

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067848.D
 Acq On : 02 Dec 2020 20:57
 Operator : VA/SY
 Sample : L4911-01
 Misc : 6.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SK-12-1-SPA

Quant Time: Dec 03 02:44:10 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	244882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	354703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	311830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149570	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	126760	48.22	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.44%		
35) Dibromofluoromethane	7.92	113	110603	46.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.20%		
50) Toluene-d8	10.34	98	402665	47.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.26%		
62) 4-Bromofluorobenzene	12.64	95	126218	42.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.46%		

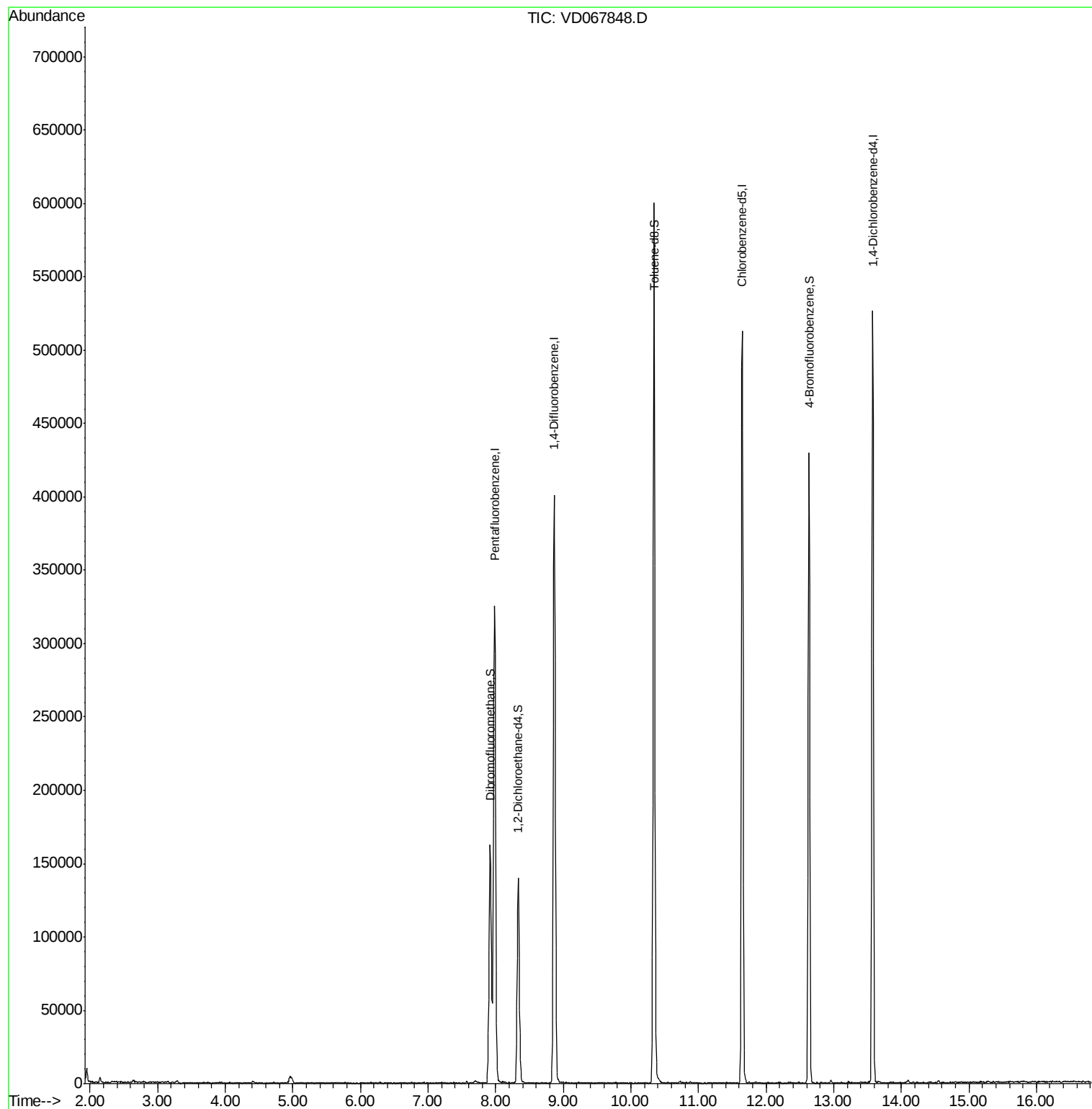
Target Compounds	Qvalue

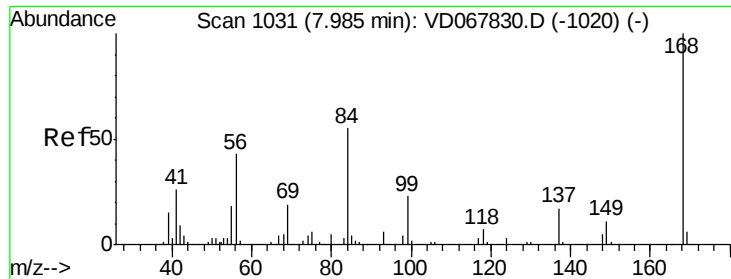
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067848.D

Acq: 02 Dec 2020 20:57

Instrument :

MSVOA_D

ClientSampleId :

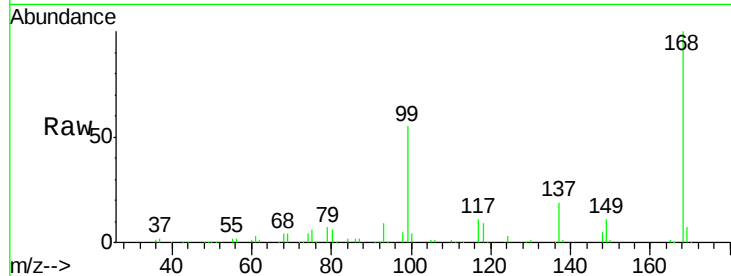
SK-12-1-SPA

Tot Ion:168 Resp: 244882

Ion Ratio Lower Upper

168 100

99 54.9 47.1 70.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

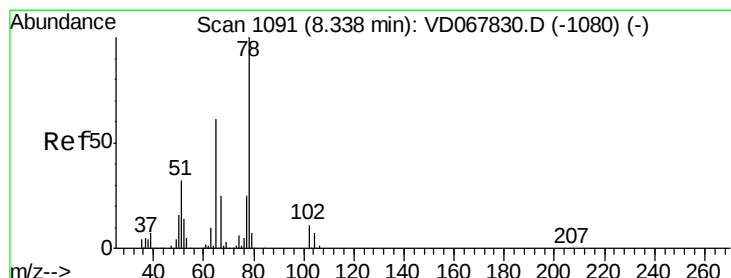
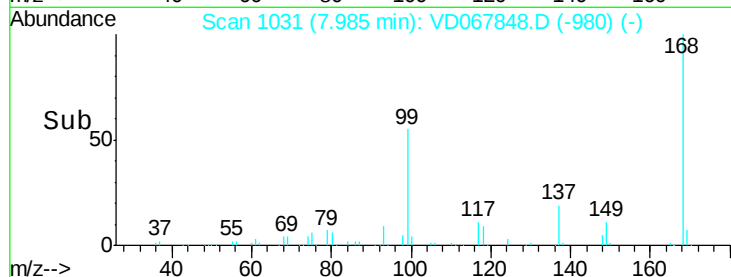
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.218 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067848.D

