

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067852.D
 Acq On : 02 Dec 2020 22:46
 Operator : VA/SY
 Sample : L4911-05
 Misc : 7.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 03 02:49:46 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	238506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	338538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	306877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146566	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123998	48.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.86%
35) Dibromofluoromethane	7.92	113	103555	45.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.42%
50) Toluene-d8	10.34	98	382278	46.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.76%
62) 4-Bromofluorobenzene	12.64	95	126797	44.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.94%

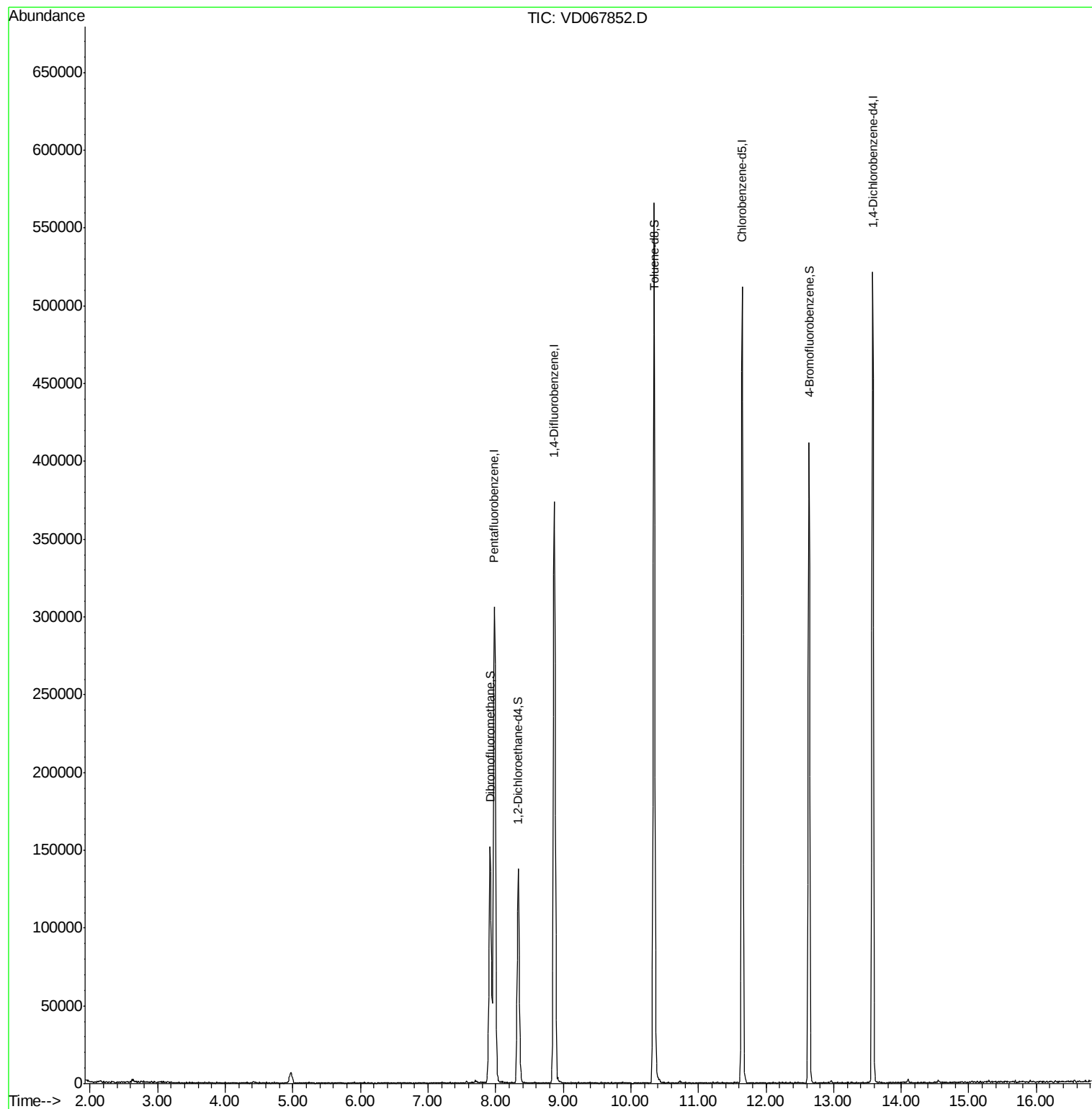
Target Compounds	Qvalue

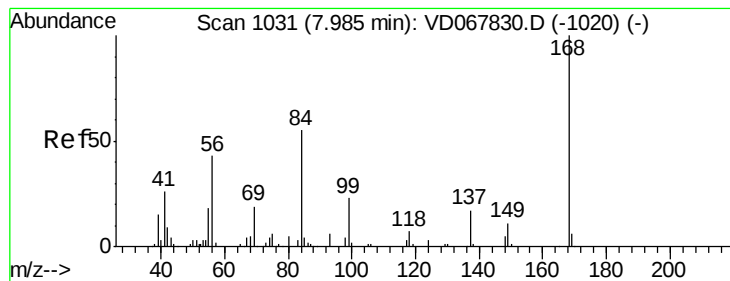
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067852.D

Acq: 02 Dec 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

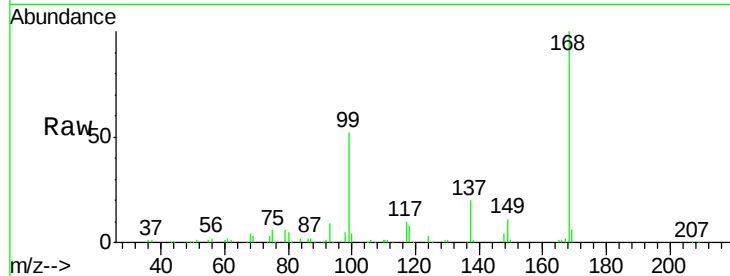
SK-12-1-SPE

Tot Ion:168 Resp: 238506

Ion Ratio Lower Upper

168 100

99 51.5 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

100000

80000

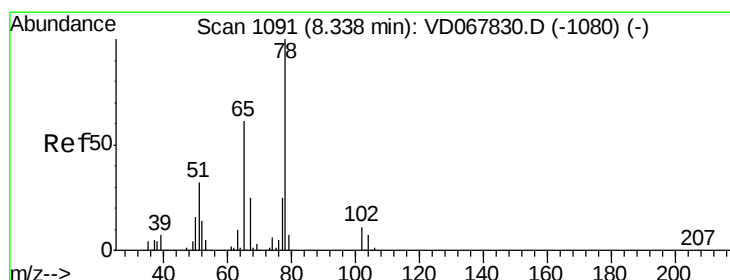
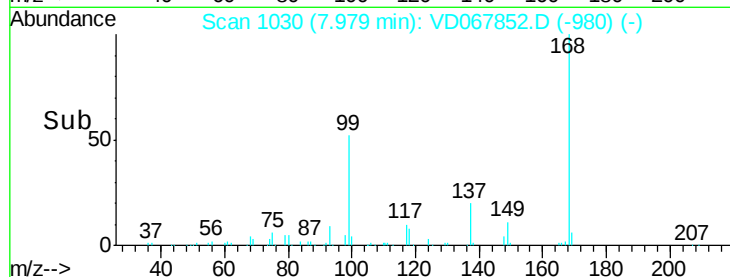
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.428 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067852.D

