

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\  
 Data File : VD063290.D  
 Acq On : 1 Aug 2019 13:02  
 Operator : VA/AP  
 Sample : K4106-01RE  
 Misc : 5.05g/5ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-01

Quant Time: Aug 02 07:24:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 1157794  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.20  | 114  | 1650562  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1218620  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 493127   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.43  | 65   | 502634   | 39.13 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 78.26% |          |
| 35) Dibromofluoromethane    | 6.90  | 113  | 569702   | 40.43 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 80.86% |          |
| 50) Toluene-d8              | 10.40 | 98   | 1146592  | 36.36 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 72.72% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 457591   | 31.84 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 63.68% |          |

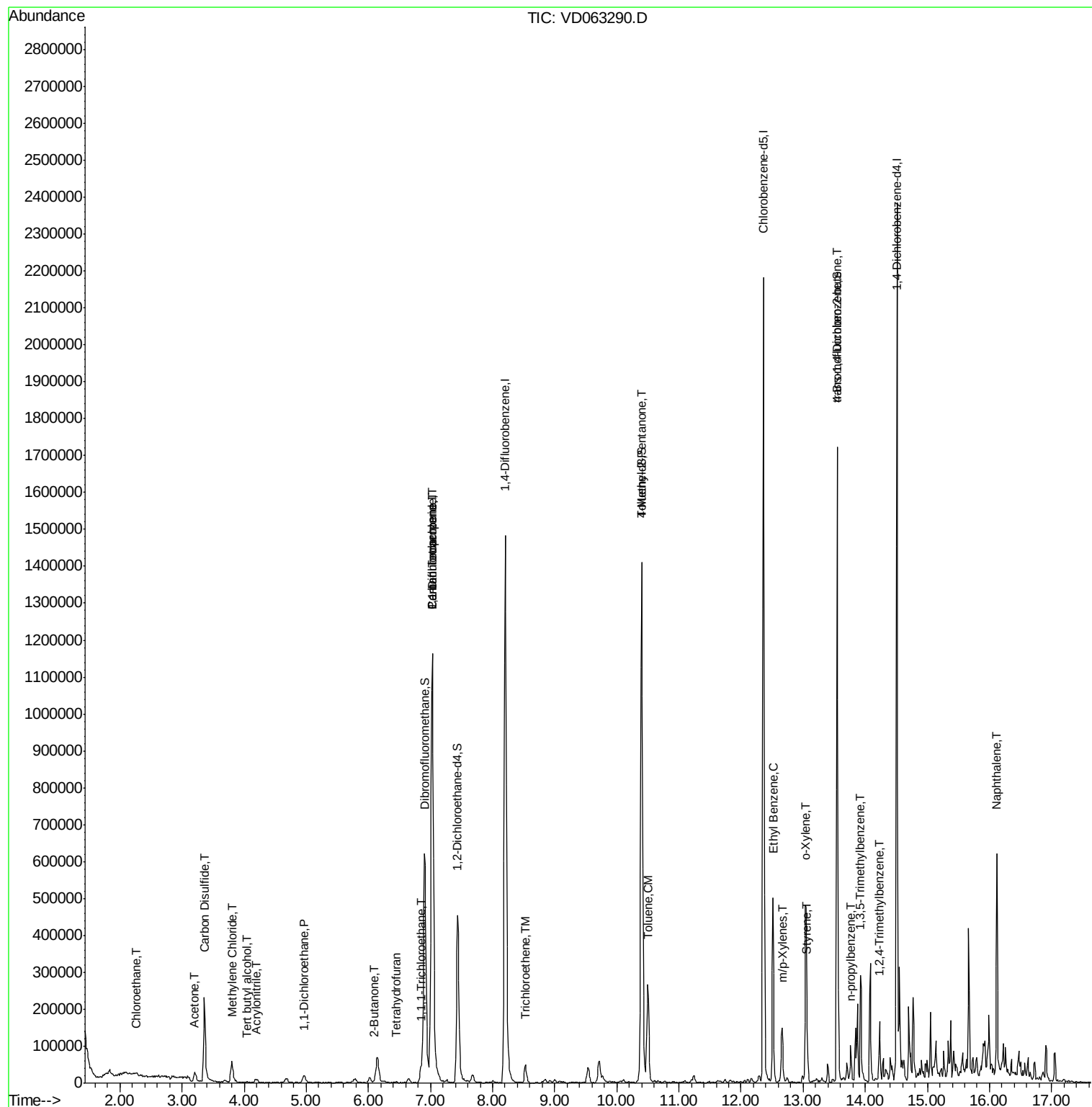
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 6) Chloroethane                | 2.26  | 64   | 5553     | 1.057     | ug/l   | 98     |
| 11) Tert butyl alcohol         | 4.03  | 59   | 2485     | 4.408     | ug/l # | 69     |
| 15) Acrylonitrile              | 4.19  | 53   | 7903     | 5.407     | ug/l # | 77     |
| 16) Acetone                    | 3.20  | 43   | 48823    | 19.505    | ug/l   | 96     |
| 17) Carbon Disulfide           | 3.36  | 76   | 372014   | 12.377    | ug/l   | 96     |
| 20) Methylene Chloride         | 3.80  | 84   | 31916    | 3.154     | ug/l # | 91     |
| 24) 1,1-Dichloroethane         | 4.97  | 63   | 31712    | 1.737     | ug/l # | 94     |
| 25) 2-Butanone                 | 6.08  | 43   | 2665     | 1.061     | ug/l # | 88     |
| 29) Tetrahydrofuran            | 6.45  | 42   | 1558     | 1.310     | ug/l # | 43     |
| 32) 1,1,1-Trichloroethane      | 6.84  | 97   | 47567    | 2.171     | ug/l # | 90     |
| 36) 1,1-Dichloropropene        | 7.02  | 75   | 84861    | 5.634     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 7.03  | 117  | 110194   | 4.859     | ug/l # | 15     |
| 44) Trichloroethene            | 8.53  | 130  | 22263    | 1.740     | ug/l   | 96     |
| 49) 1,4-Dioxane                | 9.35  | 88   | 178      | Below Cal | #      | 1      |
| 51) 4-Methyl-2-Pentanone       | 10.39 | 43   | 9395     | 1.598     | ug/l # | 1      |
| 52) Toluene                    | 10.50 | 92   | 143000   | 6.810     | ug/l   | 97     |
| 67) Ethyl Benzene              | 12.51 | 91   | 326658   | 8.204     | ug/l   | 99     |
| 68) m/p-Xylenes                | 12.66 | 106  | 43207    | 2.959     | ug/l   | 94     |
| 69) o-Xylene                   | 13.04 | 106  | 117775   | 8.783     | ug/l   | 96     |
| 70) Styrene                    | 13.07 | 104  | 51287    | 2.157     | ug/l   | 97     |
| 78) n-propylbenzene            | 13.76 | 91   | 59325    | 1.611     | ug/l   | 94     |
| 80) 1,3,5-Trimethylbenzene     | 13.92 | 105  | 139595   | 5.229     | ug/l   | 98     |
| 81) trans-1,4-Dichloro-2-buten | 13.55 | 75   | 206879   | 125.784   | ug/l # | 3      |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 66006    | 2.391     | ug/l   | 94     |
| 95) Naphthalene                | 16.12 | 128  | 323607   | 21.215    | ug/l   | 99     |

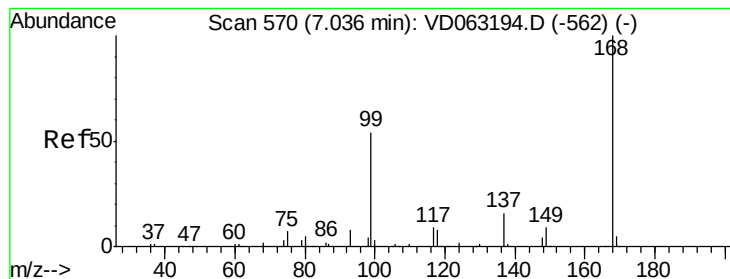
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\  
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Sample : K4106-01RE  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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WC-01

Quant Time: Aug 02 07:24:12 2019  
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Quant Title : SW846 8260  
QLast Update : Tue Jul 30 03:04:50 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampleId :

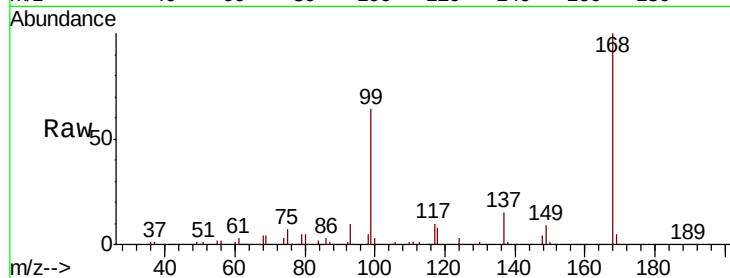
WC-01

Tot Ion:168 Resp: 1157794

Ion Ratio Lower Upper

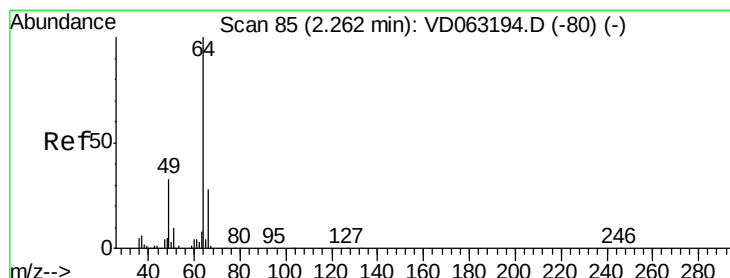
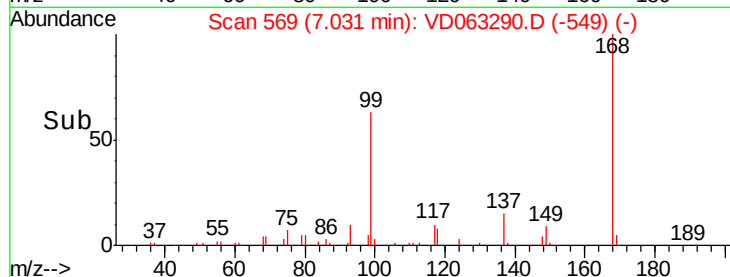
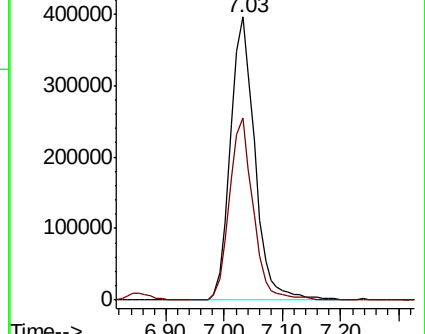
168 100

