

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\  
 Data File : VD063921.D  
 Acq On : 10 Oct 2019 20:24  
 Operator : VA/SY  
 Sample : K5297-16  
 Misc : 5.31G/5ml/MSVOA D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-7

Quant Time: Oct 11 08:31:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100219S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 05 03:51:17 2019  
 Response via : Initial Calibration

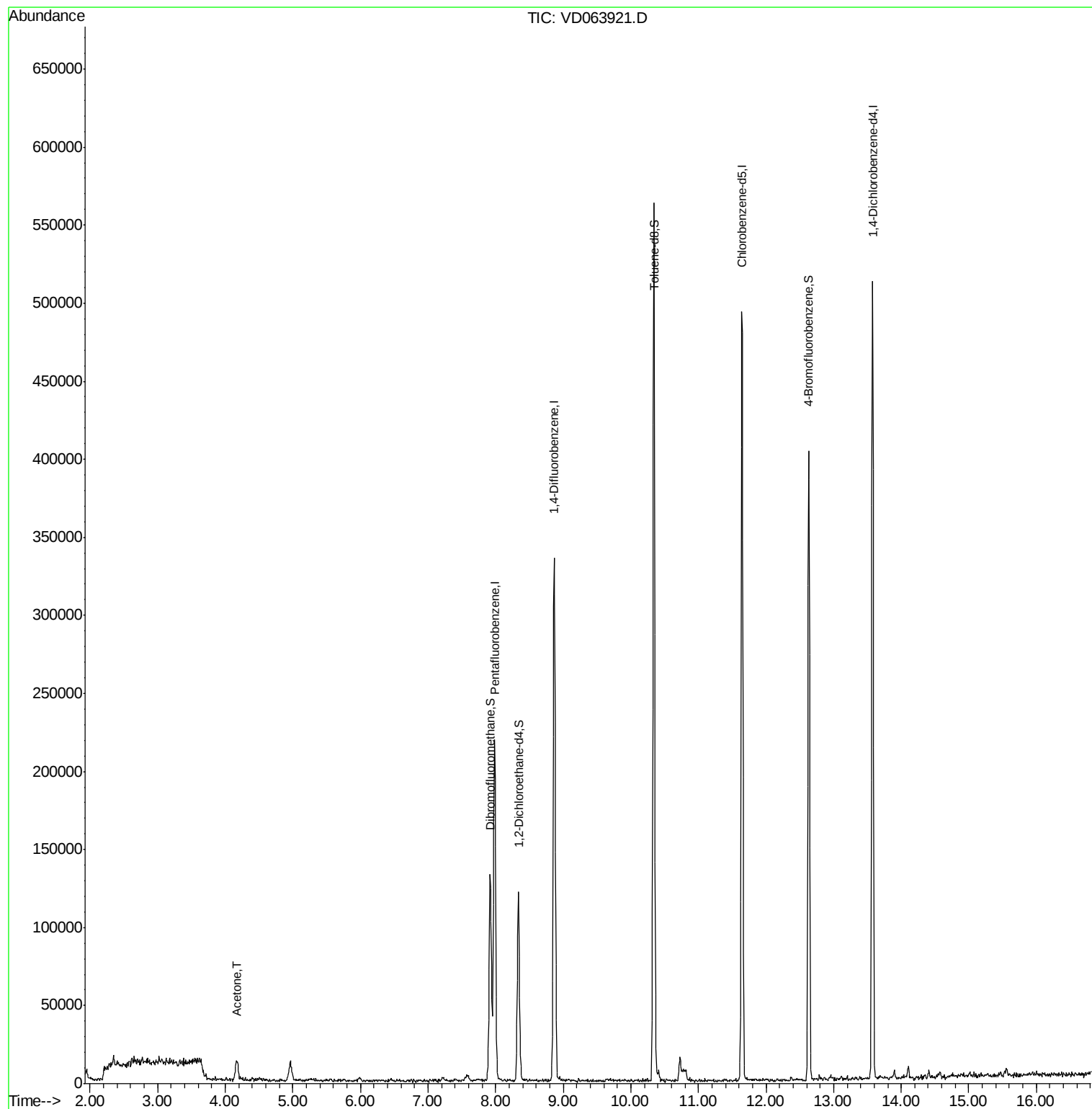
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.99  | 168  | 162847   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.87  | 114  | 289891   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.64 | 117  | 284417   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 136674   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 91472    | 57.70  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 115.40% |           |
| 35) Dibromofluoromethane    | 7.91  | 113  | 89164    | 50.33  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.66% |           |
| 50) Toluene-d8              | 10.34 | 98   | 384360   | 53.45  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.90% |           |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 110126   | 44.07  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 88.14%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.17  | 43   | 24213    | 58.659 | ug/l    | Qvalue 96 |

