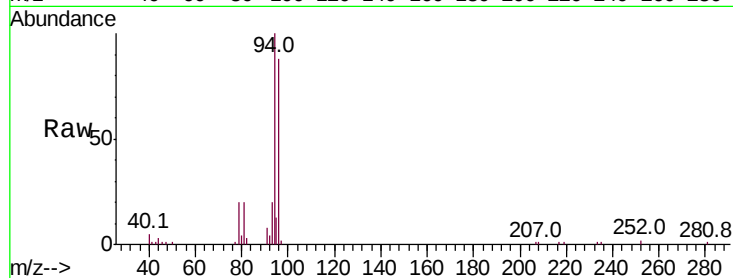
VW0929SBSD02

Tot Ion: 94 Resp: 48757

Ion Ratio Lower Upper

94 100

96 88.1 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

20000

15000

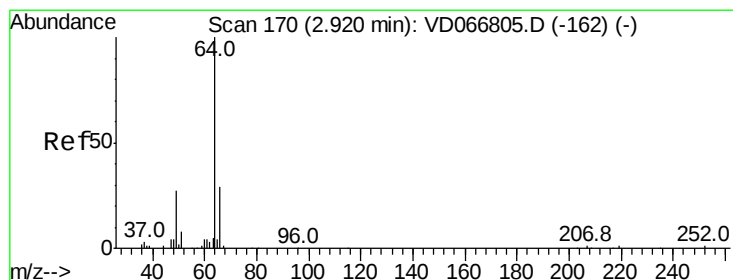
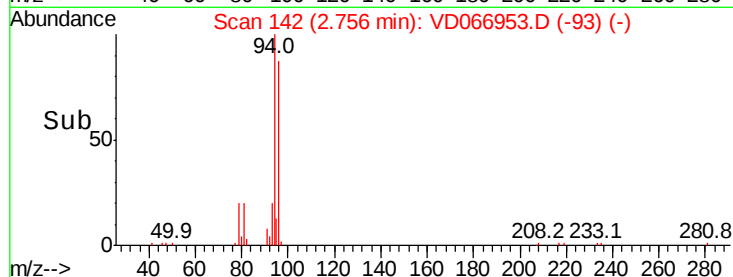
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 18.549 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066953.D

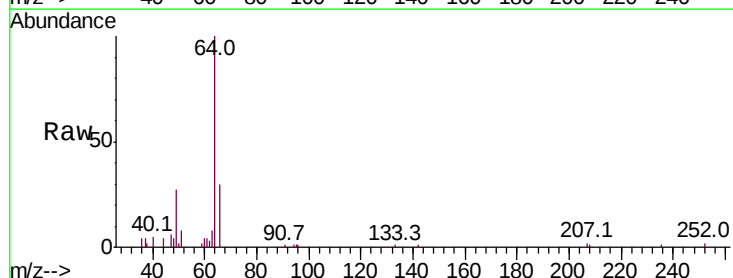
Acq: 29 Sep 2020 23:09

Tgt Ion: 64 Resp: 40255

Ion Ratio Lower Upper

64 100

66 29.6 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

20000

15000

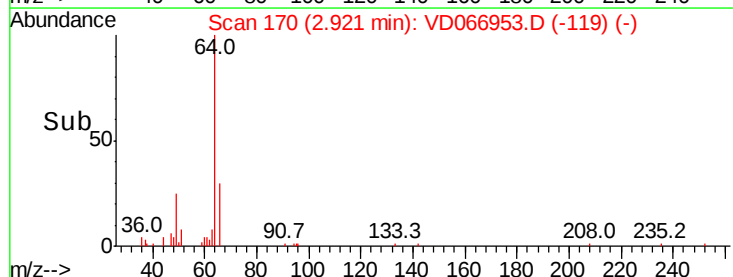
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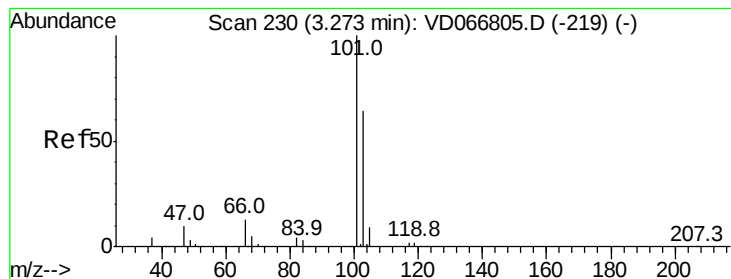
5000

0

2.85 2.90 2.95 3.00

Time-->





#7

Trichlorofluoromethane

Concen: 19.584 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

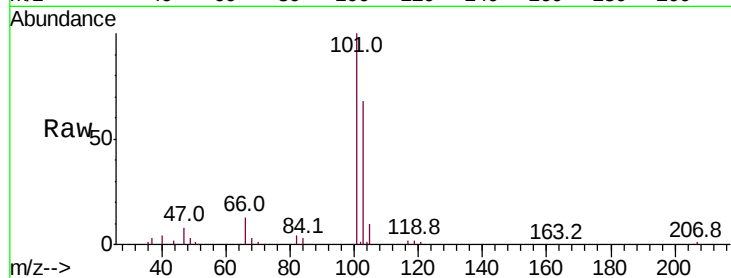
VW0929SBSD02

Tot Ion:101 Resp: 140564

Ion Ratio Lower Upper

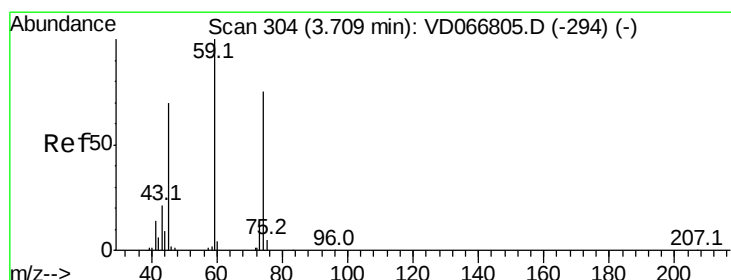
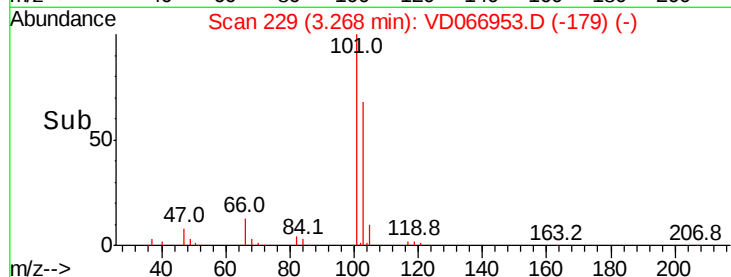
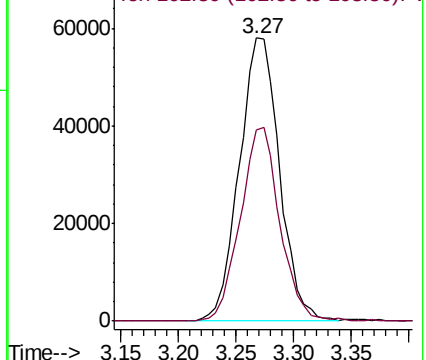
101 100

103 67.7 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.685 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD066953.D

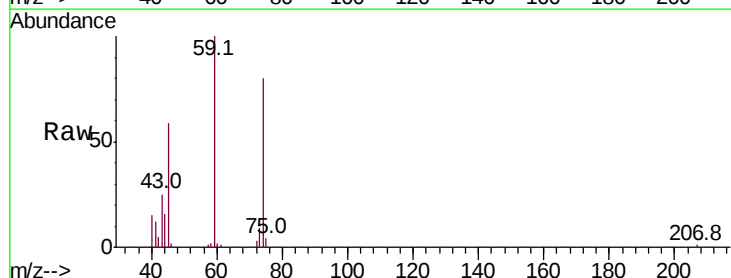
Acq: 29 Sep 2020 23:09

Tgt Ion: 74 Resp: 39513

Ion Ratio Lower Upper

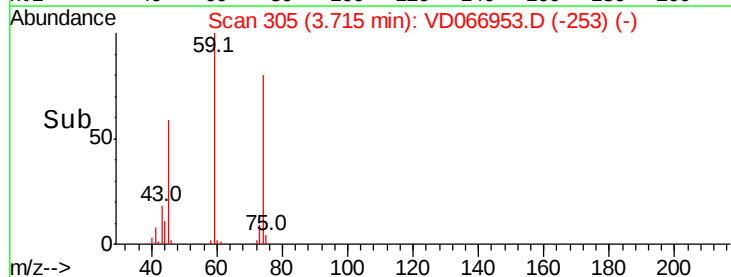
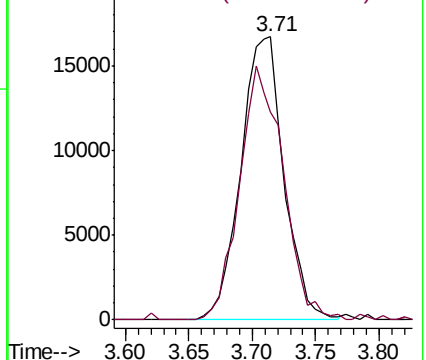
74 100

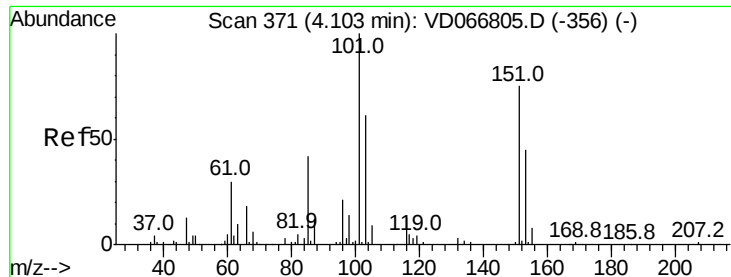
45 90.7 46.0 138.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.383 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

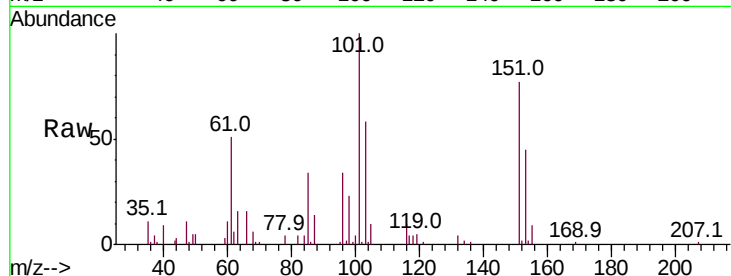
Tot Ion:101 Resp: 84831

Ion Ratio Lower Upper

101 100

85 41.7 35.4 53.2

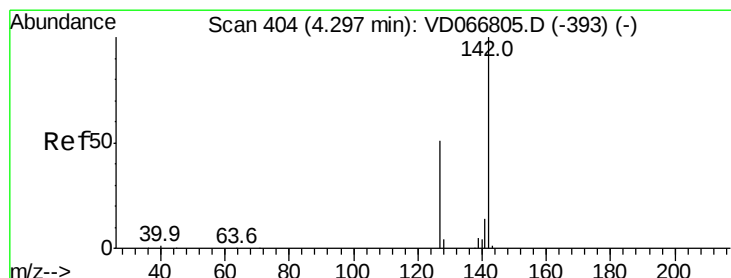
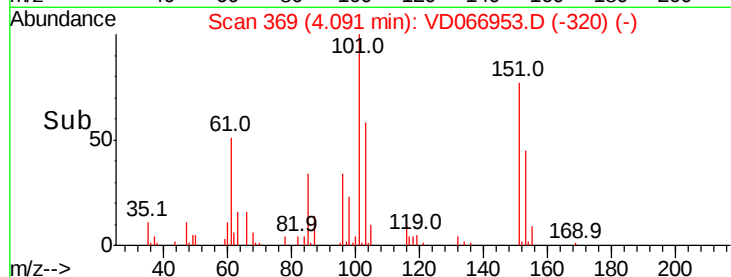
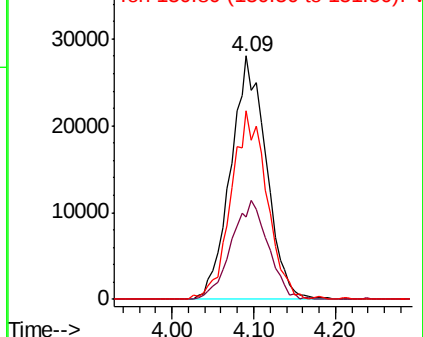
151 77.3 61.4 92.0



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: 20.410 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

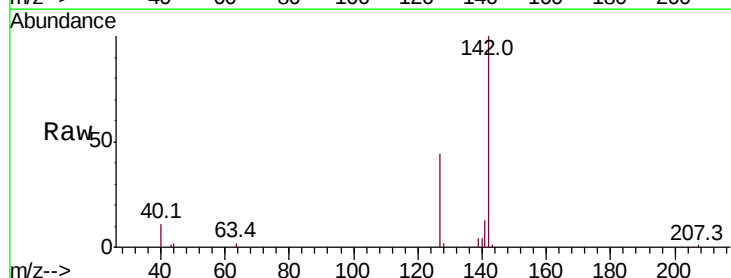
Tgt Ion:142 Resp: 74957

Ion Ratio Lower Upper

142 100

127 43.5 39.4 59.0

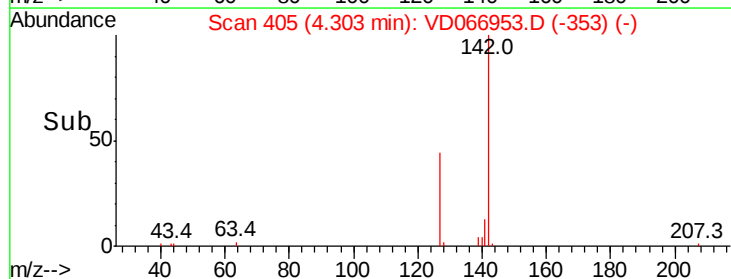
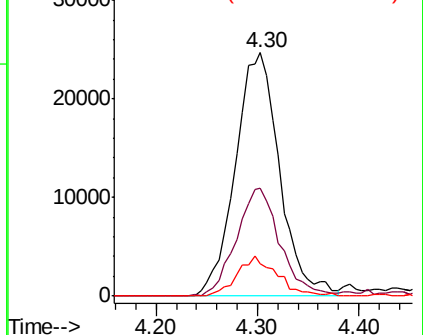
141 15.0 12.1 18.1

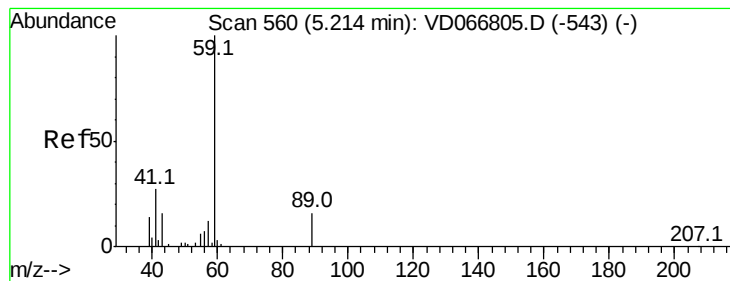


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



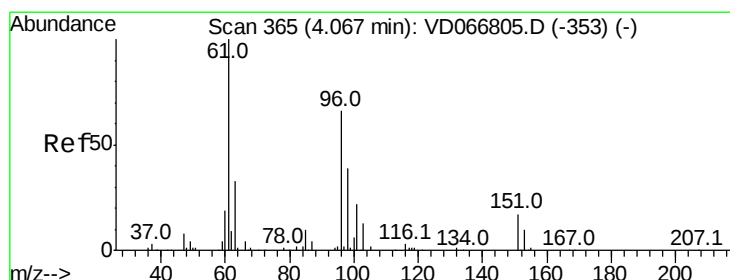
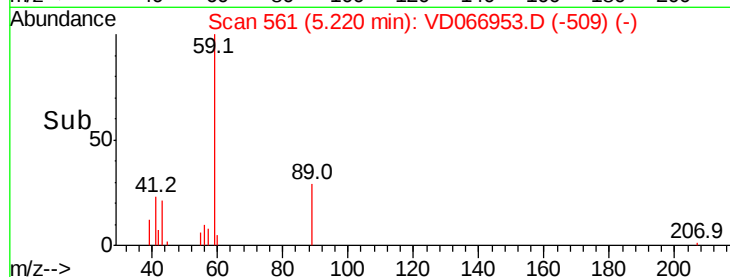
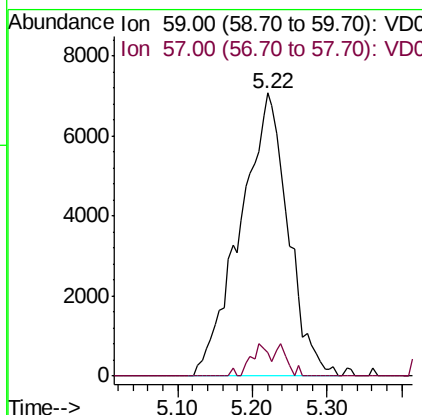
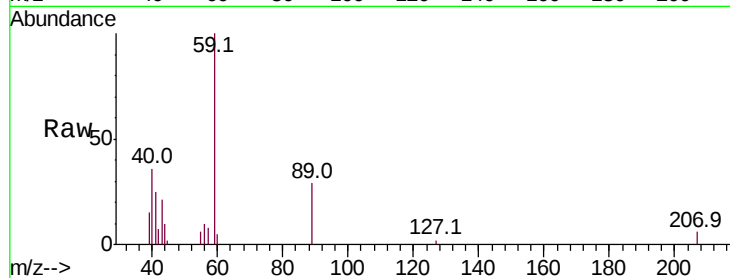


#11

Tert butyl alcohol  
 Concen: 112.125 ug/l  
 RT: 5.22 min Scan# 561  
 Delta R.T. 0.01 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBS02

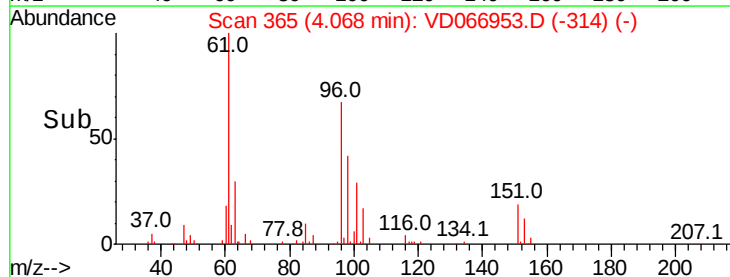
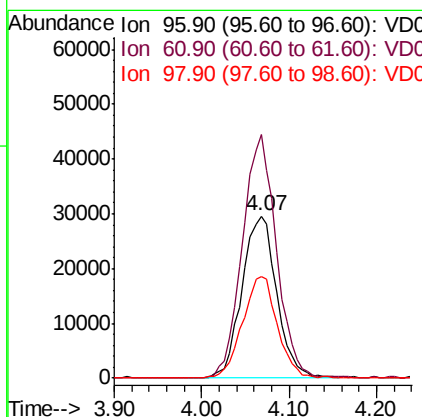
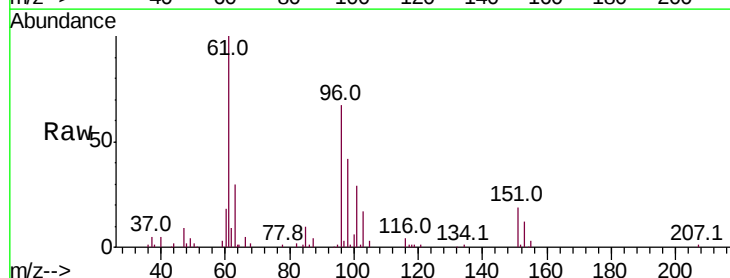
Tot Ion: 59 Resp: 31528  
 Ion Ratio Lower Upper  
 59 100  
 57 4.1 8.3 12.5#

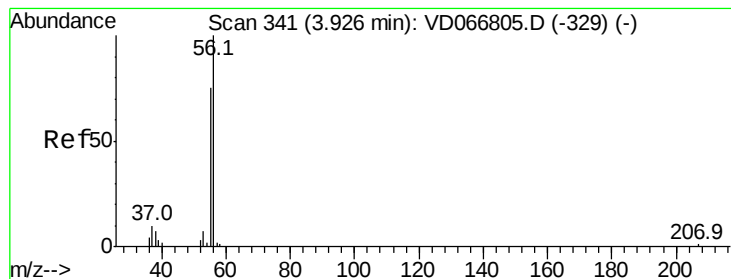


#12

1,1-Dichloroethene  
 Concen: 21.133 ug/l  
 RT: 4.07 min Scan# 365  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Tgt Ion: 96 Resp: 79674  
 Ion Ratio Lower Upper  
 96 100  
 61 150.0 120.8 181.2  
 98 62.8 47.7 71.5





#13

Acrolein

Concen: 66.582 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

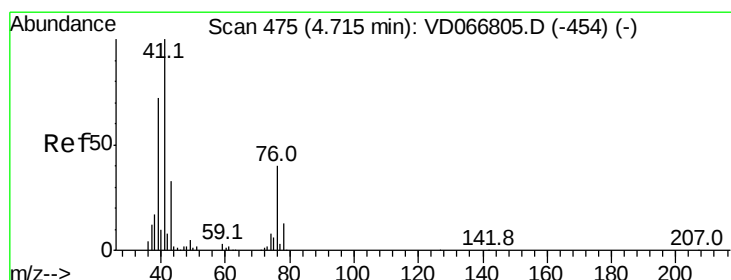
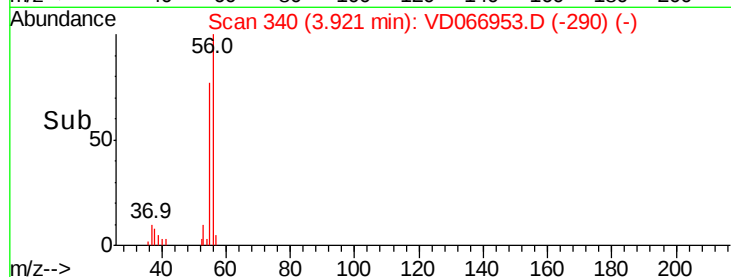
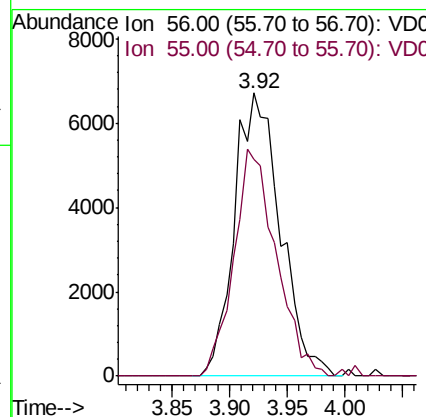
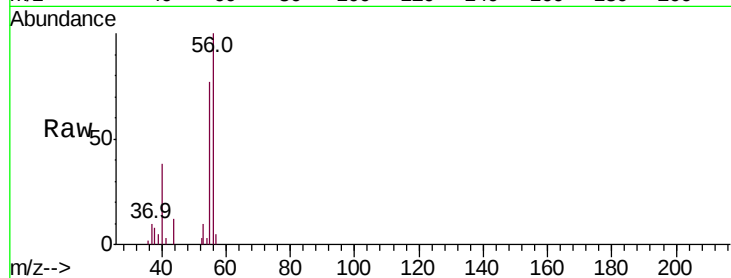
VW0929SBSD02

Tot Ion: 56 Resp: 18509

Ion Ratio Lower Upper

56 100

55 74.1 60.3 90.5



#14

Allyl chloride

Concen: 19.746 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

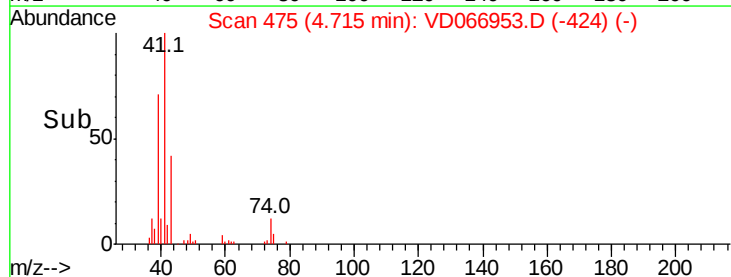
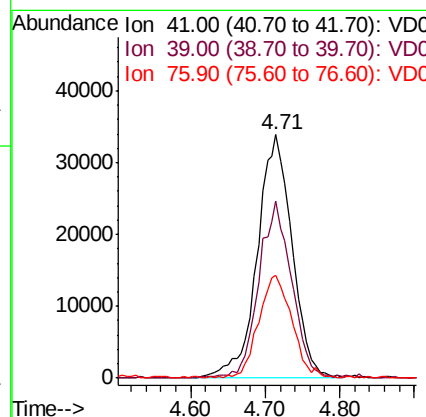
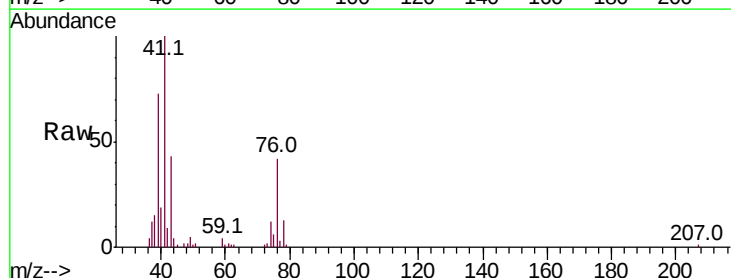
Tgt Ion: 41 Resp: 109316

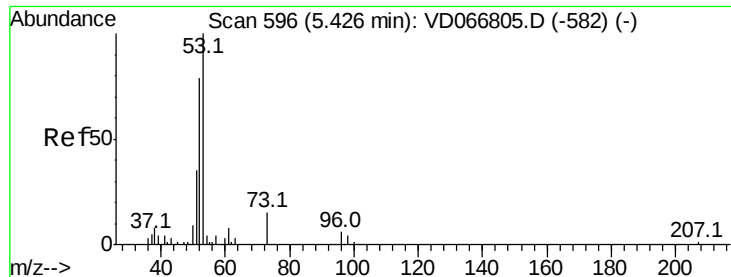
Ion Ratio Lower Upper

41 100

39 68.7 57.8 86.8

76 40.6 30.9 46.3





#15

Acrylonitrile

Concen: 105.100 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

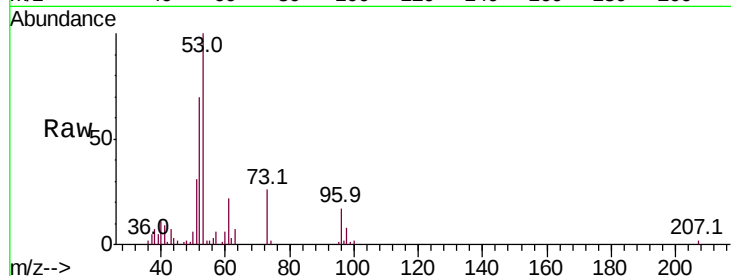
Tot Ion: 53 Resp: 84868

Ion Ratio Lower Upper

53 100

52 80.9 65.2 97.8

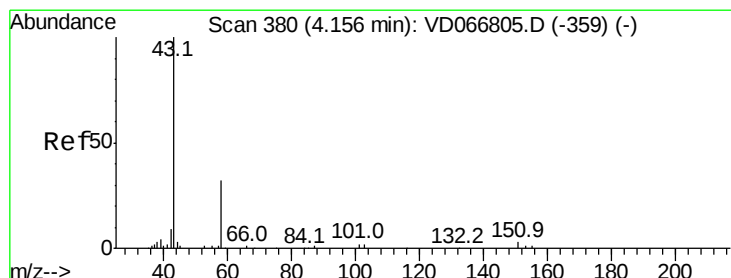
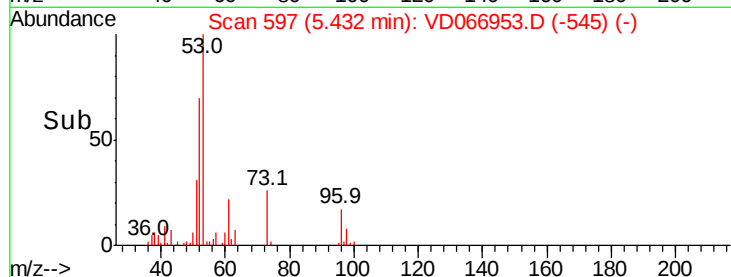
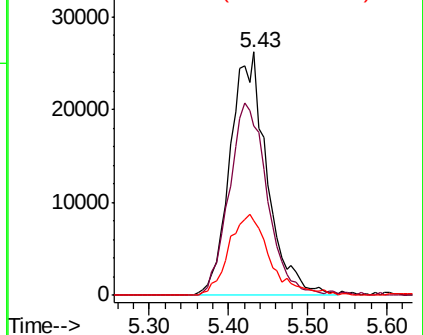
51 37.0 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 79.344 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066953.D

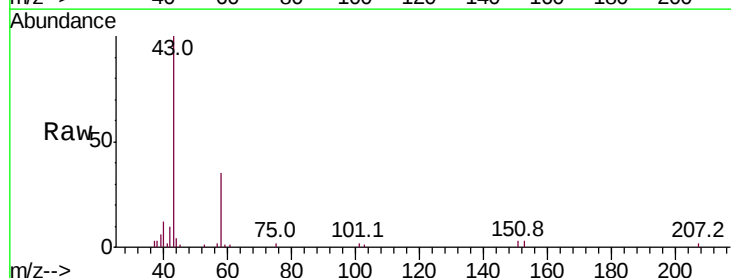
Acq: 29 Sep 2020 23:09

Tgt Ion: 43 Resp: 63427

Ion Ratio Lower Upper

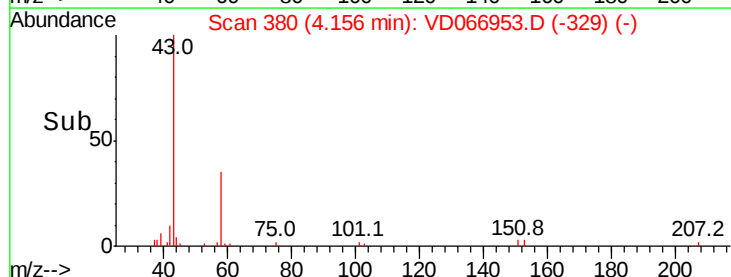
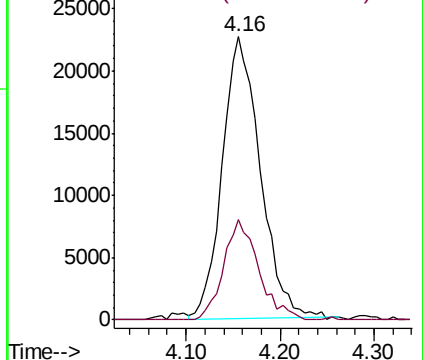
43 100