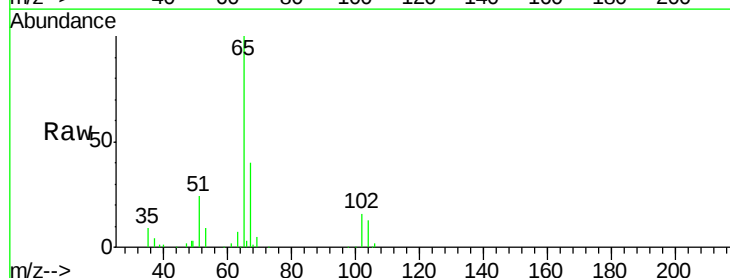
Acq: 02 Dec 2020 22:46

Tgt Ion: 65 Resp: 123998

Ion Ratio Lower Upper

65 100

67 45.9 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

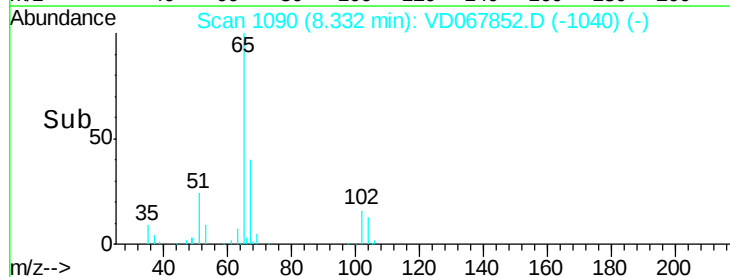
30000

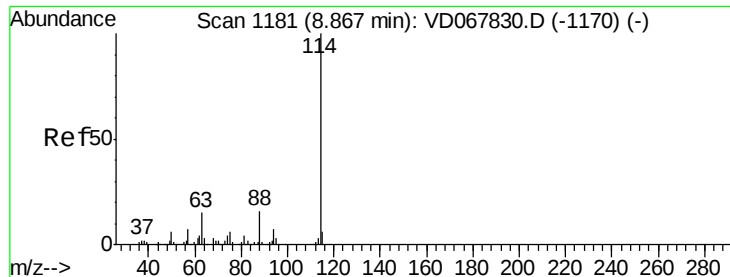
20000

10000

0

Time-->

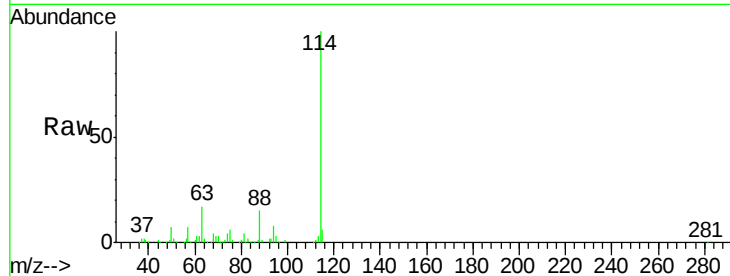




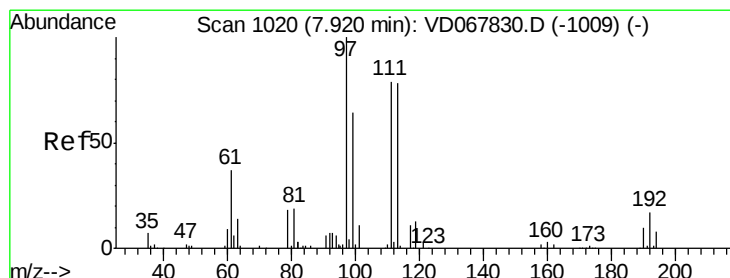
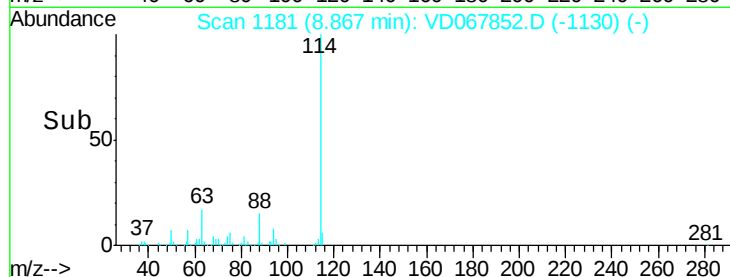
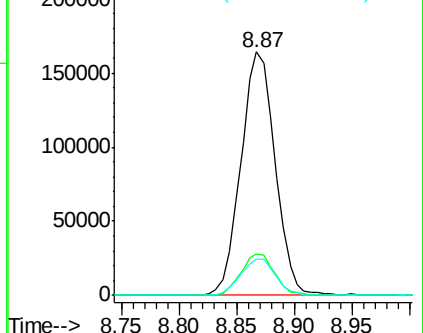
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067852.D
 Acq: 02 Dec 2020 22:46