99 64.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#6

Chloroethane

Concen: 1.057 ug/l

RT: 2.26 min Scan# 84

Delta R.T. -0.00 min

Lab File: VD063290.D

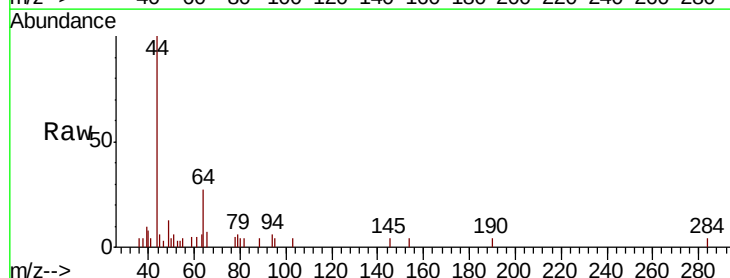
Acq: 1 Aug 2019 13:02

Tgt Ion: 64 Resp: 5553

Ion Ratio Lower Upper

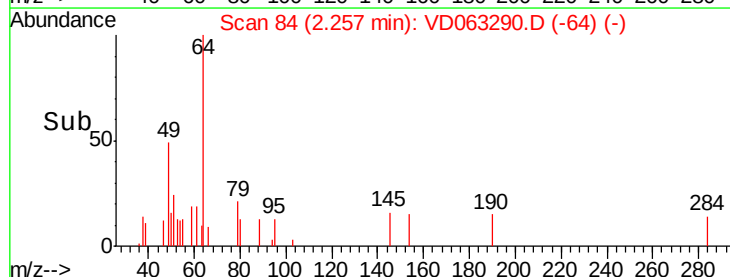
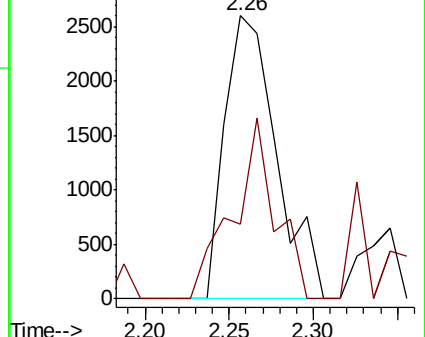
64 100

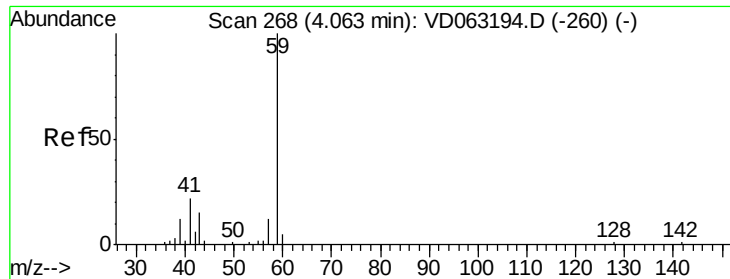
66 26.5 22.2 33.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

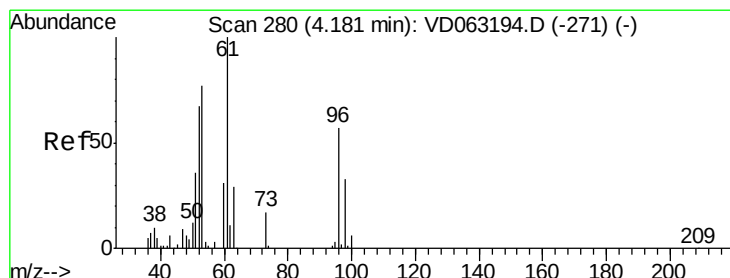
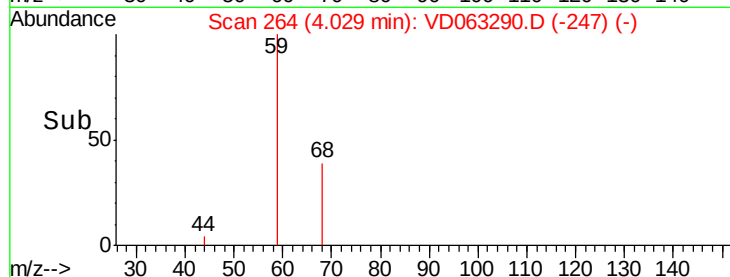
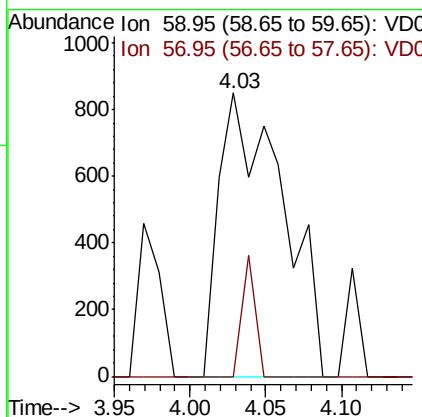
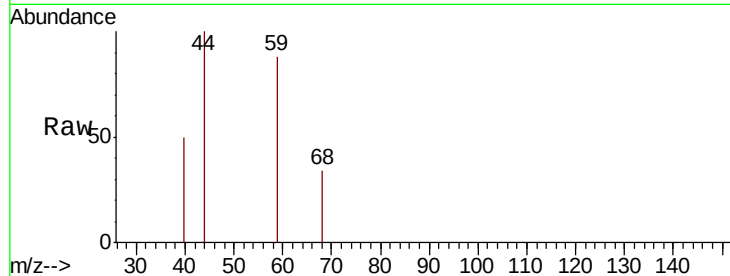




#11  
Tert butyl alcohol  
Concen: 4.408 ug/l  
RT: 4.03 min Scan# 264  
Delta R.T. -0.03 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

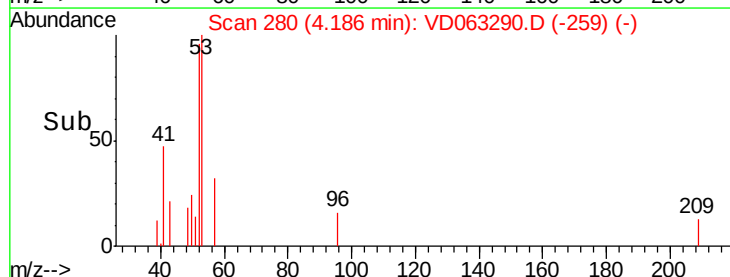
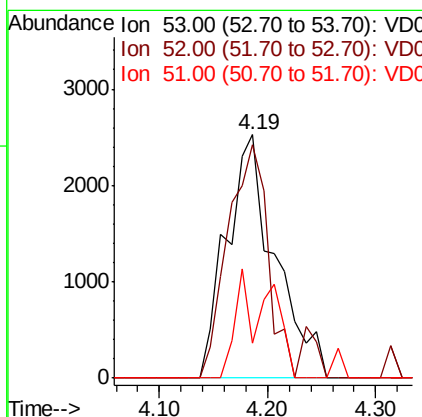
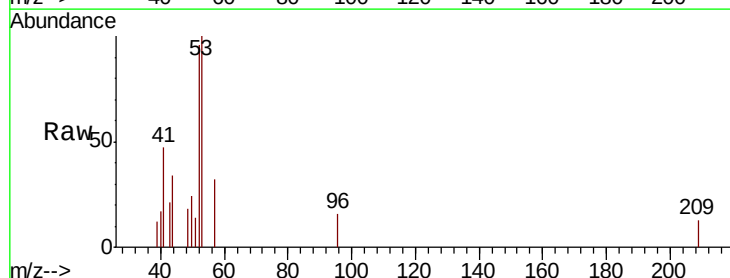
Instrument :  
MSVOA\_D  
ClientSampled :  
WC-01

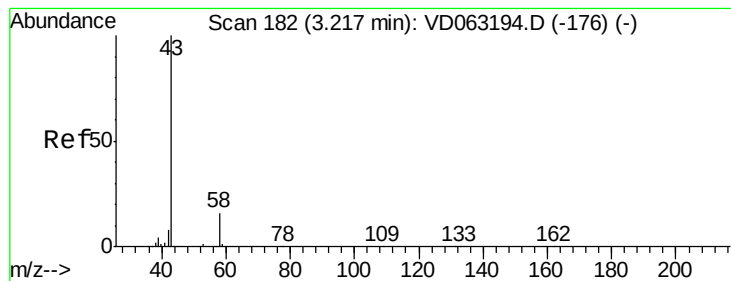
Tot Ion: 59 Resp: 2485  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.6 14.4#



#15  
Acrylonitrile  
Concen: 5.407 ug/l  
RT: 4.19 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

Tgt Ion: 53 Resp: 7903  
Ion Ratio Lower Upper  
53 100  
52 95.6 69.7 104.5  
51 14.4 37.4 56.0#





#16

Acetone

Concen: 19.505 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.01 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampleId :

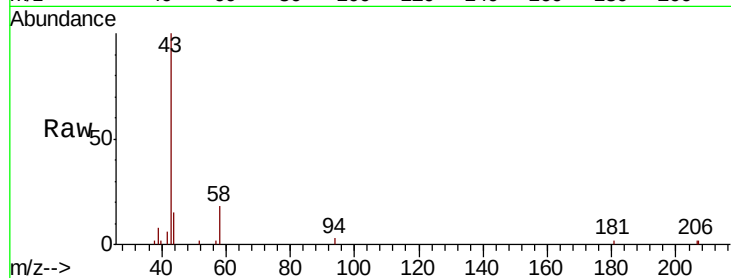
WC-01

Tot Ion: 43 Resp: 48823

Ion Ratio Lower Upper

43 100

58 17.8 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

15000

10000

5000

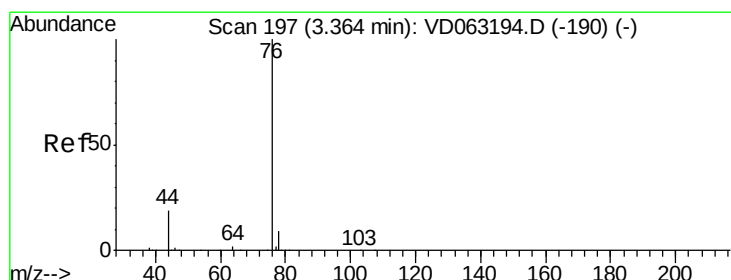
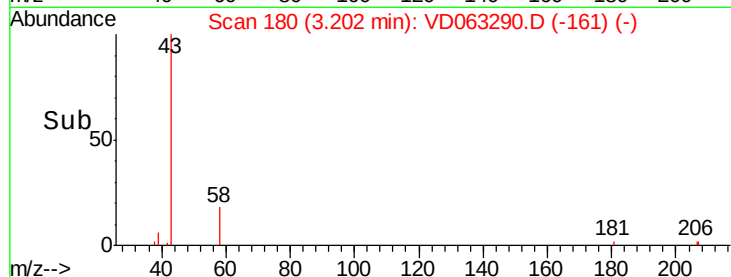
0