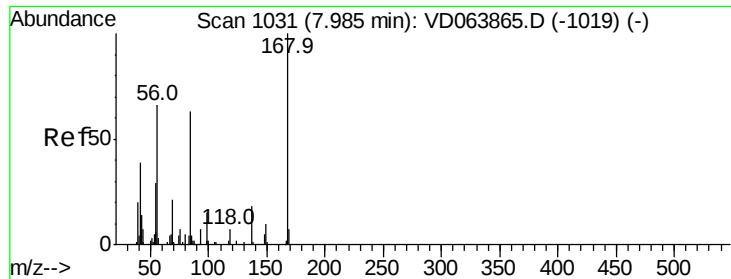
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101019\  
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Quant Title : SW846 8260  
QLast Update : Sat Oct 05 03:51:17 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063921.D

Acq: 10 Oct 2019 20:24

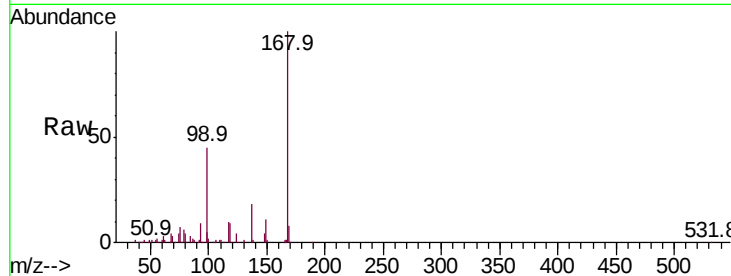
Instrument :  
MSVOA\_D  
ClientSampleId :  
TP-7

Tot Ion:168 Resp: 162847

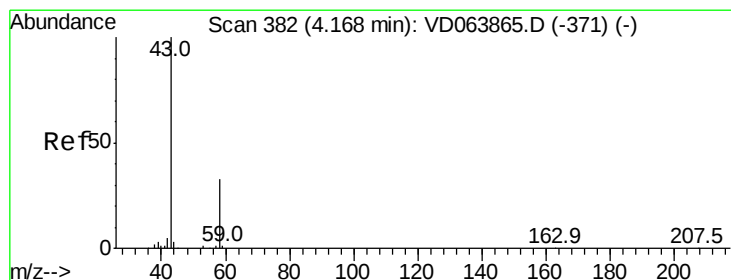
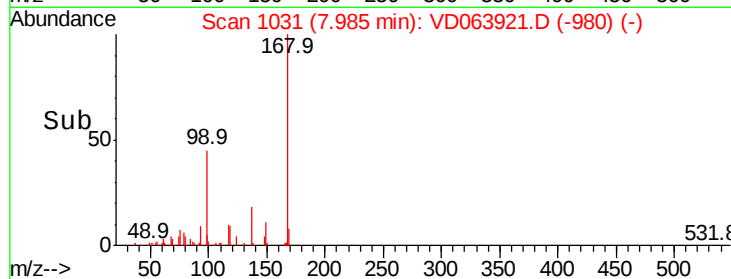
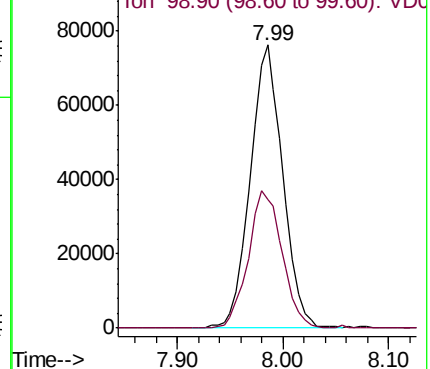
Ion Ratio Lower Upper