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

Tot Ion:114 Resp: 338538
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 30.8
 88 15.1 0.0 31.8

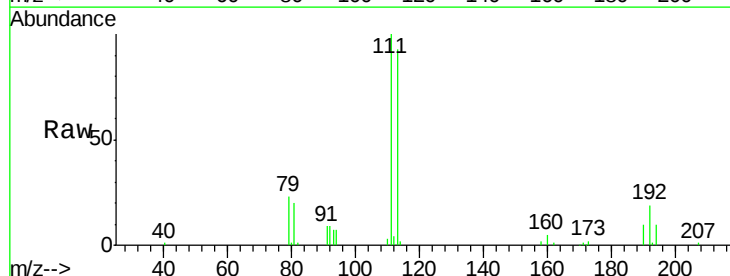


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

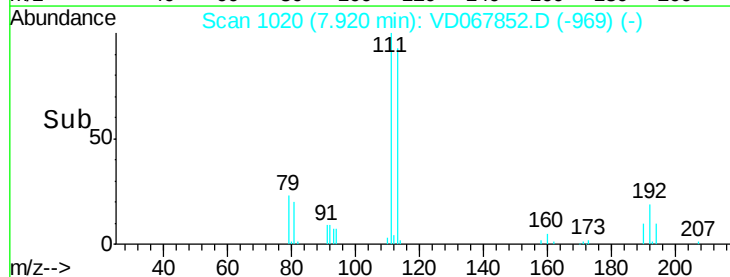
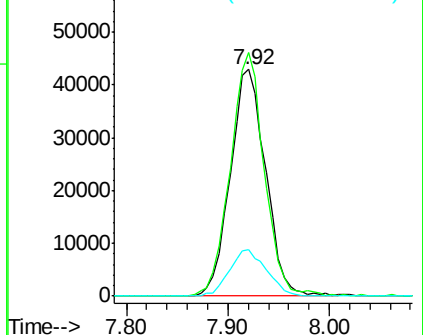


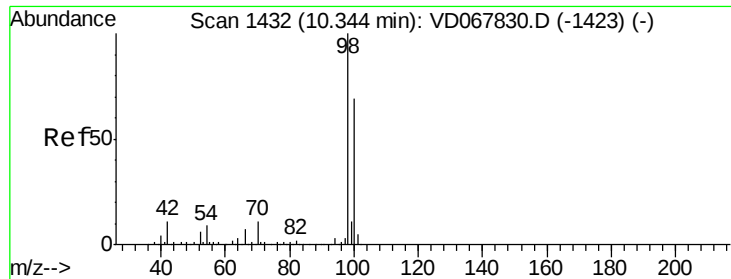
#35
 Dibromofluoromethane
 Concen: 45.713 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067852.D
 Acq: 02 Dec 2020 22:46

Tgt Ion:113 Resp: 103555
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.2 121.8
 192 21.4 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: 46.878 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067852.D