Time-->

3.10

3.20

3.30



#17

Carbon Disulfide

Concen: 12.377 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.00 min

Lab File: VD063290.D

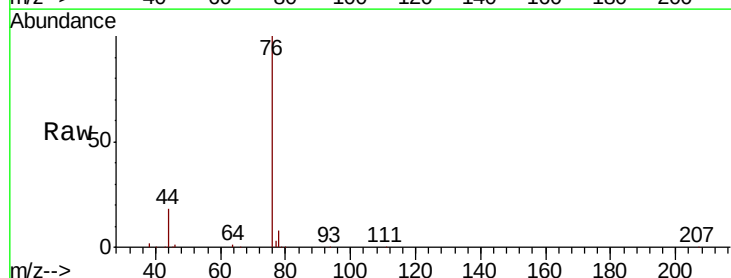
Acq: 1 Aug 2019 13:02

Tgt Ion: 76 Resp: 372014

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

200000

150000

100000

50000

0

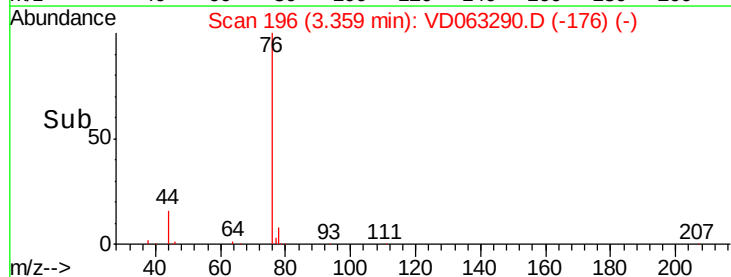
Time-->

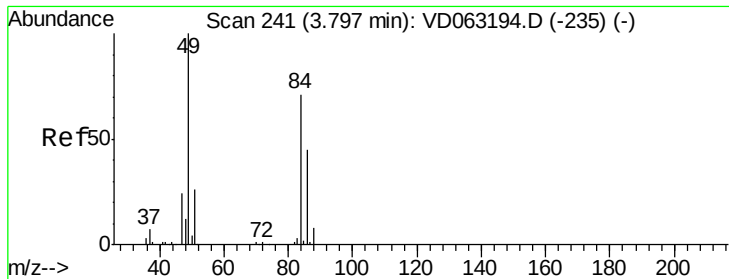
3.20

3.30

3.40

3.50

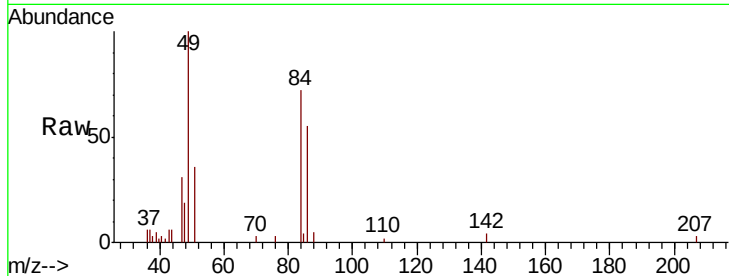




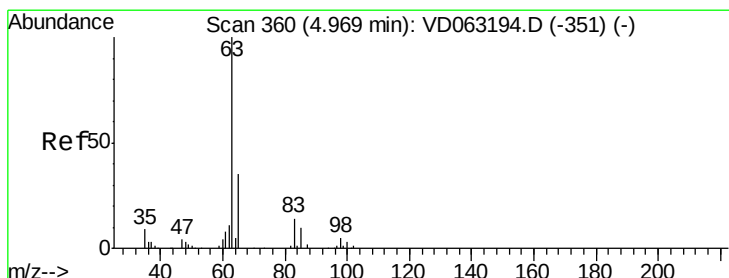
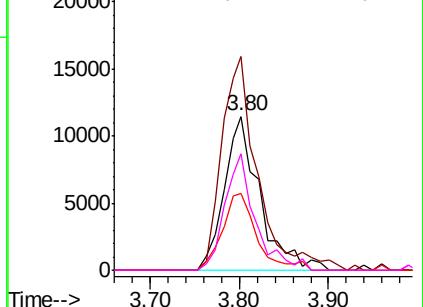
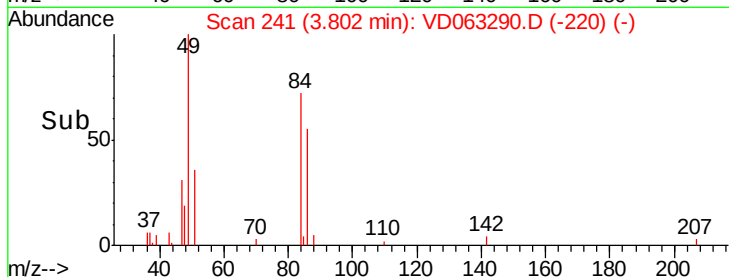
#20  
Methylene Chloride  
Concen: 3.154 ug/l  
RT: 3.80 min Scan# 241  
Delta R.T. 0.00 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

Instrument :  
MSVOA\_D  
ClientSampled :  
WC-01

Tot Ion: 84 Resp: 31916  
Ion Ratio Lower Upper  
84 100  
49 138.7 112.5 168.7  
51 50.1 29.6 44.4#  
86 75.8 50.4 75.6#

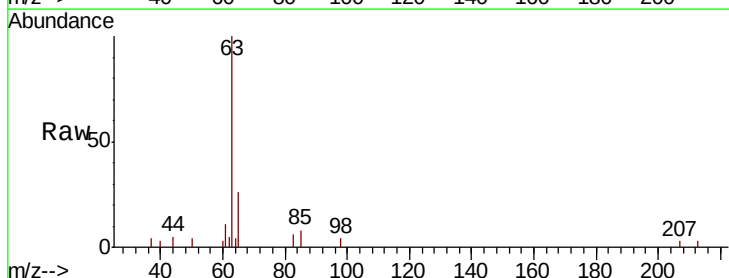


Abundance Ion 83.95 (83.65 to 84.65): VDC  
Ion 48.90 (48.60 to 49.60): VDC  
Ion 50.90 (50.60 to 51.60): VDC  
Ion 85.90 (85.60 to 86.60): VDC

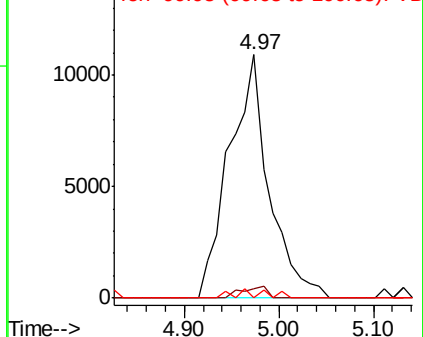
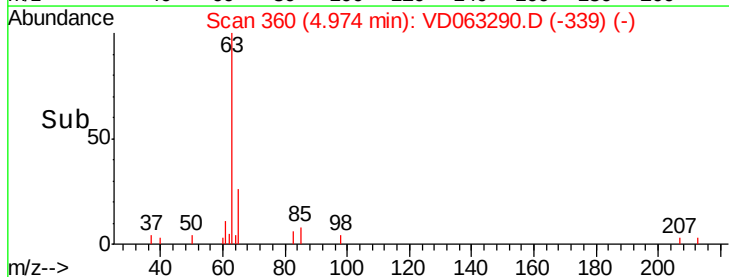


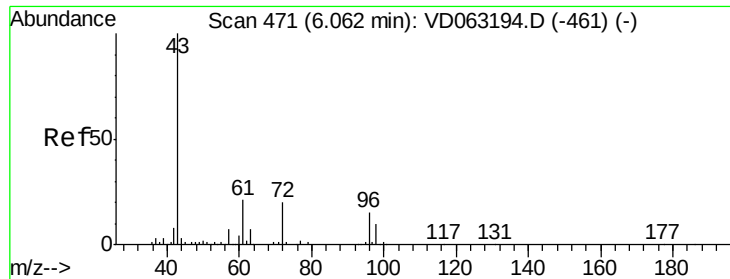
#24  
1,1-Dichloroethane  
Concen: 1.737 ug/l  
RT: 4.97 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

Tgt Ion: 63 Resp: 31712  
Ion Ratio Lower Upper  
63 100  
98 3.7 2.8 8.4  
100 0.0 1.3 3.9#



Abundance Ion 62.95 (62.65 to 63.65): VDC  
Ion 97.95 (97.65 to 98.65): VDC  
Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 1.061 ug/l

RT: 6.08 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampled :

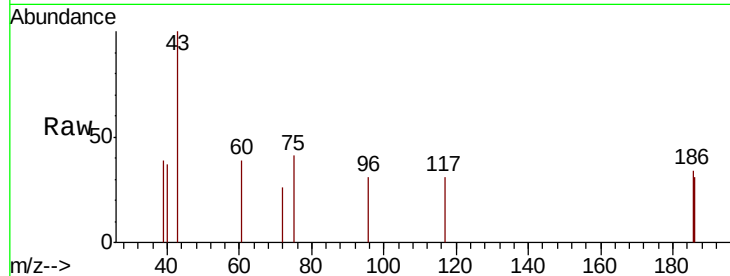
WC-01

Tot Ion: 43 Resp: 2665

Ion Ratio Lower Upper

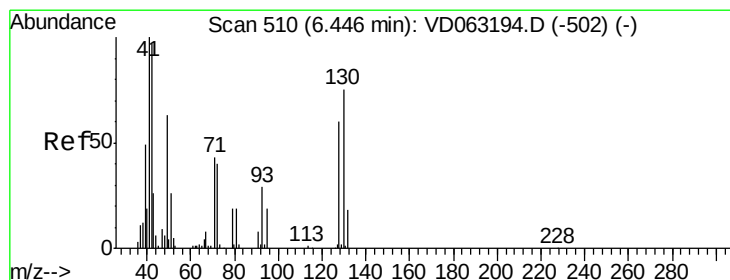
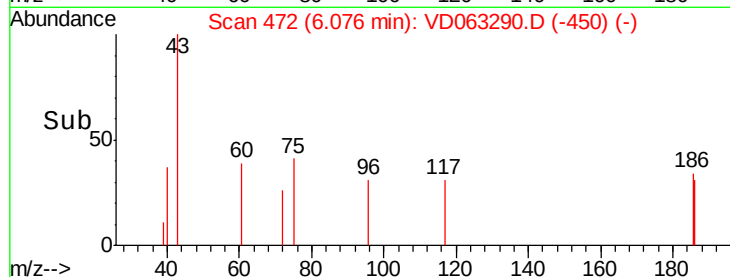
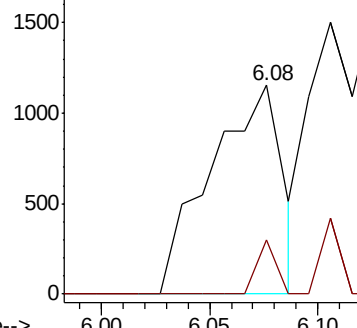
43 100

72 26.1 16.3 24.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 1.310 ug/l

RT: 6.45 min Scan# 510

Delta R.T. 0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

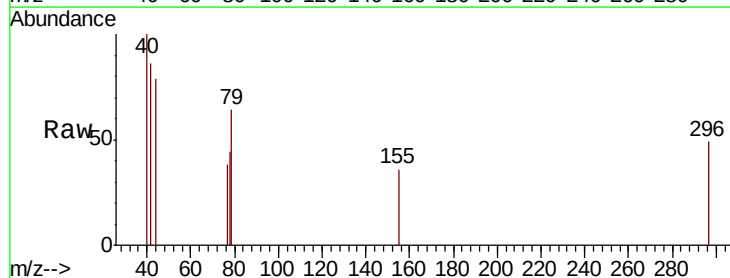
Tgt Ion: 42 Resp: 1558

Ion Ratio Lower Upper

42 100

72 13.1 33.4 50.2#

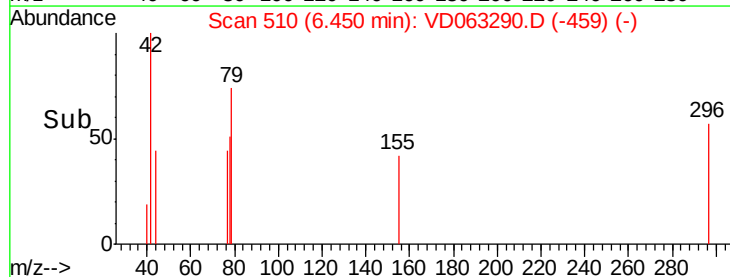
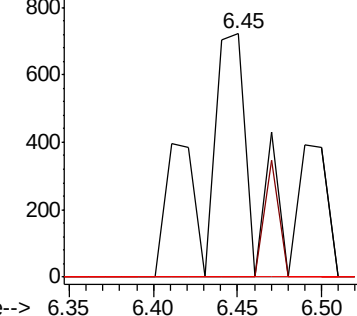
71 0.0 35.7 53.5#

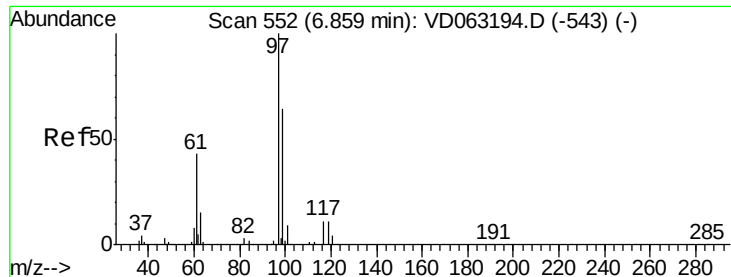


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#32

1,1,1-Trichloroethane

Concen: 2.171 ug/l

RT: 6.84 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampleId :

WC-01

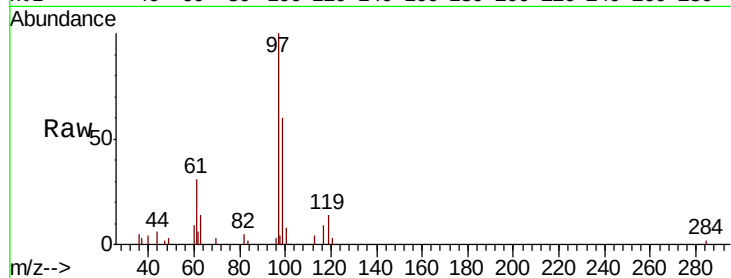
Tot Ion: 97 Resp: 47567

Ion Ratio Lower Upper

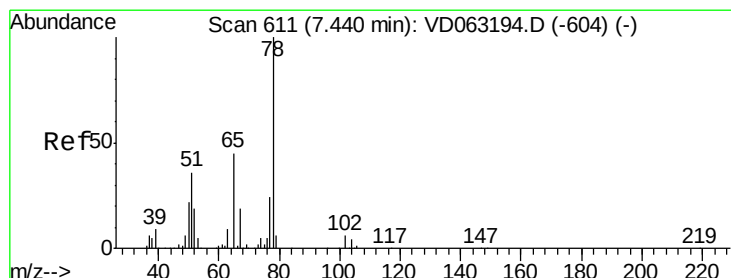
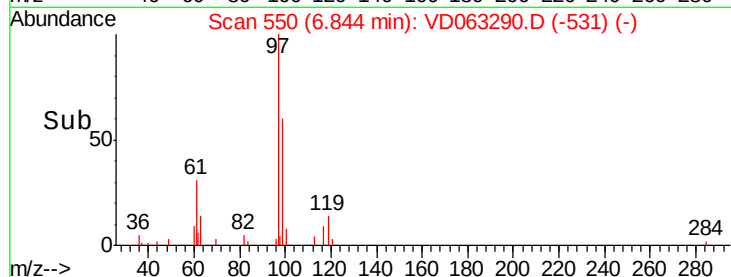
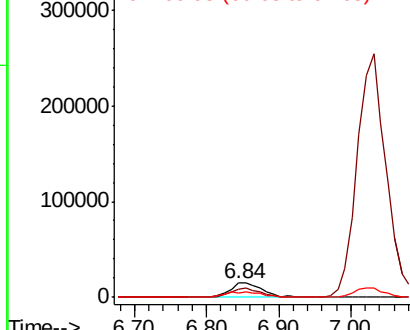
97 100

99 60.2 51.2 76.8

61 31.0 34.2 51.2#



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 39.125 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD063290.D

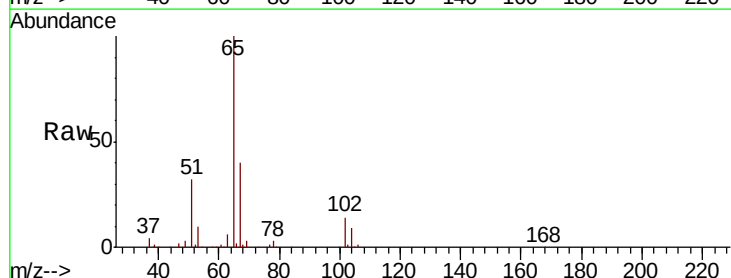
Acq: 1 Aug 2019 13:02

Tgt Ion: 65 Resp: 502634

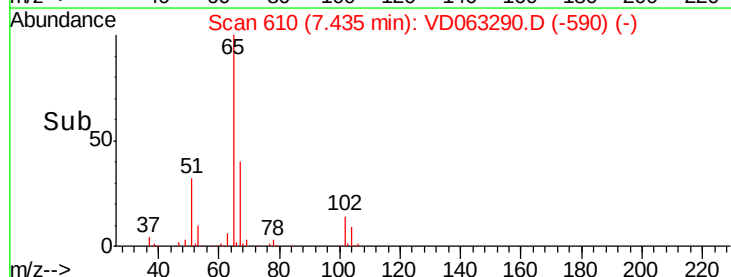
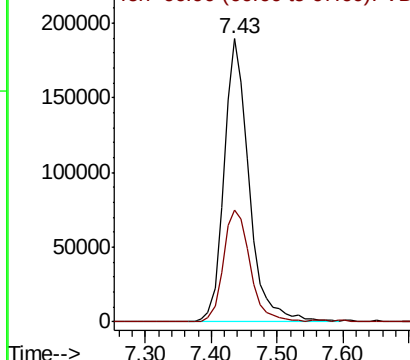
Ion Ratio Lower Upper

65 100

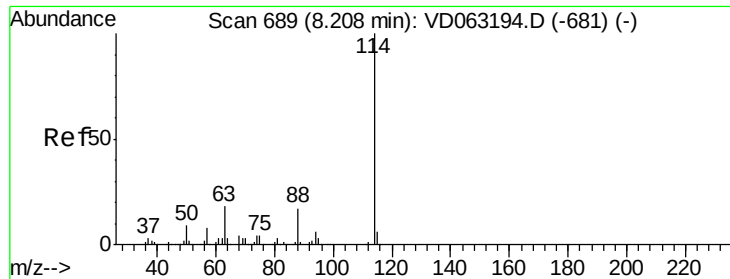
67 39.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC  
Ion 66.90 (66.60 to 67.60): VDC



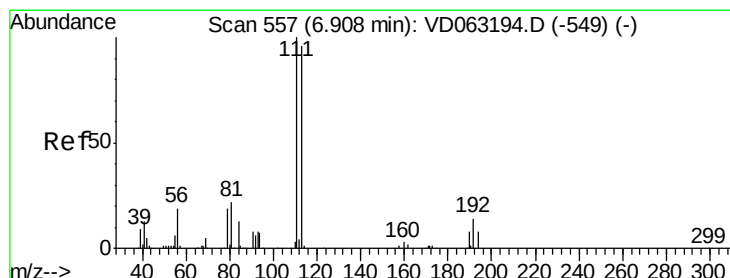
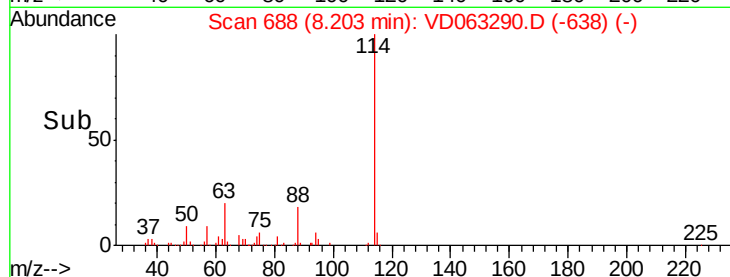
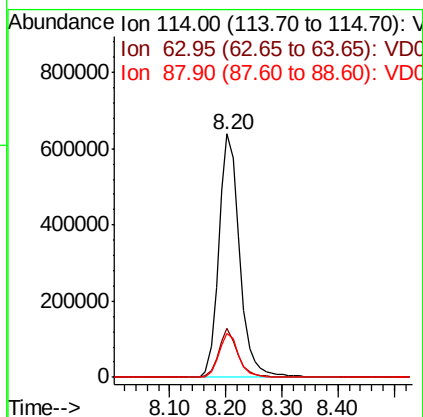
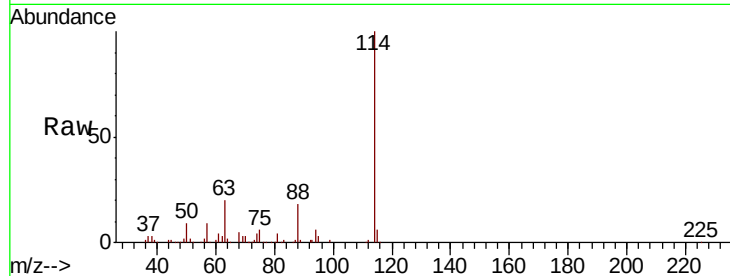




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.20 min Scan# 688  
 Delta R.T. -0.00 min  
 Lab File: VD063290.D  
 Acq: 1 Aug 2019 13:02

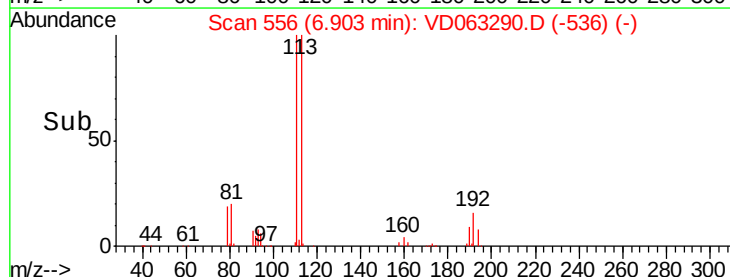
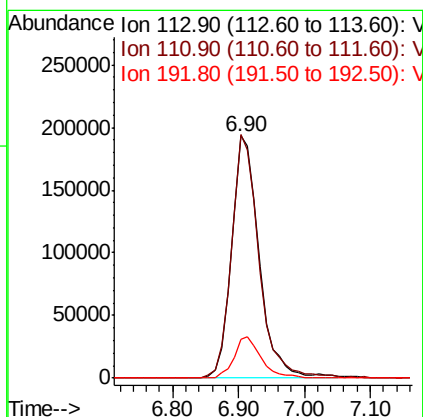
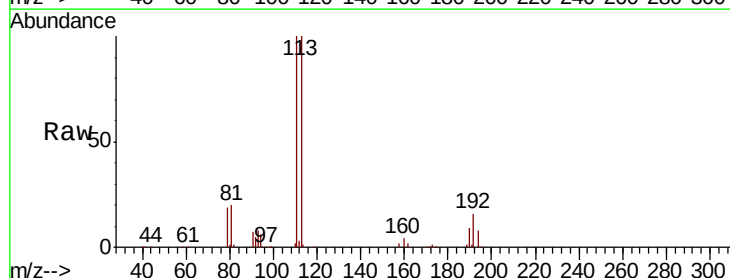
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-01

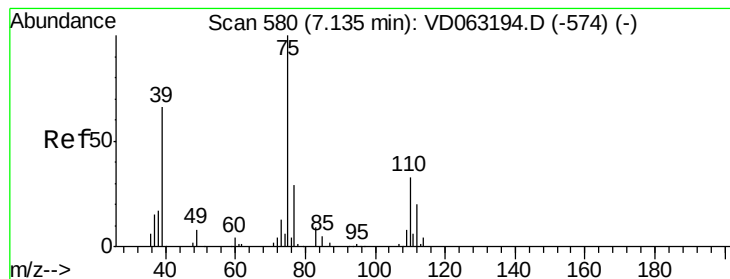
Tot Ion:114 Resp: 1650562  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 35.2  
 88 17.8 0.0 34.6



#35  
 Dibromofluoromethane  
 Concen: 40.426 ug/l  
 RT: 6.90 min Scan# 556  
 Delta R.T. -0.00 min  
 Lab File: VD063290.D  
 Acq: 1 Aug 2019 13:02

Tgt Ion:113 Resp: 569702  
 Ion Ratio Lower Upper  
 113 100  
 111 100.5 83.2 124.8  
 192 15.9 11.8 17.8





#36

1,1-Dichloropropene

Concen: 5.634 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.11 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampleId :

WC-01

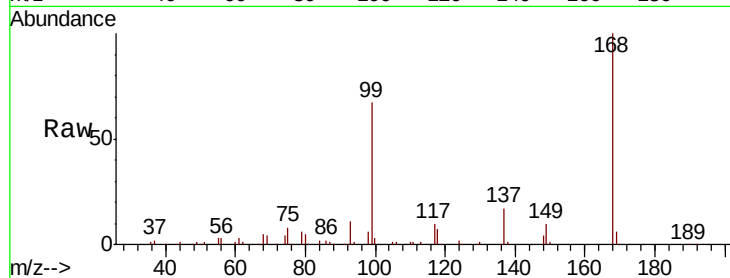
Tot Ion: 75 Resp: 84861

Ion Ratio Lower Upper

75 100

110 6.9 16.1 48.2#

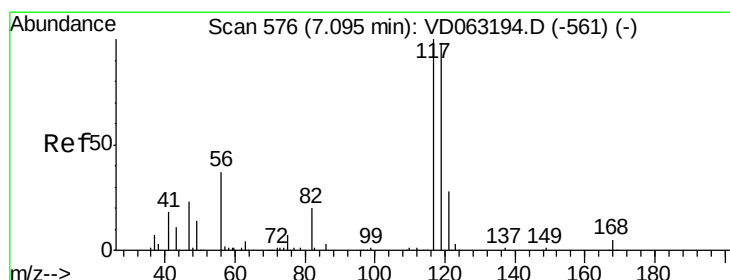
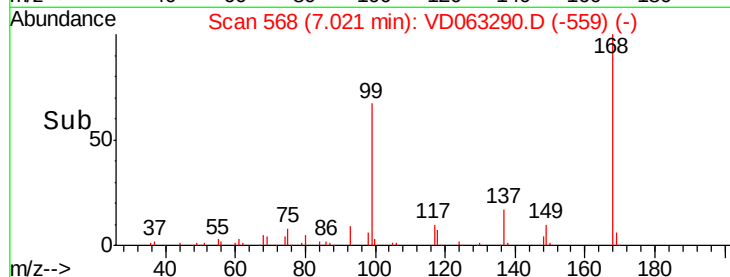
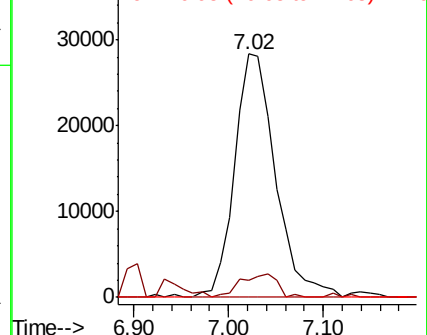
77 0.0 22.7 34.1#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 4.859 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

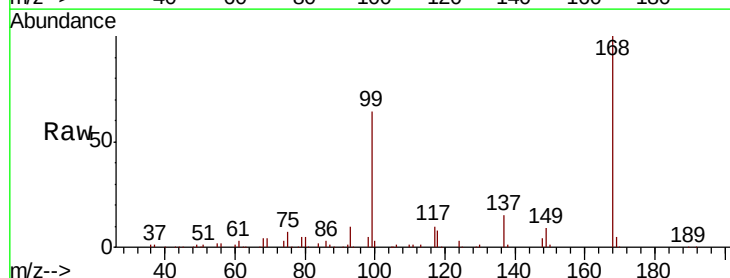
Tgt Ion: 117 Resp: 110194

Ion Ratio Lower Upper

117 100

119 4.9 78.2 117.2#

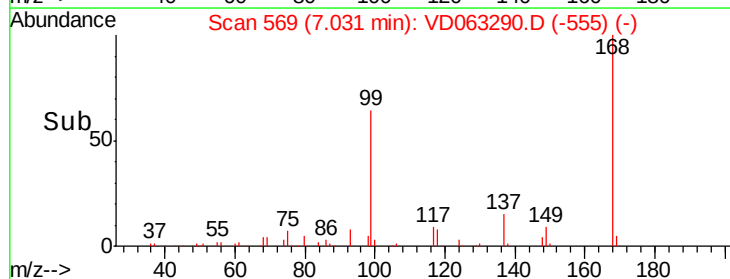
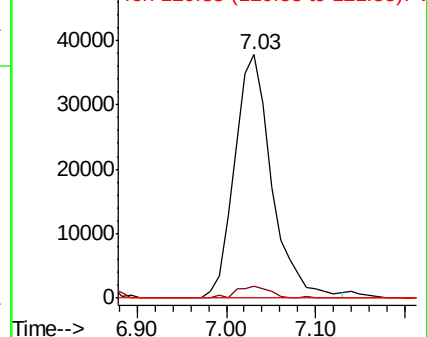
121 0.0 22.1 33.1#

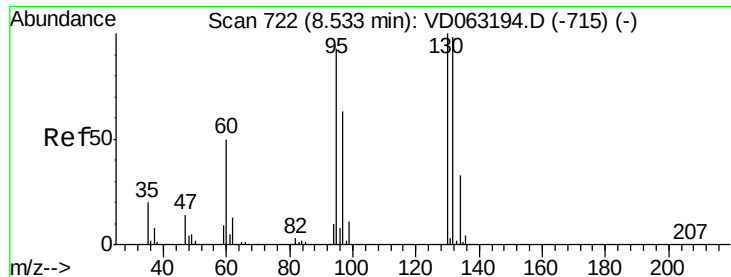


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#44

Trichloroethene

Concen: 1.740 ug/l

RT: 8.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampleId :

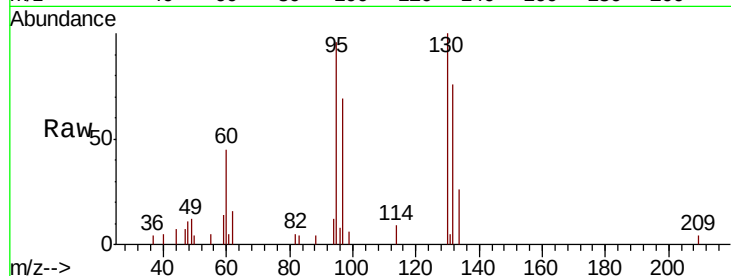
WC-01

Tot Ion:130 Resp: 22263

Ion Ratio Lower Upper

130 100

95 96.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

8.53

10000

8000

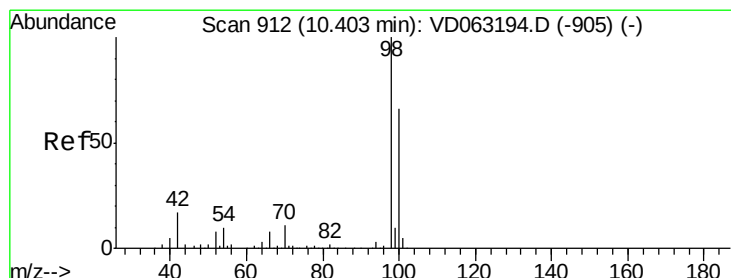
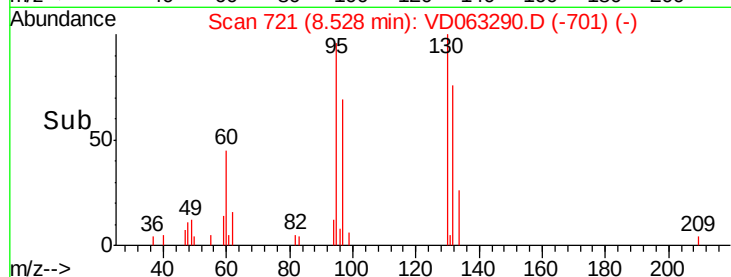
6000

4000

2000

0

Time--> 8.40 8.50 8.60



#50

Toluene-d8

Concen: 36.355 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD063290.D

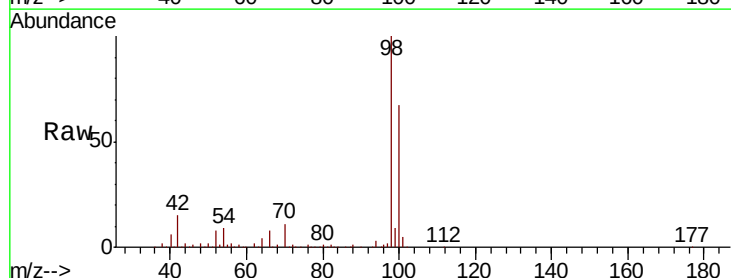
Acq: 1 Aug 2019 13:02

Tgt Ion: 98 Resp: 1146592

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40

600000

500000

400000

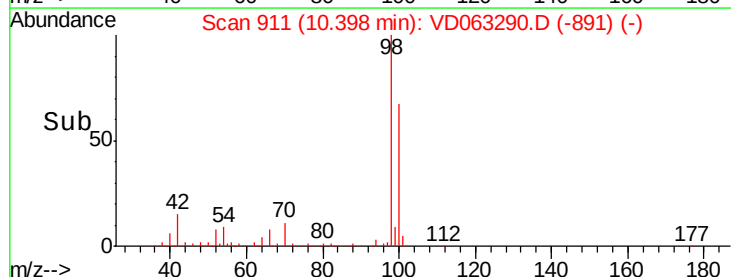
300000

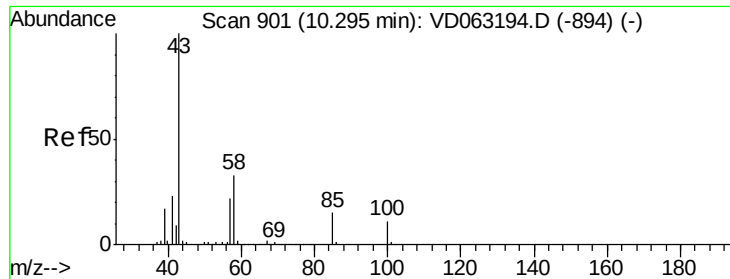
200000

100000

0

Time--> 10.40 10.60





#51

4-Methyl-2-Pentanone

Concen: 1.598 ug/l

RT: 10.39 min Scan# 910

Delta R.T. 0.09 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampleId :

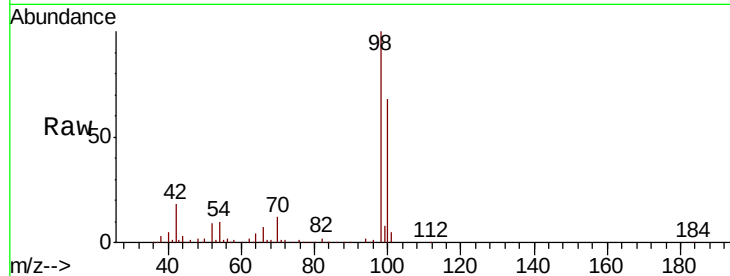
WC-01

Tot Ion: 43 Resp: 9395

Ion Ratio Lower Upper

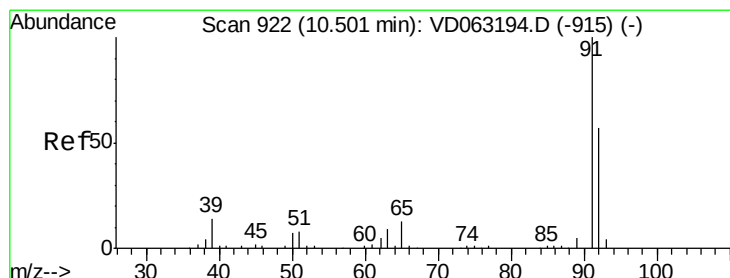
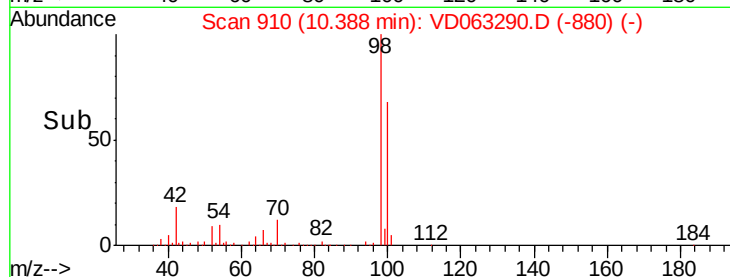
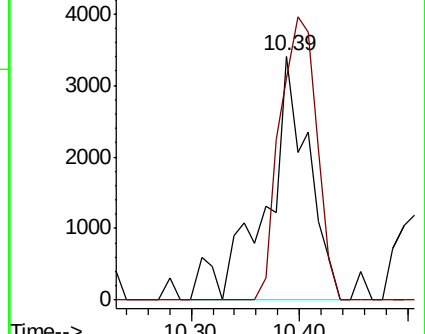
43 100