168 100

99 45.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 58.659 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD063921.D

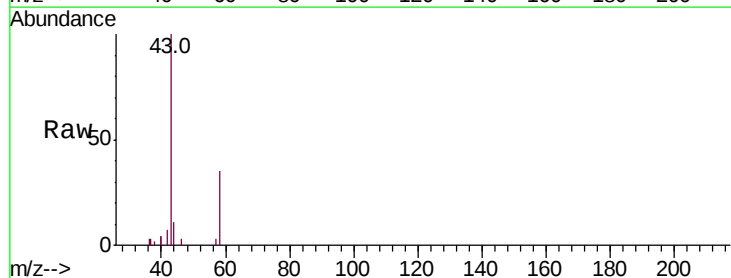
Acq: 10 Oct 2019 20:24

Tgt Ion: 43 Resp: 24213

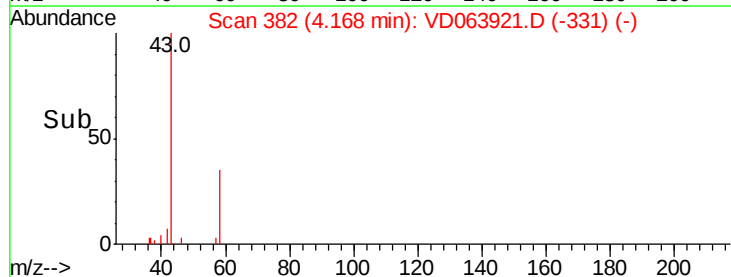
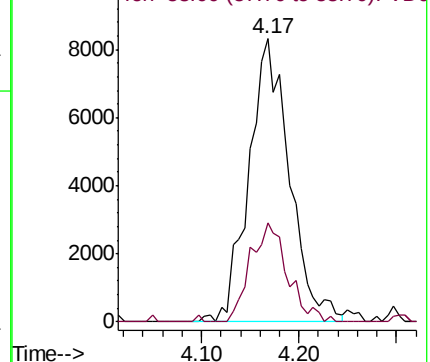
Ion Ratio Lower Upper

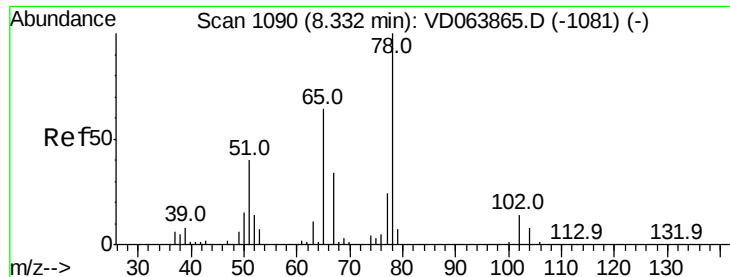
43 100

58 34.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 57.695 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063921.D

Acq: 10 Oct 2019 20:24

Instrument :

MSVOA\_D

ClientSampleId :