Acq: 02 Dec 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

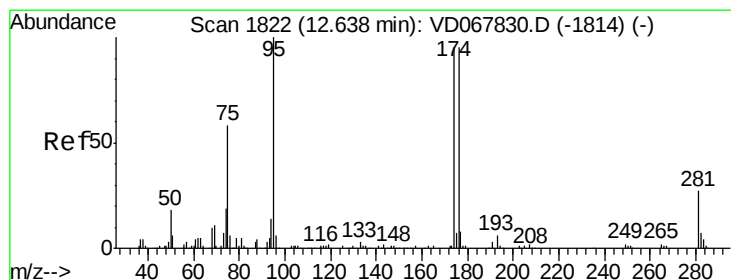
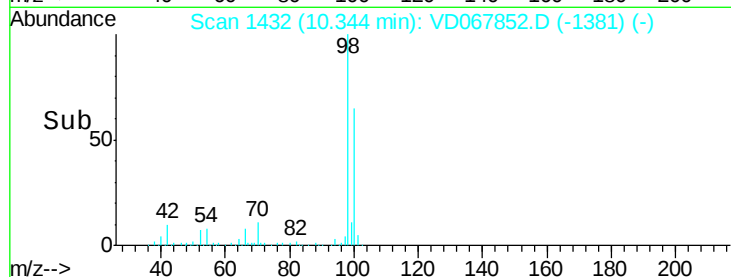
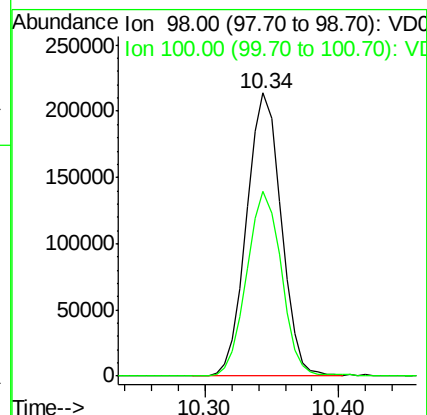
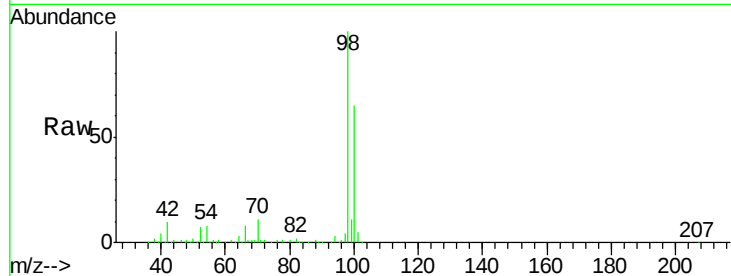
SK-12-1-SPE

Tot Ion: 98 Resp: 382278

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.975 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067852.D

Acq: 02 Dec 2020 22:46

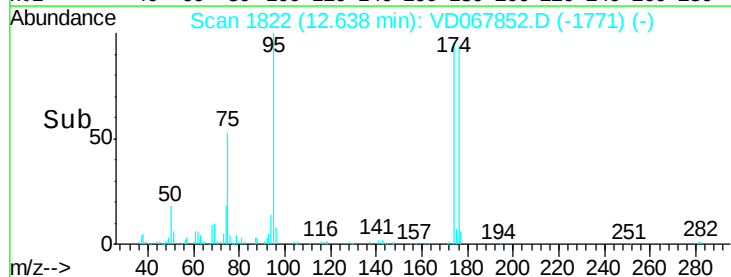
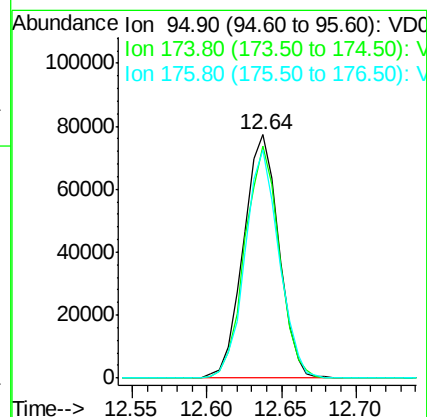
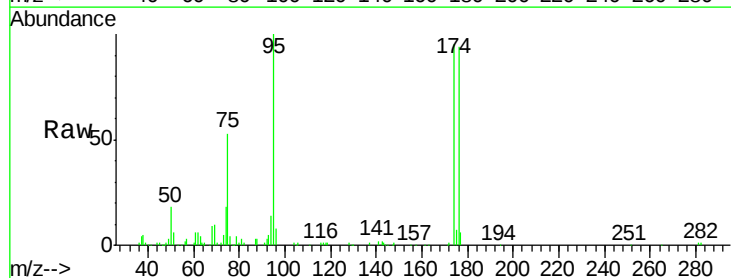
Tgt Ion: 95 Resp: 126797

