

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120420\
 Data File : VD067882.D
 Acq On : 04 Dec 2020 13:42
 Operator : VA/SY
 Sample : L4950-01RE
 Misc : 6.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-120420RE

Quant Time: Dec 05 00:19:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	8534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	10824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	10328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	5476	59.77	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.54%
35) Dibromofluoromethane	7.91	113	2889	39.89	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.78%
50) Toluene-d8	10.34	98	11444	43.89	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.78%
62) 4-Bromofluorobenzene	12.63	95	3847	42.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.36%

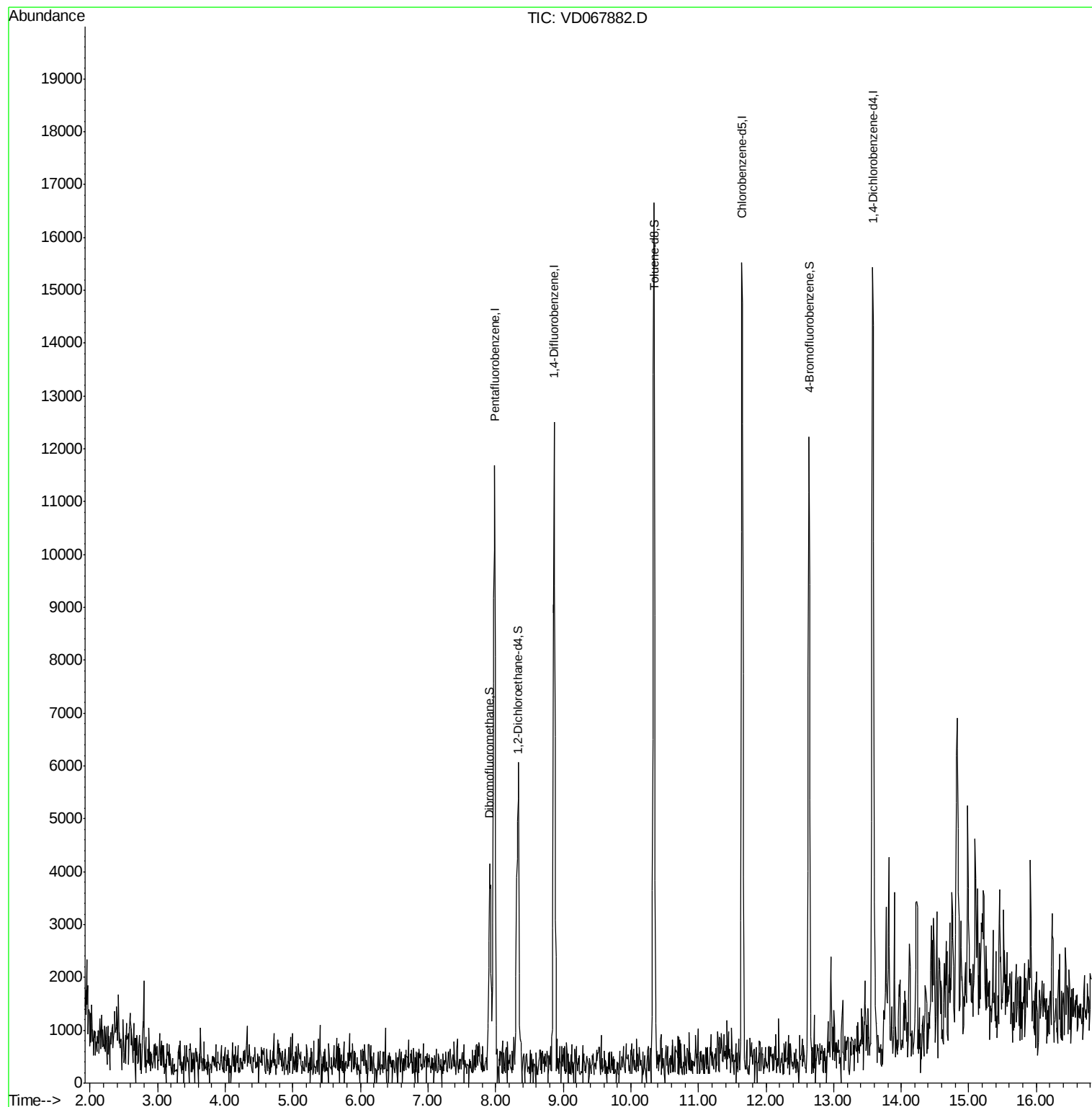
Target Compounds	Qvalue
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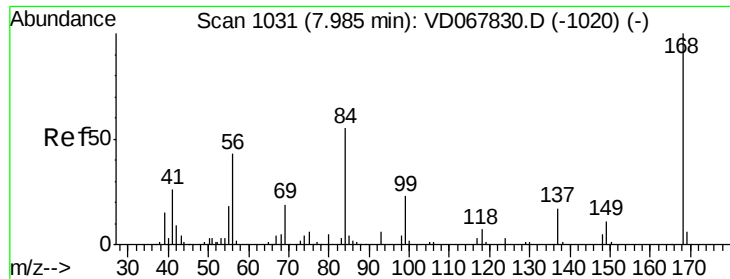
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067882.D