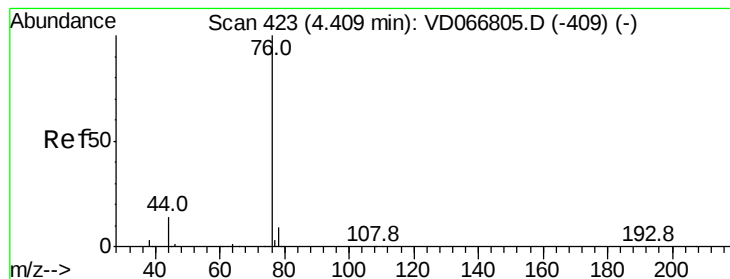
58 35.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.910 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

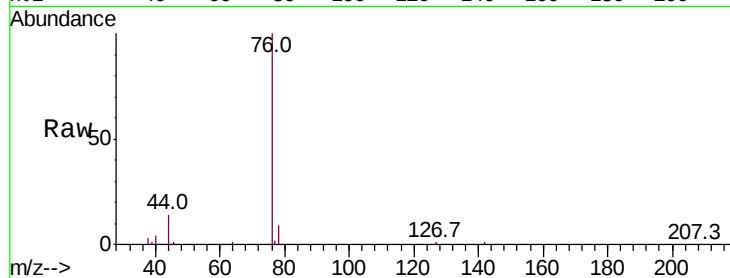
VW0929SBSD02

Tot Ion: 76 Resp: 229484

Ion Ratio Lower Upper

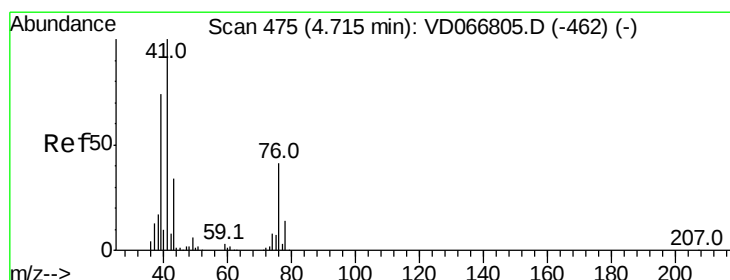
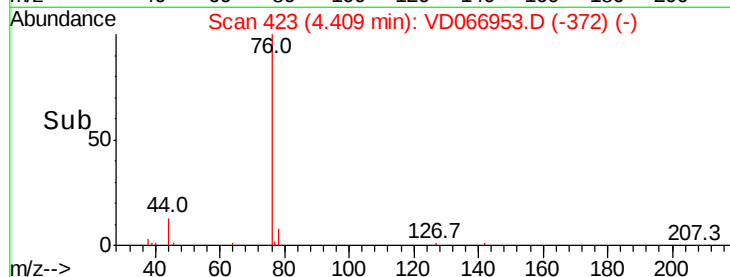
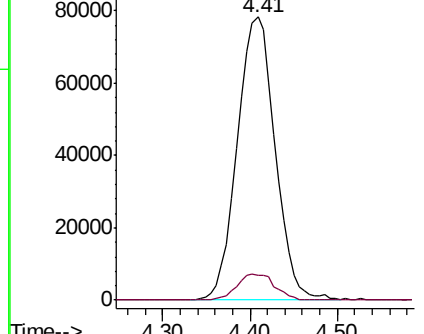
76 100

78 8.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.193 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066953.D

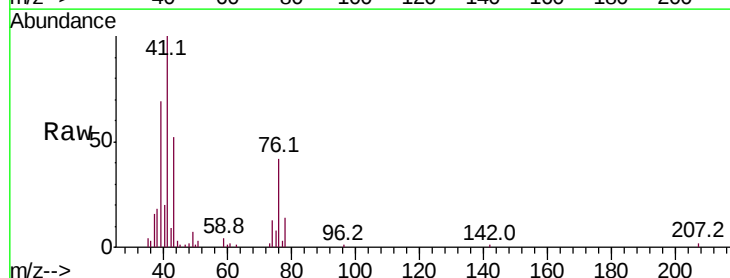
Acq: 29 Sep 2020 23:09

Tgt Ion: 43 Resp: 46493

Ion Ratio Lower Upper

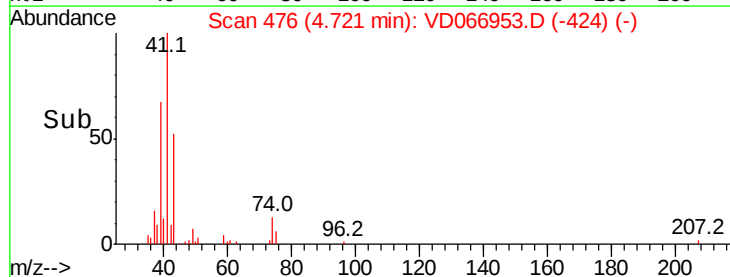
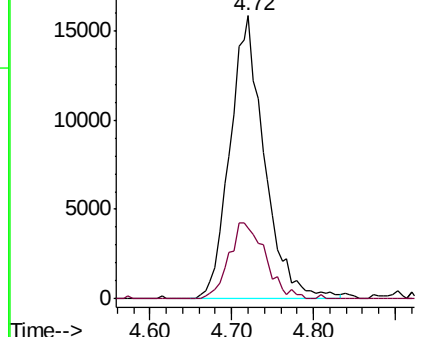
43 100

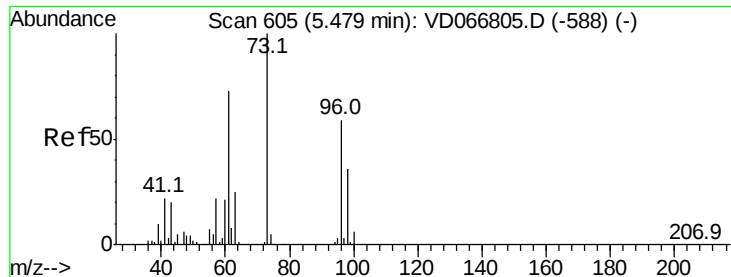
74 28.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

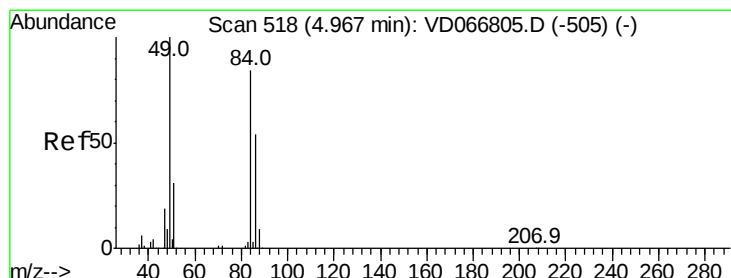
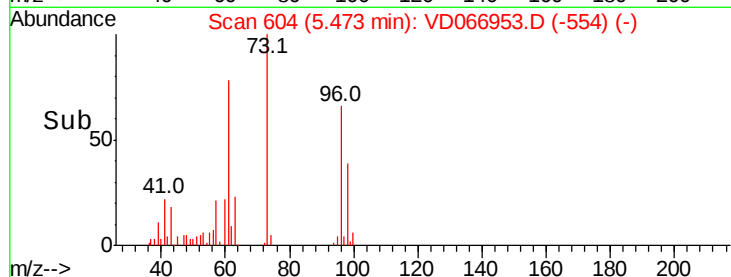
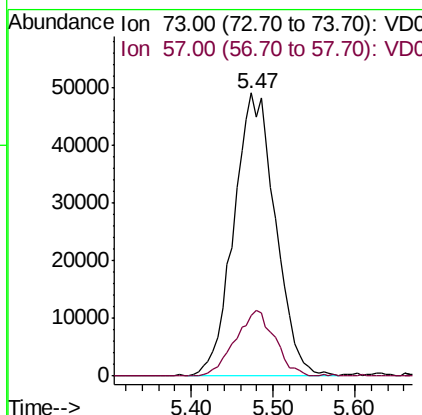
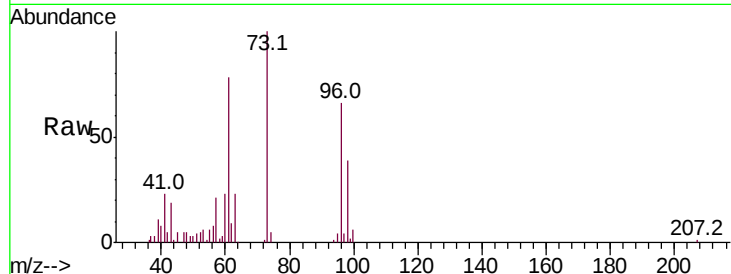




#19  
Methvl tert-butvl Ether  
Concen: 21.233 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

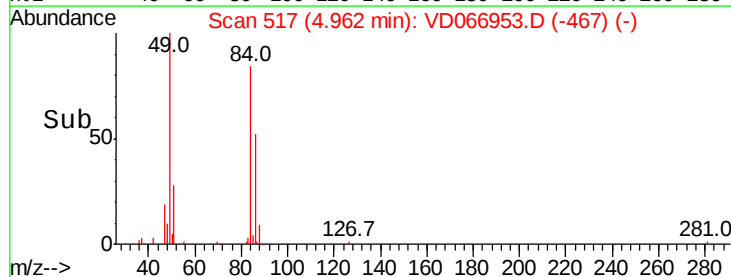
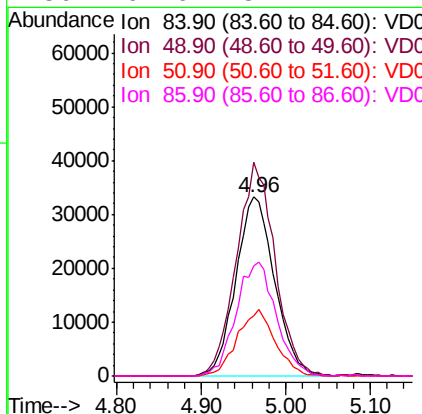
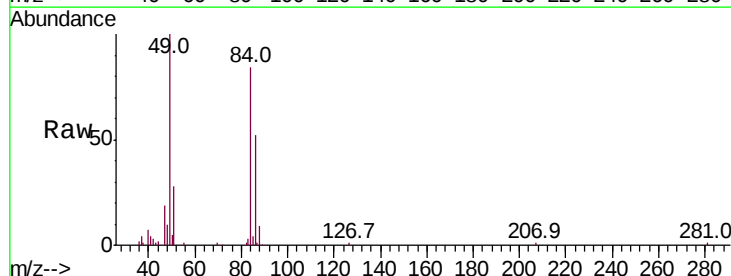
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

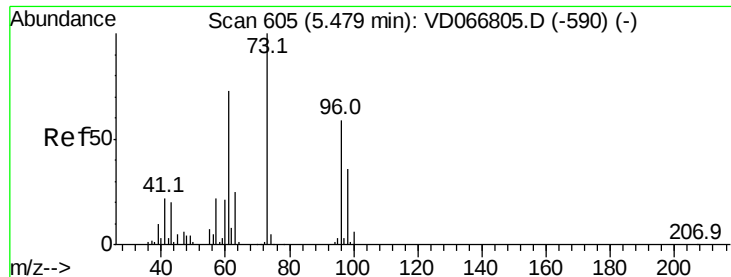
Tot Ion: 73 Resp: 173847  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.4 26.2



#20  
Methylene Chloride  
Concen: 21.248 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion: 84 Resp: 106115  
Ion Ratio Lower Upper  
84 100  
49 119.5 95.4 143.2  
51 33.7 29.7 44.5  
86 61.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 21.516 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

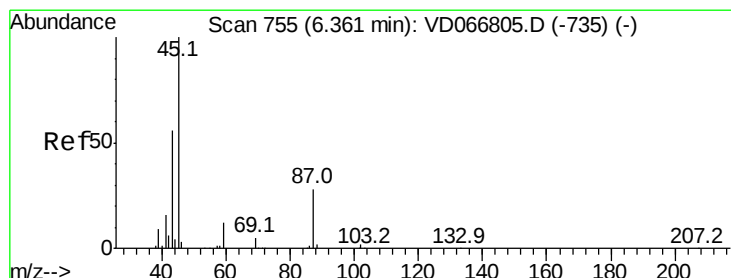
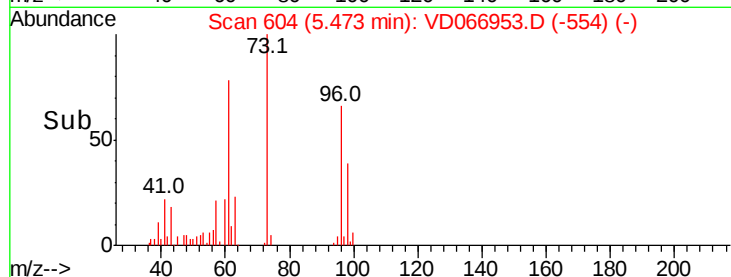
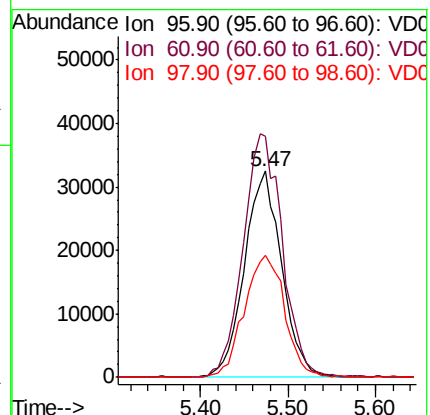
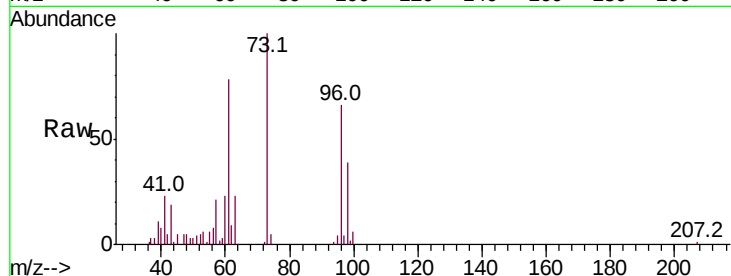
Tot Ion: 96 Resp: 93928

Ion Ratio Lower Upper

96 100

61 117.2 98.9 148.3

98 59.3 48.4 72.6



#22

Diisopropyl ether

Concen: 21.025 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion: 45 Resp: 239320

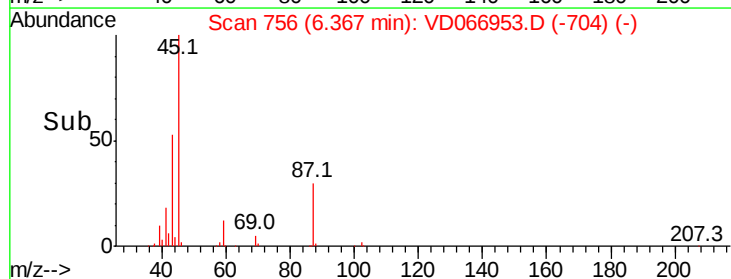
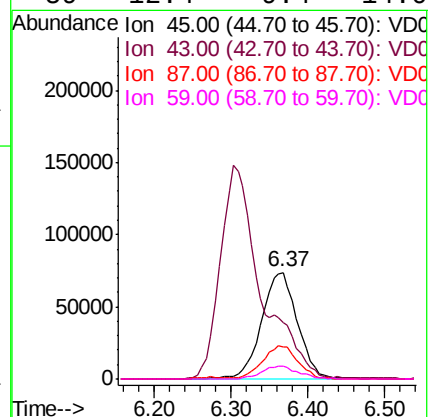
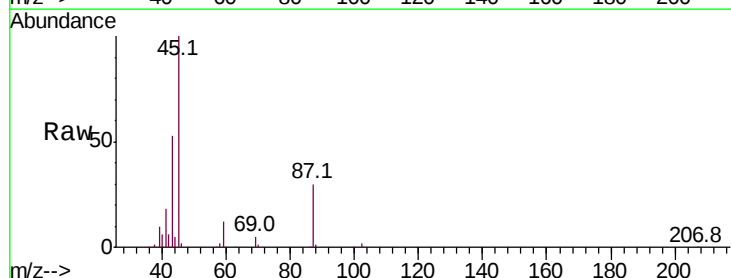
Ion Ratio Lower Upper

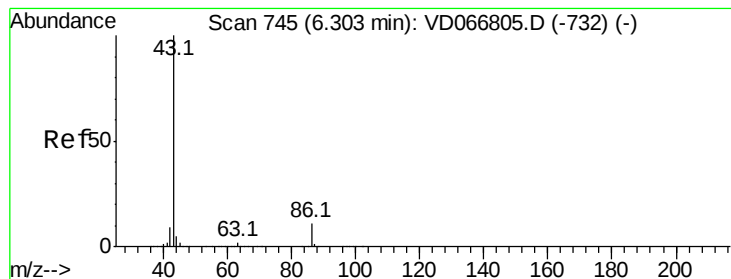
45 100

43 51.4 44.5 66.7

87 29.5 22.9 34.3

59 12.4 9.4 14.0





#23

Vinyl Acetate

Concen: 89.487 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleID :

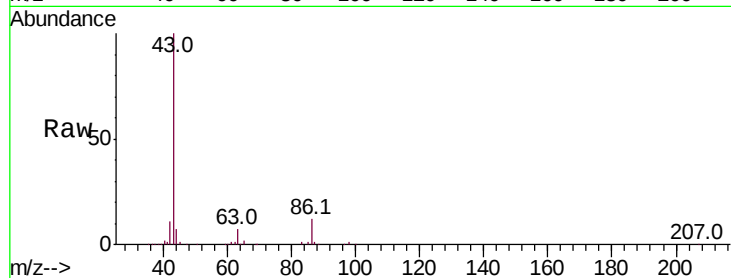
VW0929SBSD02

Tot Ion: 43 Resp: 542316

Ion Ratio Lower Upper

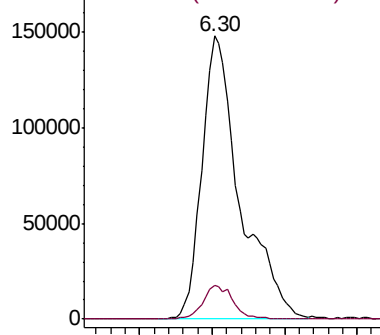
43 100

86 11.9 8.9 13.3

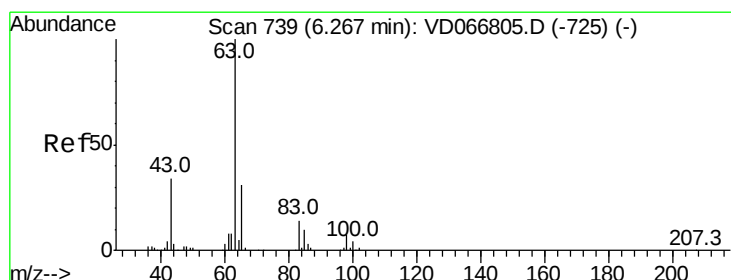
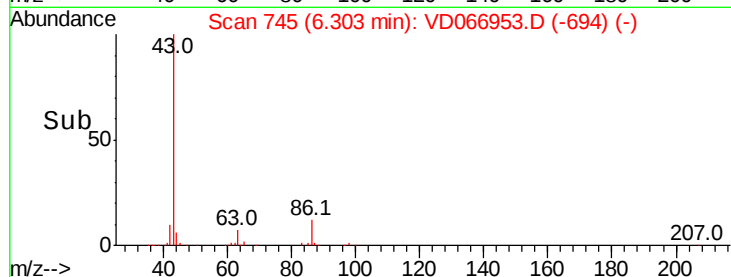


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 20.848 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

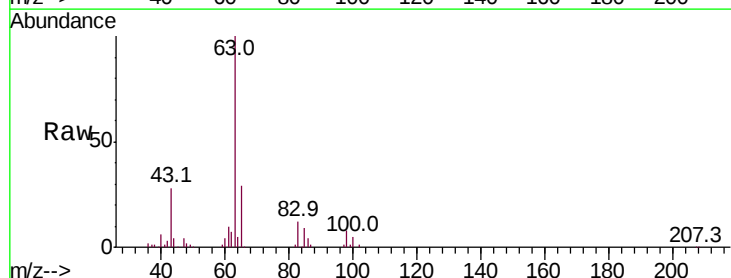
Tgt Ion: 63 Resp: 158753

Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

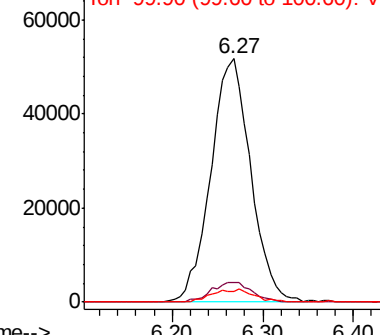
100 4.6 1.8 5.5



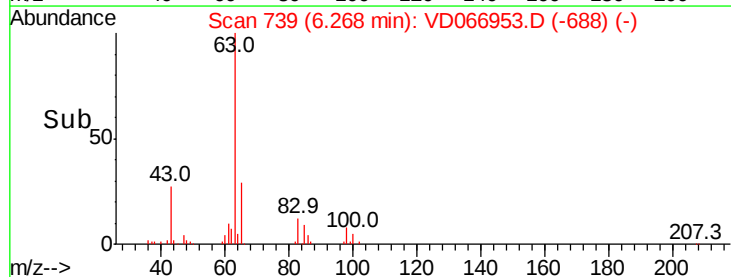
Abundance Ion 62.90 (62.60 to 63.60): VDC

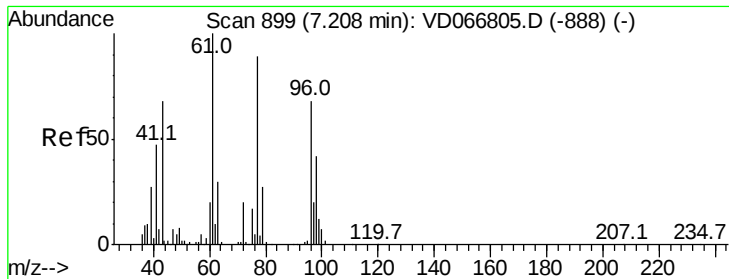
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->

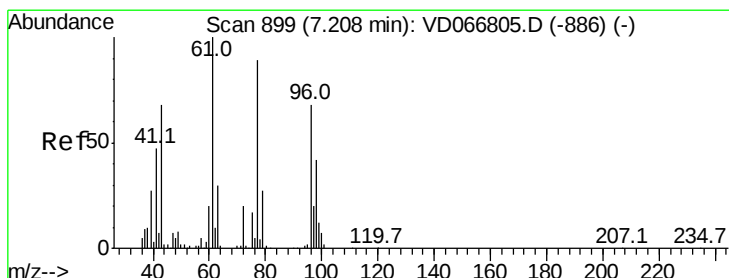
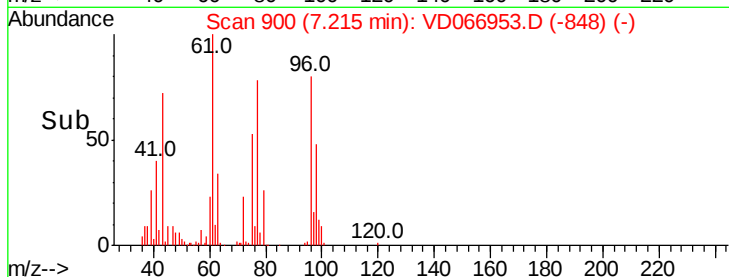
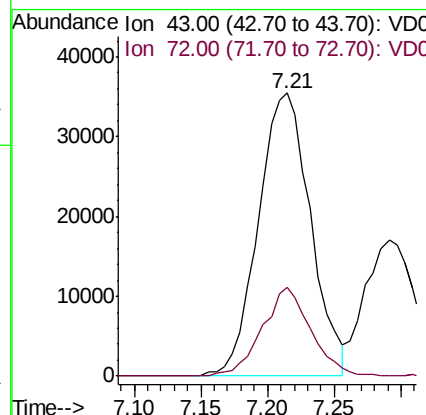
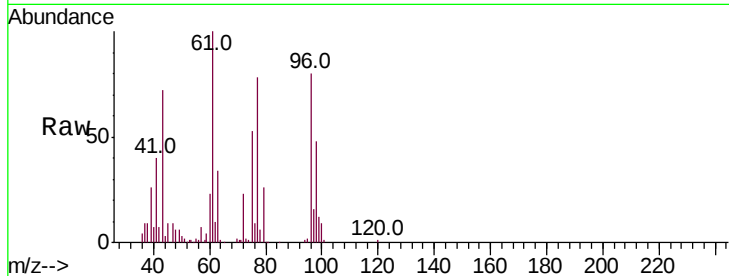




#25  
2-Butanone  
Concen: 100.229 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.01 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

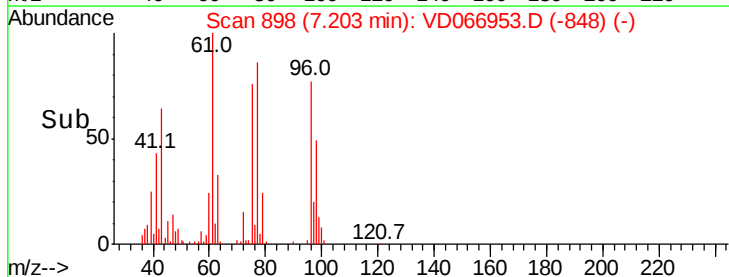
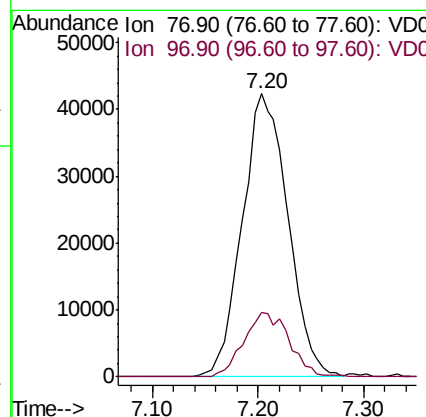
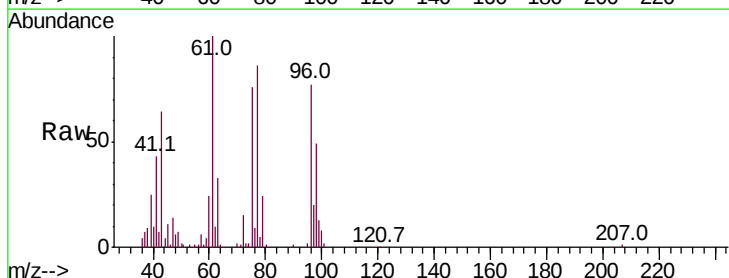
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBS02

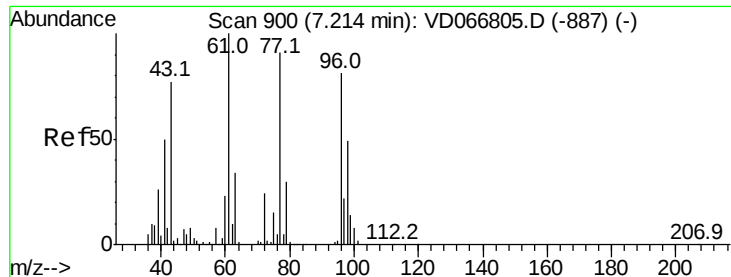
Tot Ion: 43 Resp: 96286  
Ion Ratio Lower Upper  
43 100  
72 31.4 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 18.185 ug/l  
RT: 7.20 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion: 77 Resp: 126925  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.7 35.1

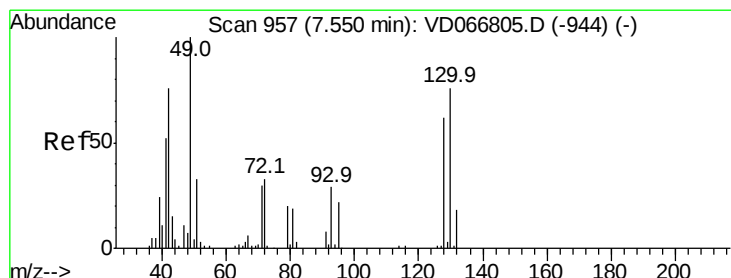
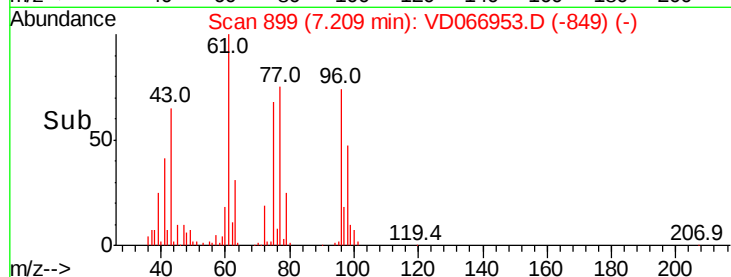
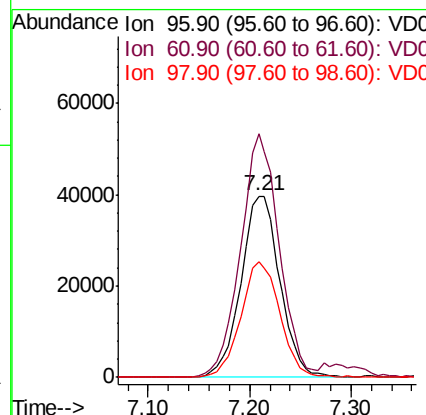
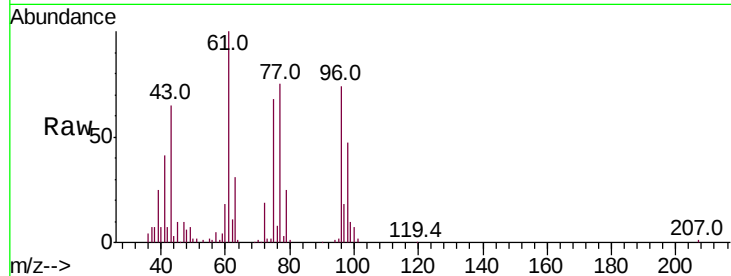




#27  
 cis-1,2-Dichloroethene  
 Concen: 22.259 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