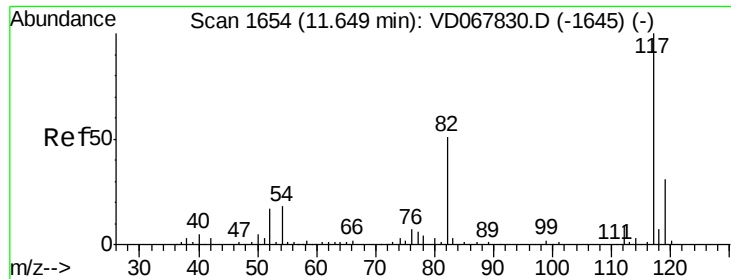
Ion Ratio Lower Upper

95 100

174 92.8 0.0 186.0

176 90.2 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: VD067852.D

Acq: 02 Dec 2020 22:46

Instrument :

MSVOA_D

ClientSampleId :

SK-12-1-SPE

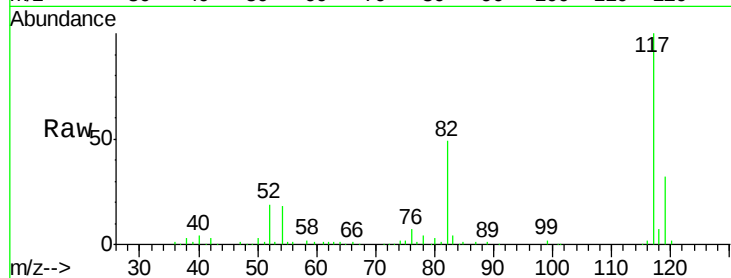
Tot Ion:117 Resp: 306877

Ion Ratio Lower Upper

117 100

82 49.4 40.6 60.8

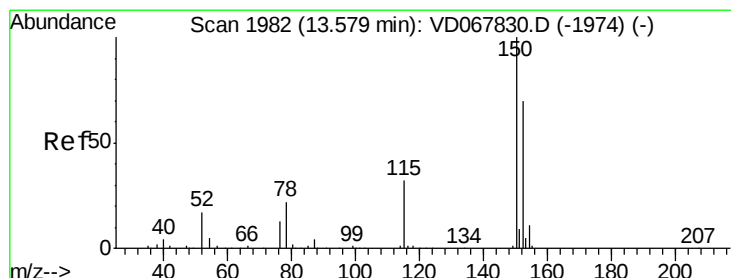
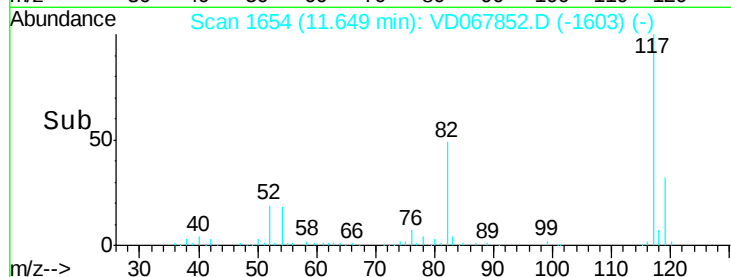
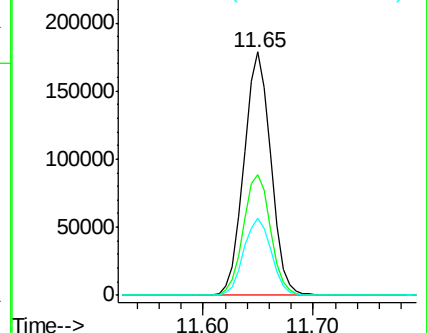
119 31.7 25.1 37.7



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: VD067852.D

Acq: 02 Dec 2020 22:46

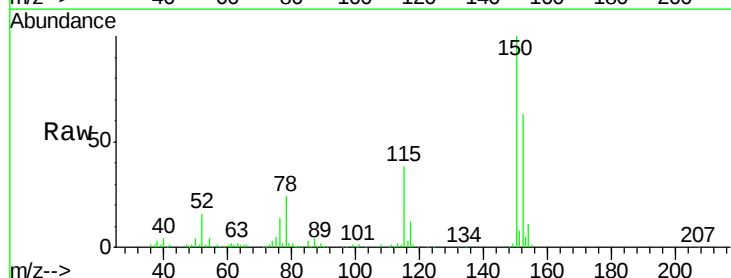
Tgt Ion:152 Resp: 146566

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

150 159.6 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