Acq: 04 Dec 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

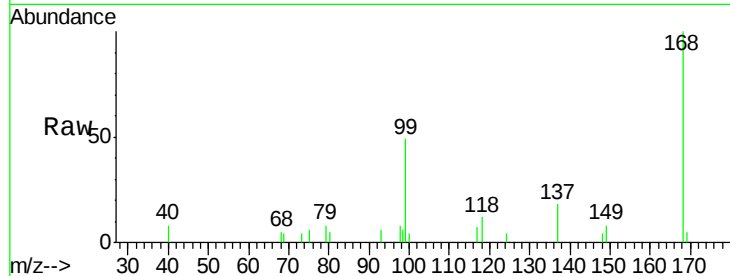
PL-02-120420RE

Tot Ion:168 Resp: 8534

Ion Ratio Lower Upper

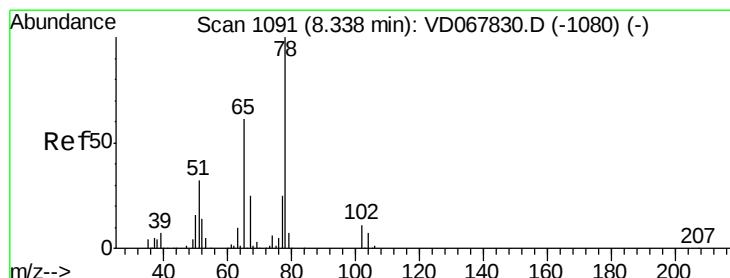
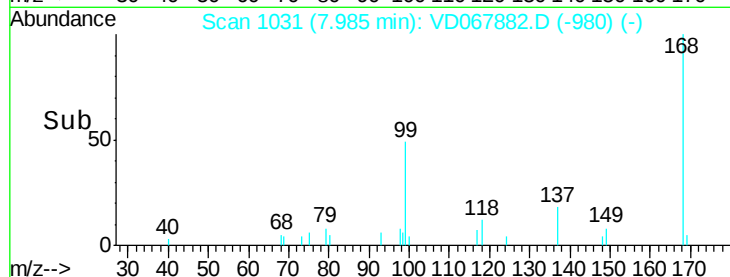
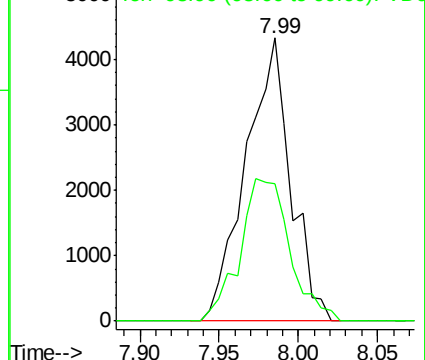
168 100

99 48.6 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.771 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067882.D