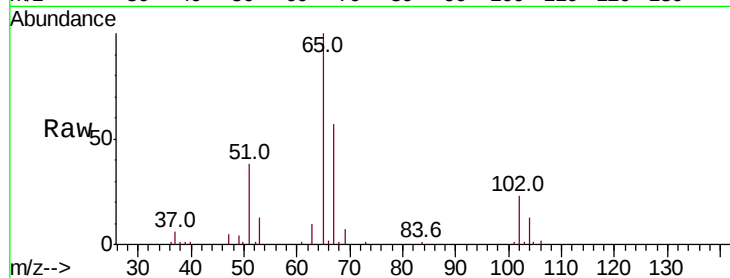
TP-7

Tot Ion: 65 Resp: 91472

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

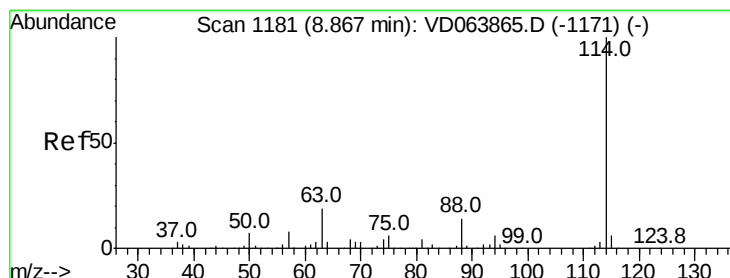
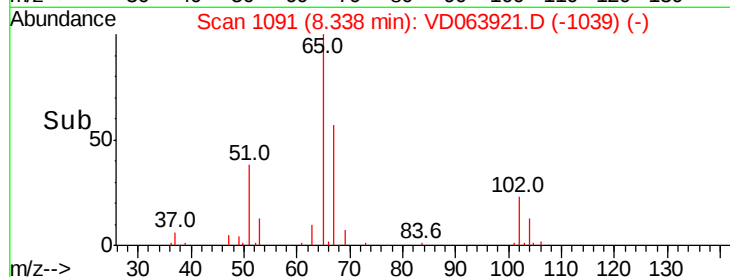
20000

10000

0

8.25 8.30 8.35 8.40 8.45

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063921.D

Acq: 10 Oct 2019 20:24

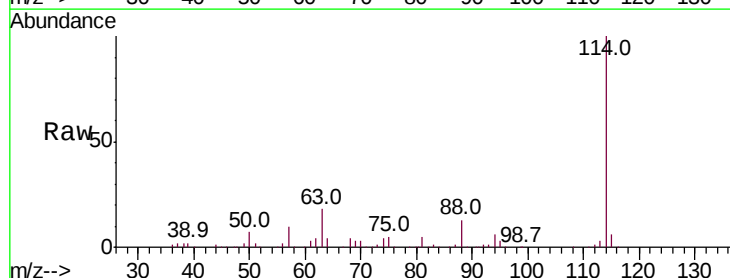
Tgt Ion: 114 Resp: 289891

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 13.4 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