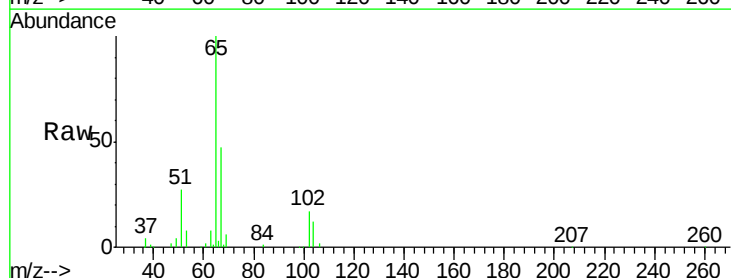
Acq: 02 Dec 2020 20:57

Tgt Ion: 65 Resp: 126760

Ion Ratio Lower Upper

65 100

67 48.2 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

30000

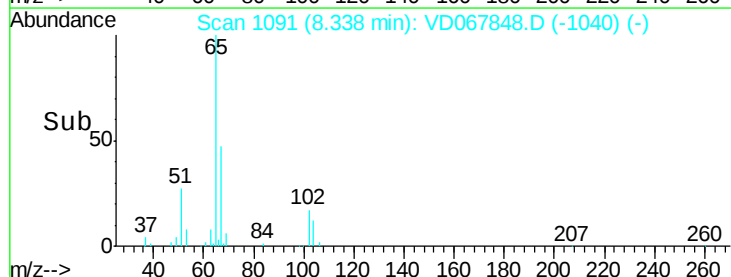
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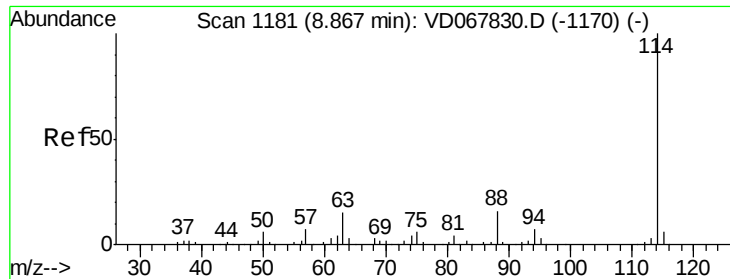
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0

Time-->

8.20 8.30 8.40 8.50

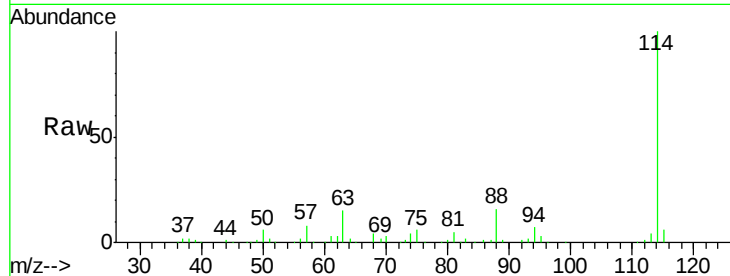




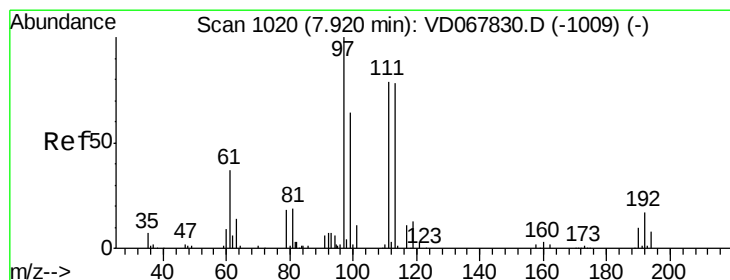
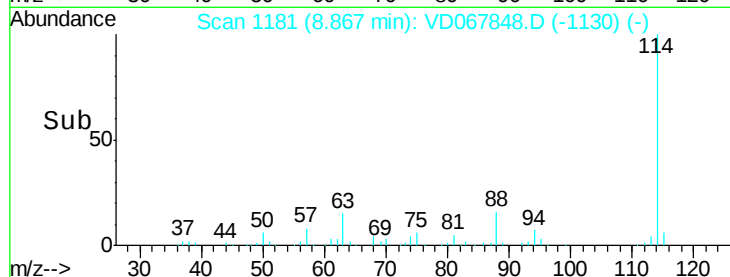
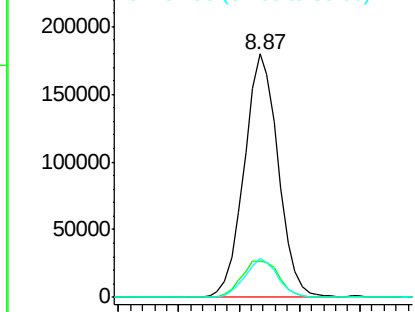
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067848.D
 Acq: 02 Dec 2020 20:57