58 90.7 26.2 39.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 6.810 ug/l

RT: 10.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: VD063290.D

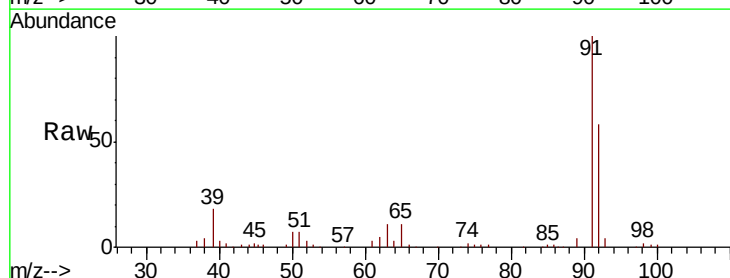
Acq: 1 Aug 2019 13:02

Tgt Ion: 92 Resp: 143000

Ion Ratio Lower Upper

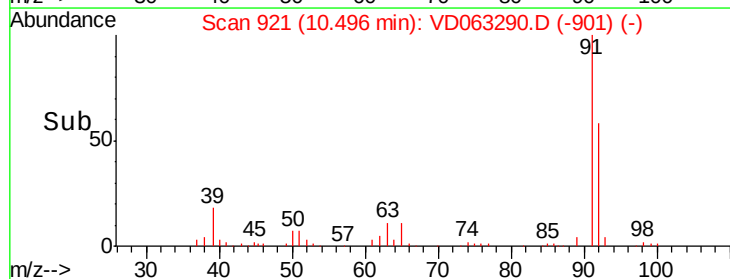
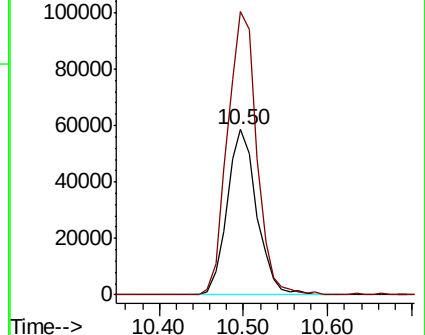
92 100

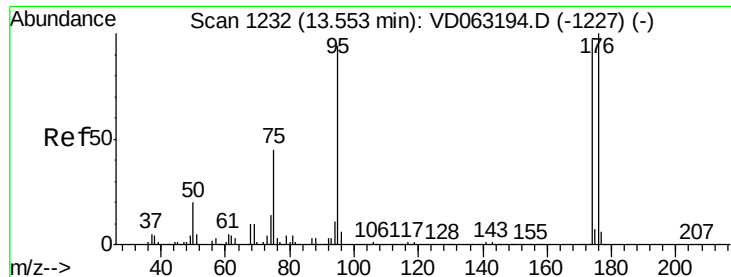
91 171.2 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 31.839 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampled :

WC-01

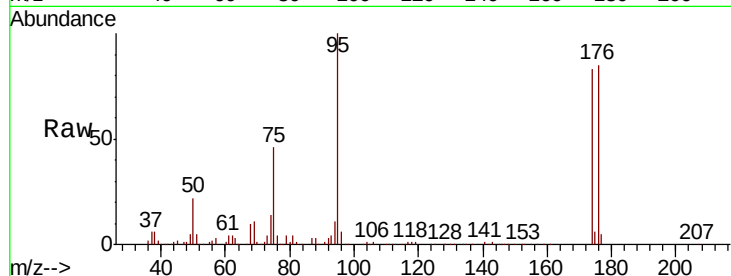
Tot Ion: 95 Resp: 457591

Ion Ratio Lower Upper

95 100

174 82.6 0.0 205.4

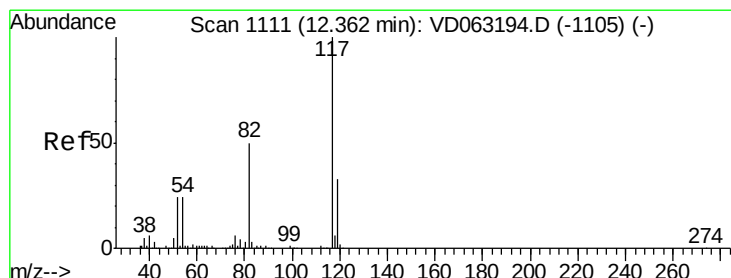
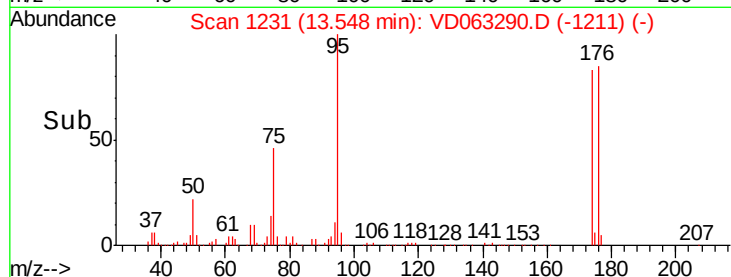
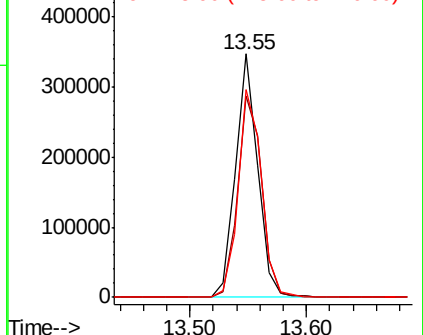
176 85.1 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

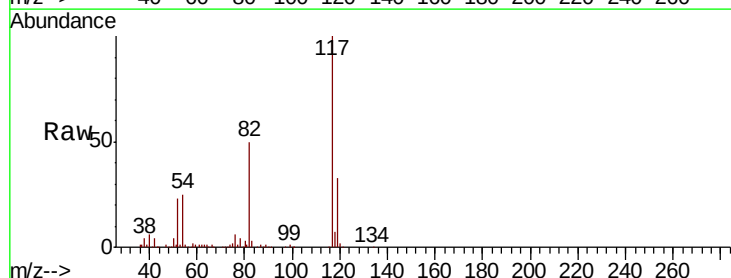
Tgt Ion: 117 Resp: 1218620

Ion Ratio Lower Upper

117 100

82 49.9 40.1 60.1

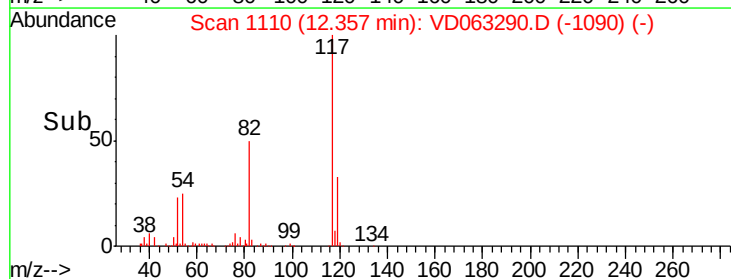
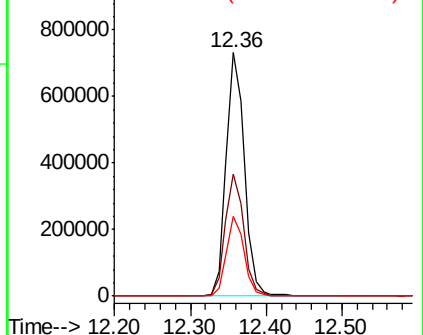
119 32.6 26.5 39.7

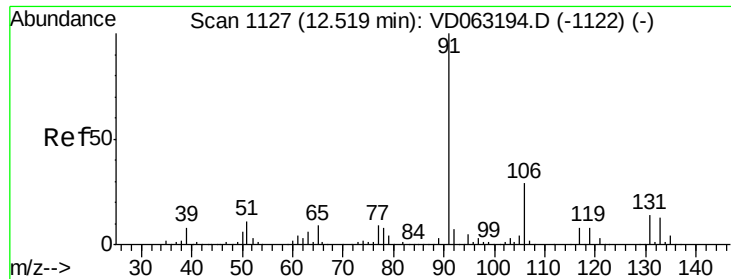


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

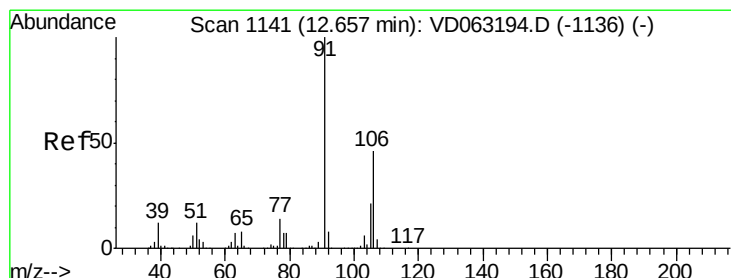
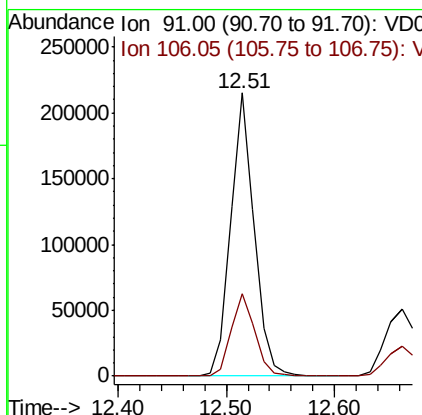
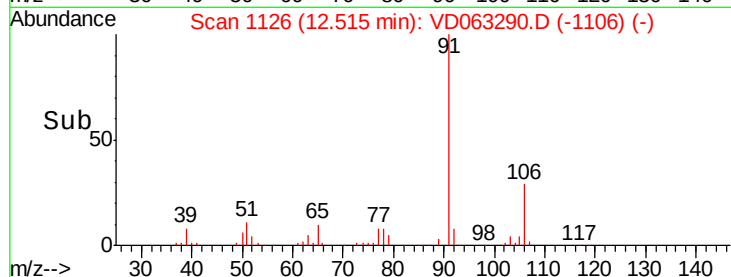
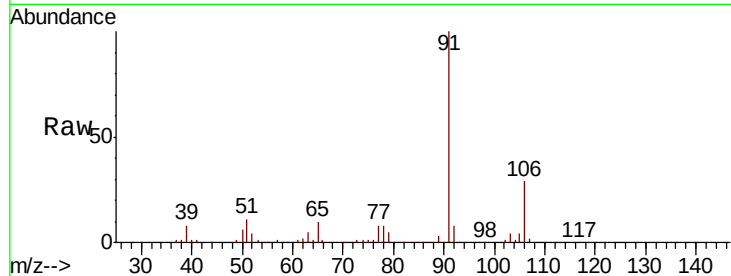




#67  
Ethyl Benzene  
Concen: 8.204 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

