

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067840.D
 Acq On : 02 Dec 2020 17:21
 Operator : VA/SY
 Sample : L4909-02
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Quant Time: Dec 03 01:51:23 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	41240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	57809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	55124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	28627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	27843	62.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.78%
35) Dibromofluoromethane	7.93	113	18092	46.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.54%
50) Toluene-d8	10.34	98	65002	46.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.36%
62) 4-Bromofluorobenzene	12.64	95	22664	47.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.16%

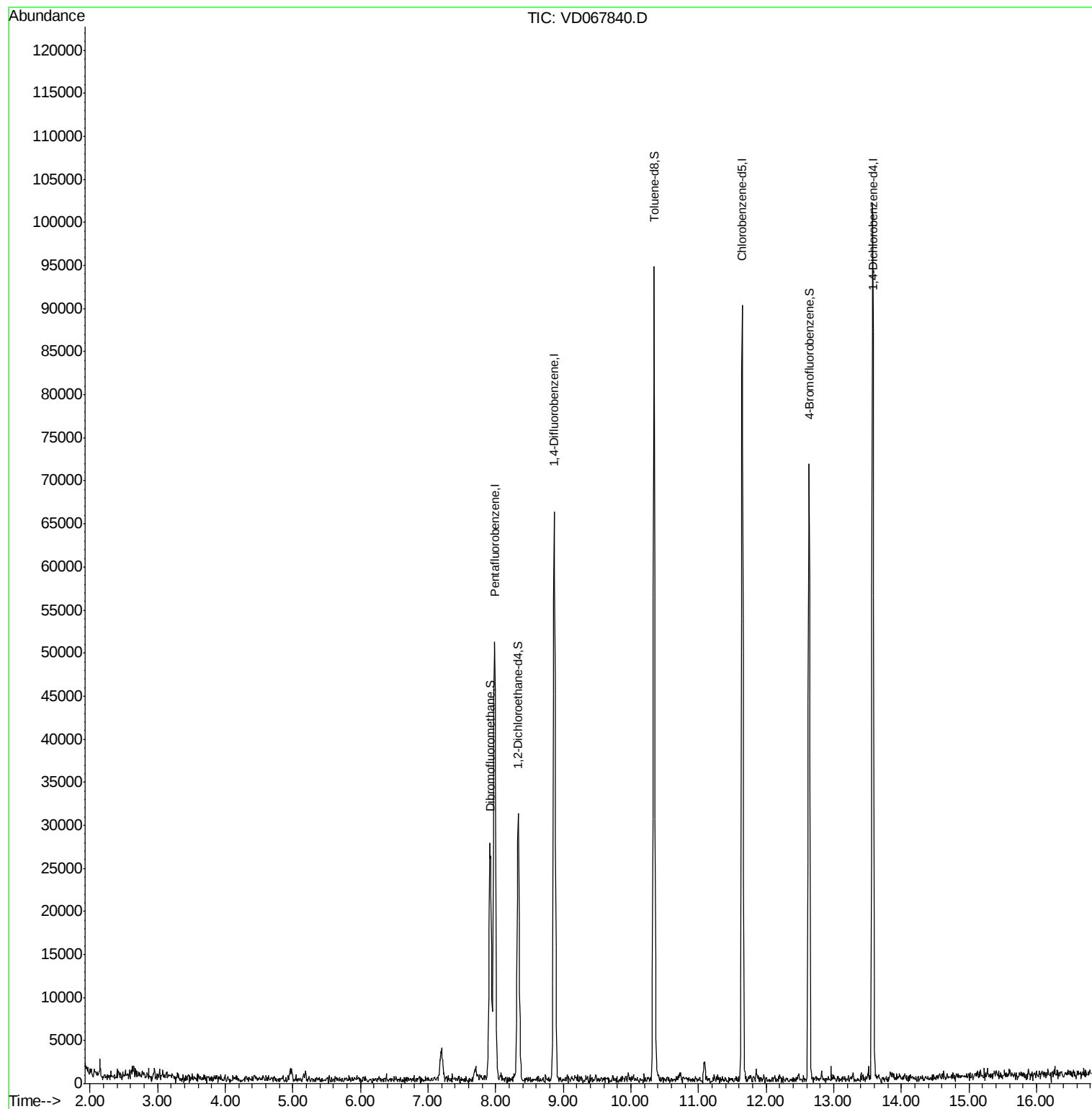
Target Compounds	Qvalue
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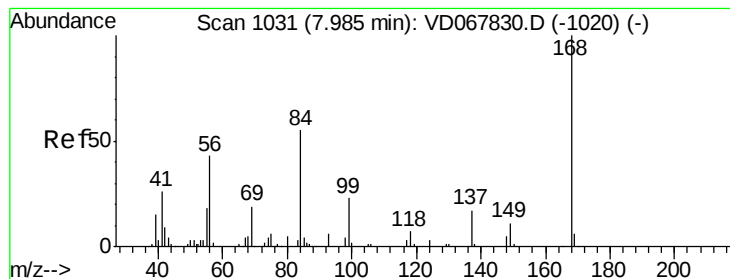
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067840.D