Instrument :
 MSVOA_D
 ClientSampleId :
 SK-12-1-SPA

Tot Ion:114 Resp: 354703
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 30.8
 88 15.8 0.0 31.8

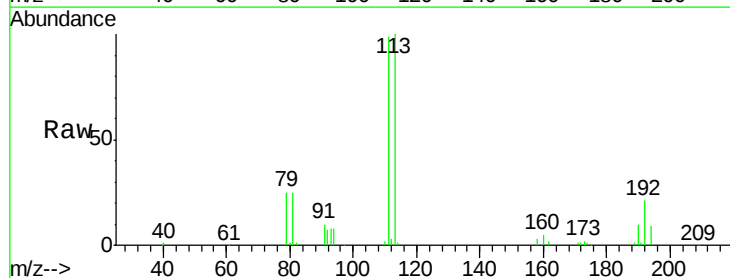


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

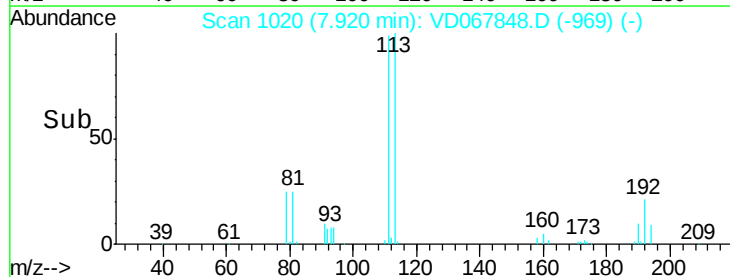
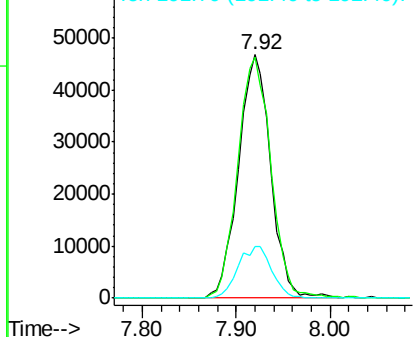


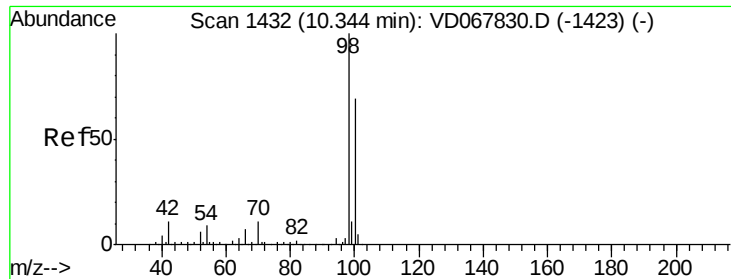
#35
 Dibromofluoromethane
 Concen: 46.600 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067848.D
 Acq: 02 Dec 2020 20:57

Tgt Ion:113 Resp: 110603
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 22.1 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

