

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120320\
 Data File : VD067867.D
 Acq On : 03 Dec 2020 14:38
 Operator : VA/SY
 Sample : L4935-01
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-12220

Quant Time: Dec 04 03:01:21 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	7.98	168	35385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	49207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	48963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	25881	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	25169	66.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.52%
35) Dibromofluoromethane	7.92	113	15929	48.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.76%
50) Toluene-d8	10.34	98	55633	46.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.88%
62) 4-Bromofluorobenzene	12.64	95	19182	46.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.62%

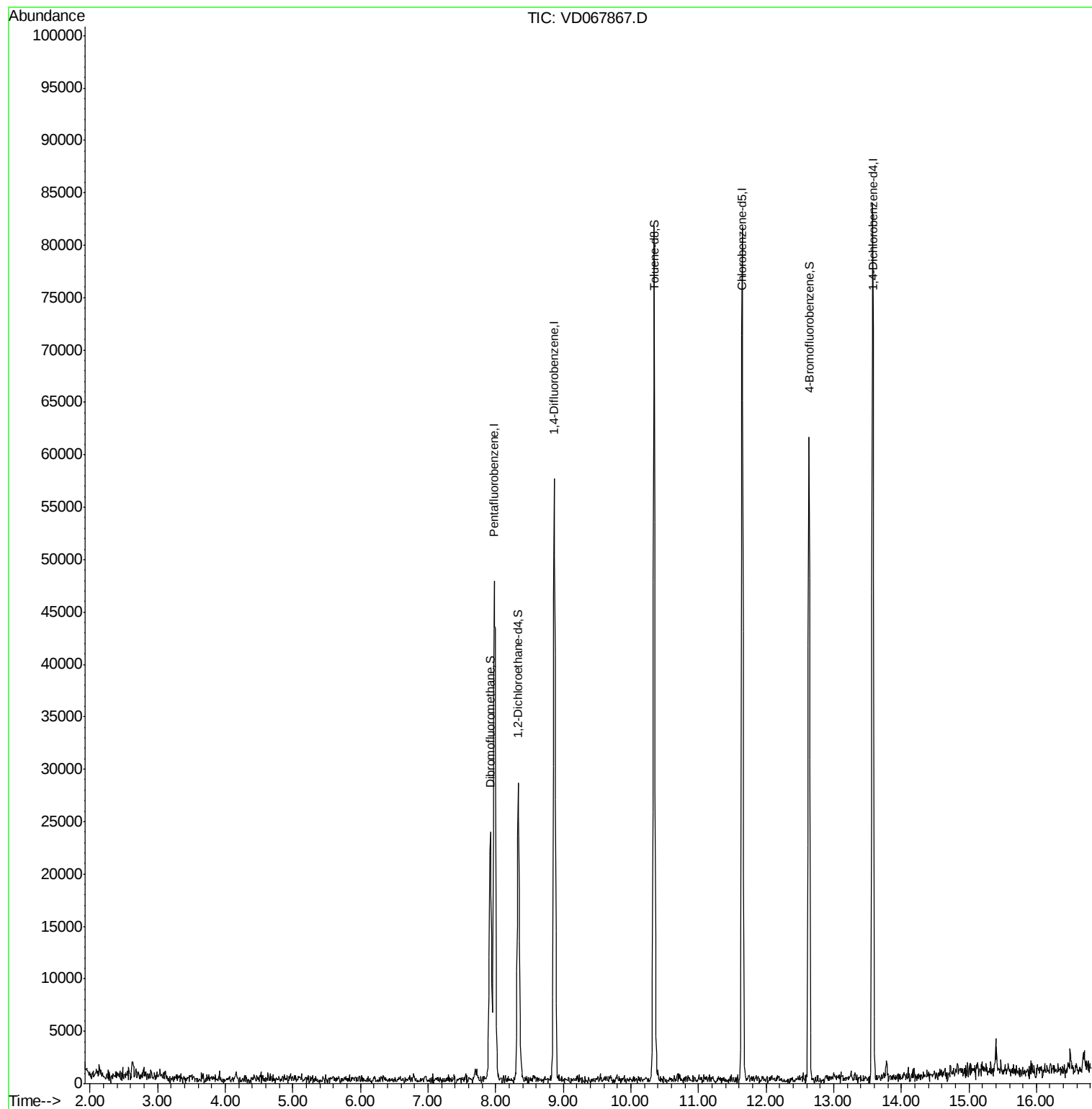
Target Compounds	Qvalue
------------------	--------