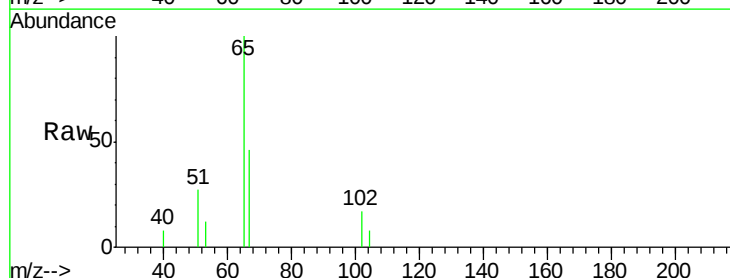
Acq: 04 Dec 2020 13:42

Tgt Ion: 65 Resp: 5476

Ion Ratio Lower Upper

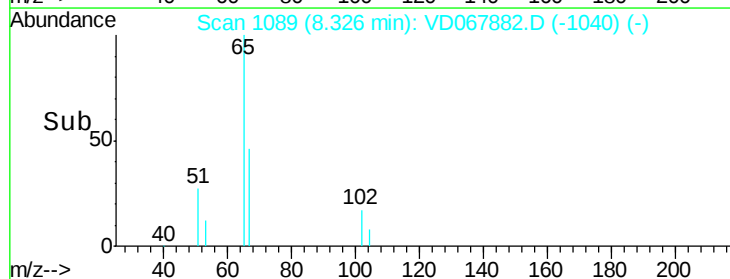
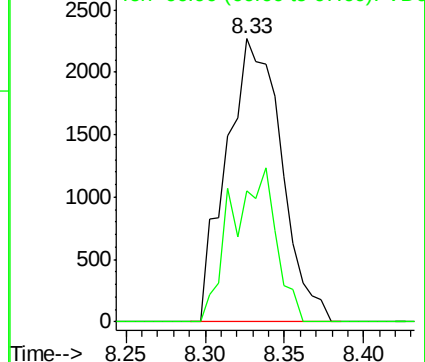
65 100

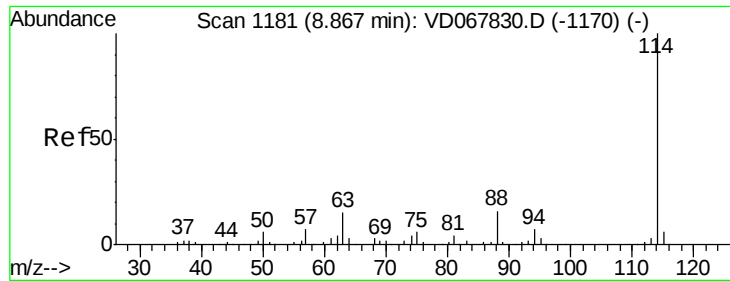
67 44.1 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

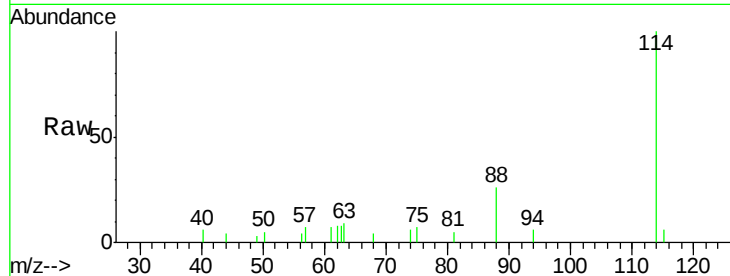




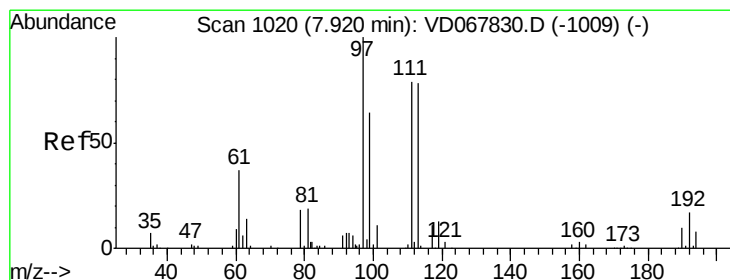
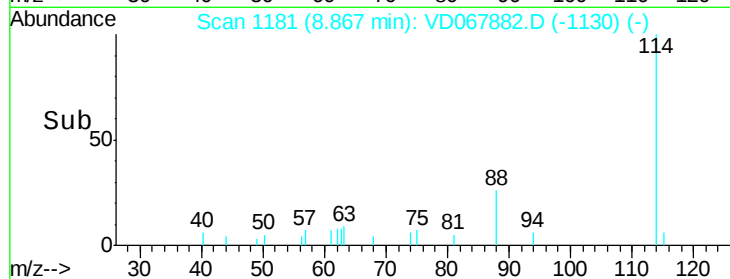
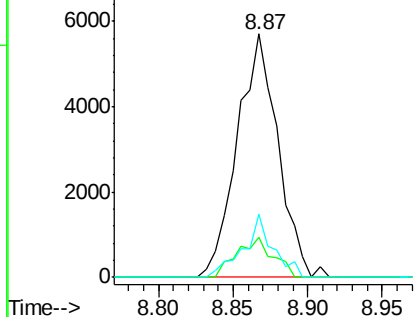
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067882.D
 Acq: 04 Dec 2020 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-120420RE