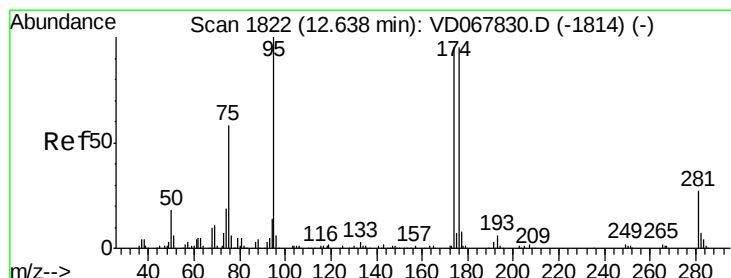
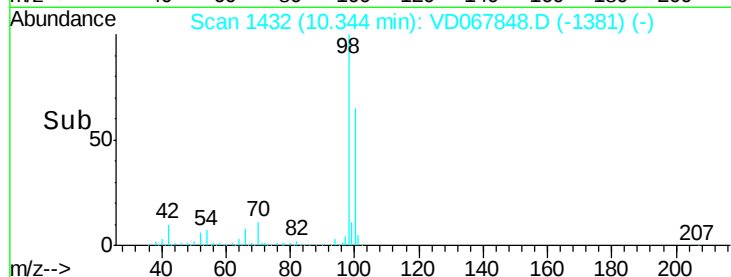
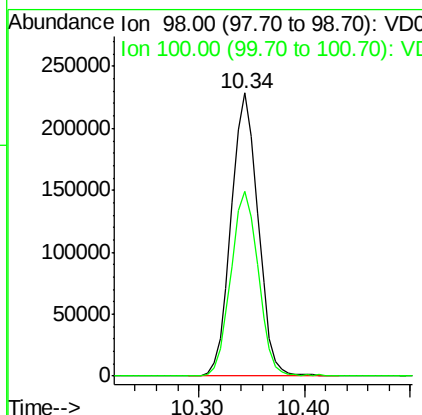
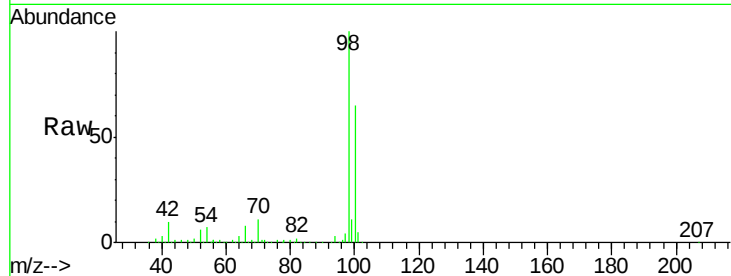




#50
Toluene-d8
Concen: 47.128 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067848.D
Acq: 02 Dec 2020 20:57

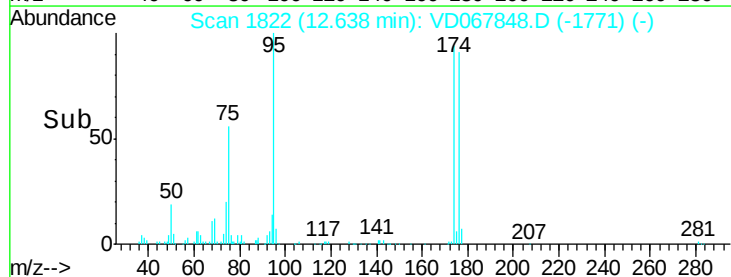
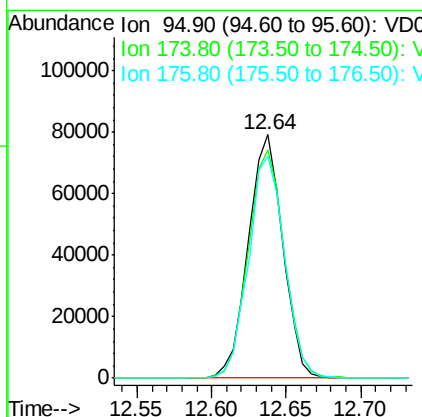
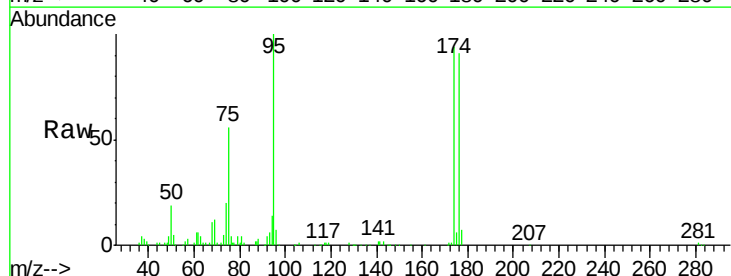
Instrument :
MSVOA_D
ClientSampleId :
SK-12-1-SPA