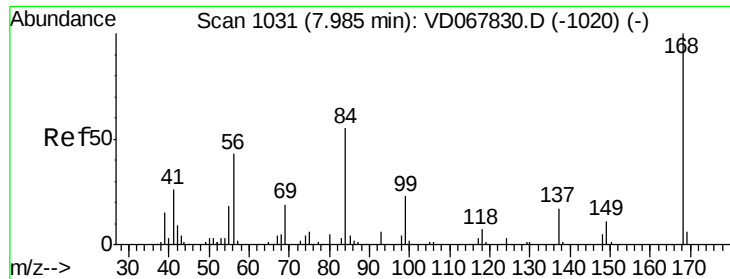
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120320\
Data File : VD067867.D
Acq On : 03 Dec 2020 14:38
Operator : VA/SY
Sample : L4935-01
Misc : 7.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-02-12220

Quant Time: Dec 04 03:01:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067867.D

Acq: 03 Dec 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

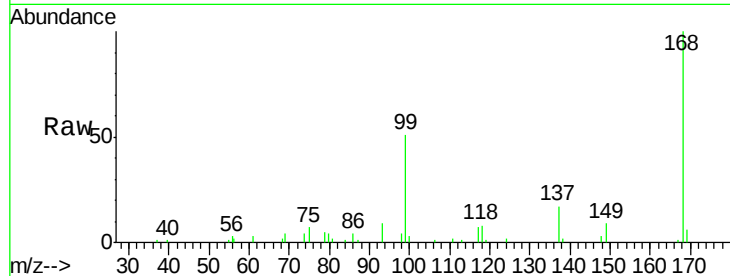
OK-02-12220

Tot Ion:168 Resp: 35385

Ion Ratio Lower Upper

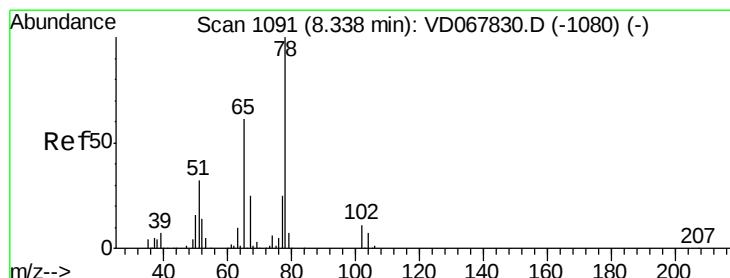
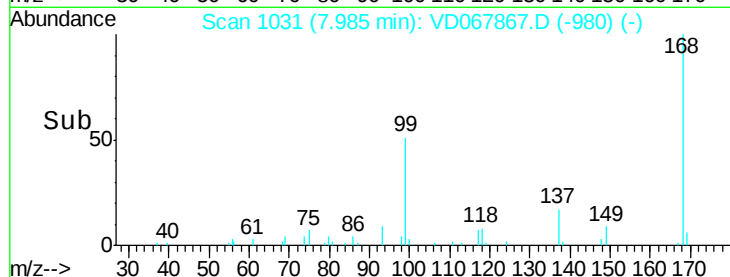
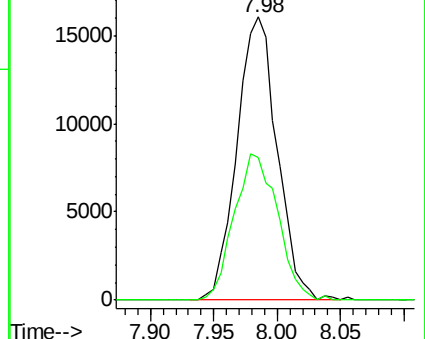
168 100

99 50.6 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: 66.256 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067867.D