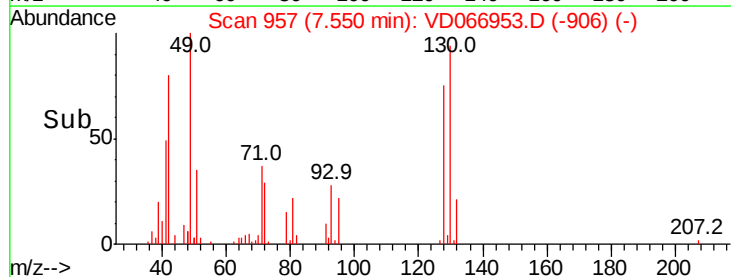
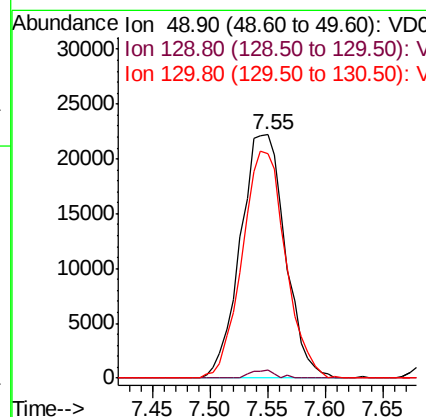
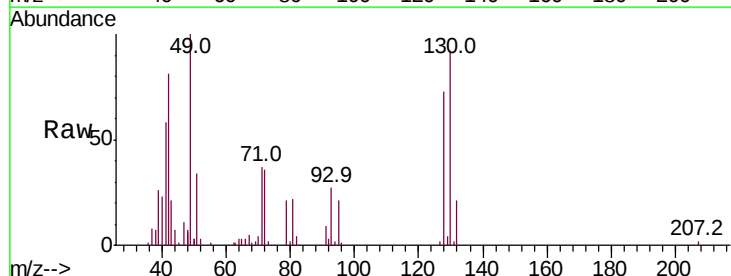
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBSD02

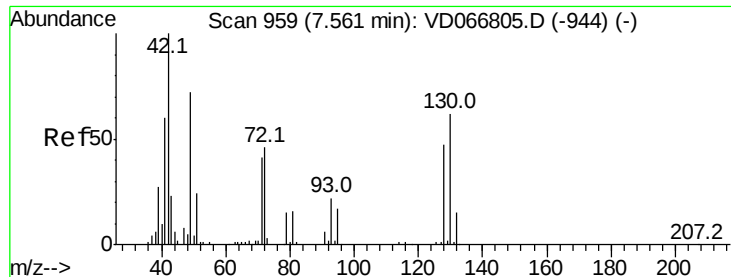
Tot Ion: 96 Resp: 105578  
 Ion Ratio Lower Upper  
 96 100  
 61 133.2 0.0 283.8  
 98 63.6 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 19.078 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Tgt Ion: 49 Resp: 60019  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 2.0  
 130 90.3 65.9 98.9





#29

Tetrahydrofuran

Concen: 105.793 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBS02

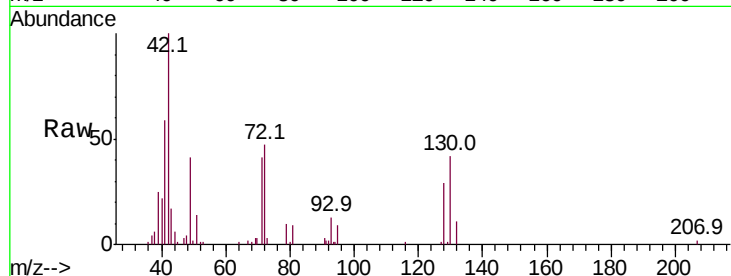
Tot Ion: 42 Resp: 65120

Ion Ratio Lower Upper

42 100

72 45.3 36.2 54.4

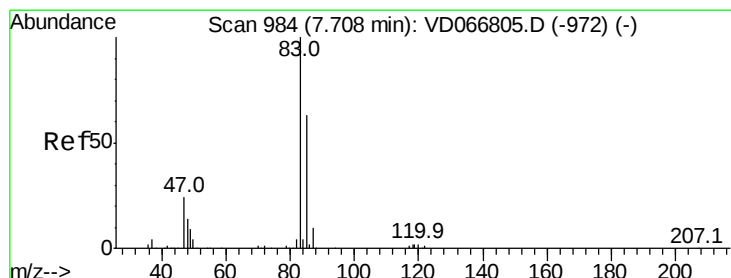
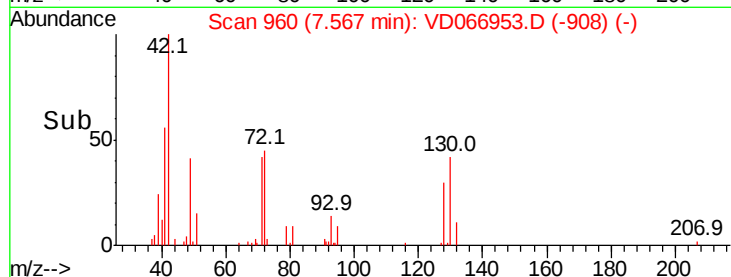
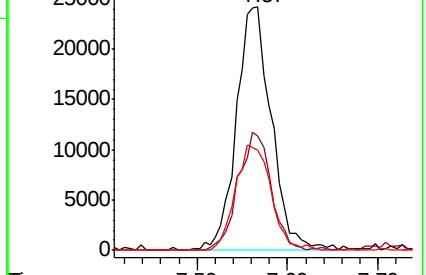
71 44.0 32.4 48.6



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: 21.497 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066953.D

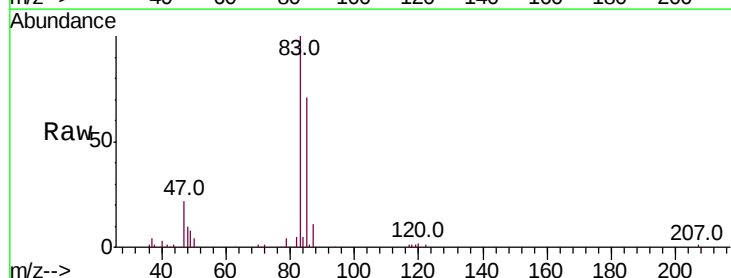
Acq: 29 Sep 2020 23:09

Tgt Ion: 83 Resp: 176456

Ion Ratio Lower Upper

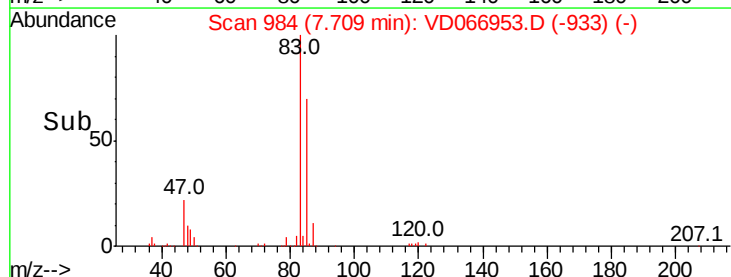
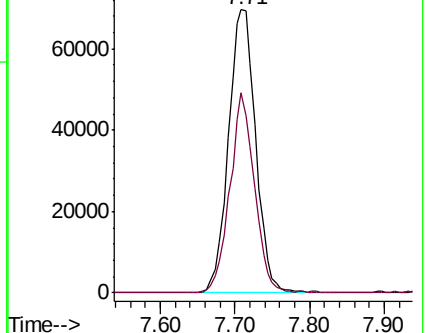
83 100

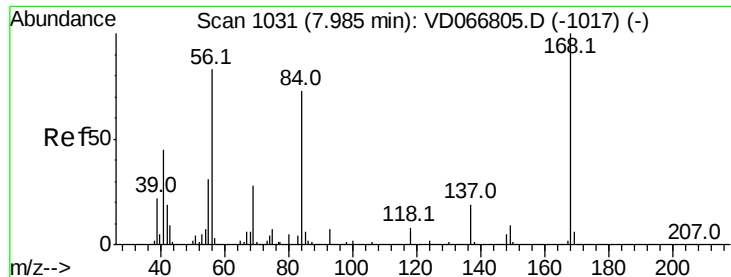
85 70.7 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 18.611 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBS02

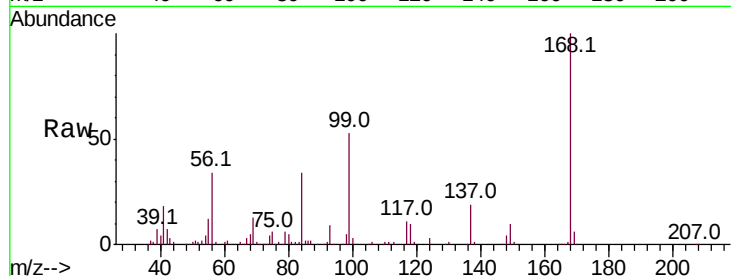
Tot Ion: 56 Resp: 127518

Ion Ratio Lower Upper

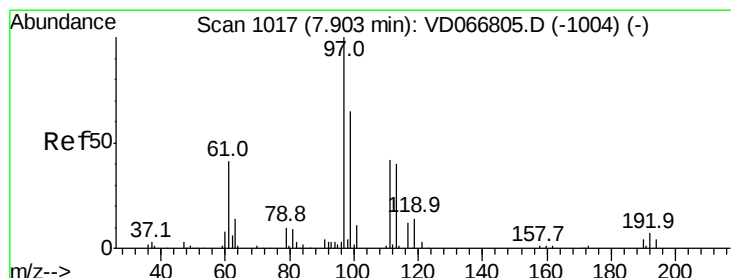
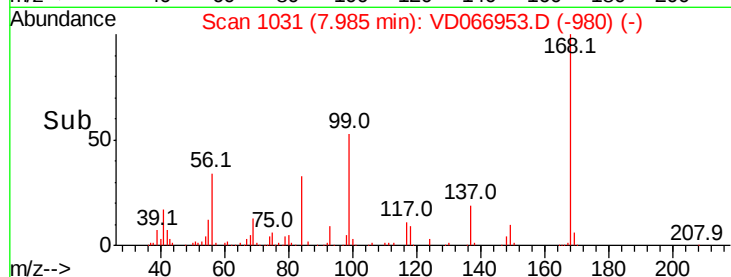
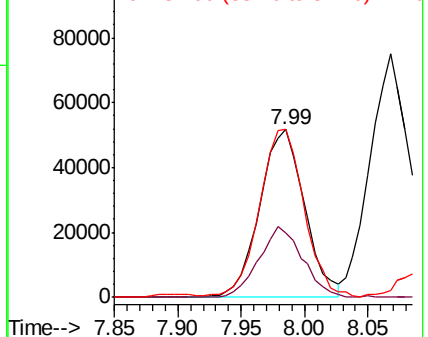
56 100

69 38.6 27.0 40.4

84 98.1 70.2 105.4



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



#32

1,1,1-Trichloroethane

Concen: 20.338 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

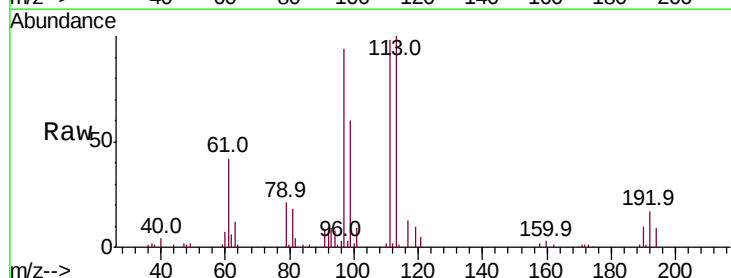
Tgt Ion: 97 Resp: 151017

Ion Ratio Lower Upper

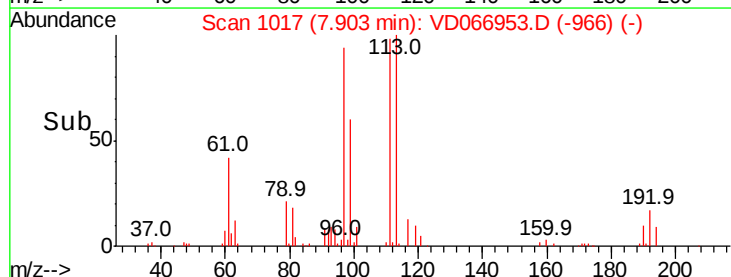
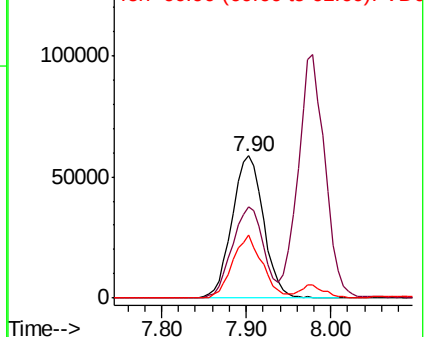
97 100

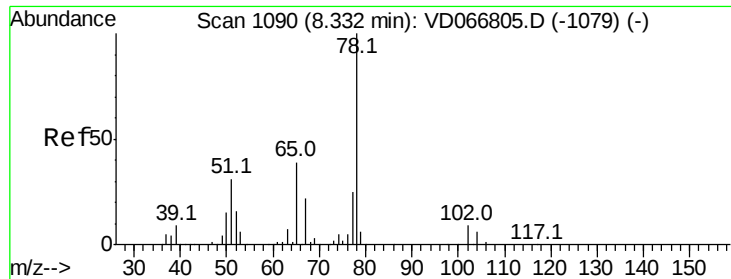
99 63.9 51.5 77.3

61 42.1 34.2 51.4



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

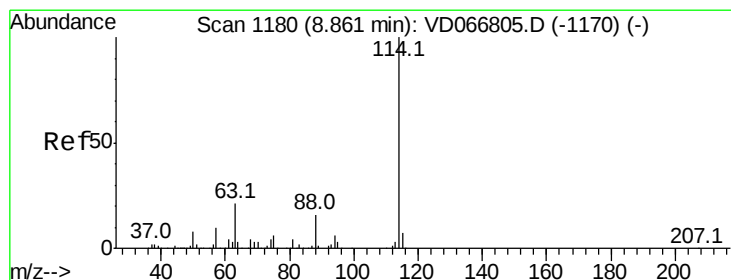
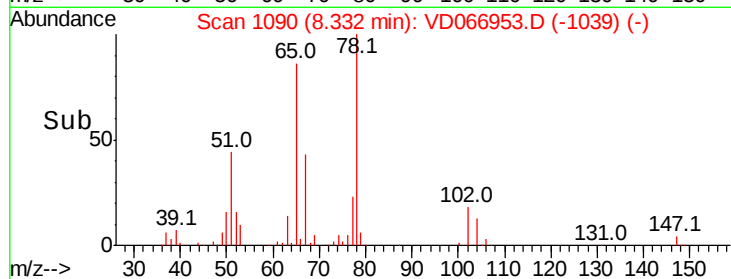
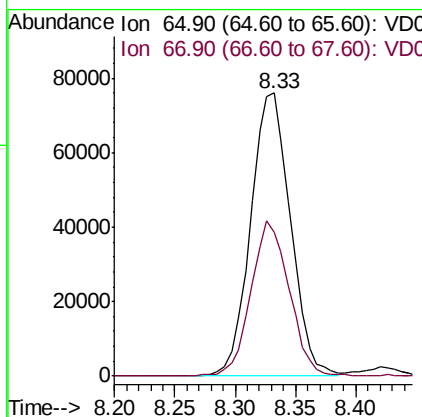
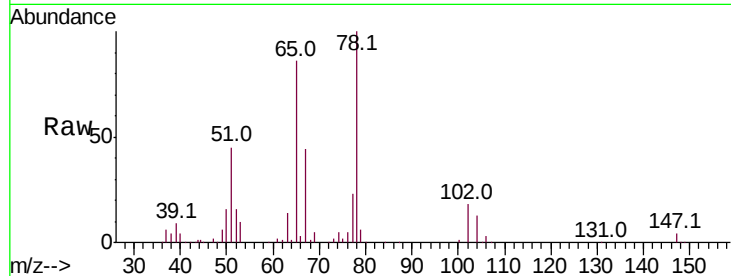




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.153 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

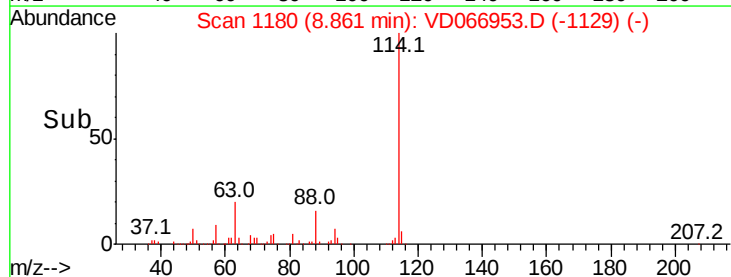
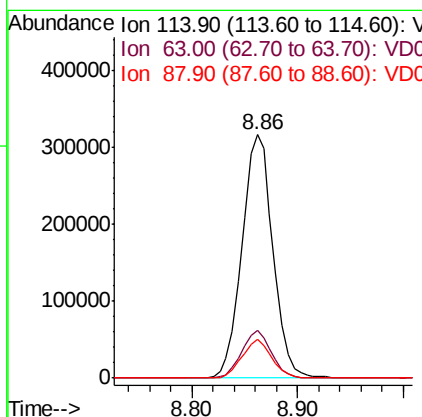
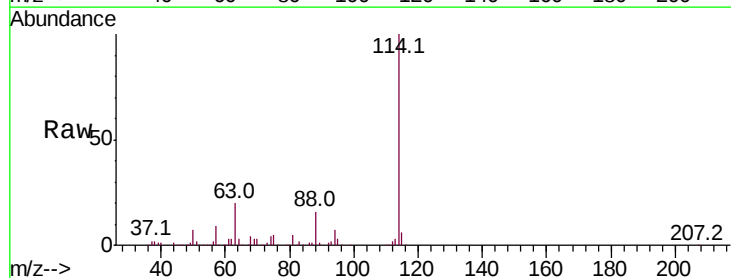
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBSD02

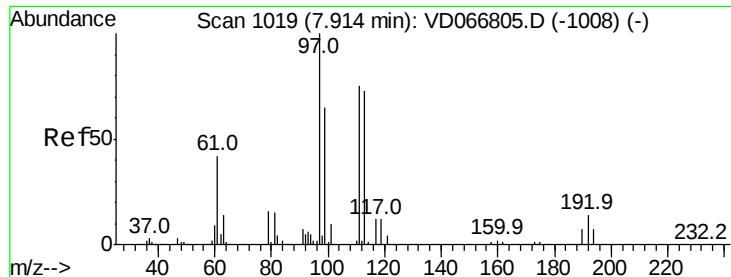
Tot Ion: 65 Resp: 173919  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.86 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Tgt Ion: 114 Resp: 641982  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 42.6  
 88 15.8 0.0 32.6

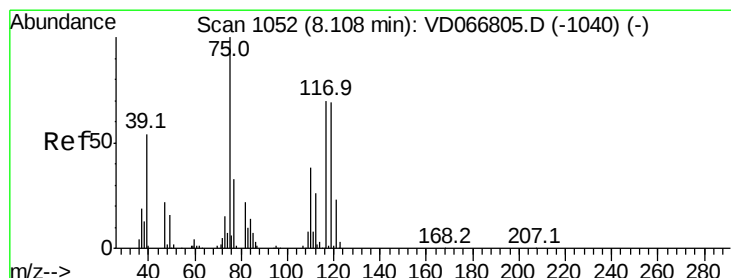
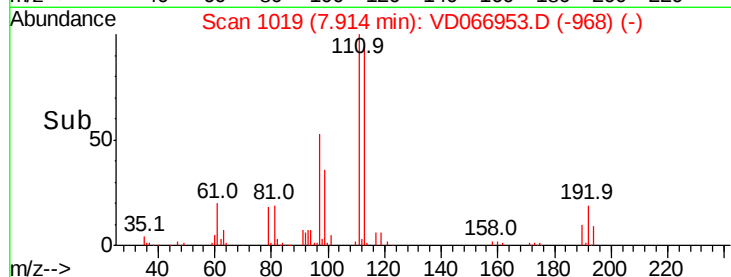
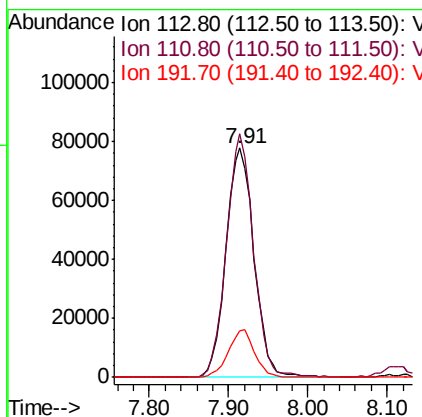
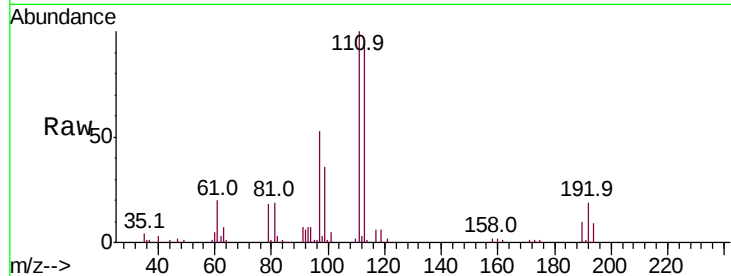




#35  
 Dibromofluoromethane  
 Concen: 46.610 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

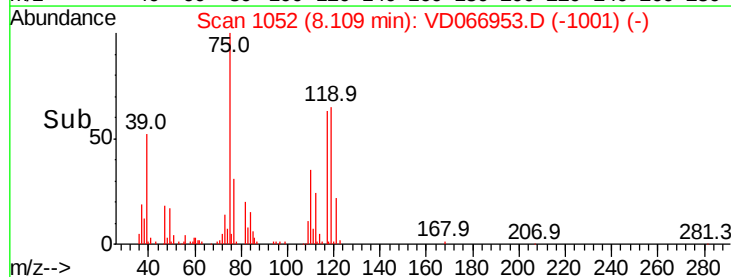
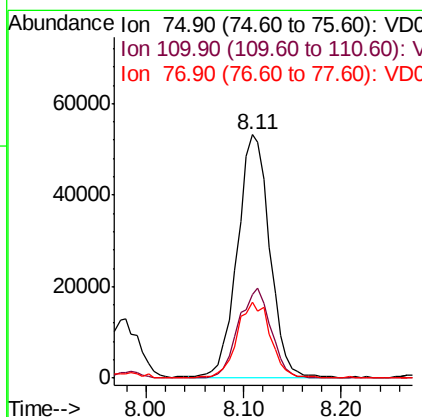
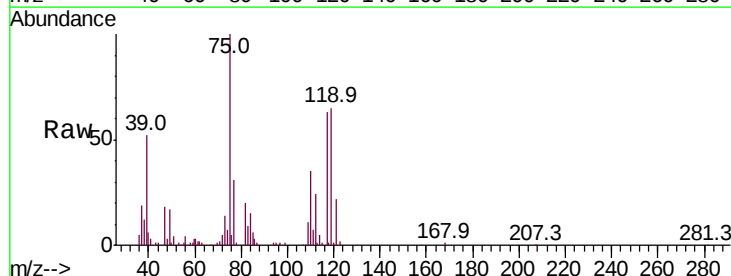
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBSD02

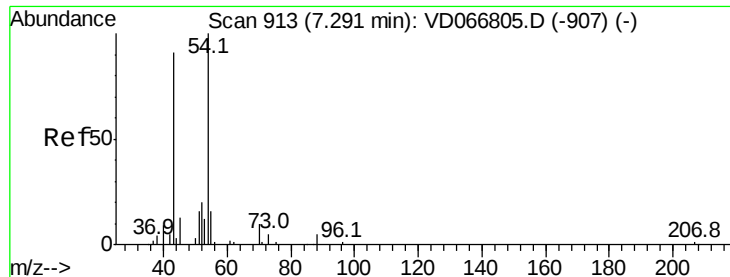
Tot Ion:113 Resp: 190367  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 81.8 122.8  
 192 19.4 14.4 21.6



#36  
 1,1-Dichloropropene  
 Concen: 19.330 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Tgt Ion: 75 Resp: 123113  
 Ion Ratio Lower Upper  
 75 100  
 110 37.0 17.9 53.8  
 77 32.2 25.0 37.6





#37

Ethyl Acetate

Concen: 19.643 ug/l

RT: 7.29 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleID :

VW0929SBSD02

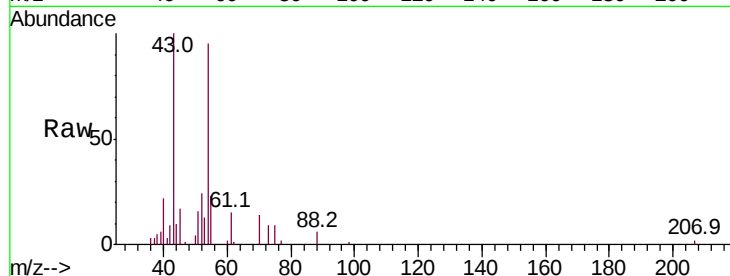
Tot Ion: 43 Resp: 45226

Ion Ratio Lower Upper

43 100

61 16.8 9.8 14.8#

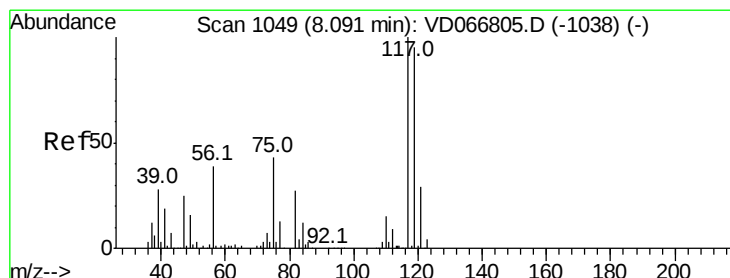
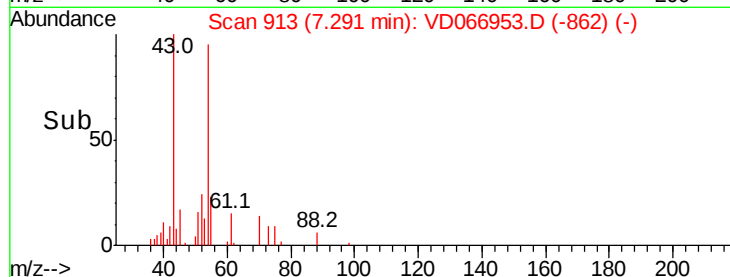
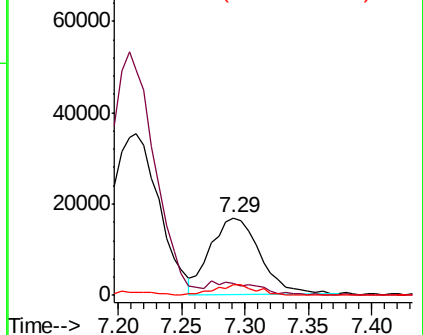
70 11.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 19.196 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

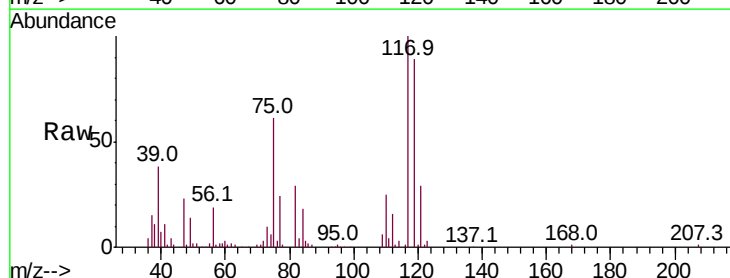
Tgt Ion: 117 Resp: 133666

Ion Ratio Lower Upper

117 100

119 88.7 75.8 113.8

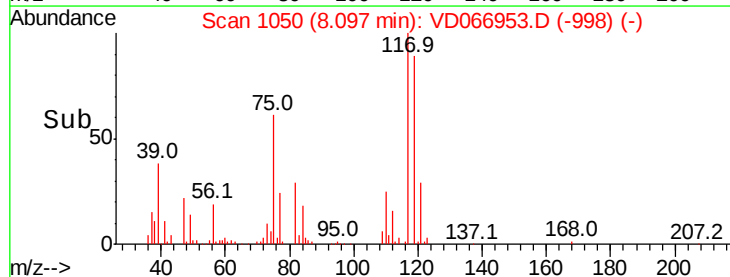
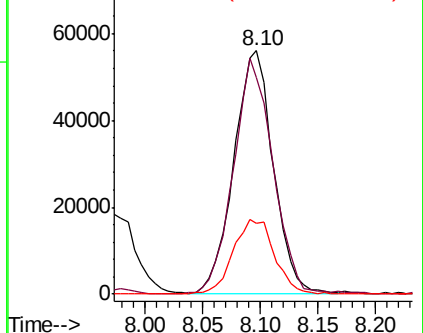
121 29.3 23.4 35.0

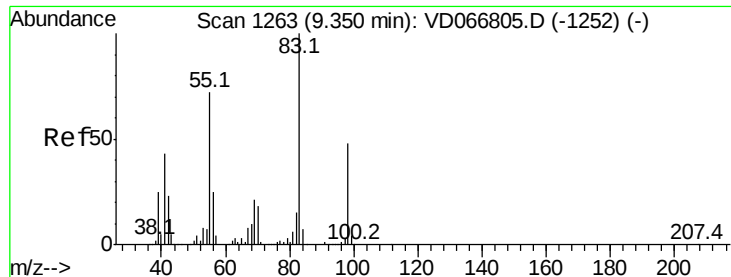


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

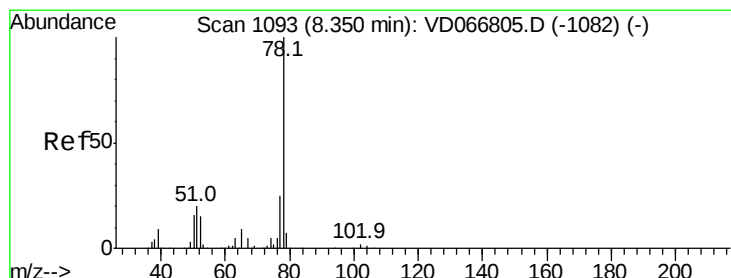
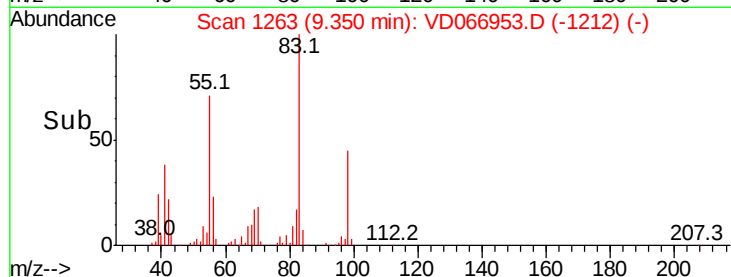
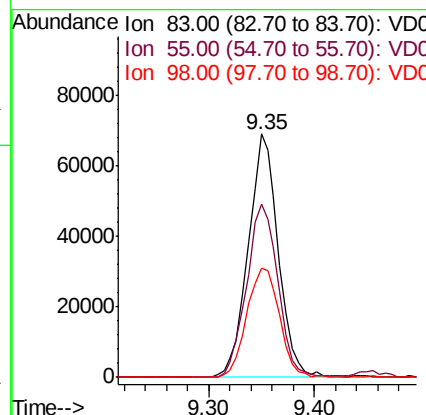
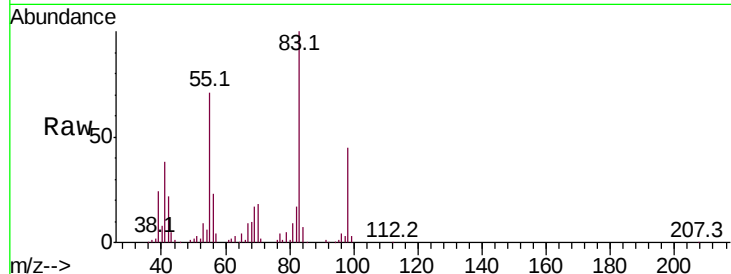