200000

150000

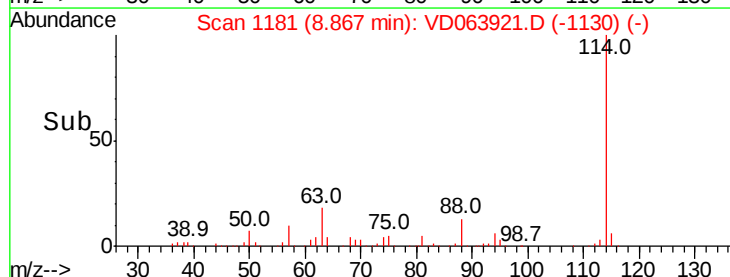
100000

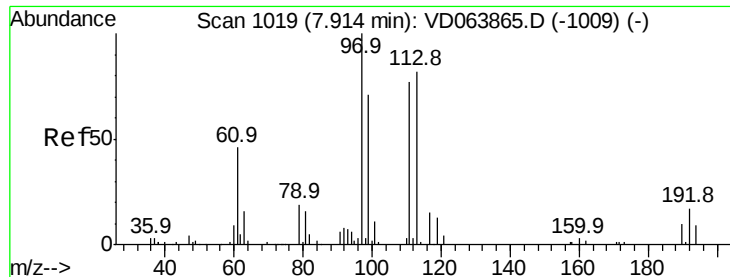
50000

0

8.75 8.80 8.85 8.90 8.95

Time-->

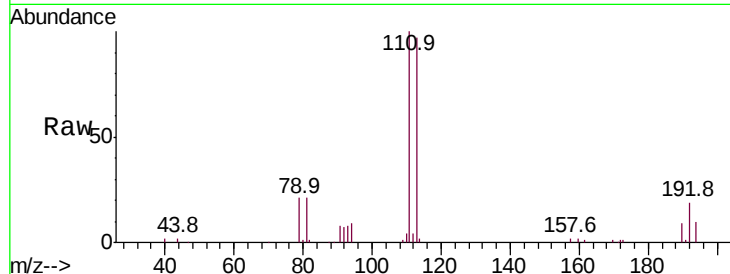




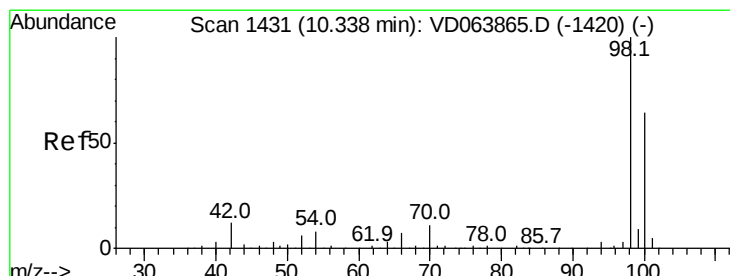
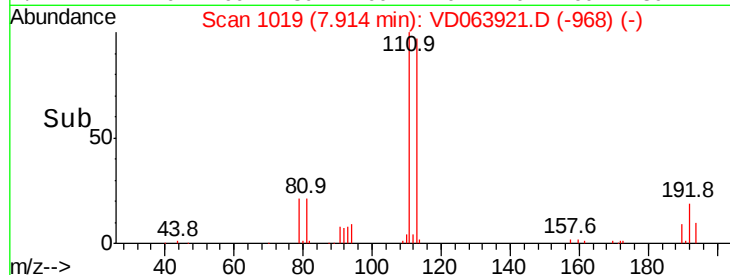
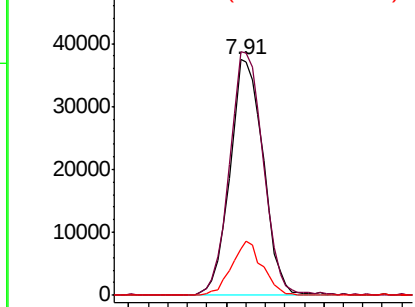
#35  
 Dibromofluoromethane  
 Concen: 50.329 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: VD063921.D  
 Acq: 10 Oct 2019 20:24

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 TP-7

Tot Ion:113 Resp: 89164  
 Ion Ratio Lower Upper  
 113 100  
 111 104.0 82.6 123.8  
 192 21.3 17.1 25.7

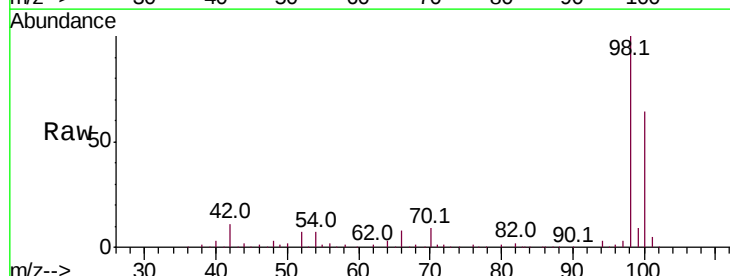


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

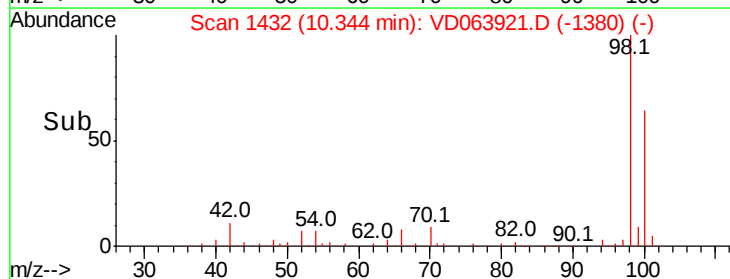
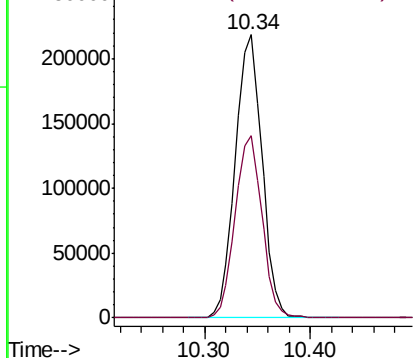