Tot Ion:114 Resp: 10824
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 30.8
 88 25.8 0.0 31.8

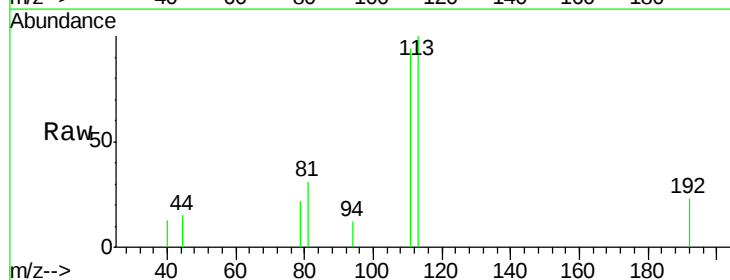


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

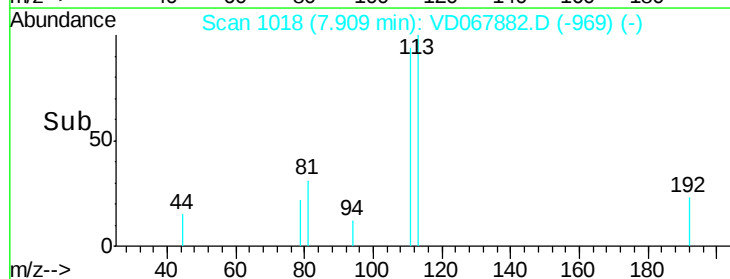
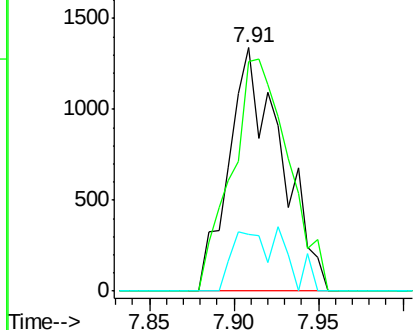


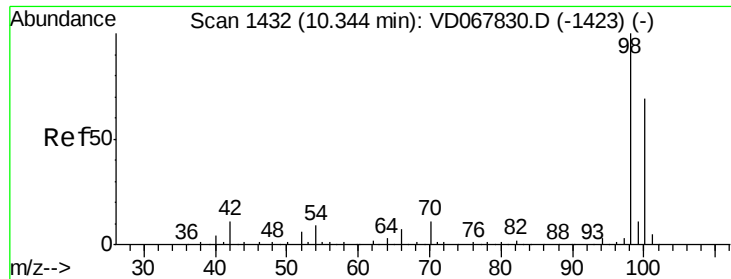
#35
 Dibromofluoromethane
 Concen: 39.888 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD067882.D
 Acq: 04 Dec 2020 13:42

Tgt Ion:113 Resp: 2889
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.2 121.8
 192 24.8 16.8 25.2



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: 43.892 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD067882.D