#39  
Methvlcvclohexane  
Concen: 18.687 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

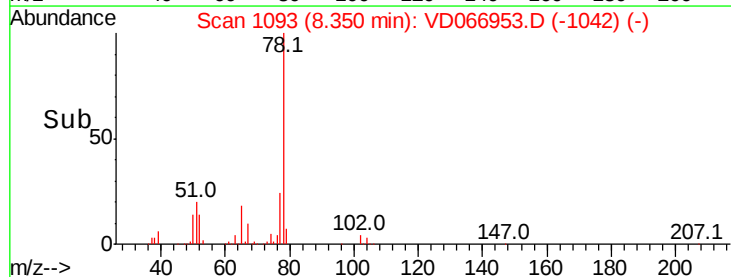
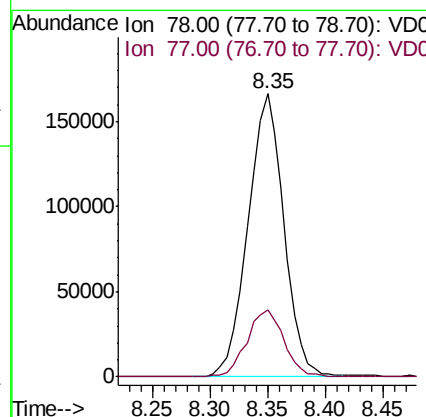
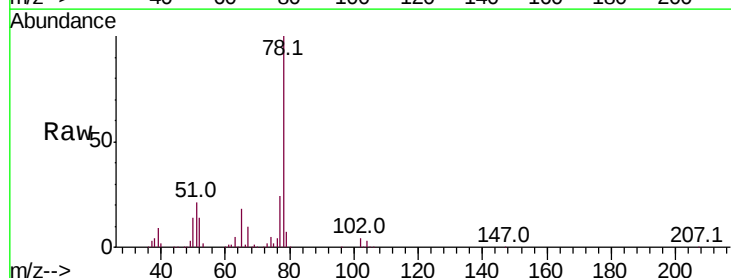
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

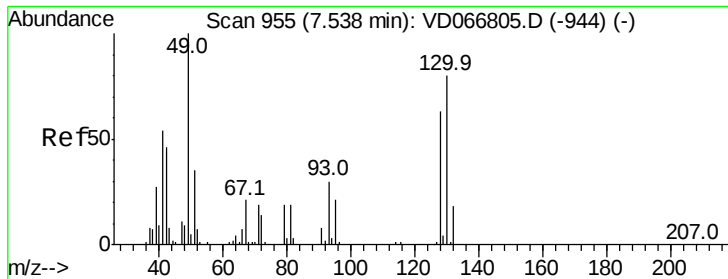
| Tot Ion   | 83    | Resp  | 136650 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 71.1  | 57.7  | 86.5   |
| 98        | 44.8  | 38.4  | 57.6   |



#40  
Benzene  
Concen: 20.296 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

| Tgt Ion   | 78    | Resp  | 360252 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.6  | 19.9  | 29.9   |





#41

Methacrylonitrile

Concen: 44.619 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.03 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBS02

Tot Ion: 41 Resp: 63177

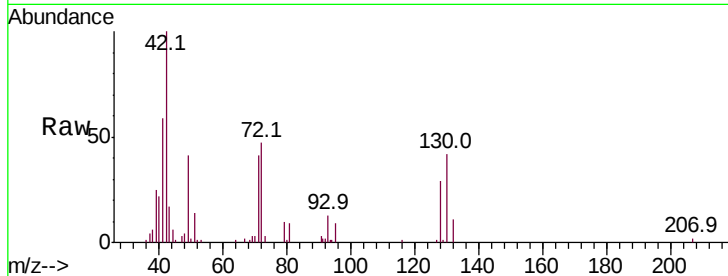
Ion Ratio Lower Upper

41 100

39 20.9 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

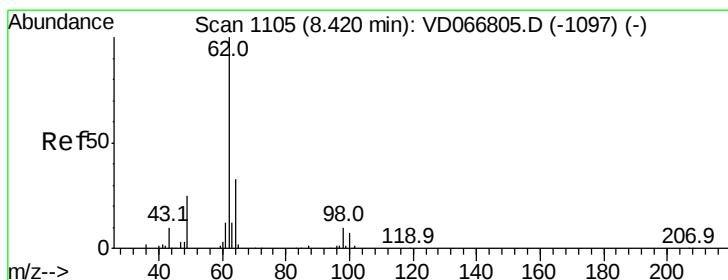
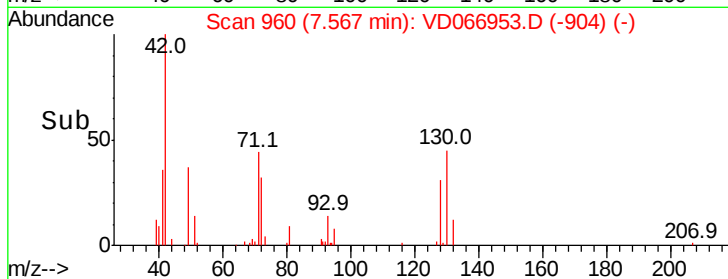
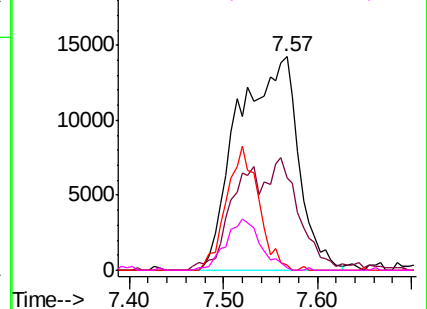


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.996 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066953.D

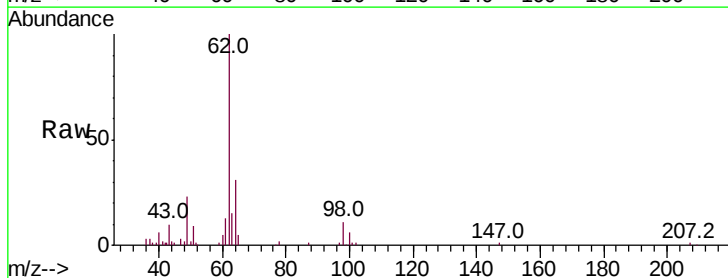
Acq: 29 Sep 2020 23:09

Tgt Ion: 62 Resp: 104930

Ion Ratio Lower Upper

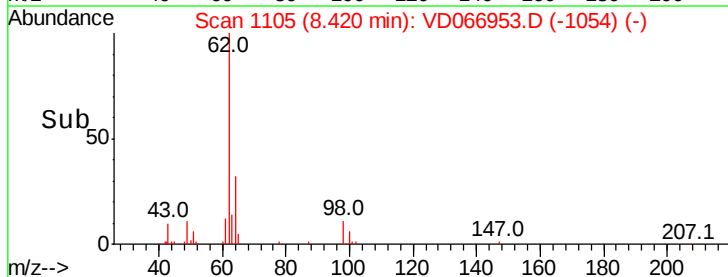
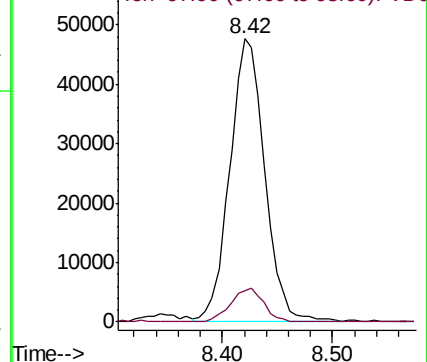
62 100

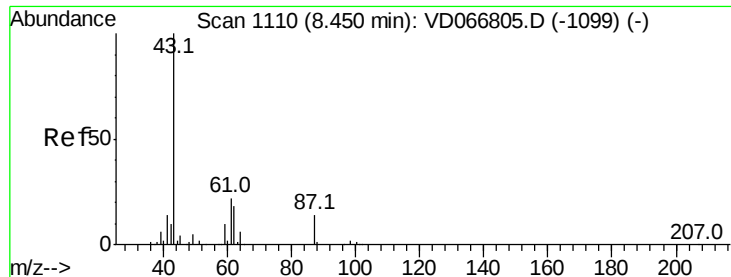
98 11.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.780 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

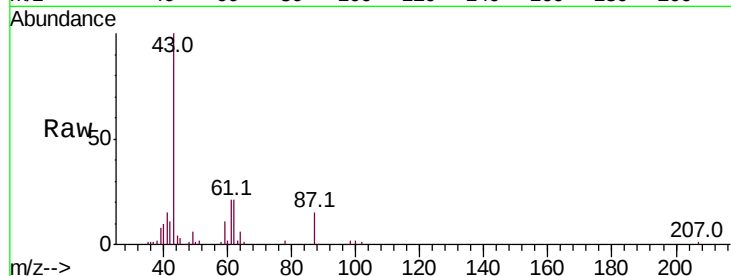
Tot Ion: 43 Resp: 87802

Ion Ratio Lower Upper

43 100

61 32.4 26.2 39.4

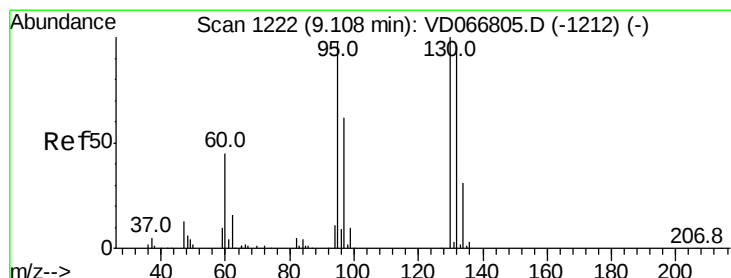
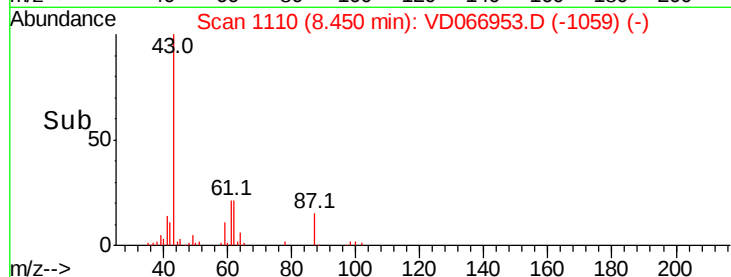
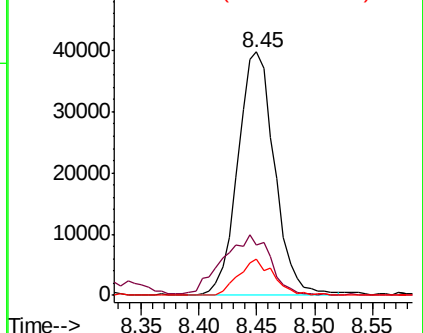
87 14.1 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.223 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066953.D

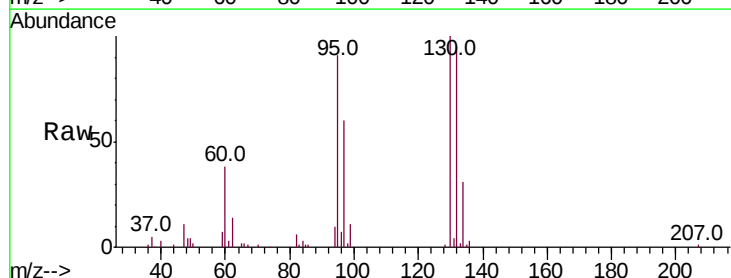
Acq: 29 Sep 2020 23:09

Tgt Ion: 130 Resp: 102318

Ion Ratio Lower Upper

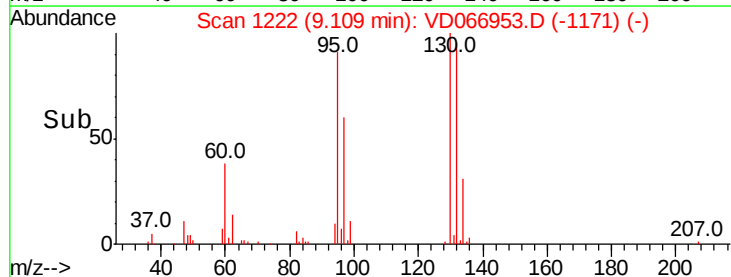
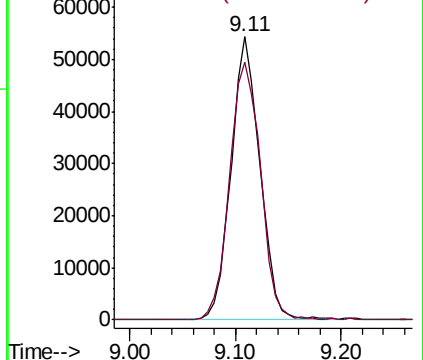
130 100

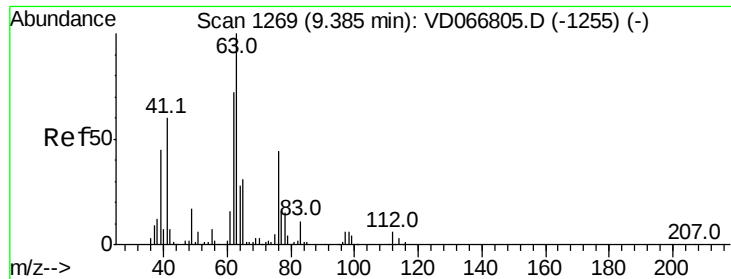
95 91.2 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.349 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

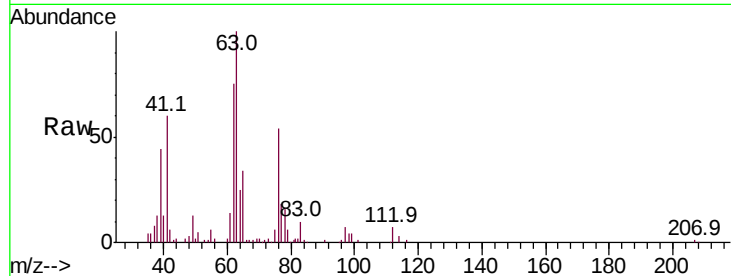
VW0929SBS02

Tot Ion: 63 Resp: 90879

Ion Ratio Lower Upper

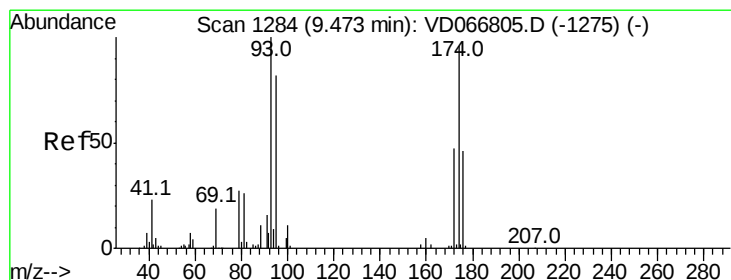
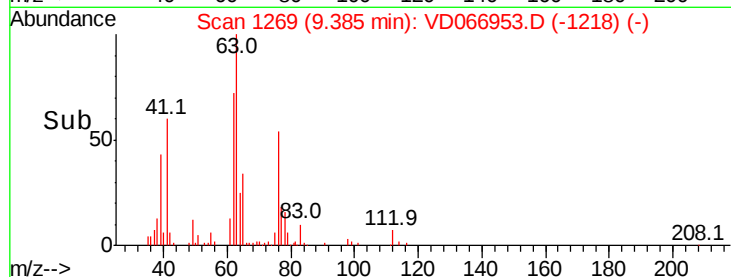
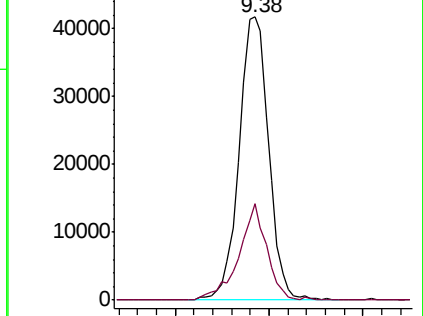
63 100

65 34.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.973 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

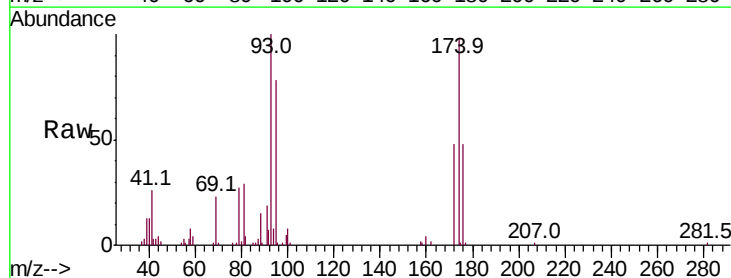
Tgt Ion: 93 Resp: 50891

Ion Ratio Lower Upper

93 100

95 80.2 65.3 97.9

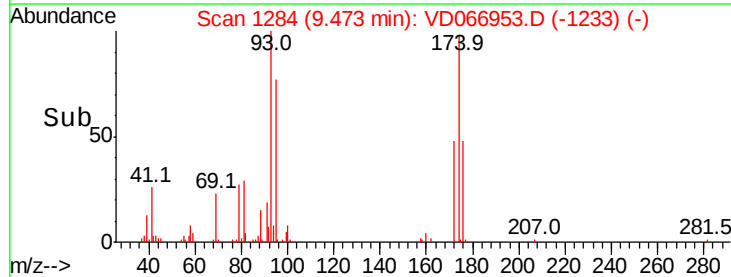
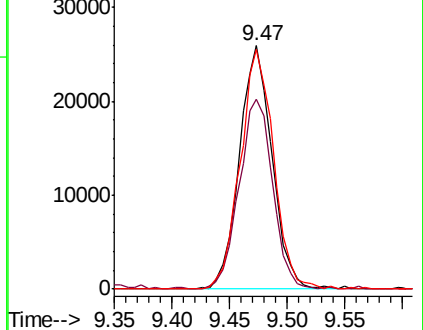
174 100.7 75.4 113.2

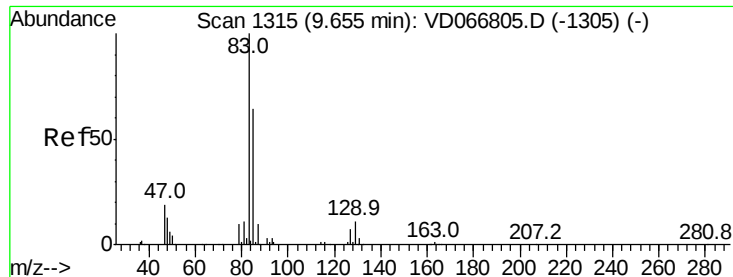


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.331 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

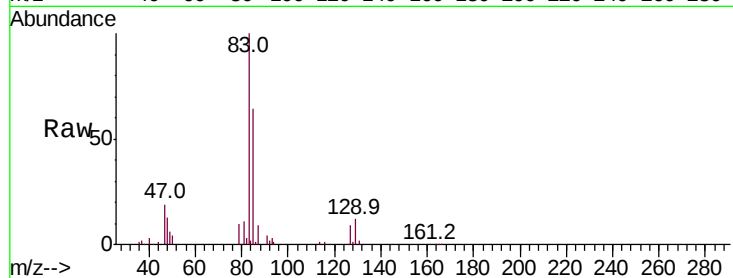
Tot Ion: 83 Resp: 132522

Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3

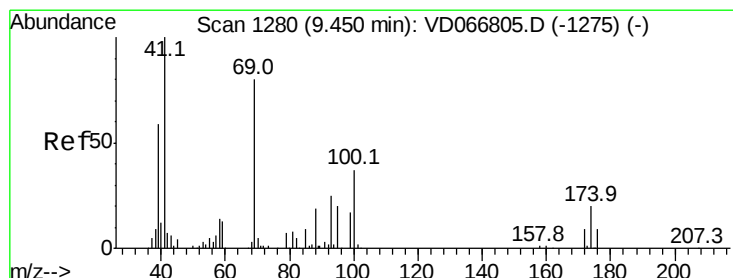
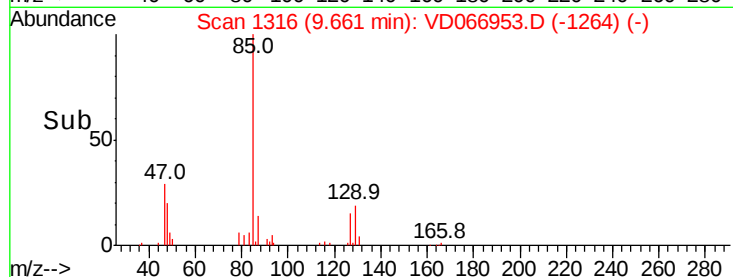
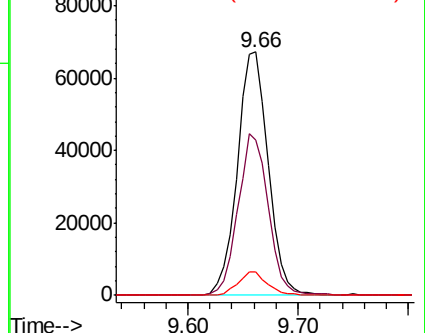
127 9.4 5.9 8.9#



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: 19.201 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

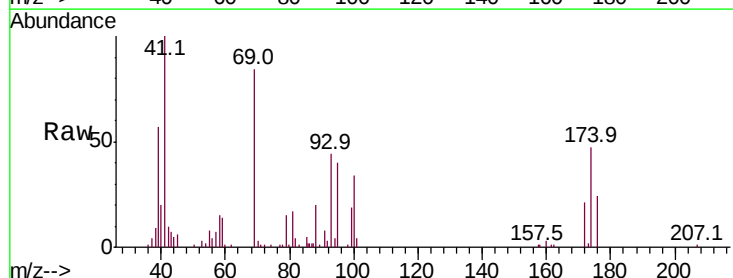
Tgt Ion: 41 Resp: 42024

Ion Ratio Lower Upper

41 100

69 93.6 74.5 111.7

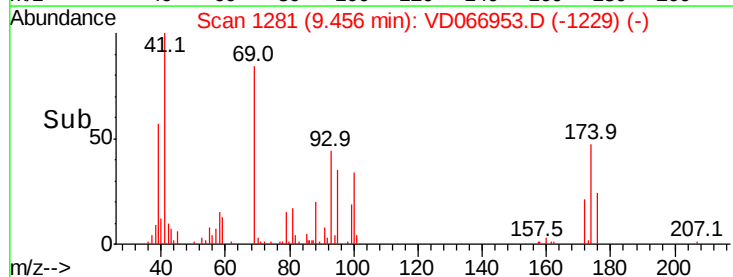
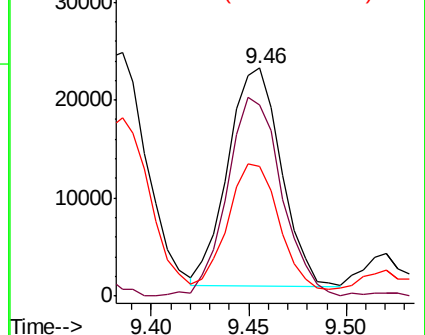
39 54.9 47.0 70.6

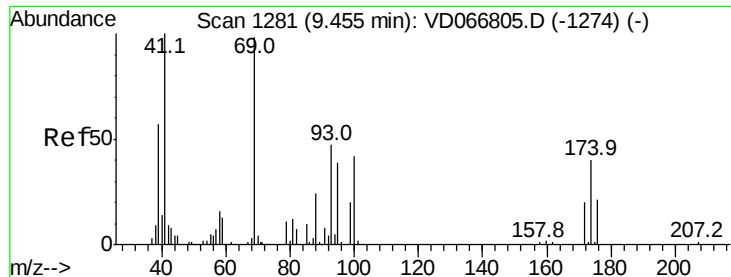


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 392.248 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

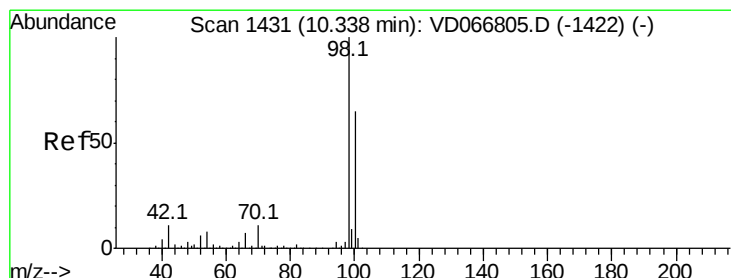
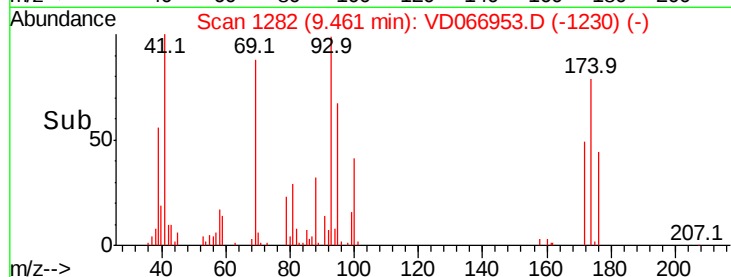
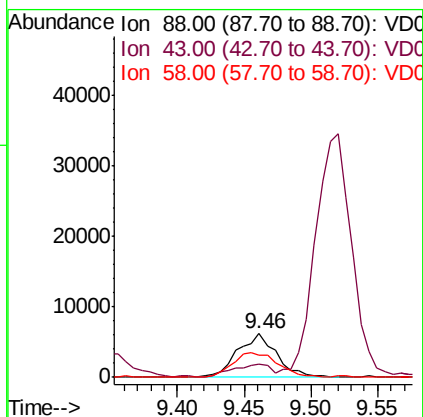
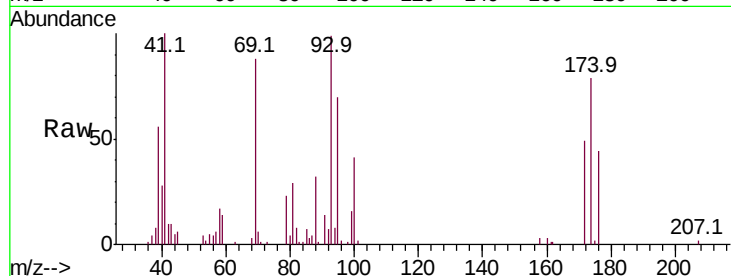
Tot Ion: 88 Resp: 12529

Ion Ratio Lower Upper

88 100

43 29.7 27.7 41.5

58 65.6 55.5 83.3



#50

Toluene-d8

Concen: 47.709 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066953.D

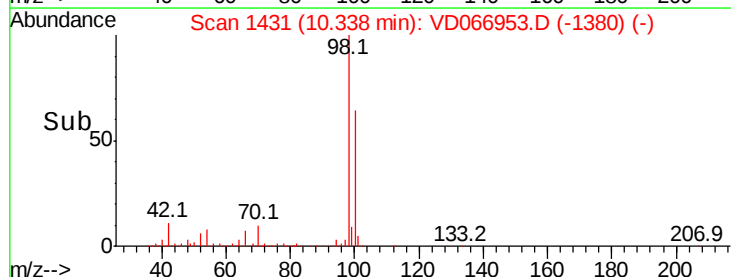
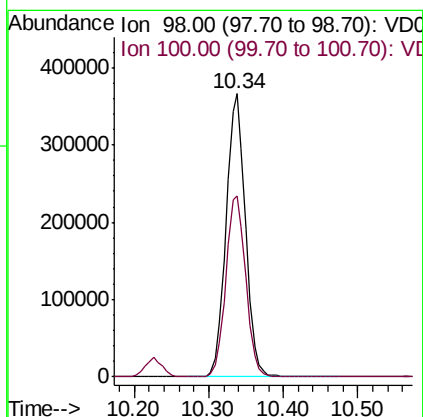
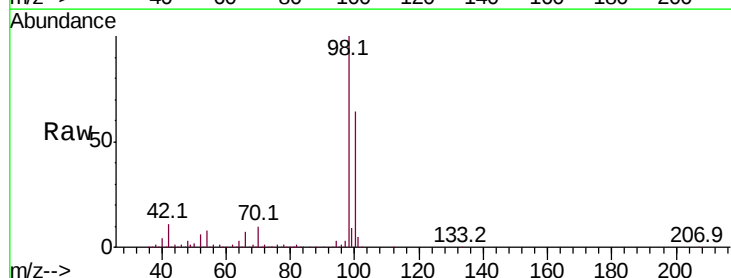
Acq: 29 Sep 2020 23:09

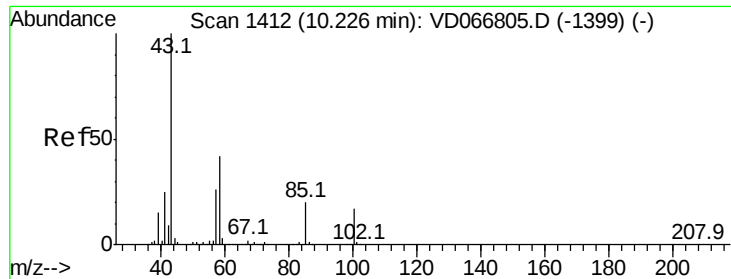
Tgt Ion: 98 Resp: 663913

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 101.356 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleID :

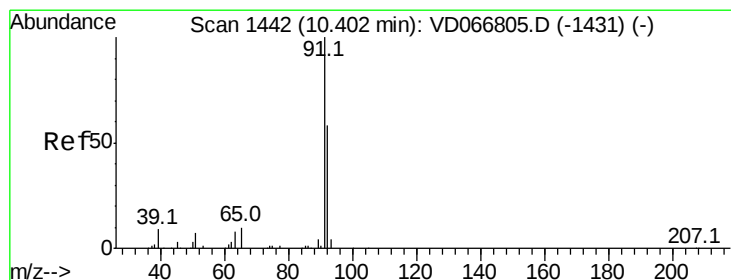
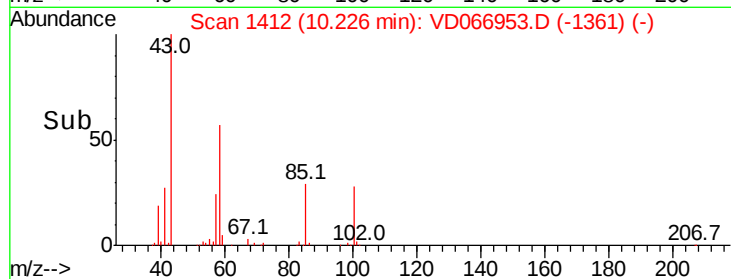
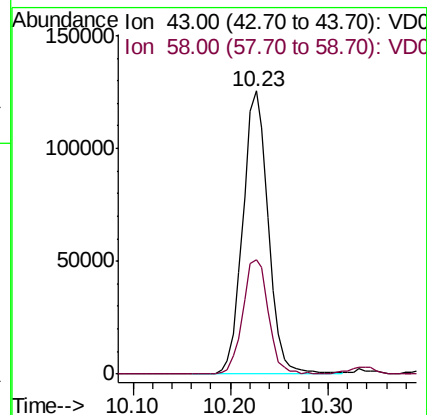
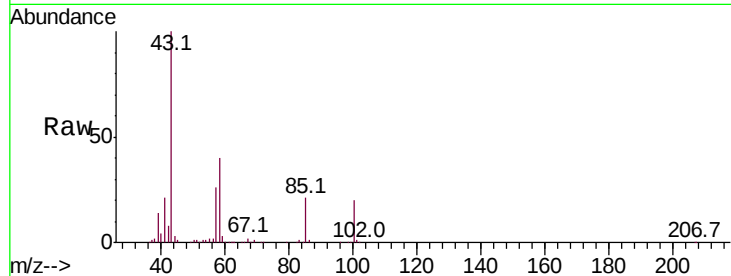
VW0929SBSD02

Tot Ion: 43 Resp: 227975

Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.4



#52

Toluene

Concen: 20.978 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066953.D

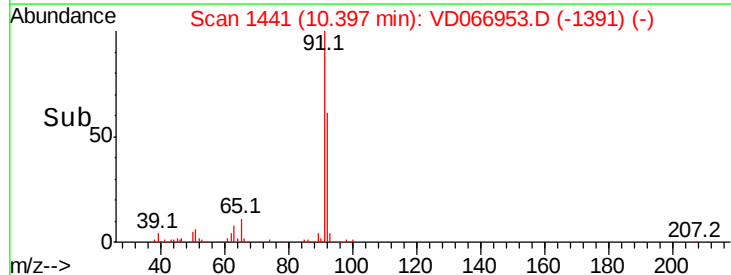
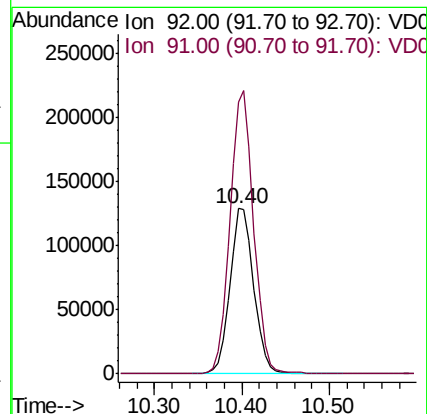
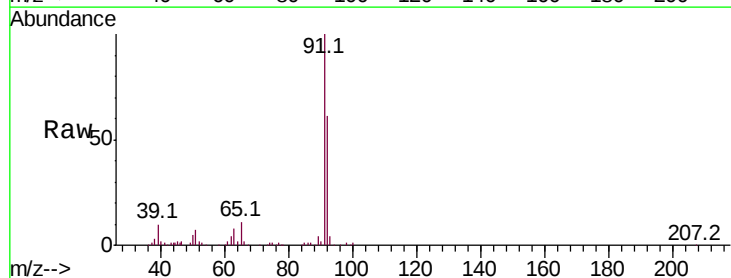
Acq: 29 Sep 2020 23:09

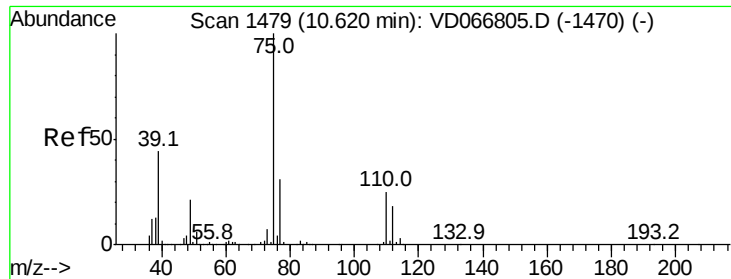
Tgt Ion: 92 Resp: 239858

Ion Ratio Lower Upper

92 100

91 169.4 134.6 202.0

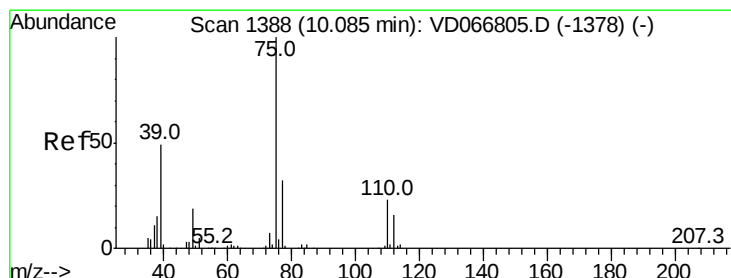
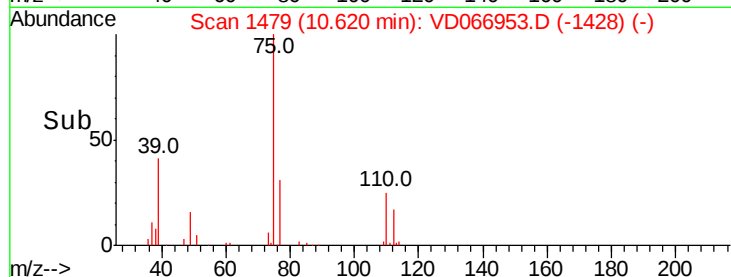
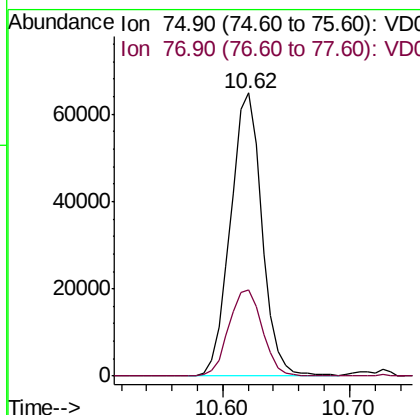
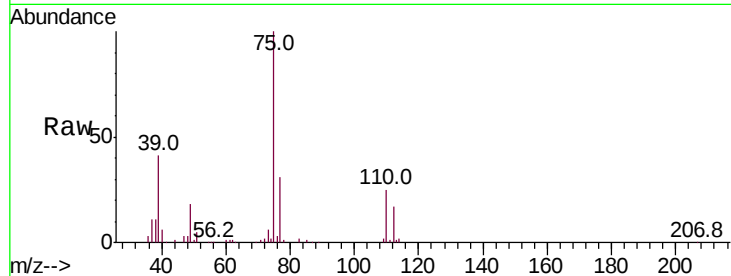




#53  
 t-1,3-Dichloropropene  
 Concen: 20.061 ug/l  
 RT: 10.62 min Scan# 1479  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

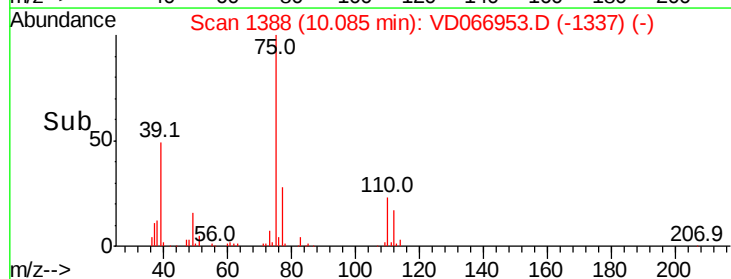
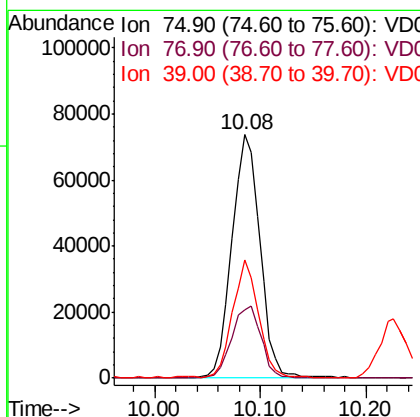
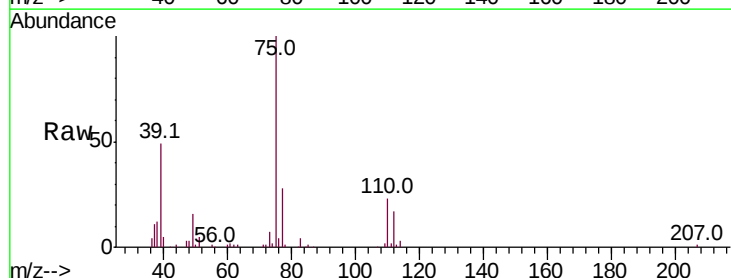
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBSD02

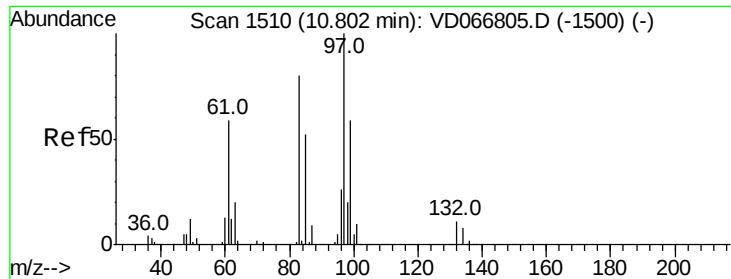
Tot Ion: 75 Resp: 111297  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.054 ug/l  
 RT: 10.08 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Tgt Ion: 75 Resp: 135664  
 Ion Ratio Lower Upper  
 75 100  
 77 27.8 25.6 38.4  
 39 48.2 39.2 58.8

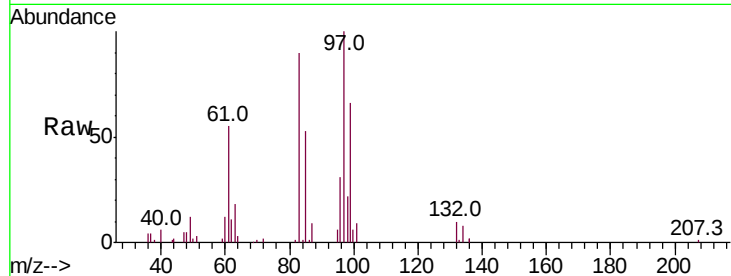




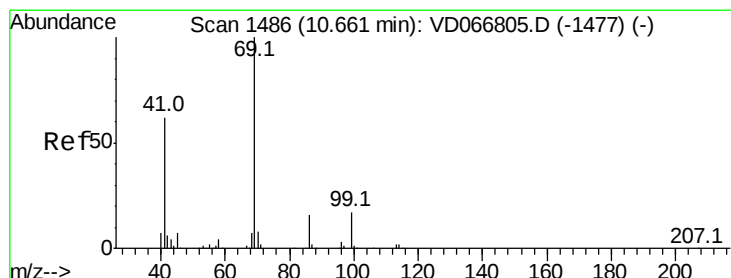
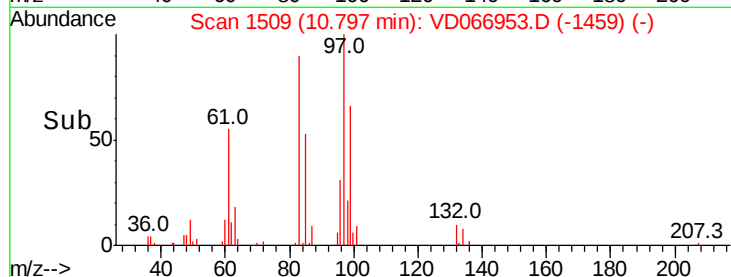
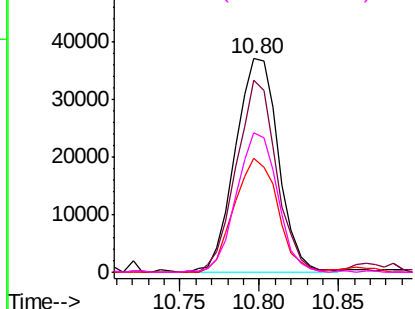
#55  
 1,1,2-Trichloroethane  
 Concen: 21.043 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 70193 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.4  | 64.2  | 96.2  |
| 85       | 53.2  | 41.9  | 62.9  |
| 99       | 65.0  | 47.5  | 71.3  |

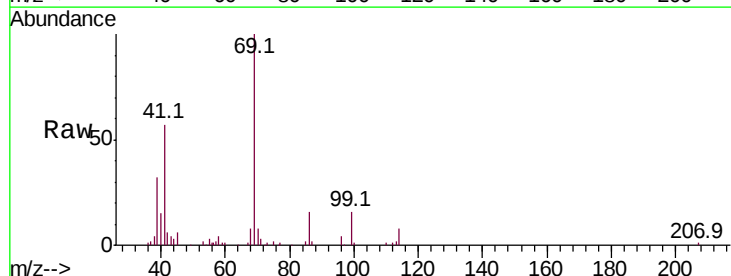


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

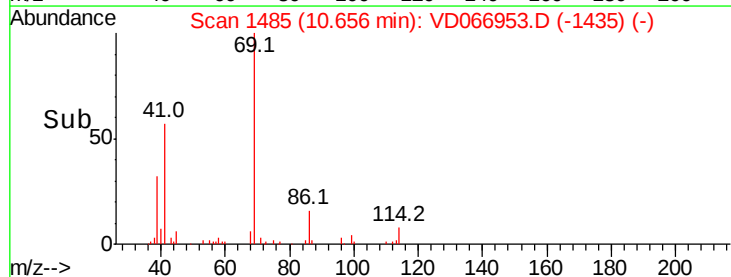
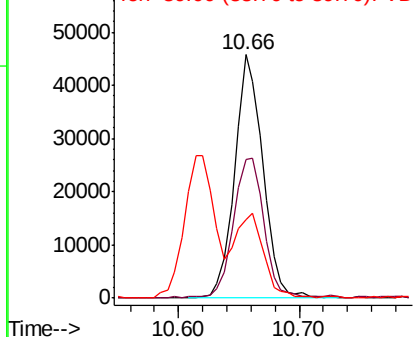


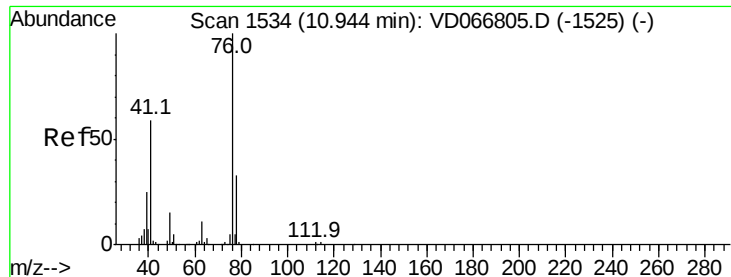
#56  
 Ethyl methacrylate  
 Concen: 20.872 ug/l  
 RT: 10.66 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 74587 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.6  | 52.2  | 78.2  |
| 39       | 36.1  | 26.6  | 40.0  |



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: 20.992 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

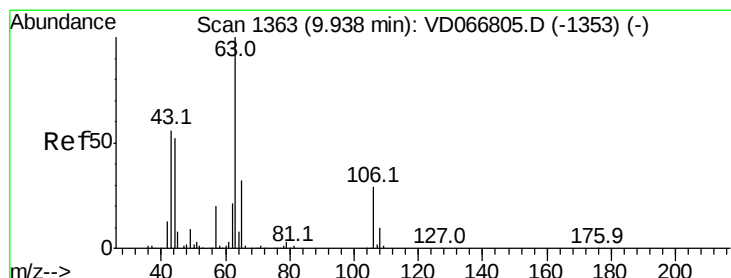
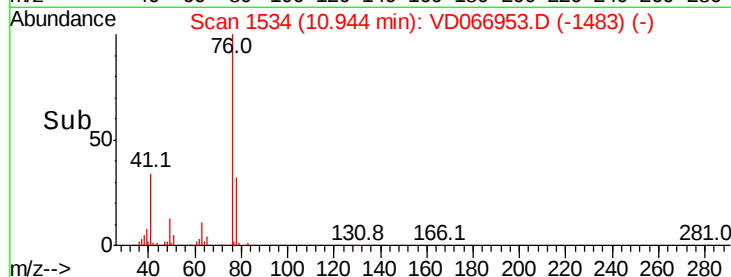
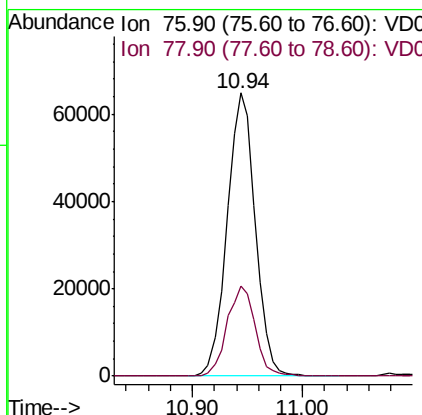
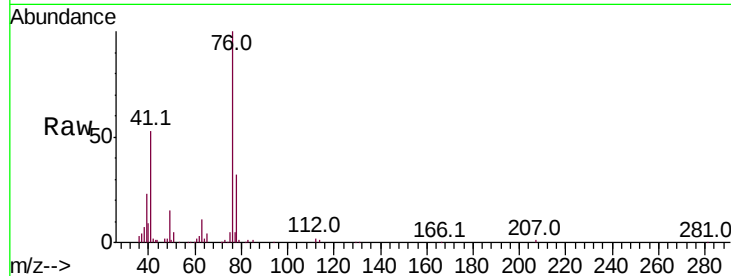
Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

Tot Ion: 76 Resp: 115627

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 31.8  | 26.3  | 39.5  |



#58

2-Chloroethyl Vinyl ether

Concen: 120.033 ug/l

RT: 9.94 min Scan# 1363

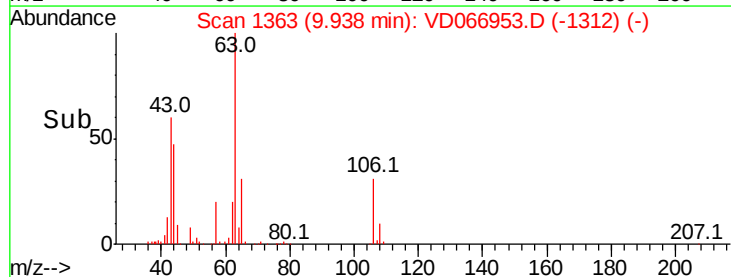
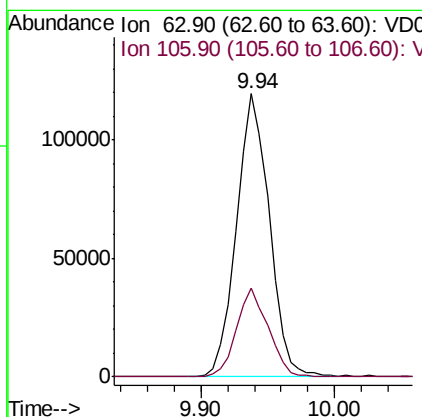
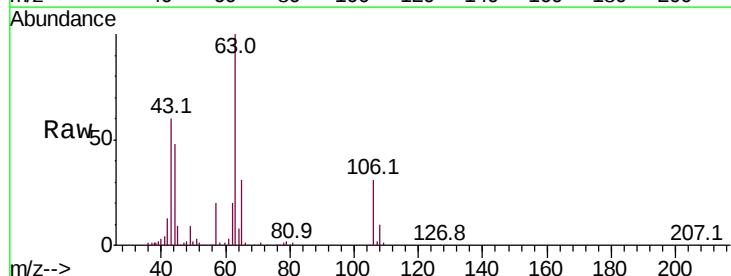
Delta R.T. 0.00 min

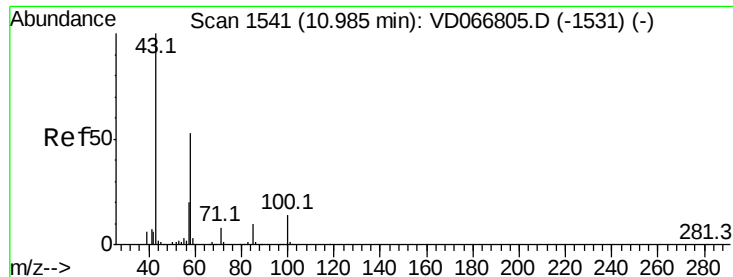
Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion: 63 Resp: 203098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 106 | 30.5  | 23.8  | 35.6  |

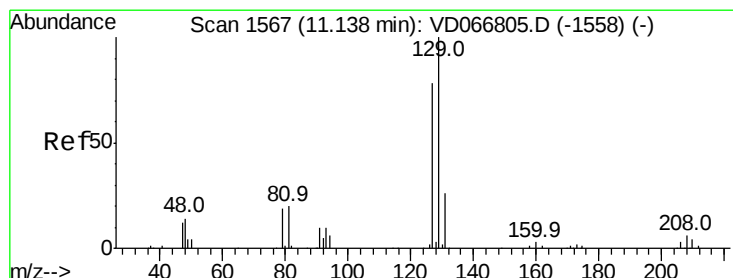
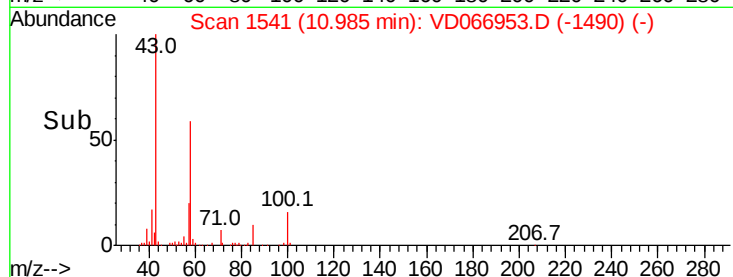
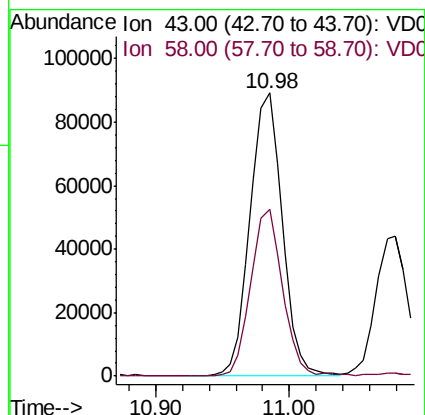
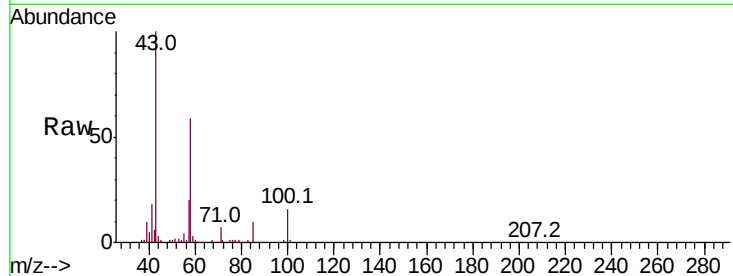




#59  
2-Hexanone  
Concen: 98.540 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

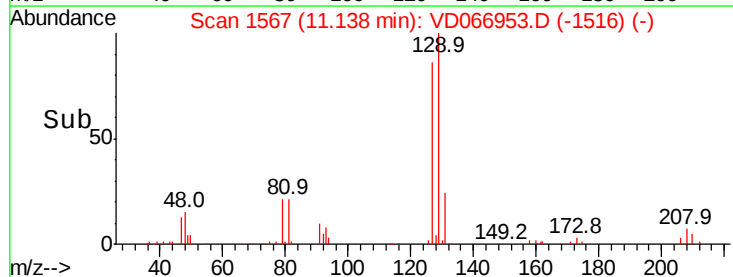
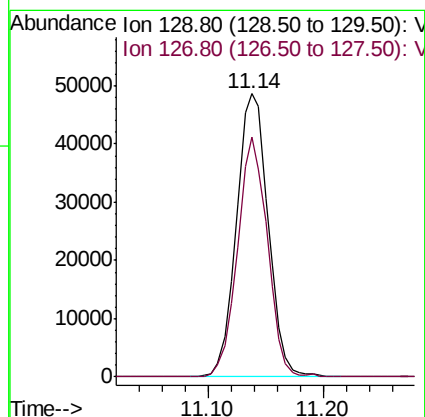
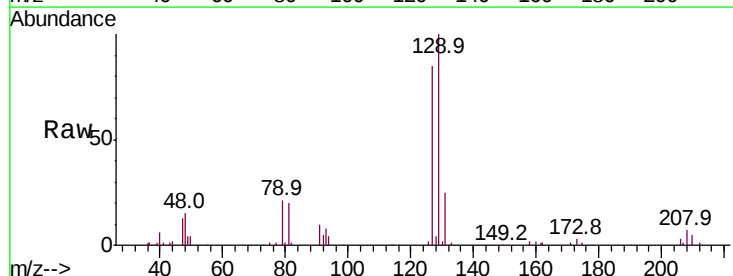
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

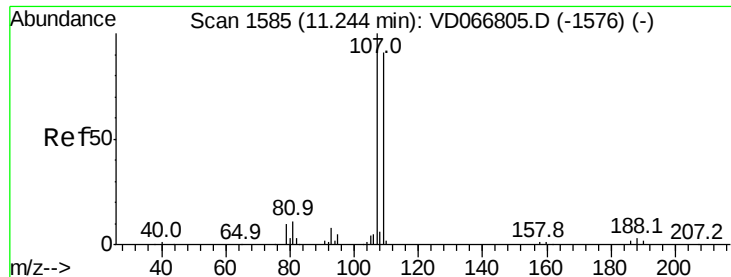
Tot Ion: 43 Resp: 149470  
Ion Ratio Lower Upper  
43 100  
58 58.0 27.0 80.8



#60  
Dibromochloromethane  
Concen: 21.203 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion: 129 Resp: 92309  
Ion Ratio Lower Upper  
129 100  
127 79.7 38.6 116.0

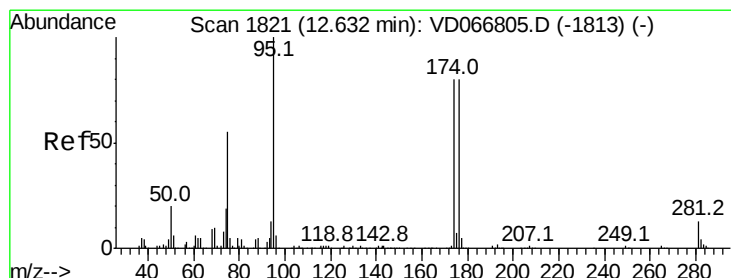
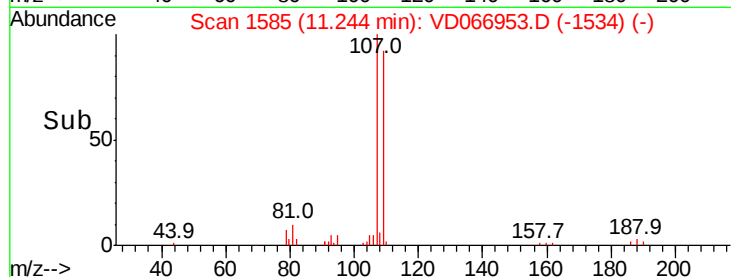
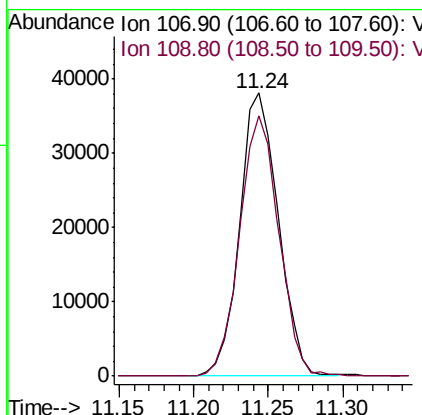
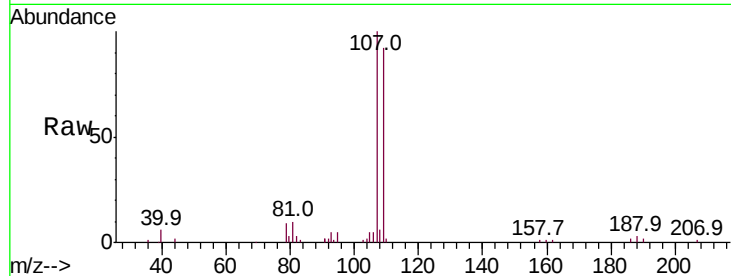




#61  
 1,2-Dibromoethane  
 Concen: 21.985 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

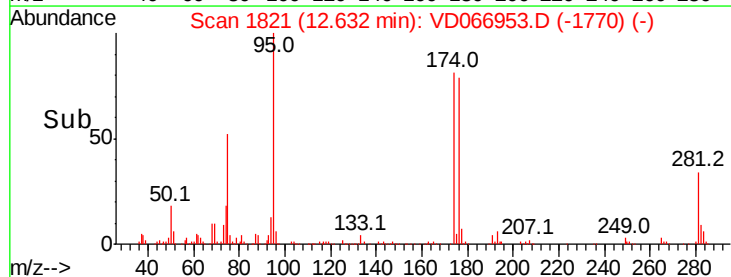
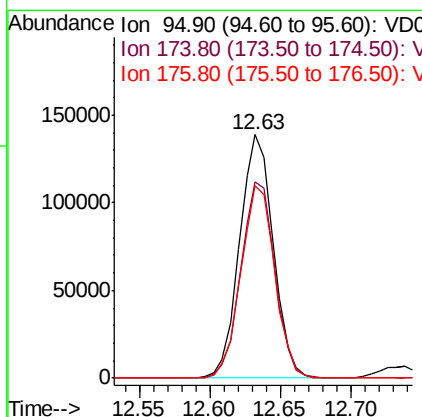
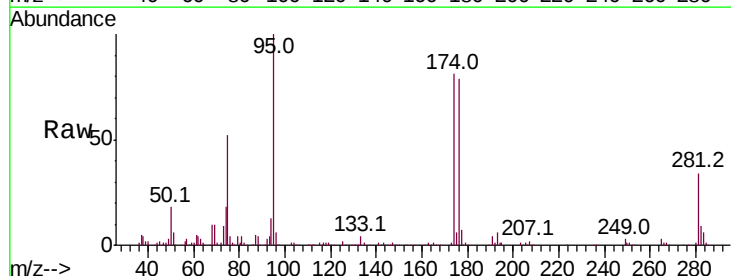
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBSD02