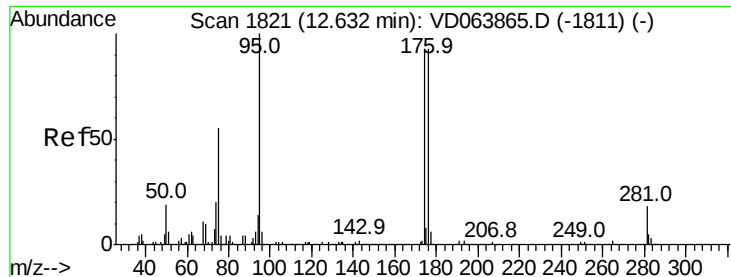
#50  
 Toluene-d8  
 Concen: 53.452 ug/l  
 RT: 10.34 min Scan# 1432  
 Delta R.T. 0.01 min  
 Lab File: VD063921.D  
 Acq: 10 Oct 2019 20:24

Tgt Ion: 98 Resp: 384360  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 52.1 78.1



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





#62

4-Bromofluorobenzene

Concen: 44.072 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063921.D

Acq: 10 Oct 2019 20:24

Instrument :

MSVOA\_D

ClientSampleId :

TP-7

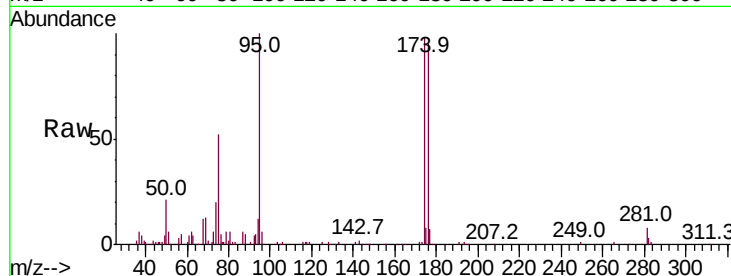
Tot Ion: 95 Resp: 110126

Ion Ratio Lower Upper

95 100

174 98.3 0.0 186.4

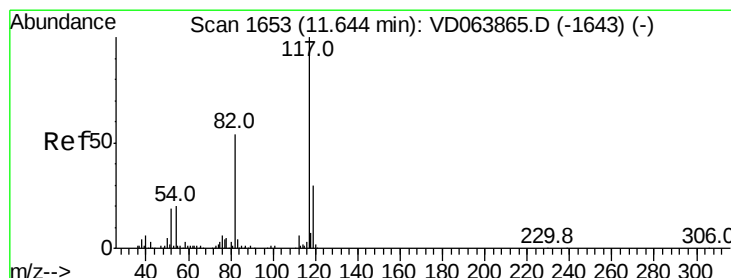
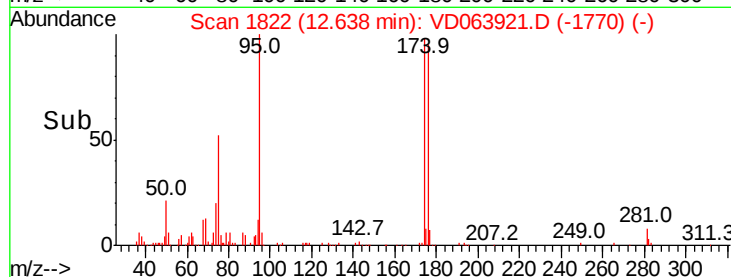
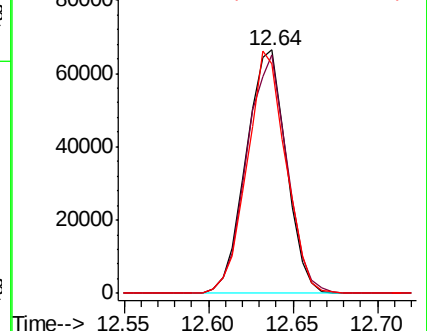
176 96.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063921.D