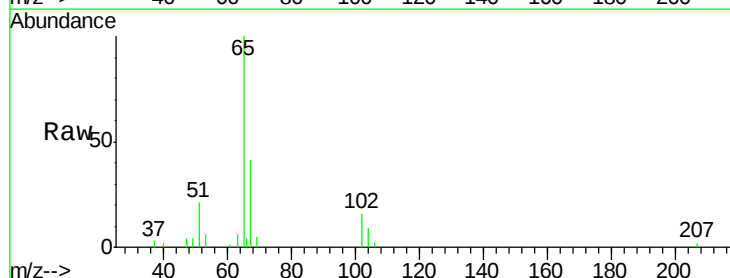
Acq: 03 Dec 2020 14:38

Tgt Ion: 65 Resp: 25169

Ion Ratio Lower Upper

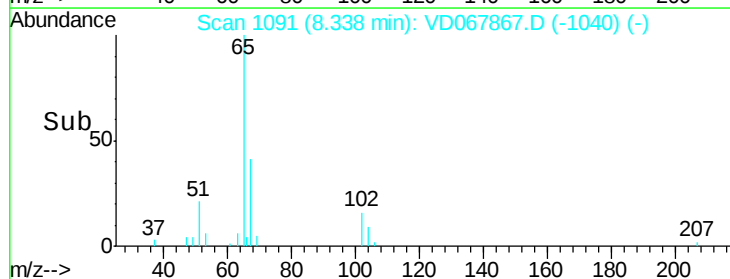
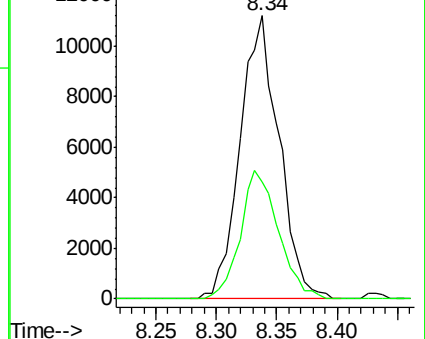
65 100

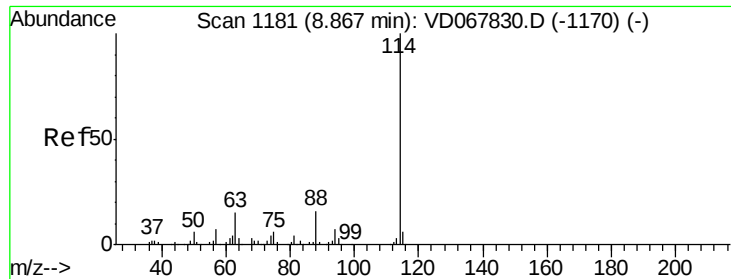
67 44.4 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

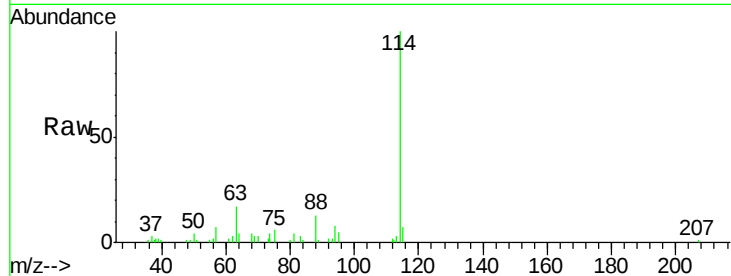




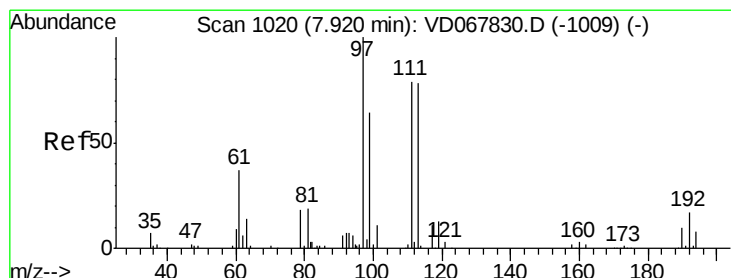
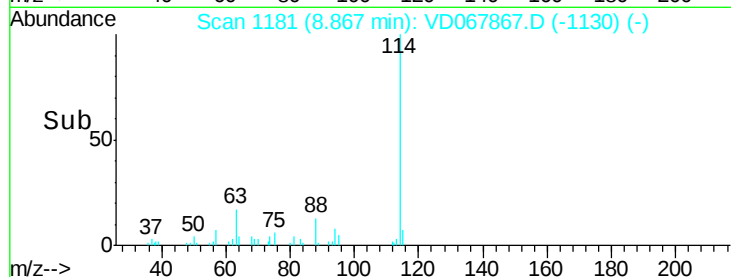
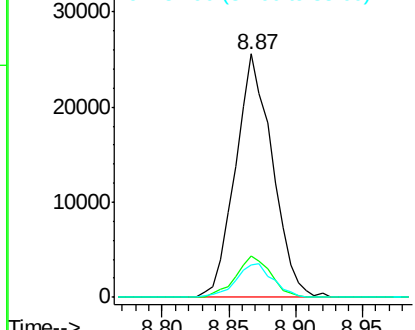
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067867.D
 Acq: 03 Dec 2020 14:38