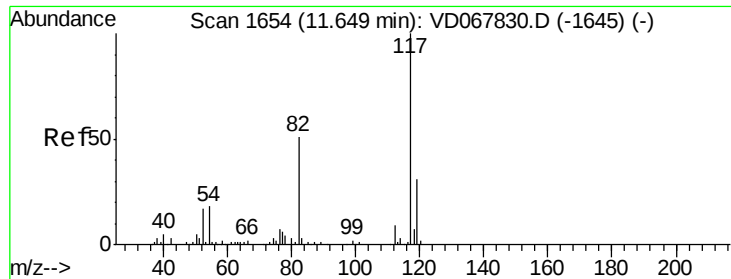
Tot Ion: 98 Resp: 402665
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 42.729 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067848.D
Acq: 02 Dec 2020 20:57

Tgt Ion: 95 Resp: 126218
Ion Ratio Lower Upper
95 100
174 98.1 0.0 186.0
176 94.8 0.0 184.2

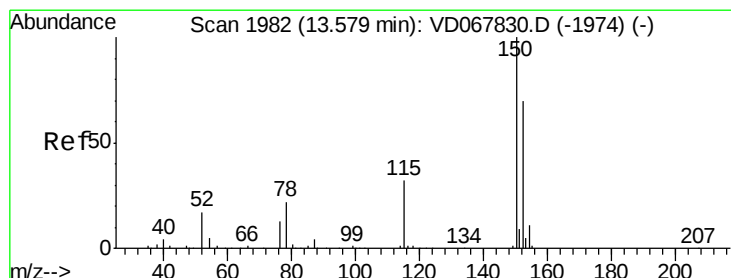
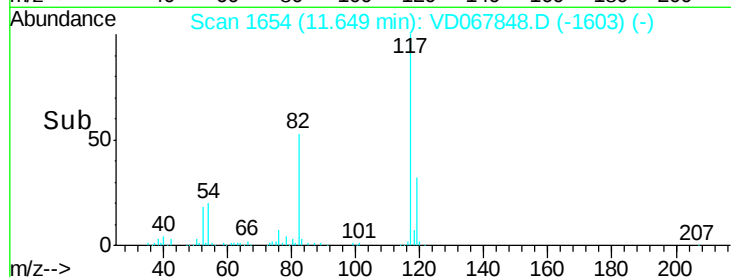
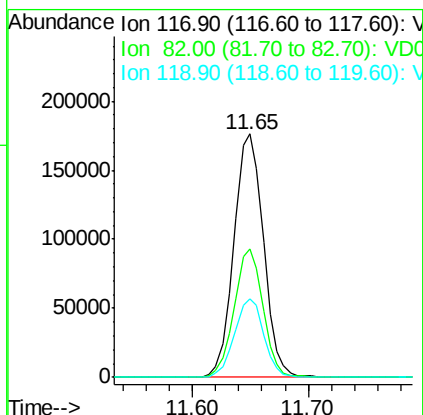
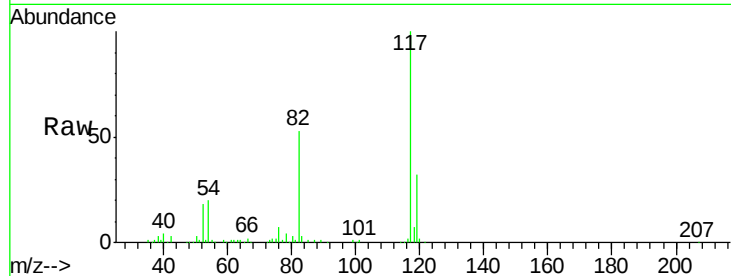




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067848.D
Acq: 02 Dec 2020 20:57

Instrument :
MSVOA_D
ClientSampleId :
SK-12-1-SPA

Tot Ion:117 Resp: 311830
Ion Ratio Lower Upper
117 100
82 52.8 40.6 60.8
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067848.D
Acq: 02 Dec 2020 20:57

Tgt Ion:152 Resp: 149570
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 157.0 0.0 339.0