Acq: 10 Oct 2019 20:24

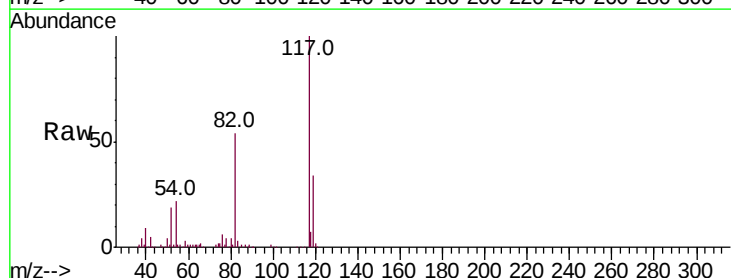
Tgt Ion: 117 Resp: 284417

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

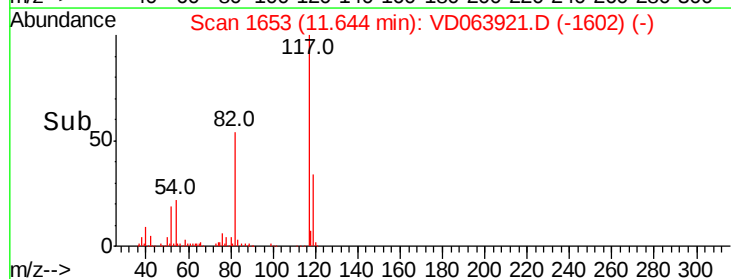
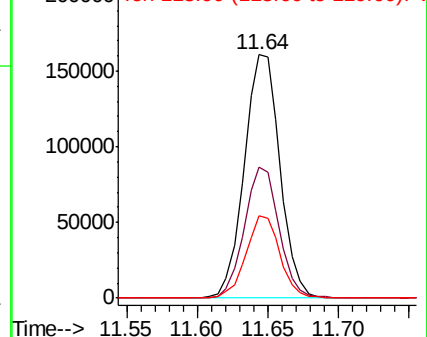
119 33.9 24.4 36.6

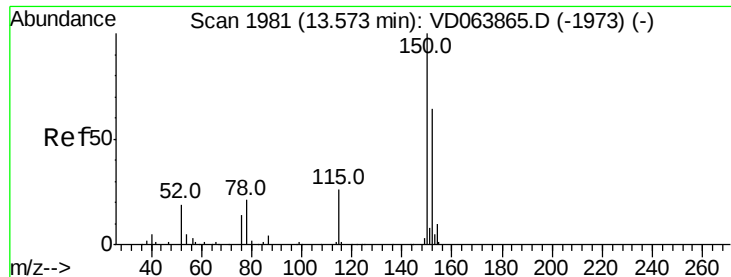


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063921.D

Acq: 10 Oct 2019 20:24

Instrument :

MSVOA\_D

ClientSampleId :

TP-7

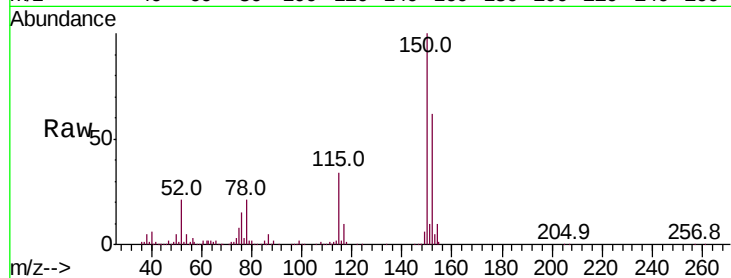
Tot Ion:152 Resp: 136674

Ion Ratio Lower Upper

152 100

115 54.0 25.9 77.7

150 154.7 0.0 344.2



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