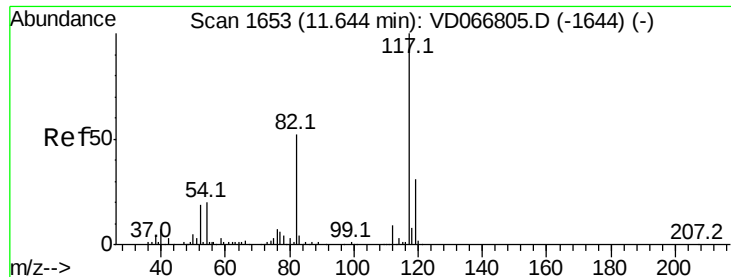
Tot Ion:107 Resp: 68211  
 Ion Ratio Lower Upper  
 107 100  
 109 93.6 75.0 112.4



#62  
 4-Bromofluorobenzene  
 Concen: 48.592 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

Tgt Ion: 95 Resp: 231487  
 Ion Ratio Lower Upper  
 95 100  
 174 81.7 0.0 159.8  
 176 79.6 0.0 154.4

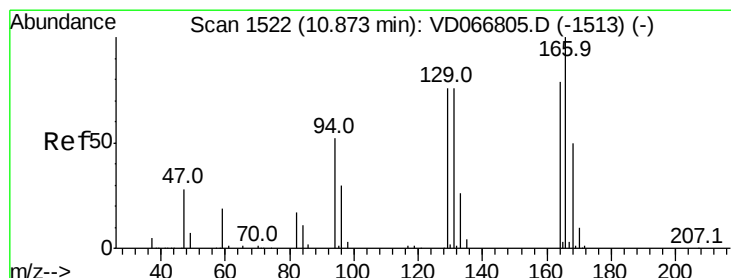
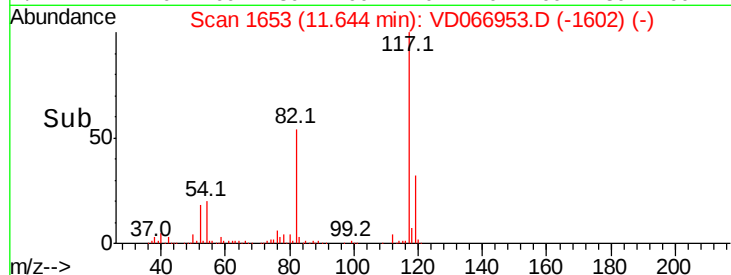
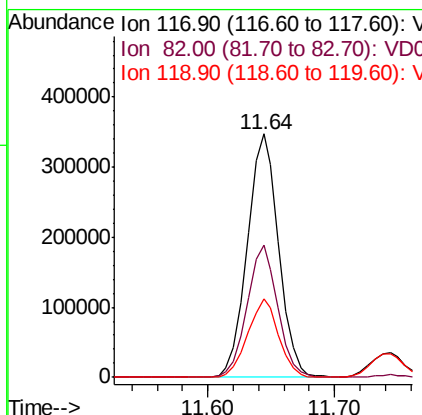
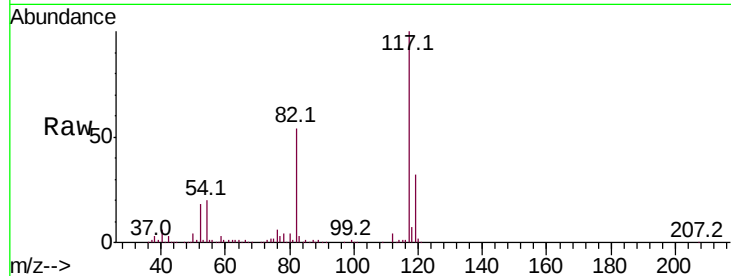




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

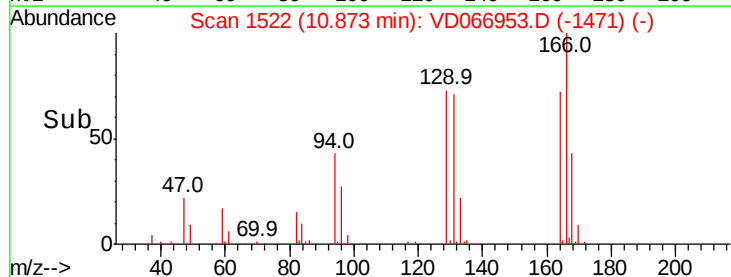
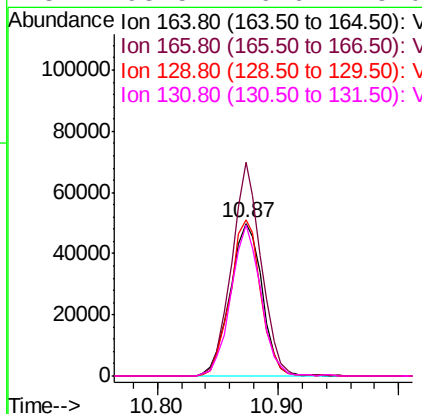
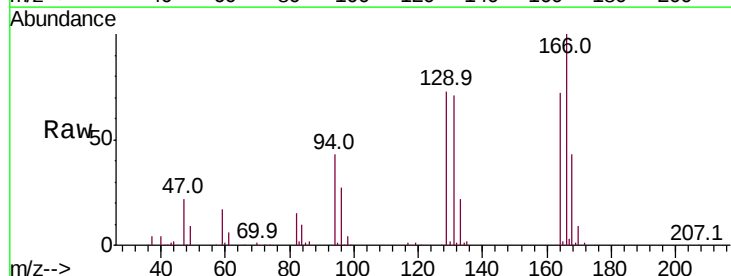
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

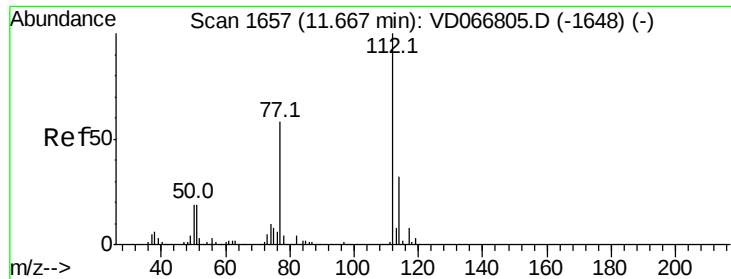
Tot Ion:117 Resp: 595830  
Ion Ratio Lower Upper  
117 100  
82 54.5 41.8 62.6  
119 32.1 24.6 37.0



#64  
Tetrachloroethene  
Concen: 21.575 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion:164 Resp: 92467  
Ion Ratio Lower Upper  
164 100  
166 139.3 101.1 151.7  
129 102.0 77.0 115.4  
131 98.5 76.6 115.0

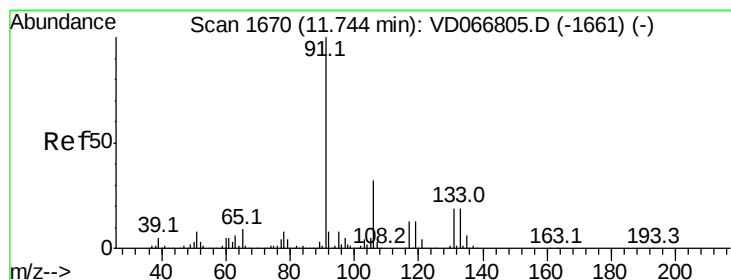
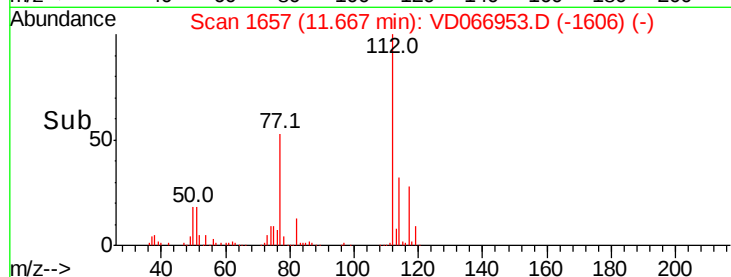
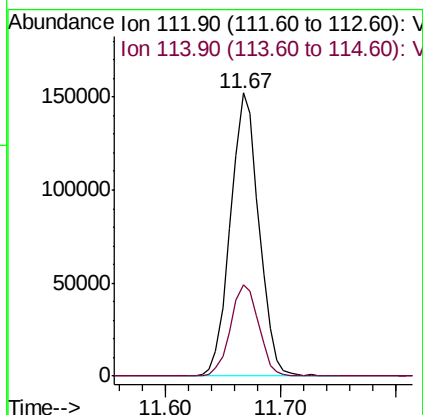
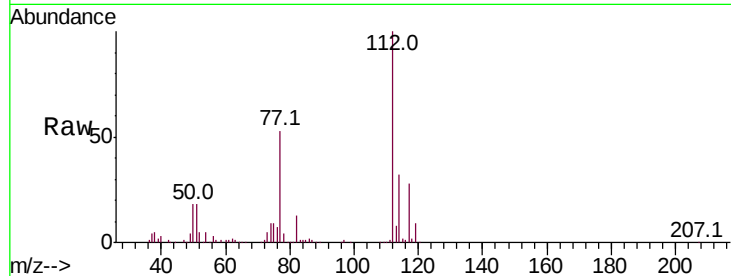




#65  
Chlorobenzene  
Concen: 20.983 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

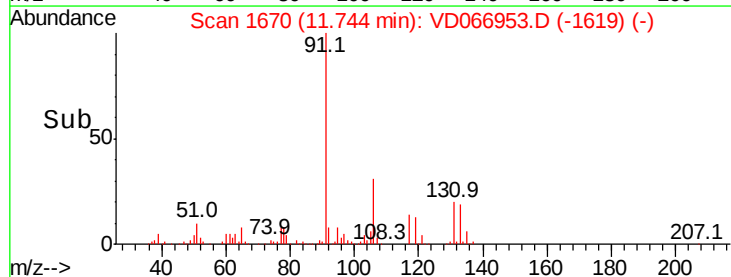
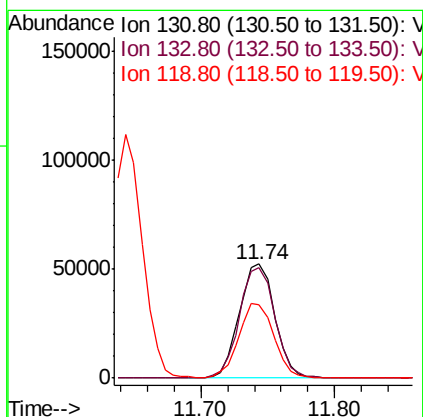
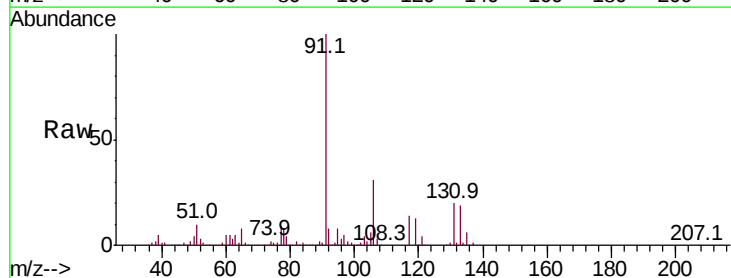
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

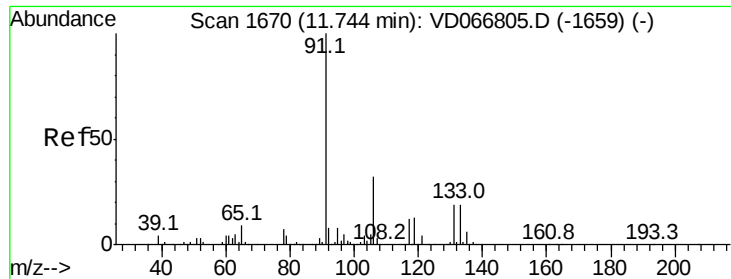
Tot Ion:112 Resp: 260244  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.500 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion:131 Resp: 96228  
Ion Ratio Lower Upper  
131 100  
133 96.9 46.7 140.1  
119 64.9 32.3 96.9





#67

Ethyl Benzene

Concen: 20.063 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

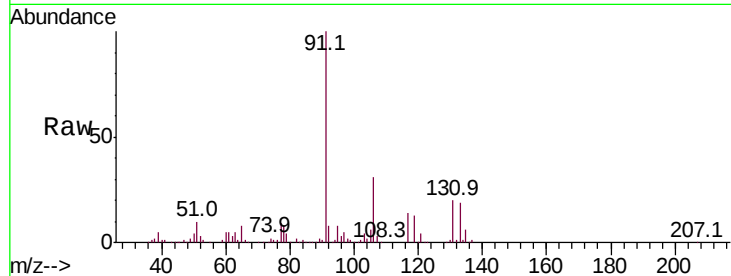
VW0929SBS02

Tot Ion: 91 Resp: 437037

Ion Ratio Lower Upper

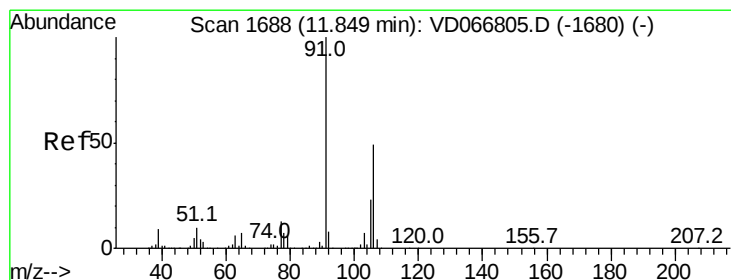
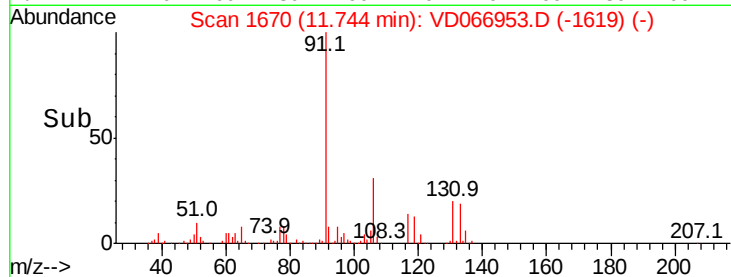
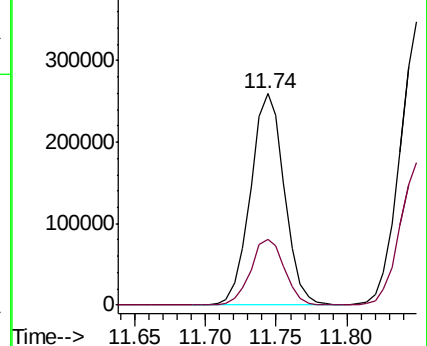
91 100

106 30.9 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.911 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066953.D

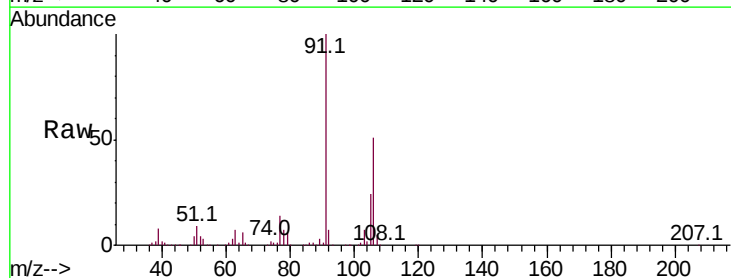
Acq: 29 Sep 2020 23:09

Tgt Ion: 106 Resp: 345651

Ion Ratio Lower Upper

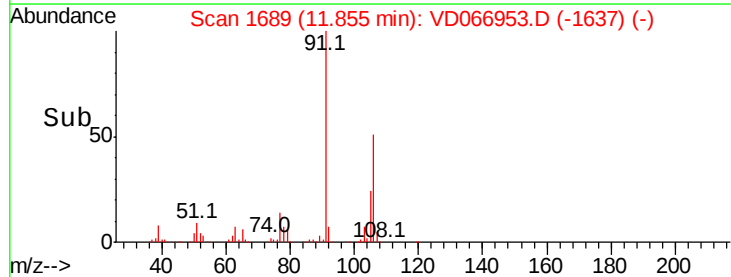
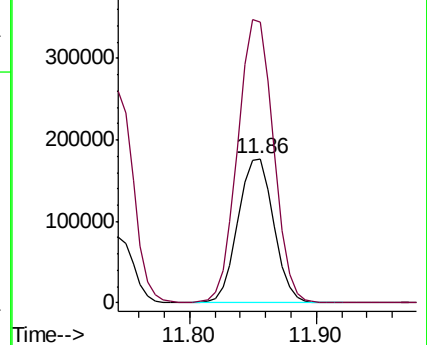
106 100

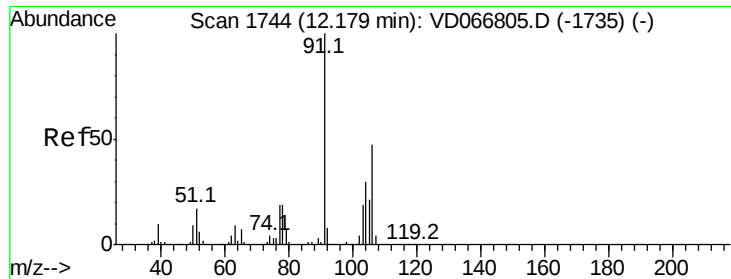
91 196.8 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

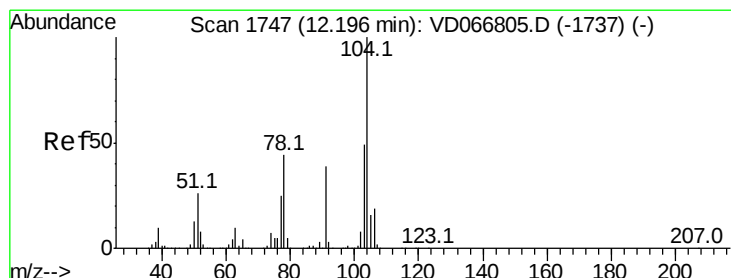
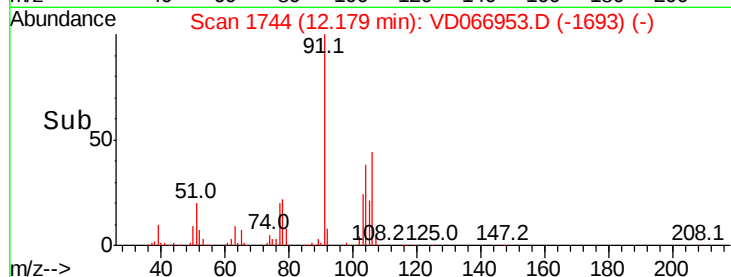
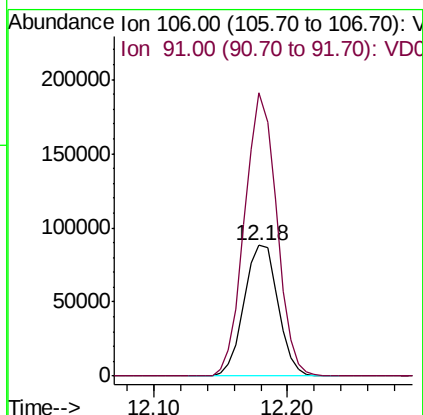
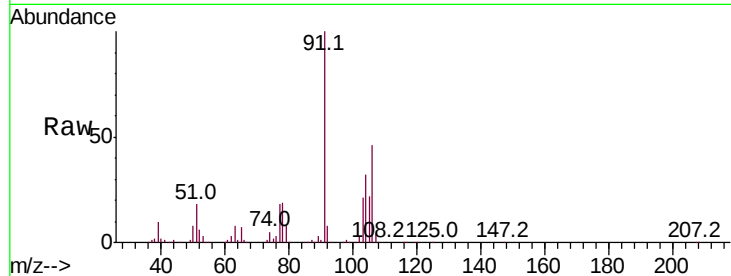




#69  
o-Xylene  
Concen: 20.763 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

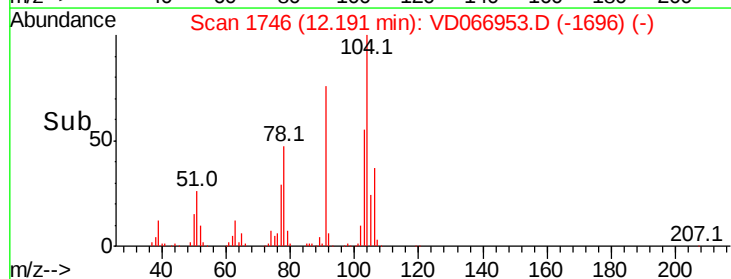
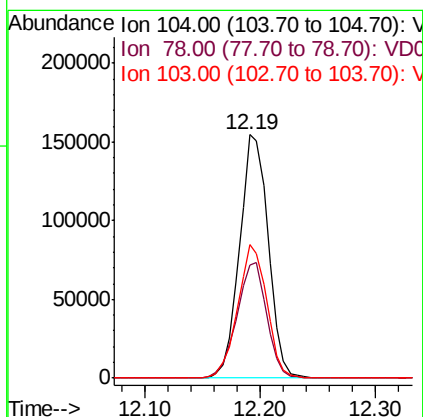
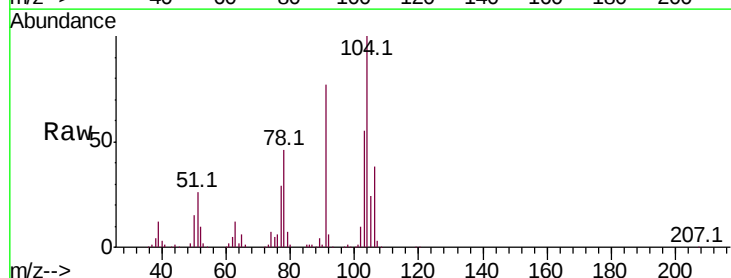
Instrument :  
MSVOA\_D  
ClientSampleID :  
VW0929SBSD02

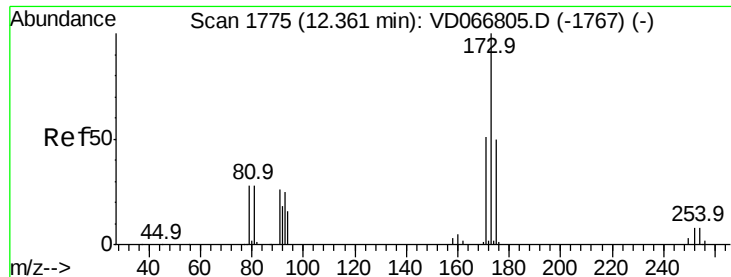
Tot Ion:106 Resp: 154840  
Ion Ratio Lower Upper  
106 100  
91 205.5 106.3 318.8



#70  
Styrene  
Concen: 20.612 ug/l  
RT: 12.19 min Scan# 1746  
Delta R.T. -0.01 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion:104 Resp: 266940  
Ion Ratio Lower Upper  
104 100  
78 49.3 38.9 58.3  
103 55.5 43.2 64.8





#71

Bromoform

Concen: 22.043 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

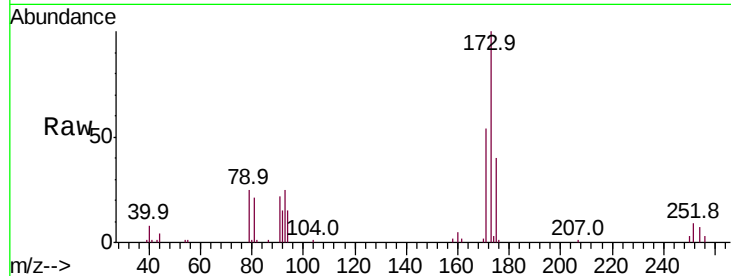
Tot Ion:173 Resp: 52389

Ion Ratio Lower Upper

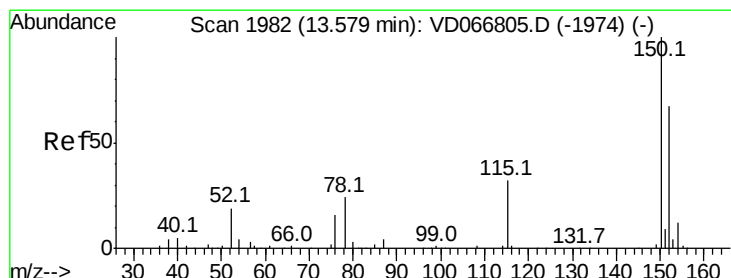
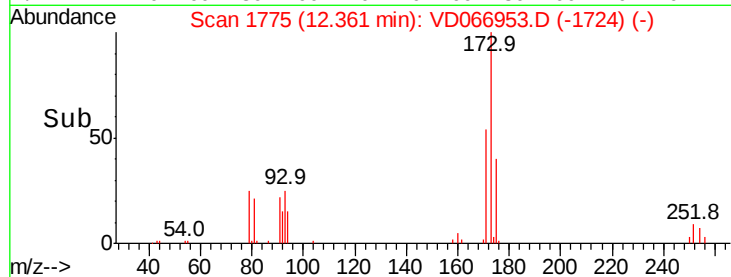
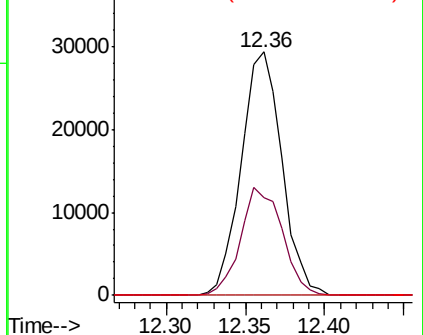
173 100

175 45.4 24.9 74.6

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. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

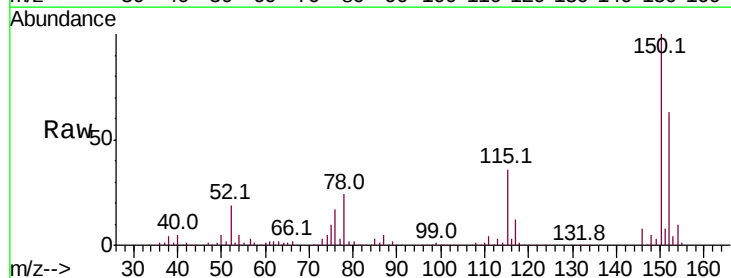
Tgt Ion:152 Resp: 284937

Ion Ratio Lower Upper

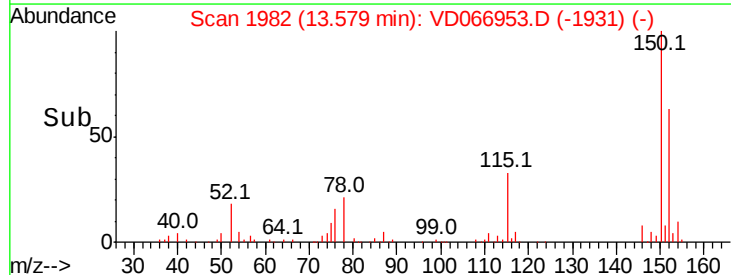
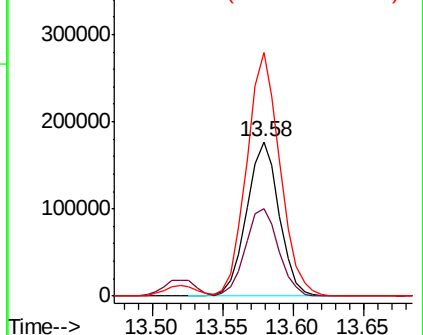
152 100

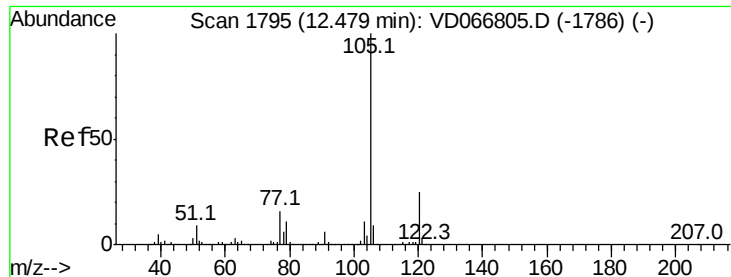
115 57.9 30.3 91.0

150 162.2 0.0 346.2



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: 20.654 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

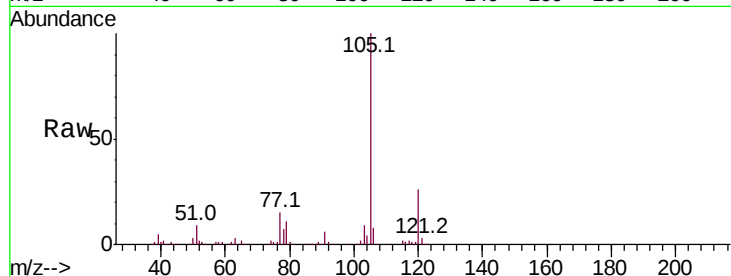
VW0929SBS02

Tot Ion:105 Resp: 425133

Ion Ratio Lower Upper

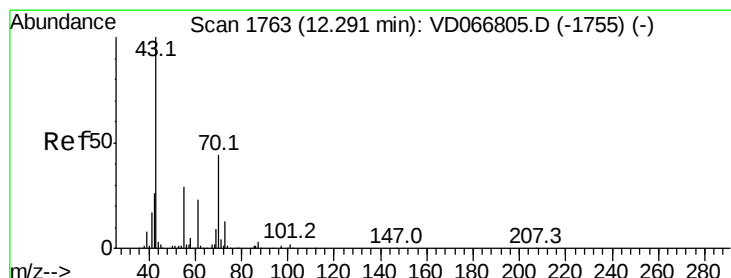
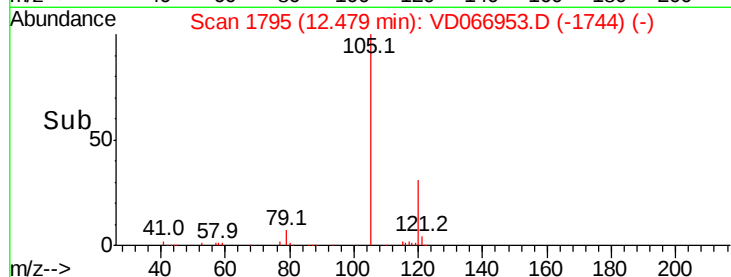
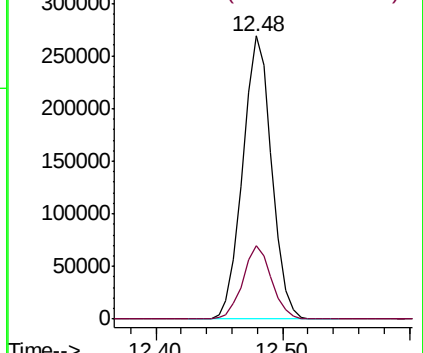
105 100