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-12220

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	30.8
88	13.3	0.0	31.8

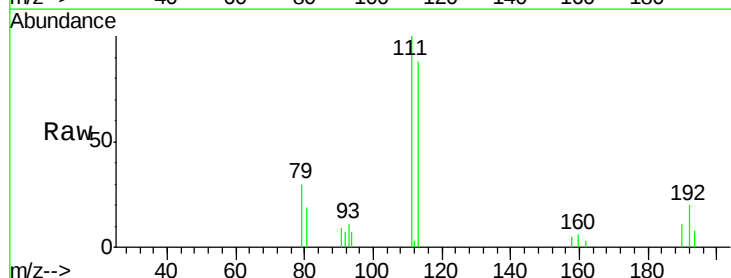


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

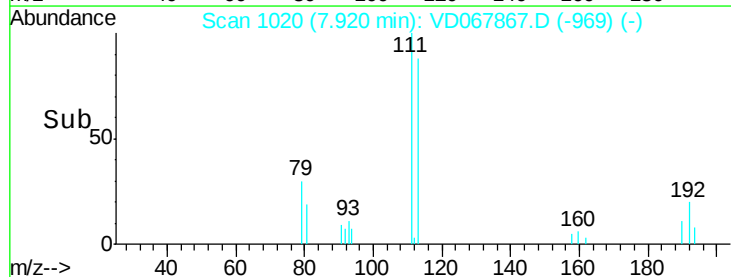
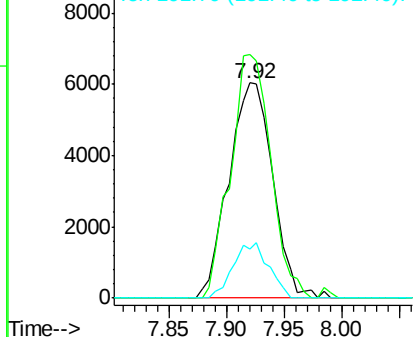


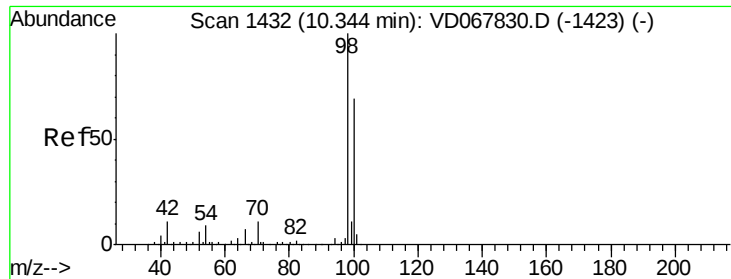
#35
 Dibromofluoromethane
 Concen: 48.377 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067867.D
 Acq: 03 Dec 2020 14:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.2	121.8
192	20.6	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: 46.936 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067867.D