Acq: 04 Dec 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

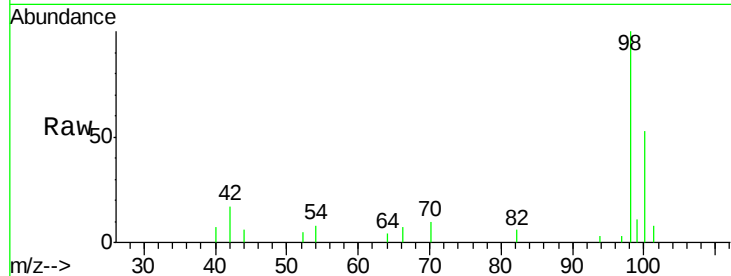
PL-02-120420RE

Tot Ion: 98 Resp: 11444

Ion Ratio Lower Upper

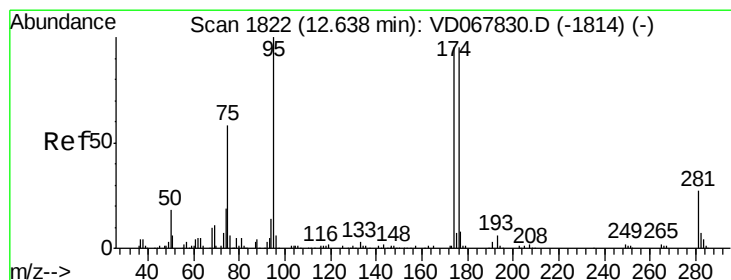
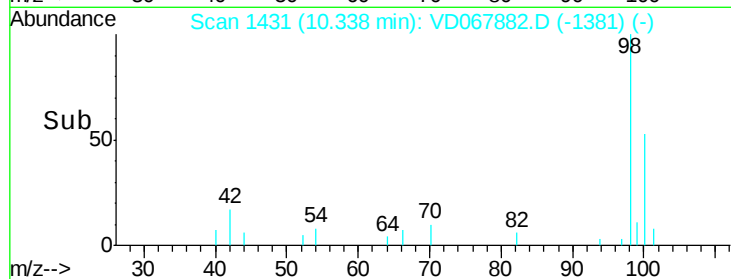
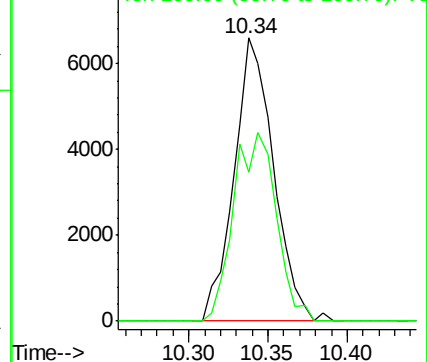
98 100

100 71.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 42.678 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067882.D

Acq: 04 Dec 2020 13:42

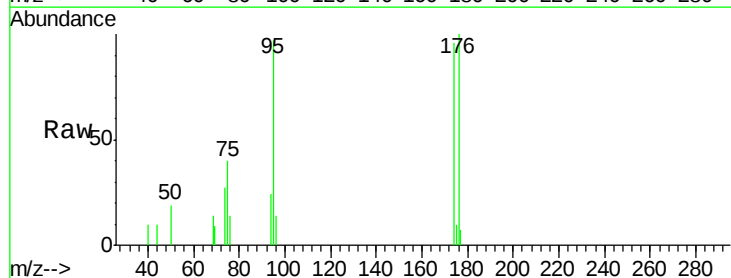
Tgt Ion: 95 Resp: 3847

Ion Ratio Lower Upper

95 100

174 110.5 0.0 186.0

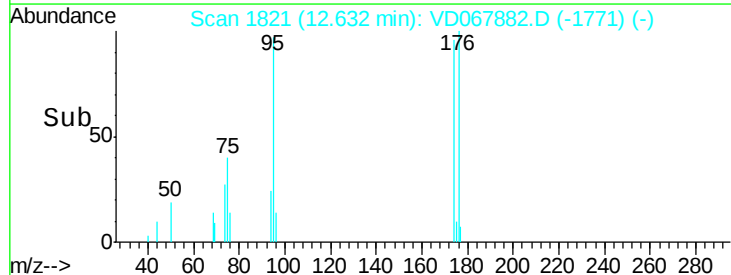
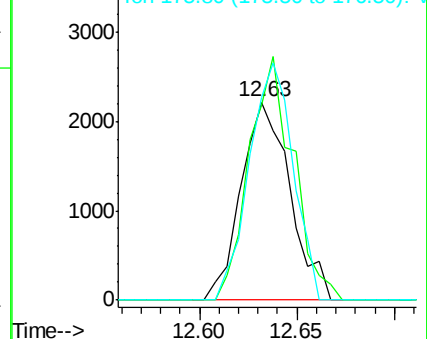
176 107.5 0.0 184.2