120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.514 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Tgt Ion: 43 Resp: 74422

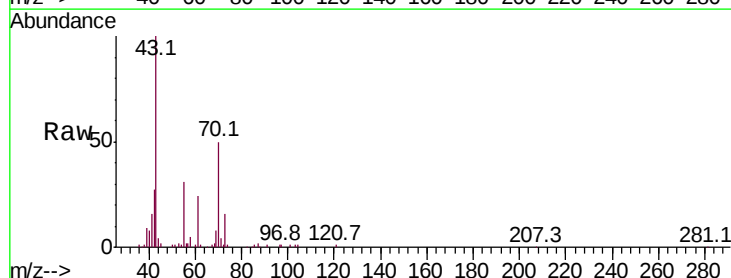
Ion Ratio Lower Upper

43 100

70 47.5 36.1 54.1

55 30.1 21.8 32.8

61 24.9 19.0 28.4

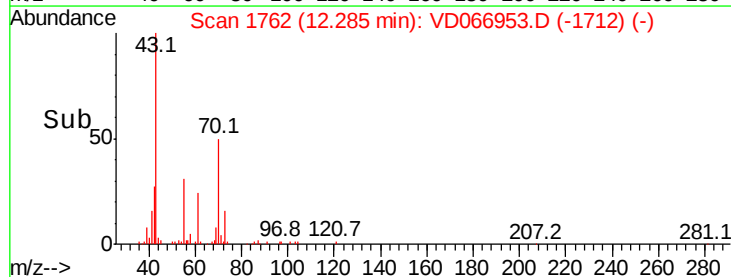
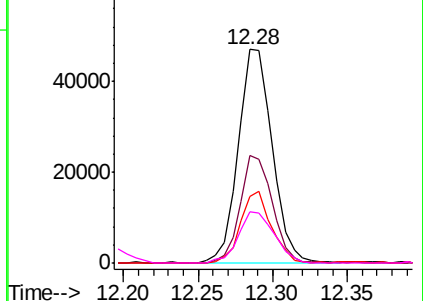


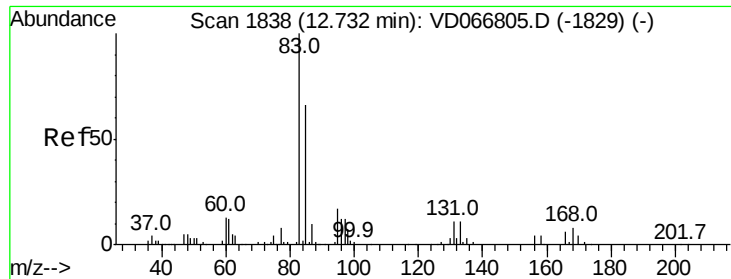
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.749 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

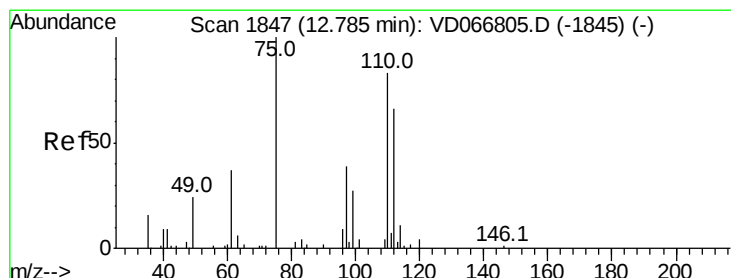
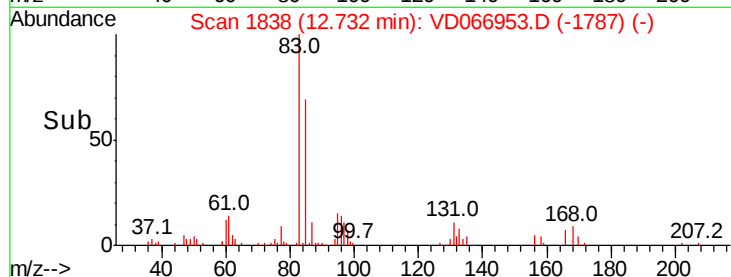
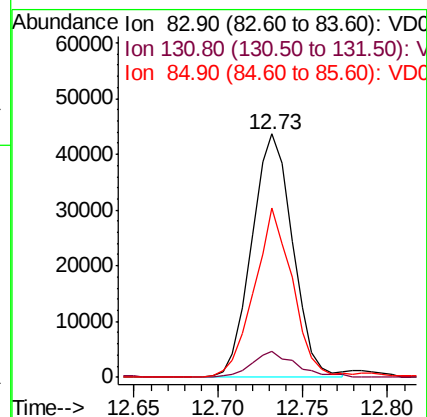
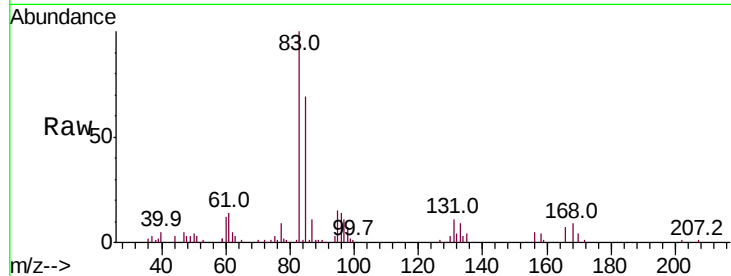
Tot Ion: 83 Resp: 73697

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.7

85 65.5 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 39.325 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066953.D

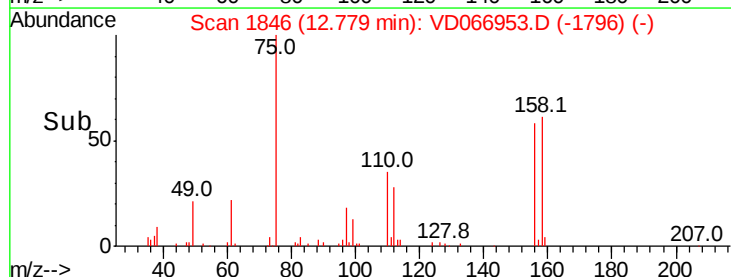
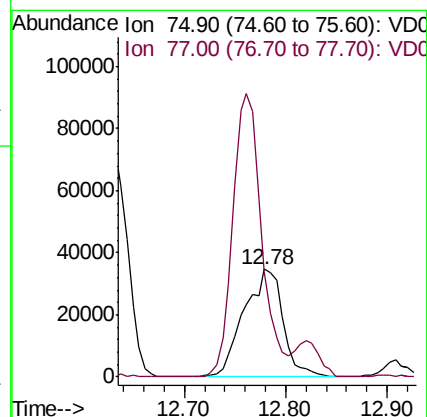
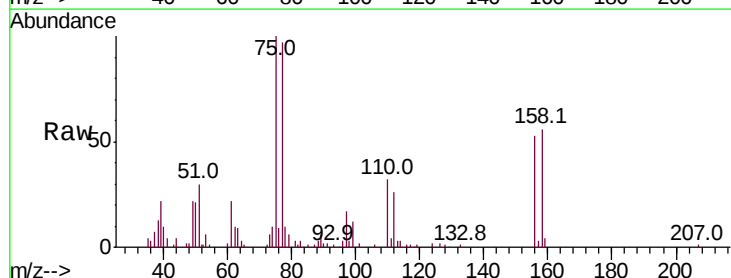
Acq: 29 Sep 2020 23:09

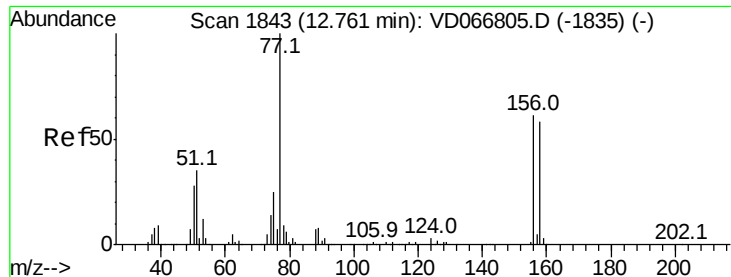
Tgt Ion: 75 Resp: 92860

Ion Ratio Lower Upper

75 100

77 194.0 0.0 0.0#





#77

Bromobenzene

Concen: 21.066 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

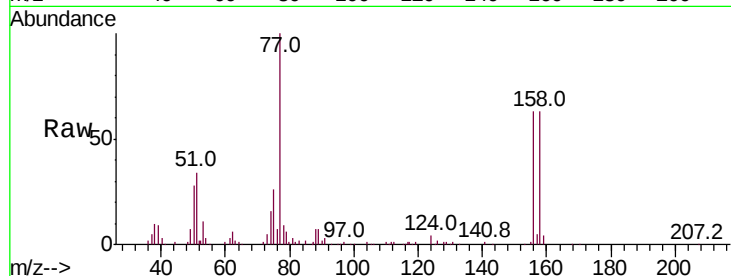
Tot Ion:156 Resp: 101415

Ion Ratio Lower Upper

156 100

77 177.6 92.3 276.9

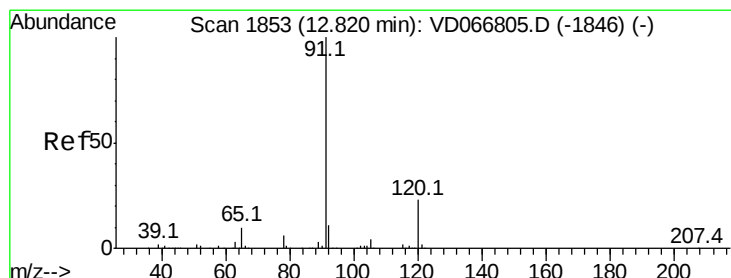
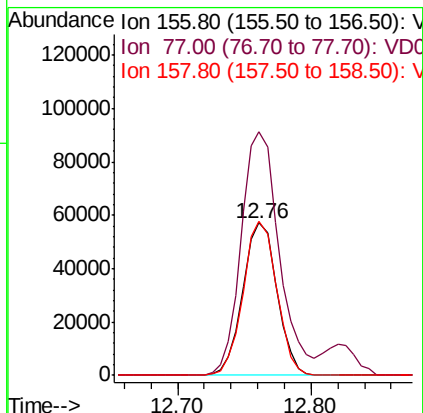
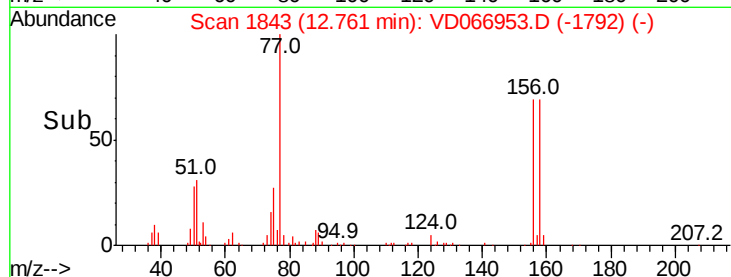
158 98.6 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.079 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066953.D

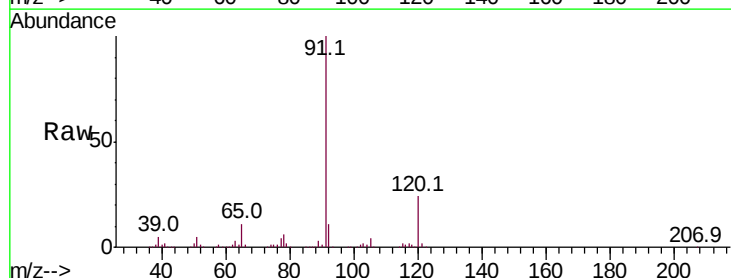
Acq: 29 Sep 2020 23:09

Tgt Ion: 91 Resp: 497216

Ion Ratio Lower Upper

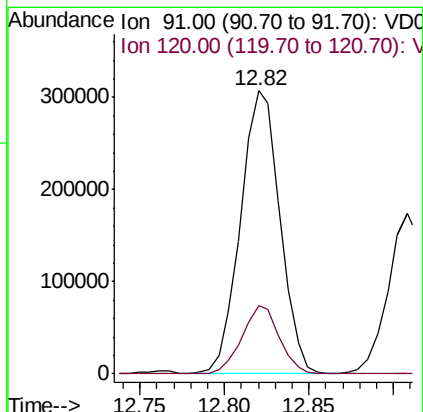
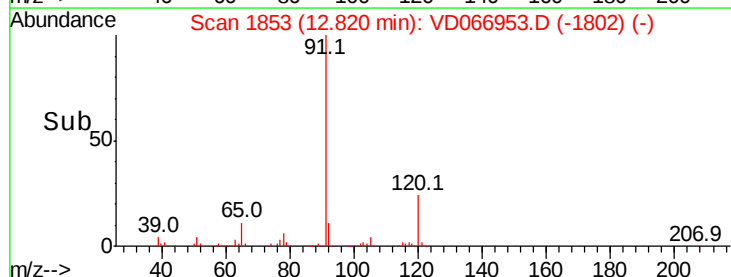
91 100

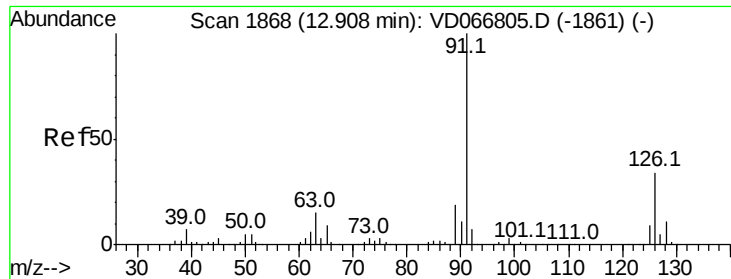
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V

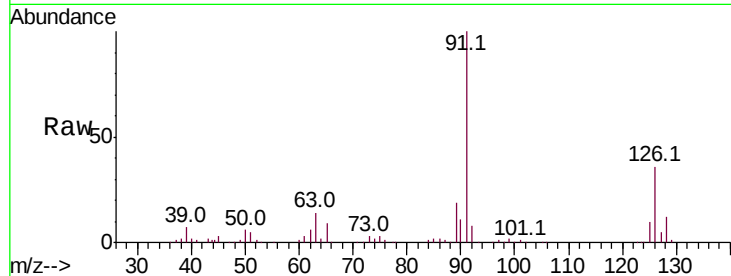




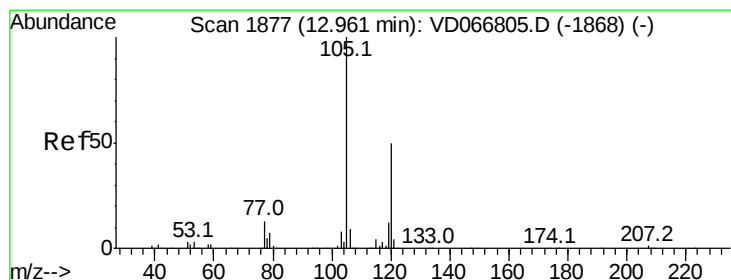
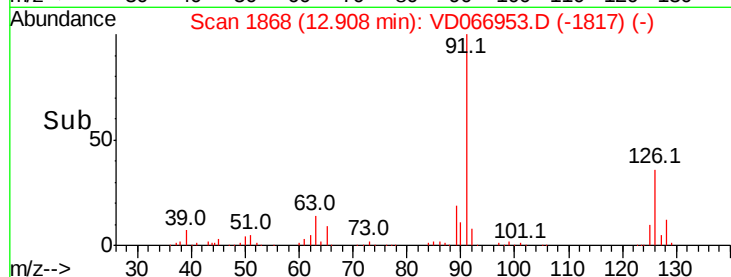
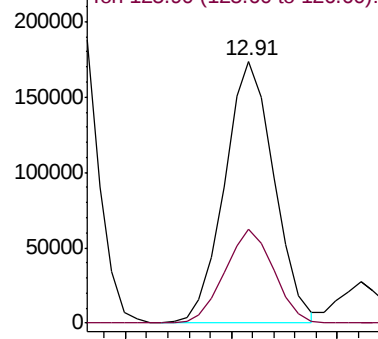
#79  
2-Chlorotoluene  
Concen: 20.033 ug/l  
RT: 12.91 min Scan# 1868  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

Tot Ion: 91 Resp: 282700  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.0 51.0

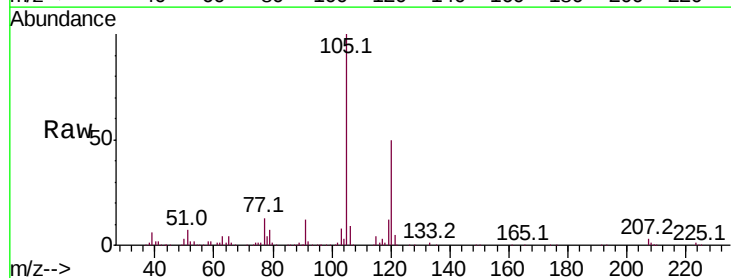


Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 125.90 (125.60 to 126.60): V

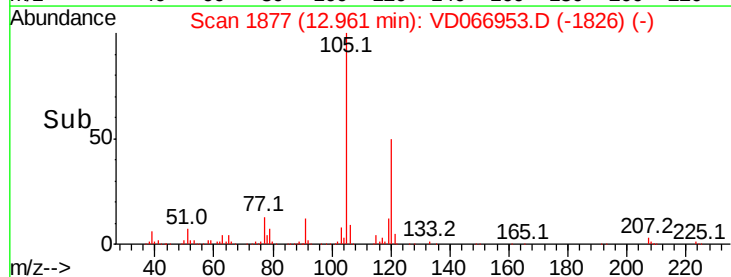
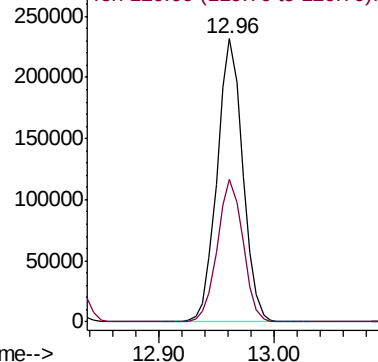


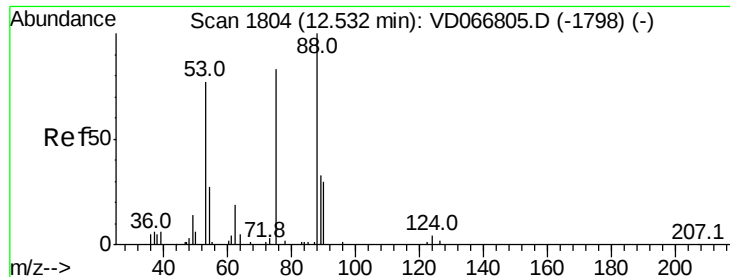
#80  
1,3,5-Trimethylbenzene  
Concen: 20.504 ug/l  
RT: 12.96 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion:105 Resp: 358119  
Ion Ratio Lower Upper  
105 100  
120 50.3 24.4 73.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 23.356 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBSD02

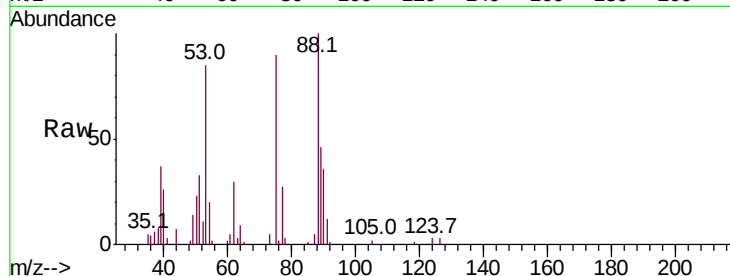
Tot Ion: 75 Resp: 22044

Ion Ratio Lower Upper

75 100

53 84.6 78.5 117.7

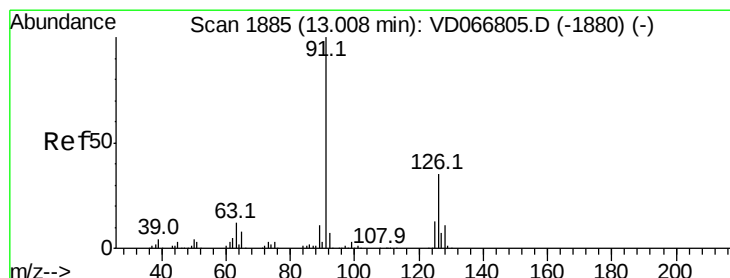
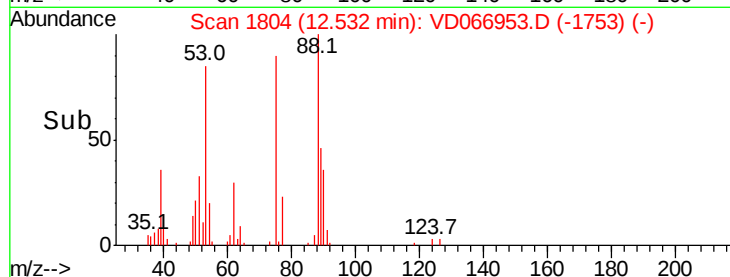
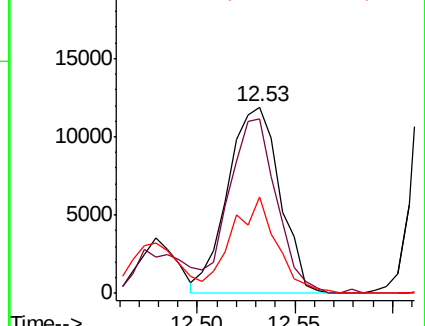
89 44.6 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.671 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066953.D

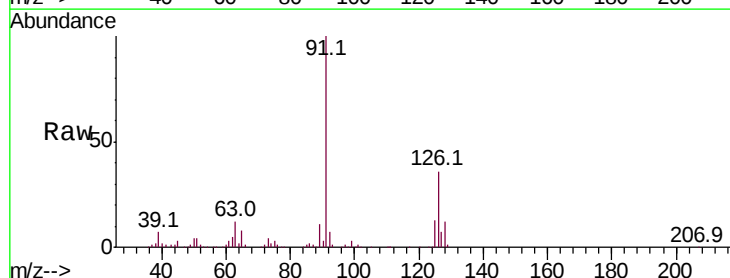
Acq: 29 Sep 2020 23:09

Tgt Ion: 91 Resp: 307483

Ion Ratio Lower Upper

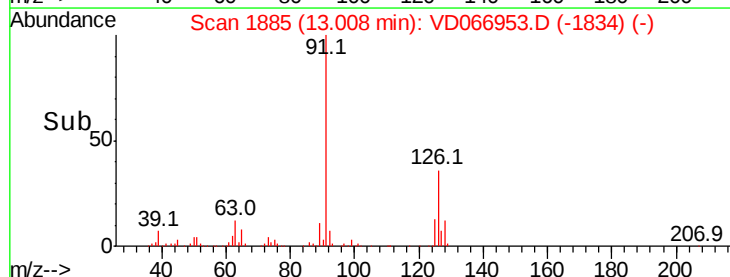
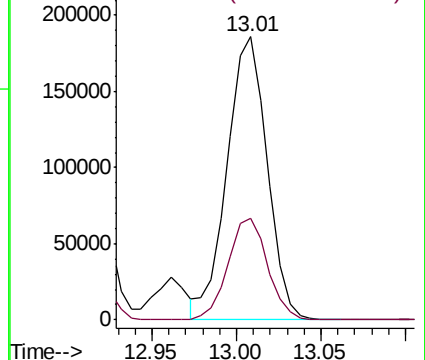
91 100

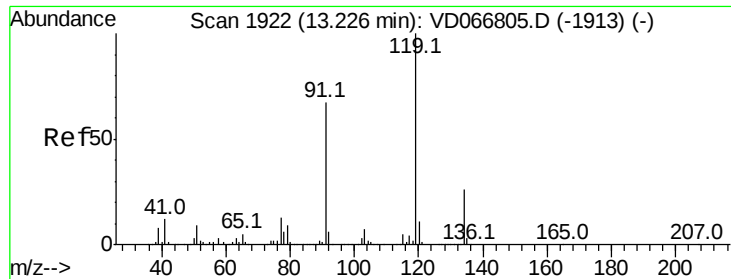
126 35.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

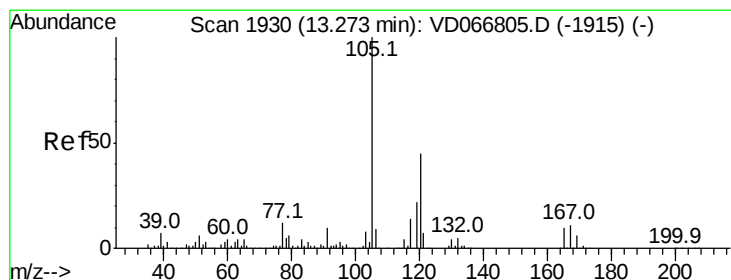
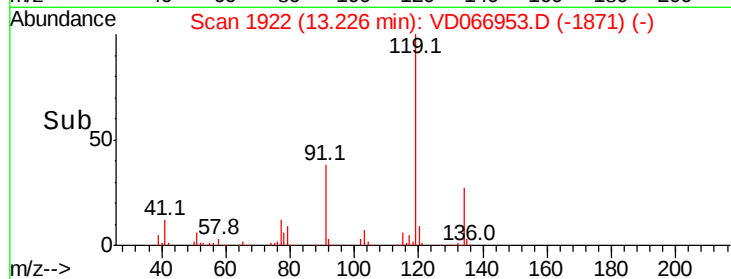
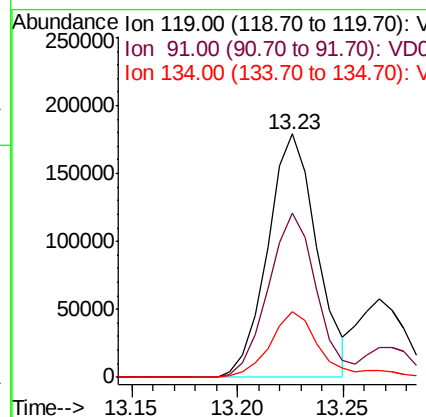
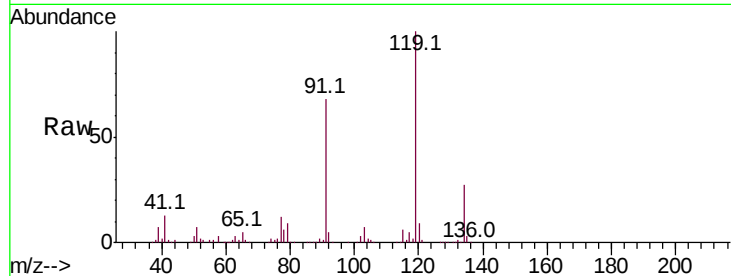




#83  
tert-Butylbenzene  
Concen: 20.223 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

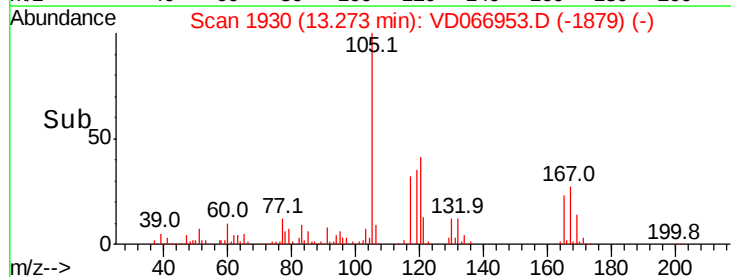
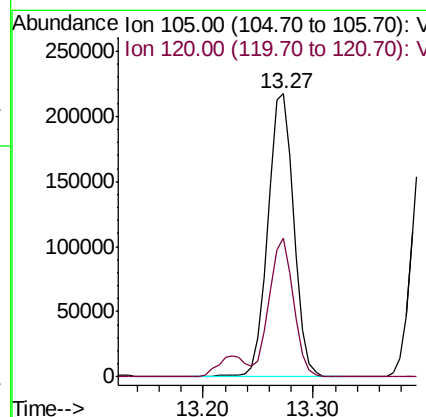
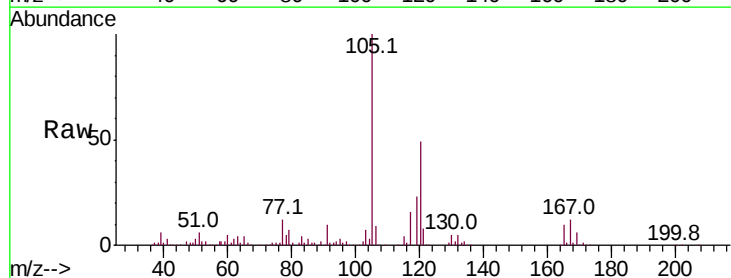
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

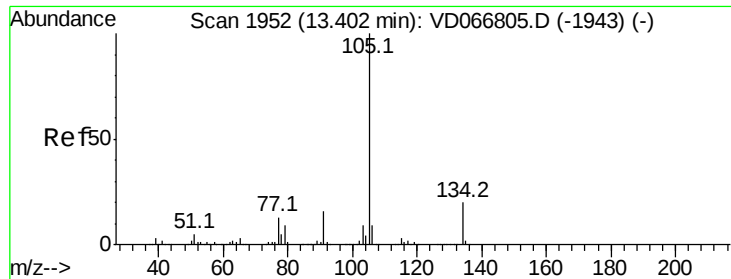
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 66.7  | 33.6  | 100.8 |
| 134     | 28.0  | 13.5  | 40.4  |



#84  
1,2,4-Trimethylbenzene  
Concen: 20.696 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.0  | 22.3  | 66.9  |