Acq: 03 Dec 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

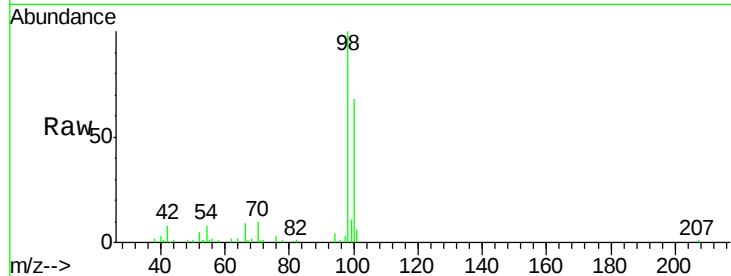
OK-02-12220

Tot Ion: 98 Resp: 55633

Ion Ratio Lower Upper

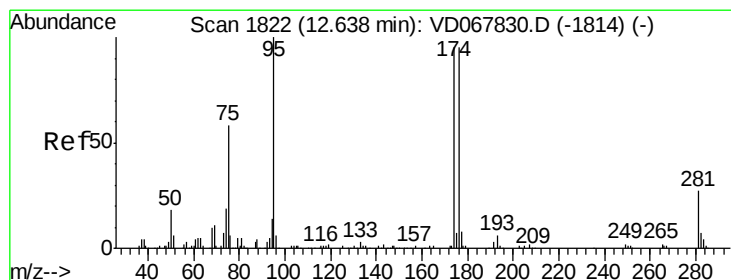
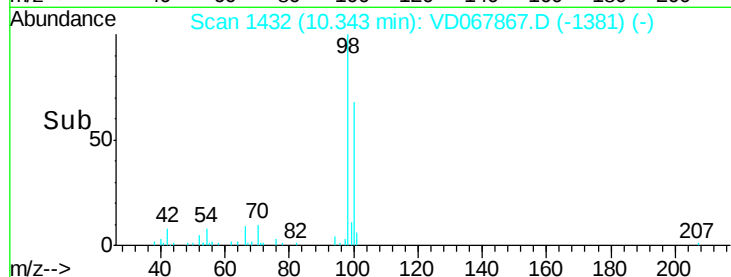
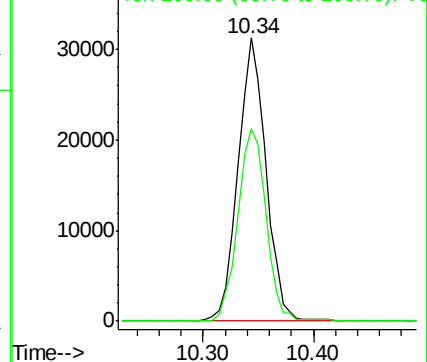
98 100

100 69.0 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: 46.809 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067867.D

Acq: 03 Dec 2020 14:38

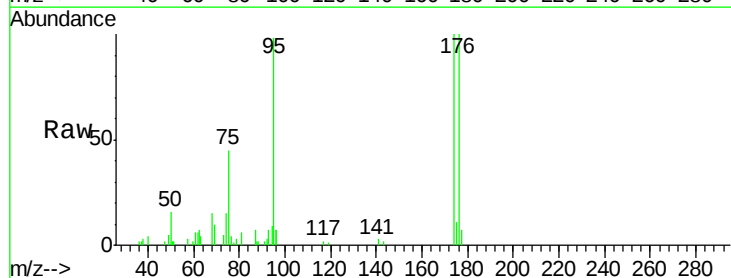
Tgt Ion: 95 Resp: 19182

Ion Ratio Lower Upper

95 100

174 99.0 0.0 186.0

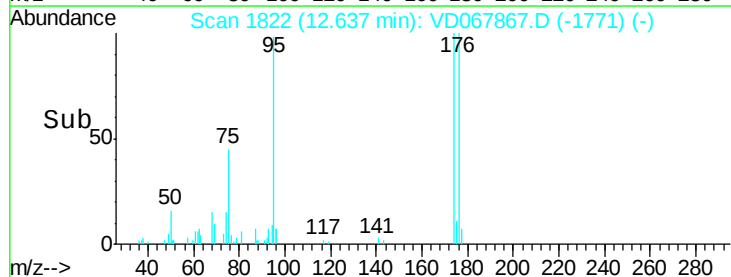
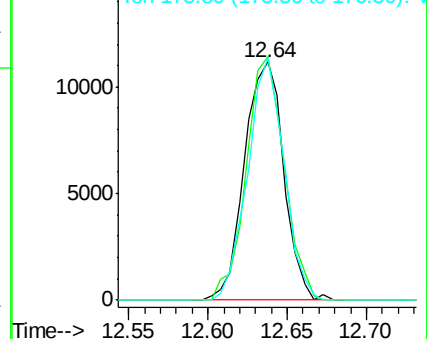
176 94.3 0.0 184.2