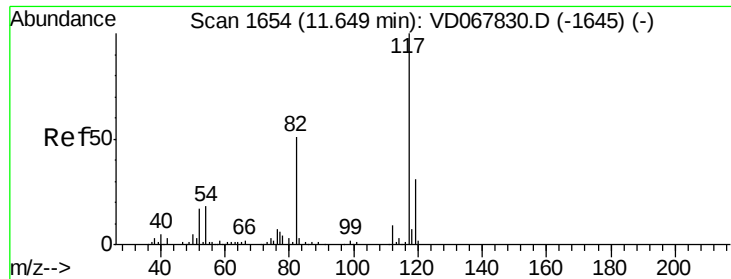


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

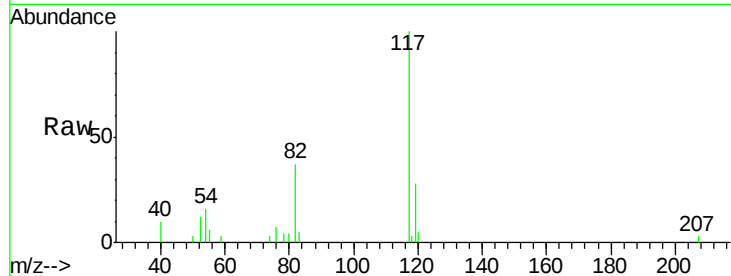




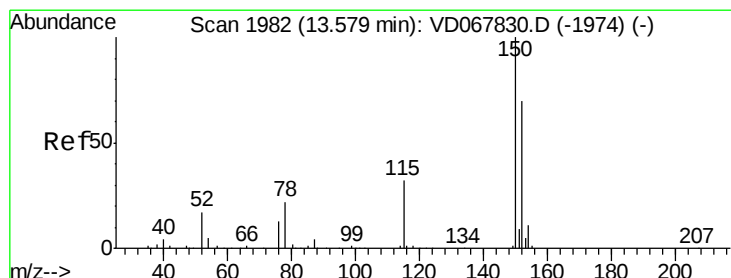
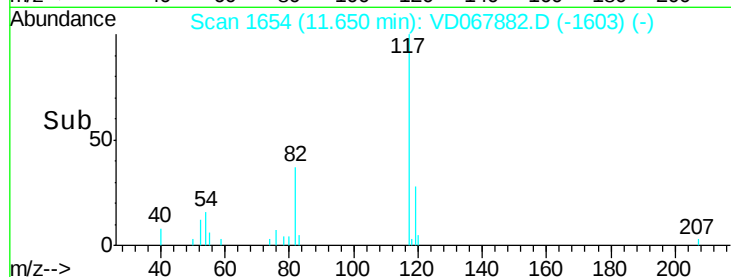
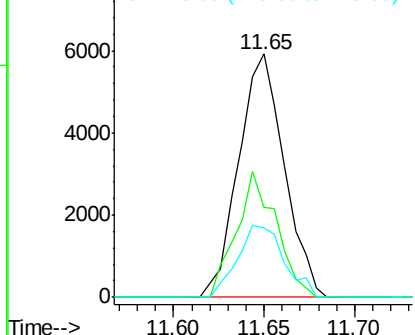
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067882.D
Acq: 04 Dec 2020 13:42

Instrument :
MSVOA_D
ClientSampleId :
PL-02-120420RE

Tot Ion:117 Resp: 10328
Ion Ratio Lower Upper
117 100
82 37.1 40.6 60.8#
119 28.5 25.1 37.7

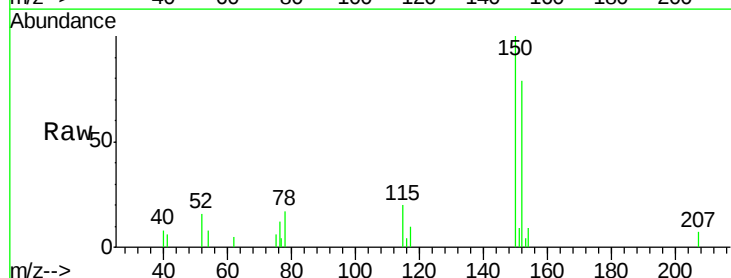


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD067882.D
Acq: 04 Dec 2020 13:42

Tgt Ion:152 Resp: 5307
Ion Ratio Lower Upper
152 100
115 49.8 29.1 87.4
150 148.7 0.0 339.0



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