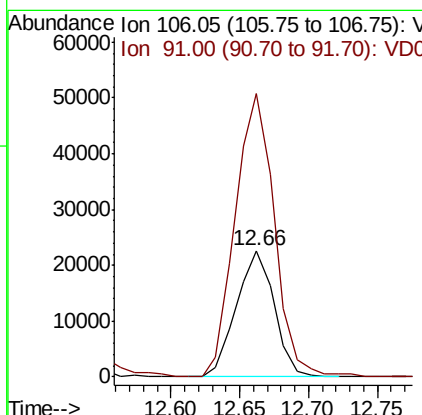
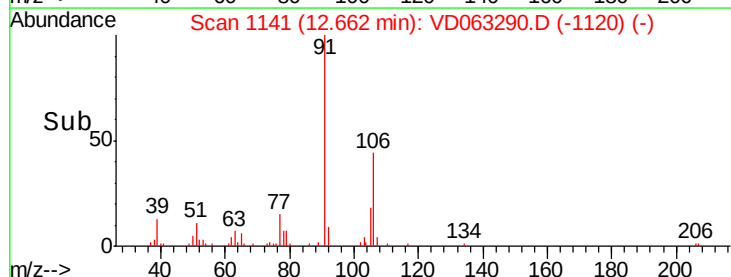
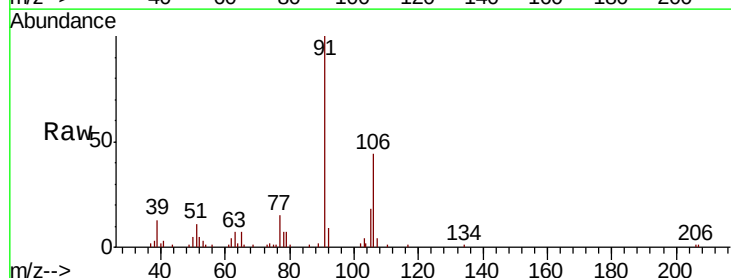
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-01

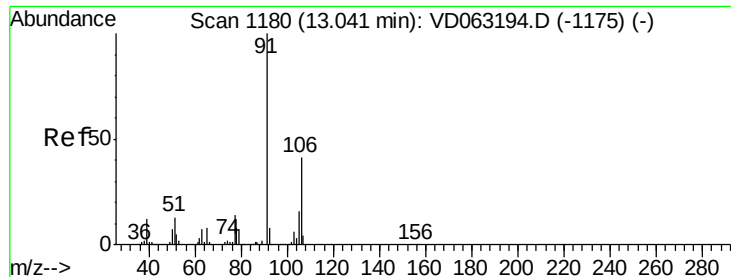
Tot Ion: 91 Resp: 326658  
Ion Ratio Lower Upper  
91 100  
106 29.0 22.9 34.3



#68  
m/p-Xylenes  
Concen: 2.959 ug/l  
RT: 12.66 min Scan# 1141  
Delta R.T. 0.00 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

Tgt Ion: 106 Resp: 43207  
Ion Ratio Lower Upper  
106 100  
91 224.8 172.6 259.0

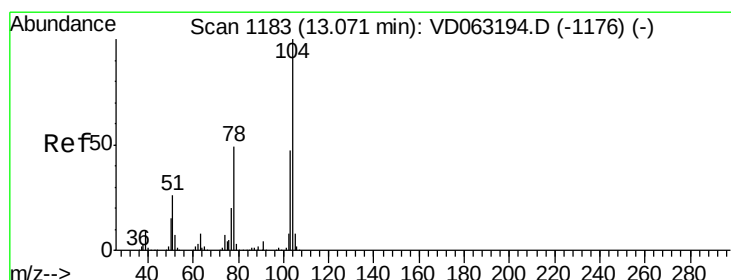
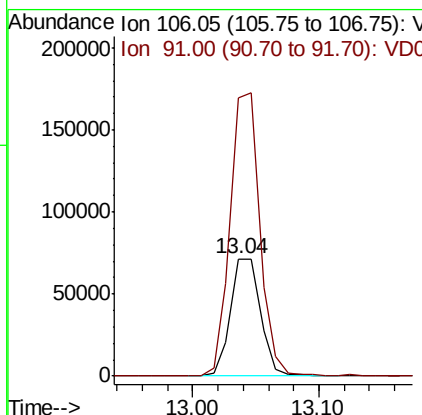
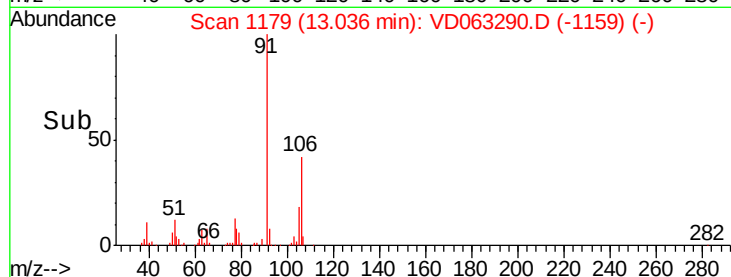
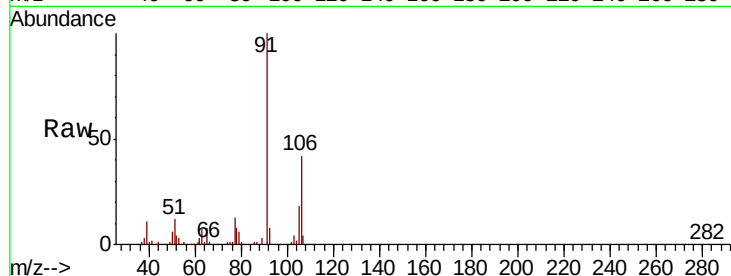




#69  
o-Xylene  
Concen: 8.783 ug/l  
RT: 13.04 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

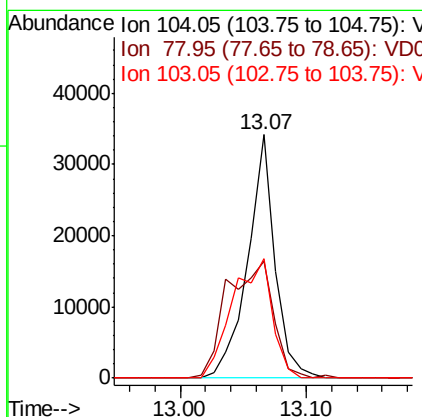
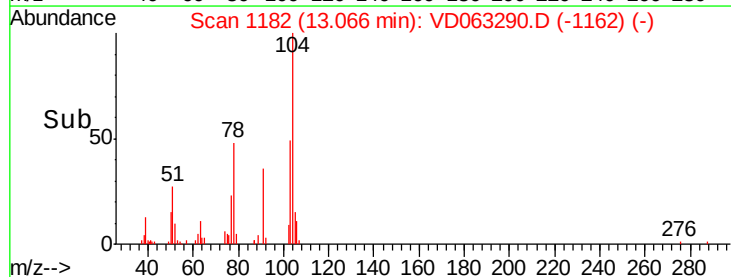
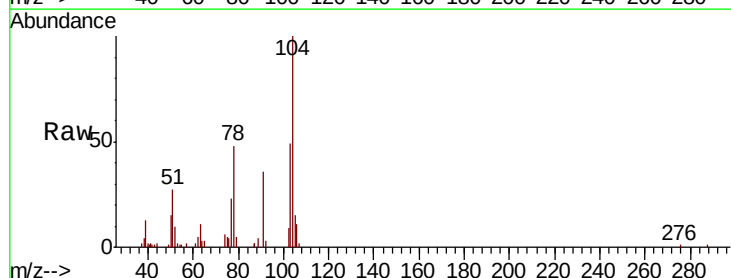
Instrument :  
MSVOA\_D  
ClientSampled :  
WC-01

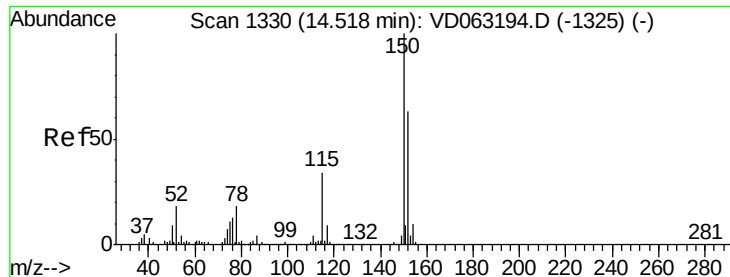
Tot Ion:106 Resp: 117775  
Ion Ratio Lower Upper  
106 100  
91 236.4 121.3 363.9



#70  
Styrene  
Concen: 2.157 ug/l  
RT: 13.07 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: VD063290.D  
Acq: 1 Aug 2019 13:02

Tgt Ion:104 Resp: 51287  
Ion Ratio Lower Upper  
104 100  
78 48.1 39.4 59.0  
103 49.3 37.4 56.2

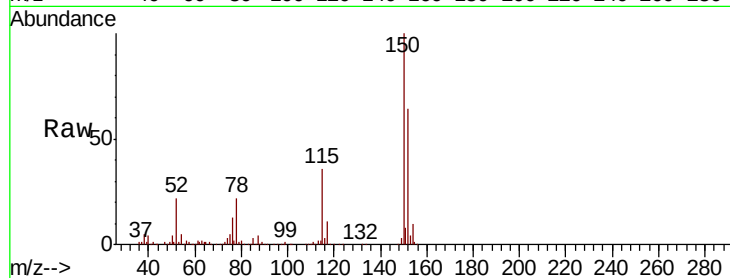




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 14.51 min Scan# 1329  
 Delta R.T. -0.00 min  
 Lab File: VD063290.D  
 Acq: 1 Aug 2019 13:02

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 56.6  | 27.5  | 82.4  |
| 150     | 157.1 | 0.0   | 320.6 |

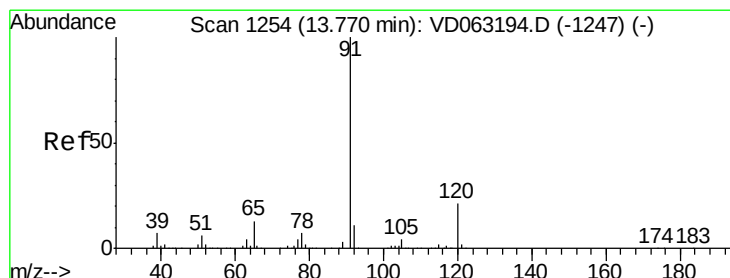
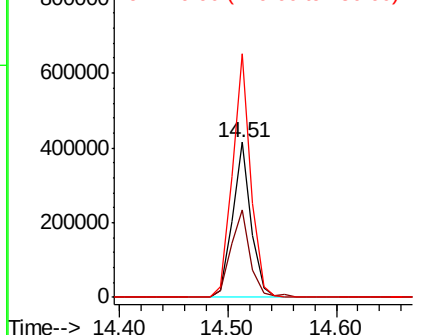
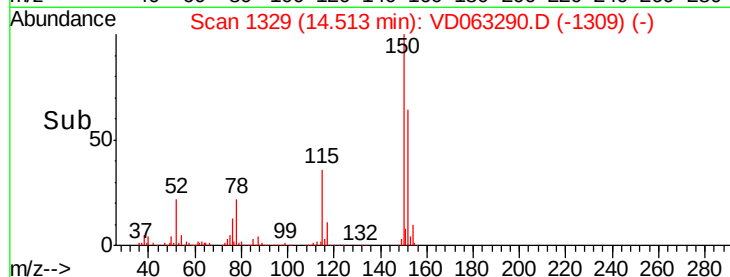