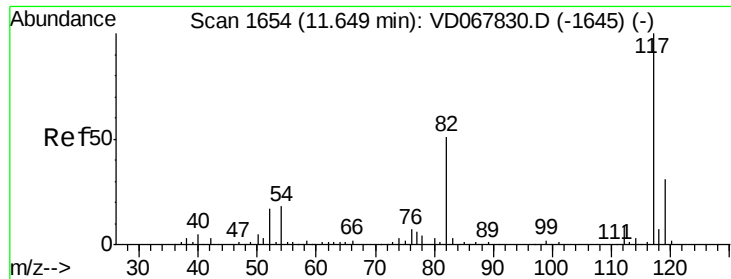


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

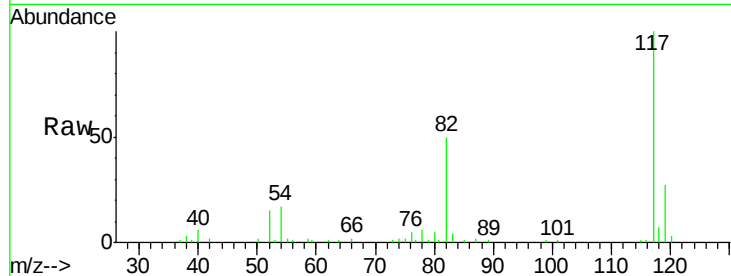




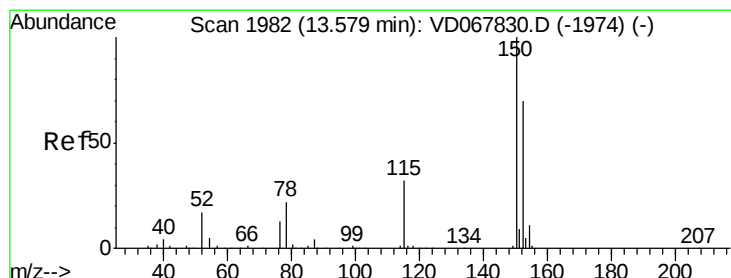
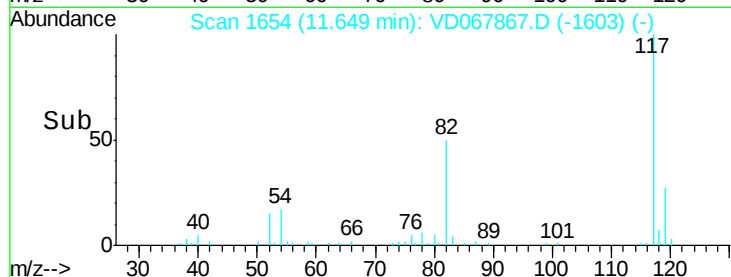
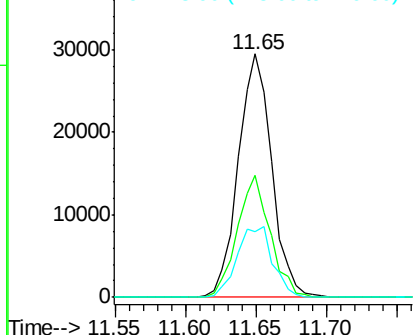
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067867.D
Acq: 03 Dec 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :
OK-02-12220

Tot Ion:117 Resp: 48963
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 27.0 25.1 37.7

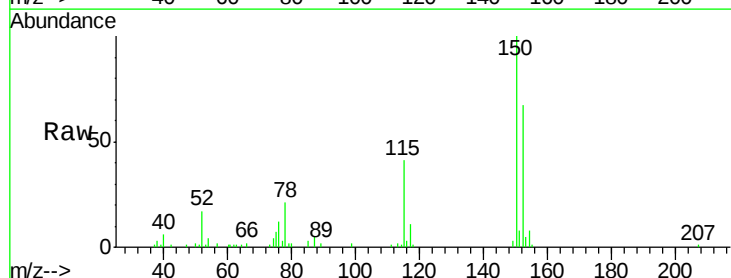


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067867.D
Acq: 03 Dec 2020 14:38

Tgt Ion:152 Resp: 25881
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.4
150 149.0 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