#85

sec-Butylbenzene

Concen: 19.835 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

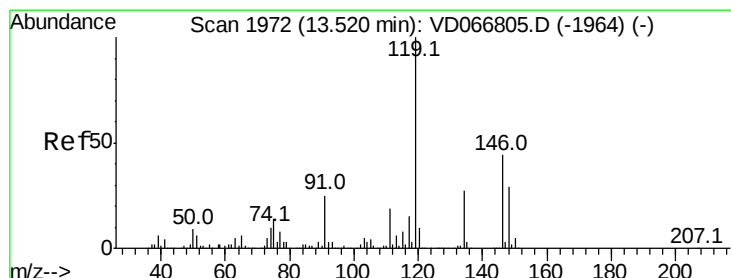
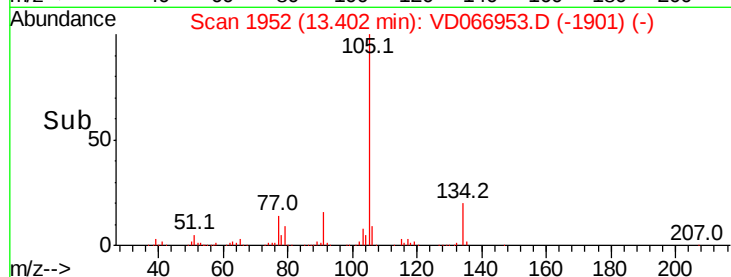
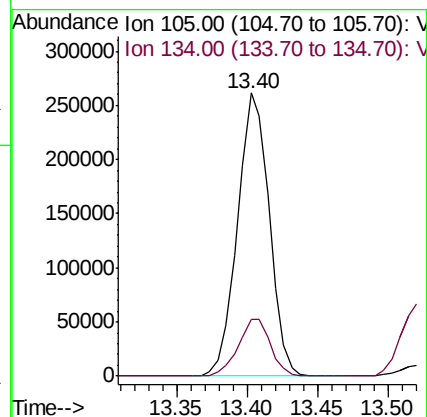
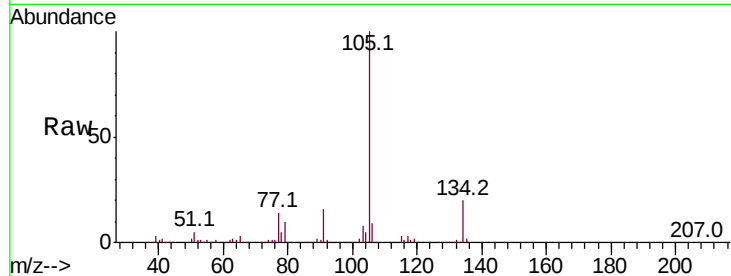
VW0929SBSD02

Tot Ion:105 Resp: 409351

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.069 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

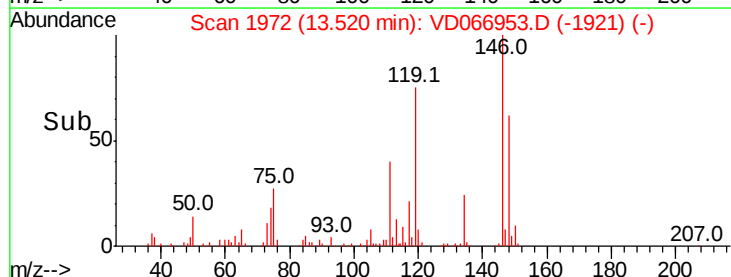
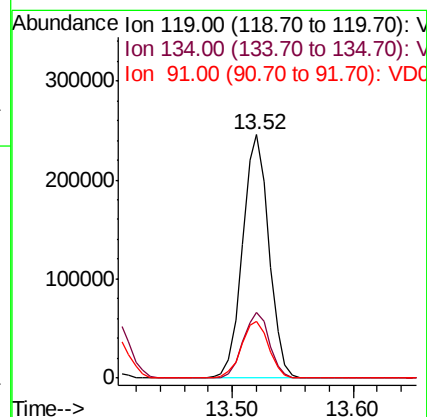
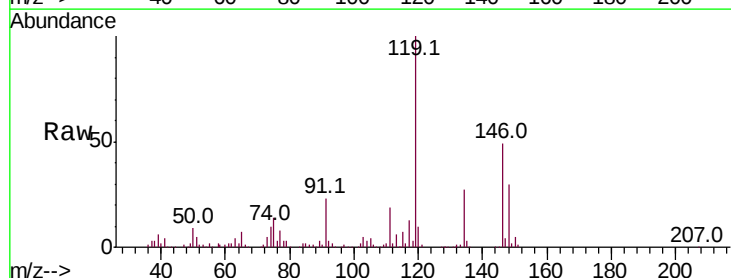
Tgt Ion:119 Resp: 373344

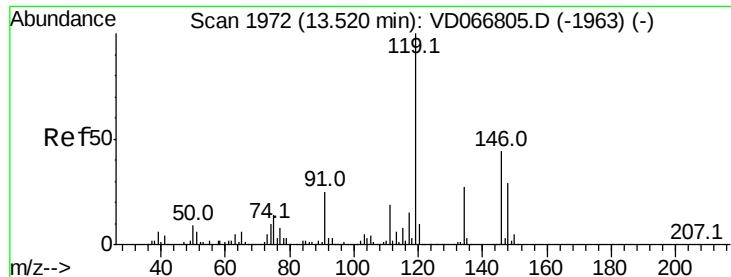
Ion Ratio Lower Upper

119 100

134 27.1 13.0 38.9

91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.570 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleId :

VW0929SBS02

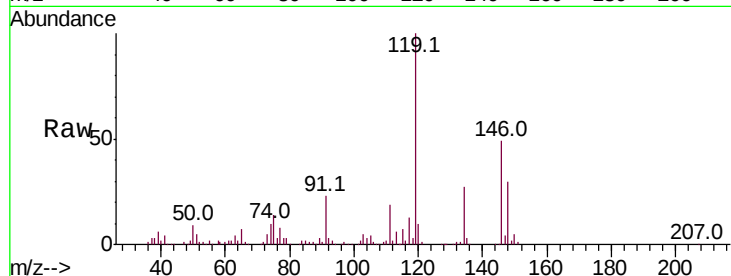
Tot Ion:146 Resp: 195639

Ion Ratio Lower Upper

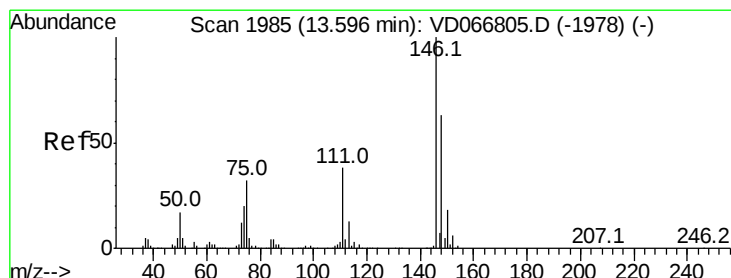
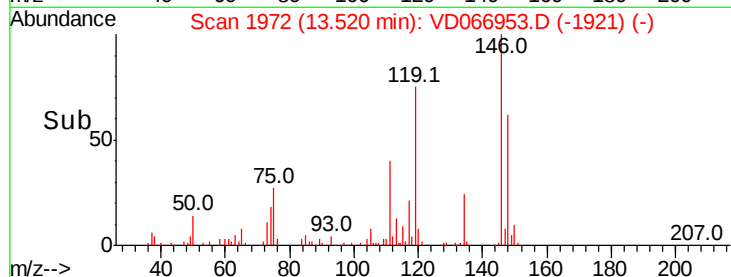
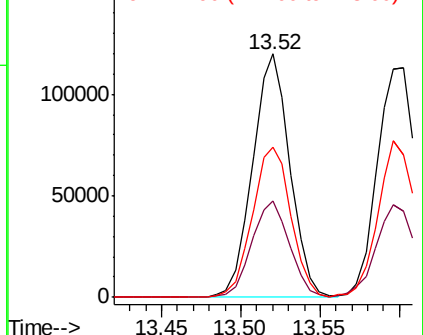
146 100

111 40.1 20.3 60.9

148 63.8 31.9 95.5



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: 20.620 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

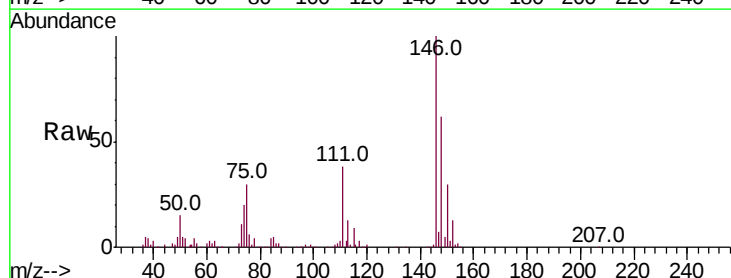
Tgt Ion:146 Resp: 194788

Ion Ratio Lower Upper

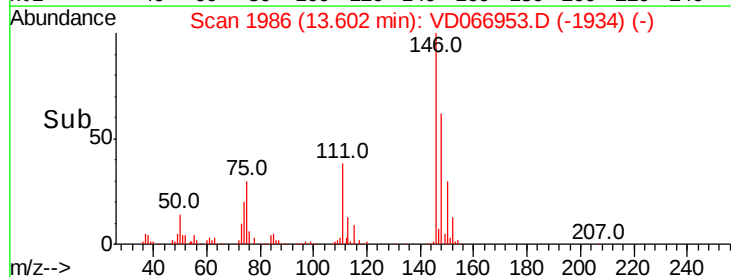
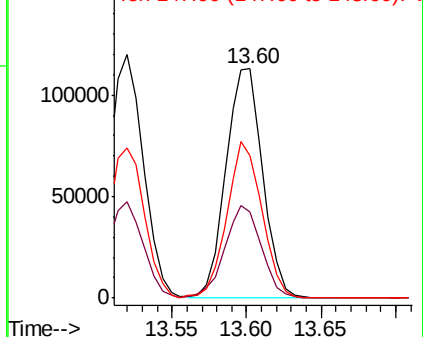
146 100

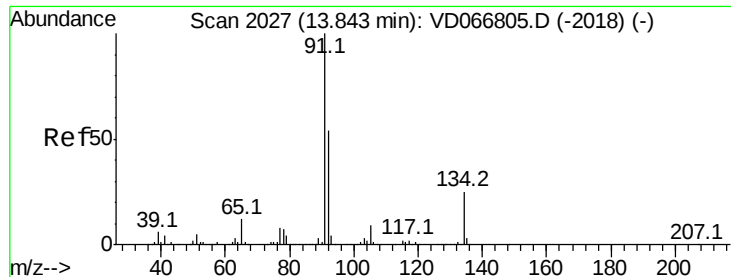
111 40.0 20.2 60.5

148 64.8 31.6 94.7



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

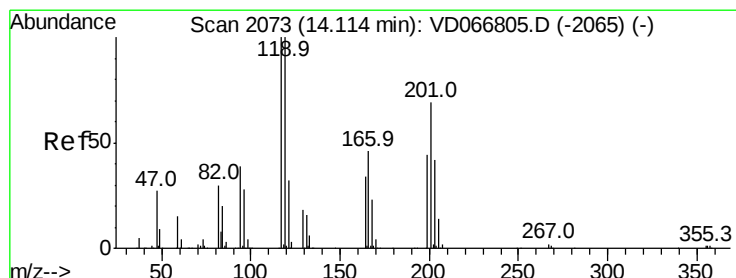
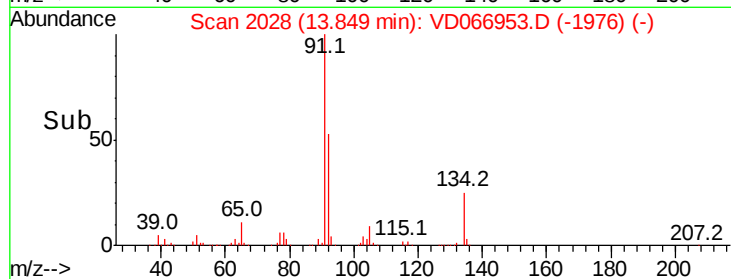
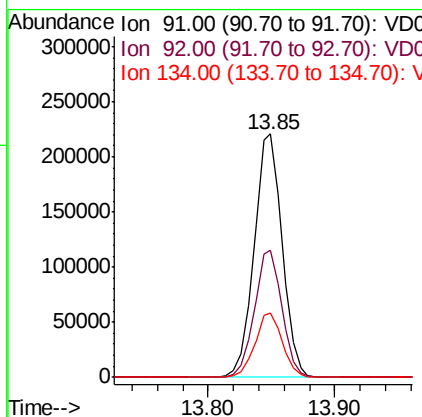
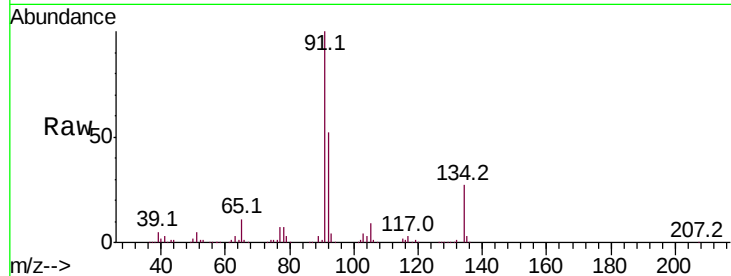




#89  
n-Butylbenzene  
Concen: 19.256 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

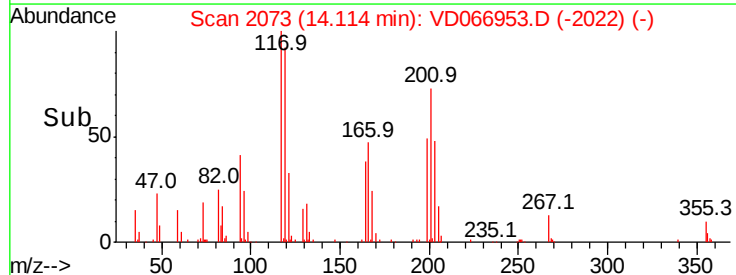
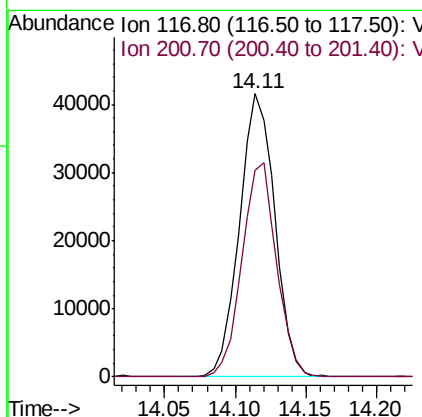
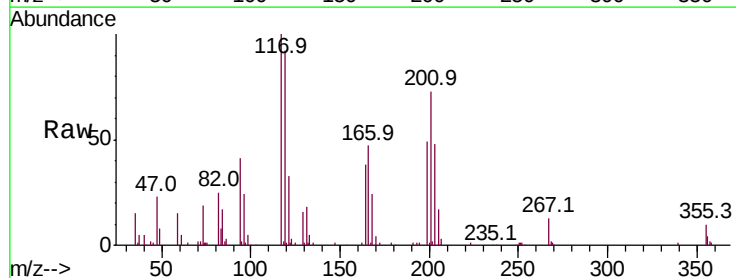
Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBS02

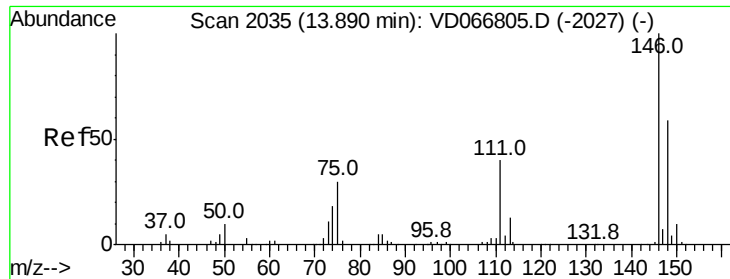
Tot Ion: 91 Resp: 340478  
Ion Ratio Lower Upper  
91 100  
92 51.3 26.7 80.0  
134 26.0 13.1 39.1



#90  
Hexachloroethane  
Concen: 19.266 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion: 117 Resp: 72763  
Ion Ratio Lower Upper  
117 100  
201 74.2 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 21.366 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

Instrument :

MSVOA\_D

ClientSampleID :

VW0929SBSD02

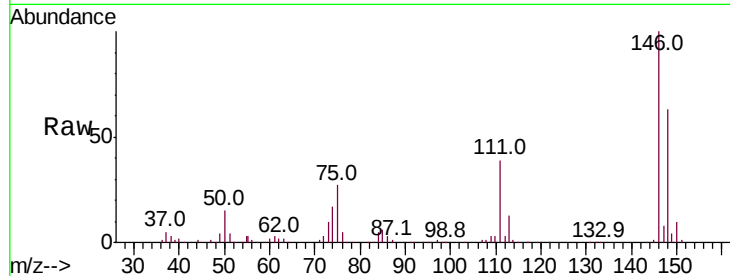
Tot Ion:146 Resp: 173856

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.7

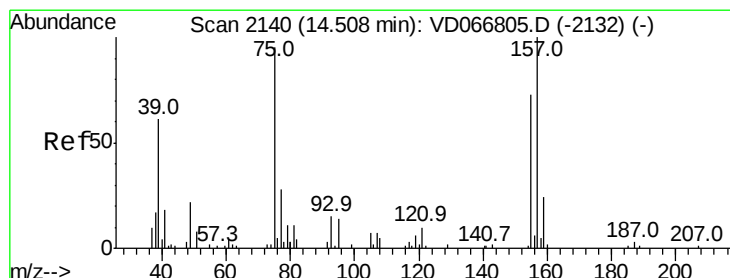
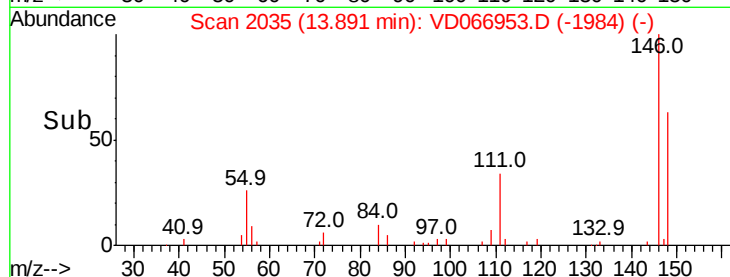
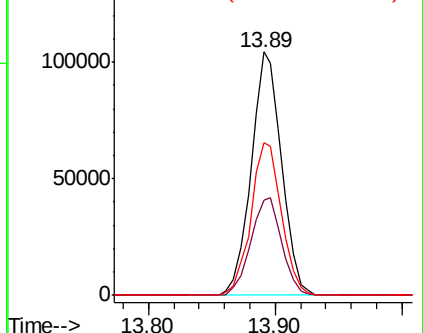
148 63.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.502 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VD066953.D

Acq: 29 Sep 2020 23:09

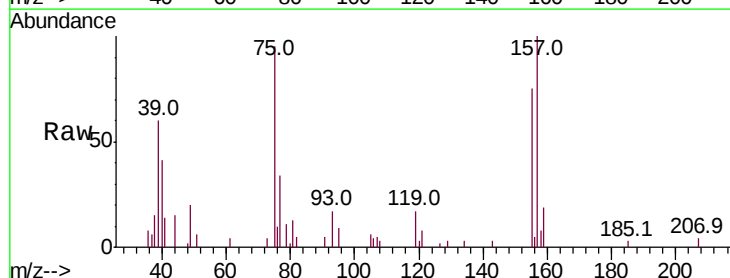
Tgt Ion: 75 Resp: 11714

Ion Ratio Lower Upper

75 100

155 83.9 40.4 121.2

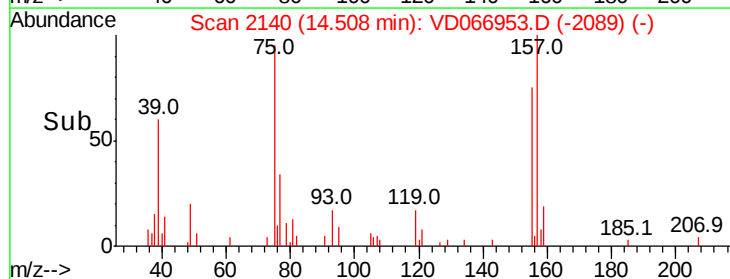
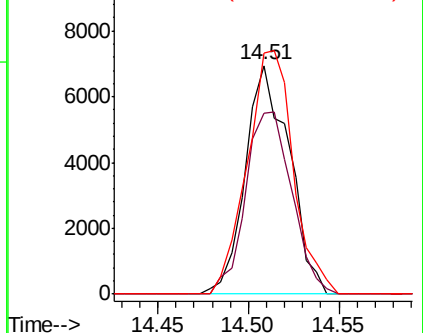
157 111.7 51.3 153.9

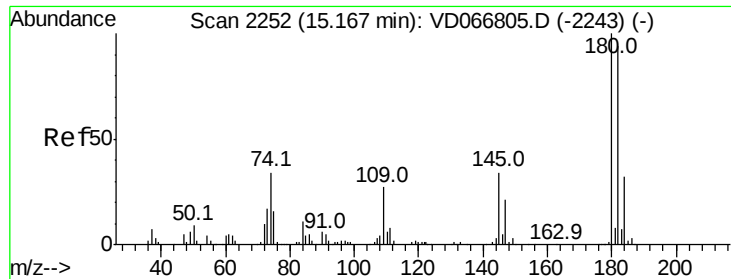


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

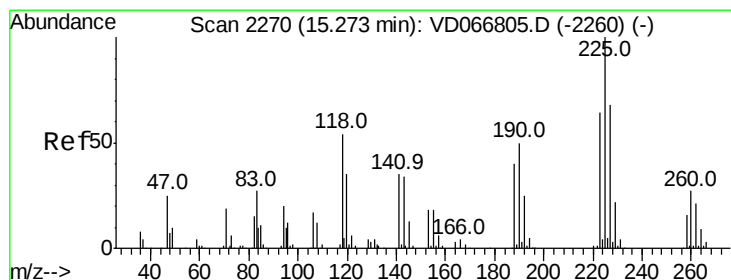
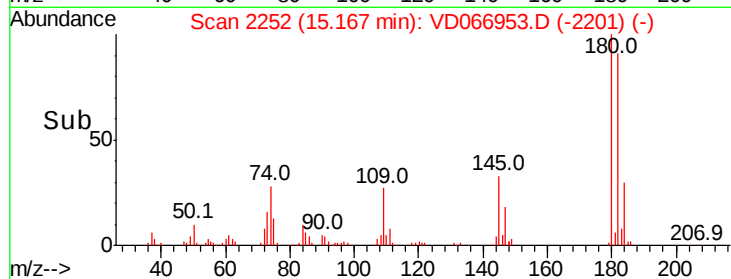
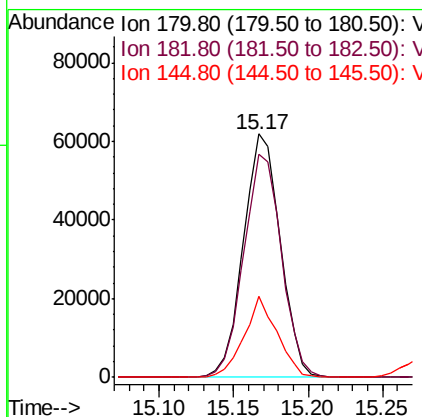
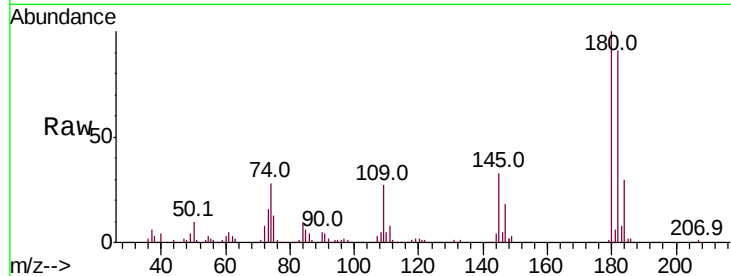




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.686 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

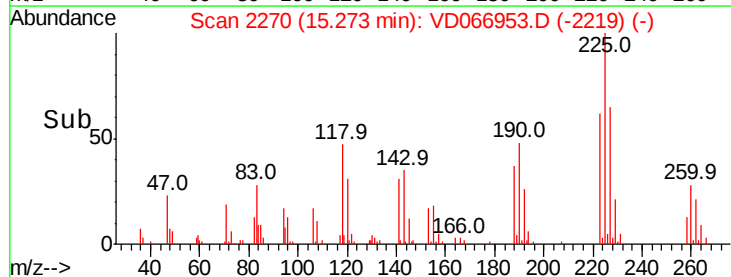
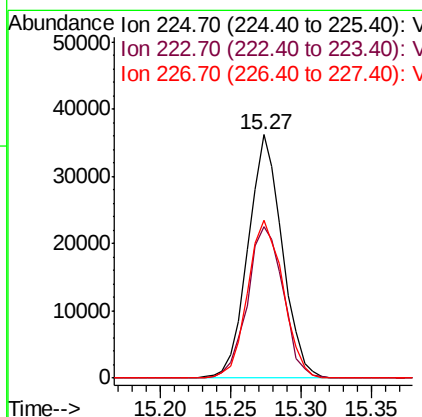
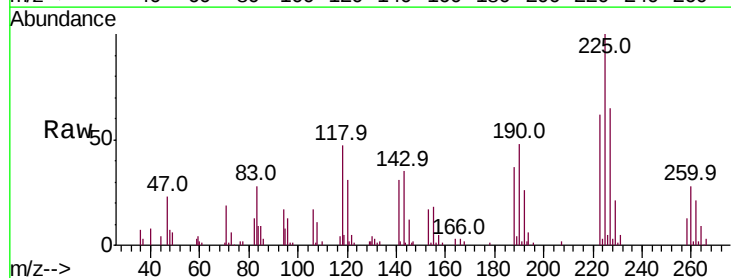
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VW0929SBSD02

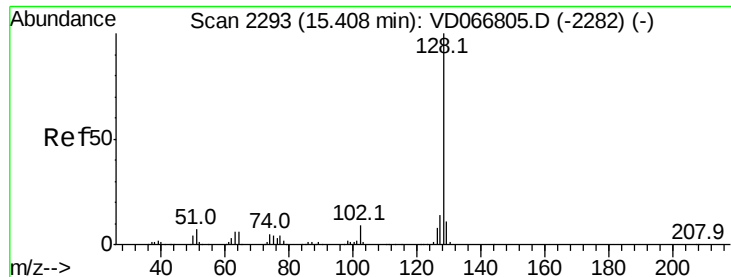
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 48.8  | 146.3 |
| 145     | 29.7  | 16.7  | 50.0  |



#94  
 Hexachlorobutadiene  
 Concen: 19.975 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD066953.D  
 Acq: 29 Sep 2020 23:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.0  | 31.1  | 93.3  |
| 227     | 67.3  | 31.7  | 95.1  |

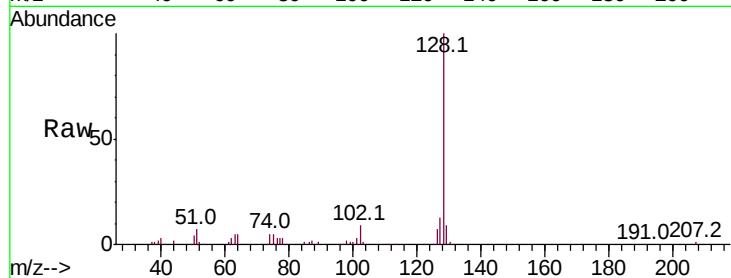




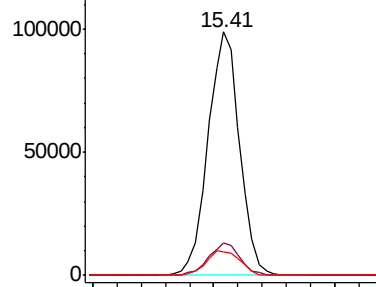
#95  
Naphthalene  
Concen: 20.637 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Instrument :  
MSVOA\_D  
ClientSampleId :  
VW0929SBSD02

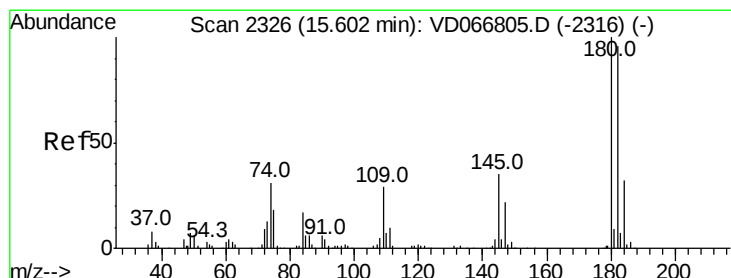
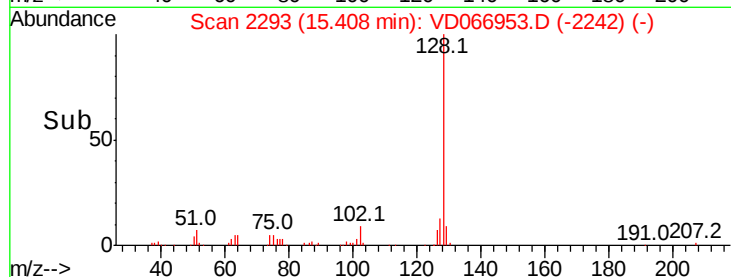
Tot Ion:128 Resp: 179470  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 16.0  
129 10.8 8.9 13.3



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

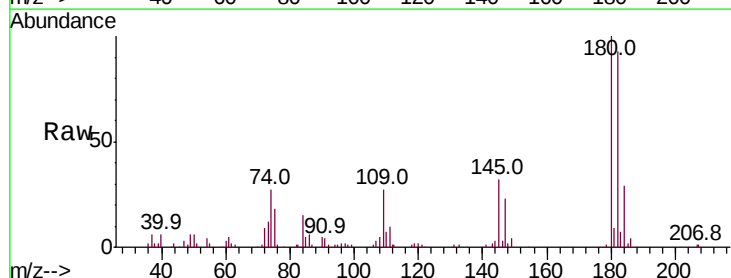


Time--> 15.30 15.40 15.50

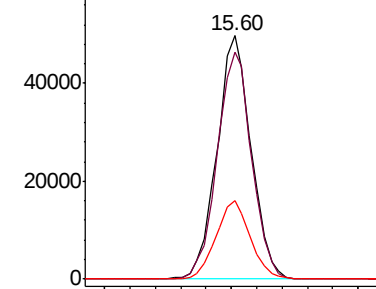


#96  
1,2,3-Trichlorobenzene  
Concen: 21.017 ug/l  
RT: 15.60 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: VD066953.D  
Acq: 29 Sep 2020 23:09

Tgt Ion:180 Resp: 92921  
Ion Ratio Lower Upper  
180 100  
182 94.3 46.8 140.3  
145 32.3 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V



Time--> 15.50 15.60