Abundance

Ion 151.90 (151.60 to 152.60): V

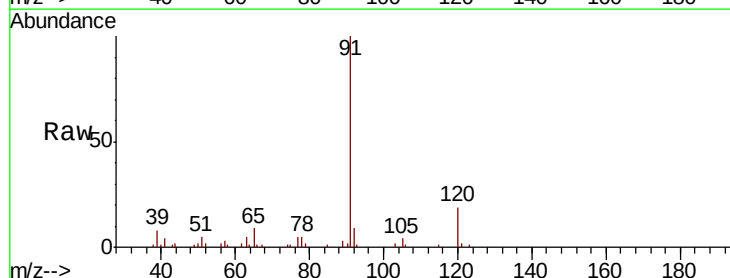
Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#78  
 n-propylbenzene  
 Concen: 1.611 ug/l  
 RT: 13.76 min Scan# 1253  
 Delta R.T. -0.00 min  
 Lab File: VD063290.D  
 Acq: 1 Aug 2019 13:02

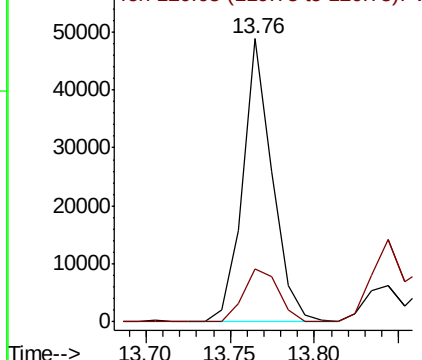
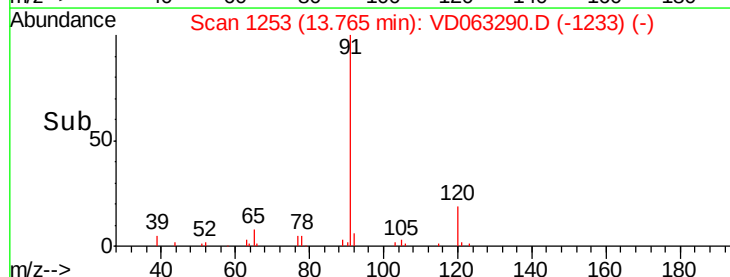
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 18.8  | 10.7  | 32.1  |



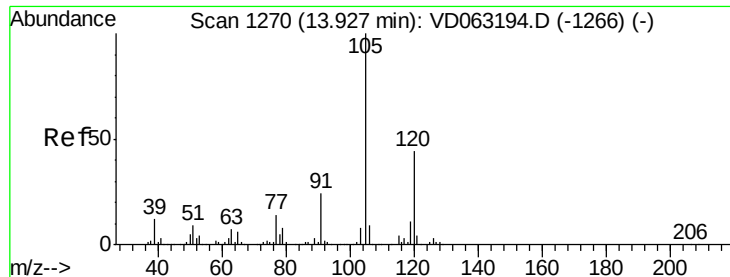
Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V







#80

1,3,5-Trimethylbenzene

Concen: 5.229 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampled :

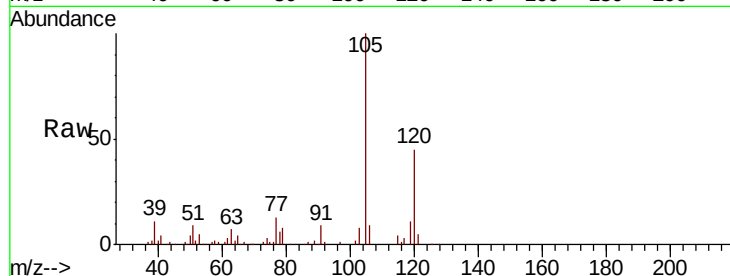
WC-01

Tot Ion:105 Resp: 139595

Ion Ratio Lower Upper

105 100

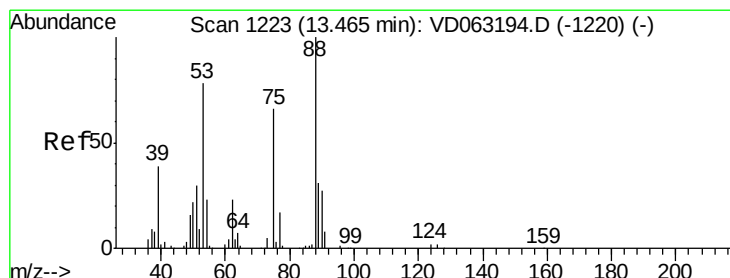
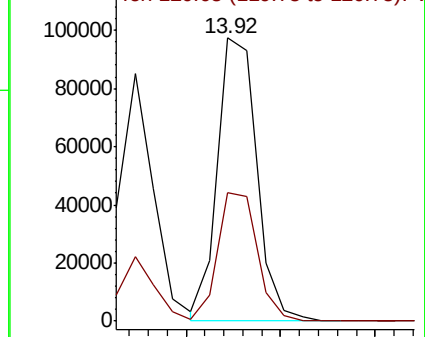
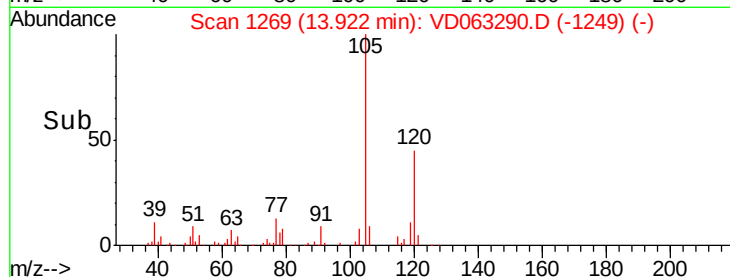
120 45.4 22.1 66.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.92



#81

trans-1,4-Dichloro-2-butene

Concen: 125.784 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

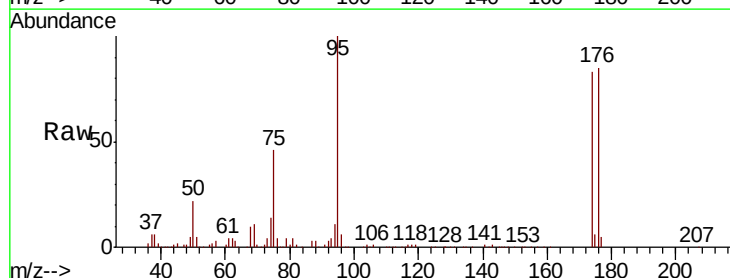
Tgt Ion: 75 Resp: 206879

Ion Ratio Lower Upper

75 100

53 0.2 94.9 142.3#

89 0.0 37.4 56.0#

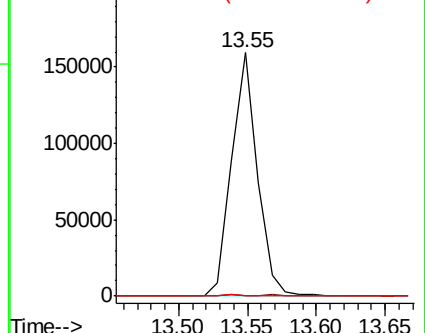
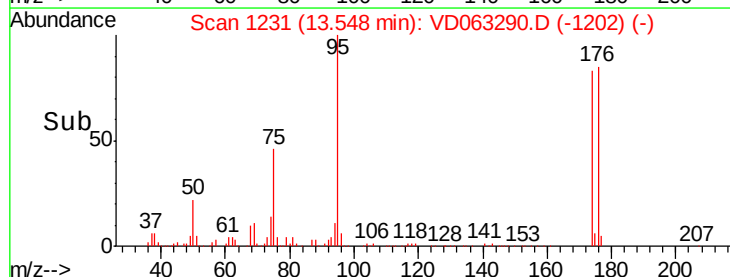


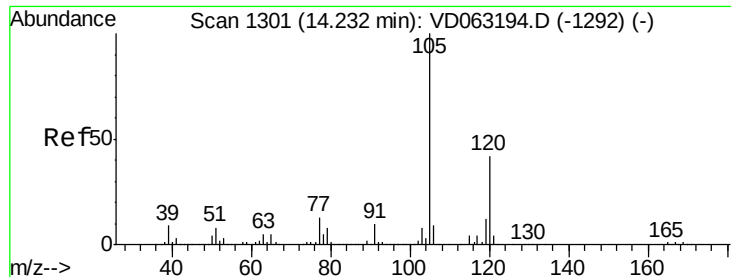
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

13.55





#84

1,2,4-Trimethylbenzene

Concen: 2.391 ug/l

RT: 14.23 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

Instrument :

MSVOA\_D

ClientSampled :

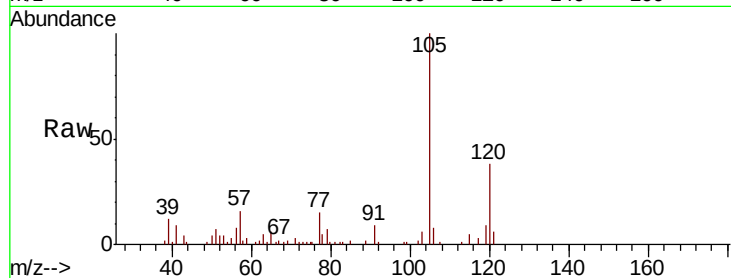
WC-01

Tot Ion:105 Resp: 66006

Ion Ratio Lower Upper

105 100

120 37.9 20.9 62.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

14.23

60000

50000

40000

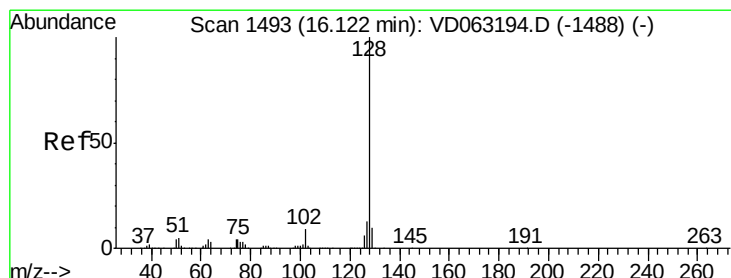
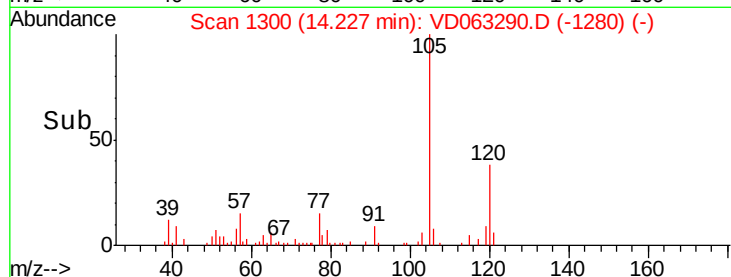
30000

20000

10000

0

Time--> 14.15 14.20 14.25 14.30



#95

Naphthalene

Concen: 21.215 ug/l

RT: 16.12 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VD063290.D

Acq: 1 Aug 2019 13:02

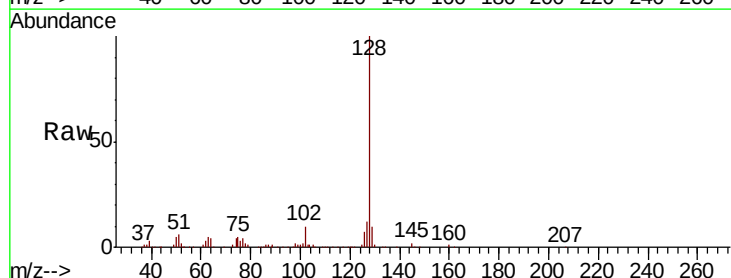
Tgt Ion:128 Resp: 323607

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 10.1 7.8 11.8



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

16.12

400000

300000

200000

100000

0

Time--> 16.00 16.10 16.20