Acq: 02 Dec 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

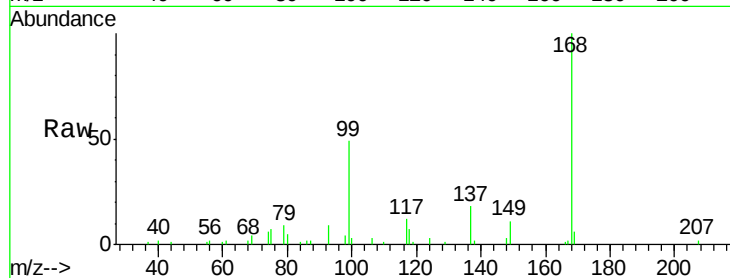
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:168 Resp: 41240

Ion Ratio Lower Upper

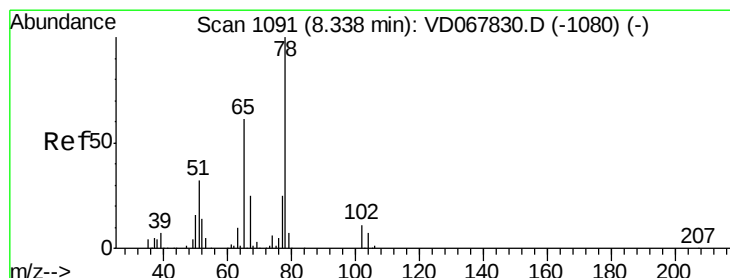
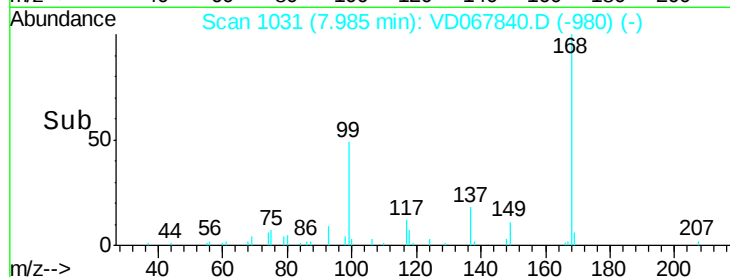
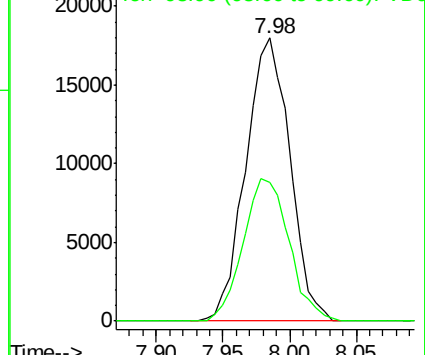
168 100

99 49.0 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: 62.890 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067840.D

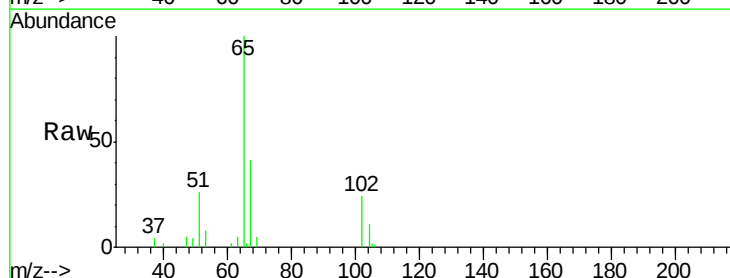
Acq: 02 Dec 2020 17:21

Tgt Ion: 65 Resp: 27843

Ion Ratio Lower Upper

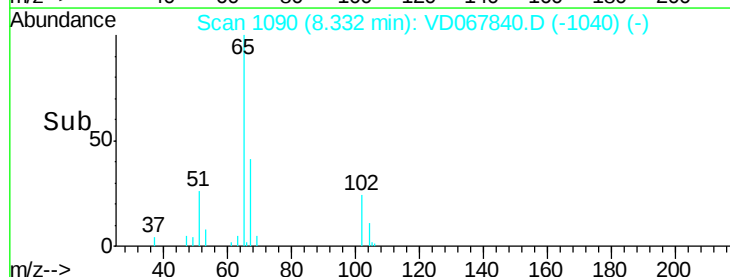
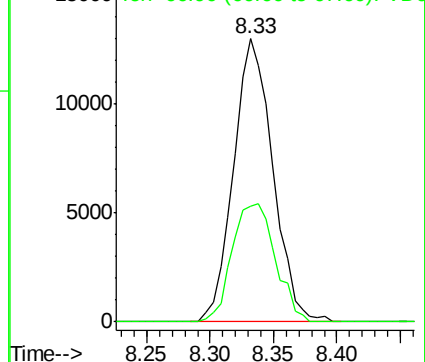
65 100

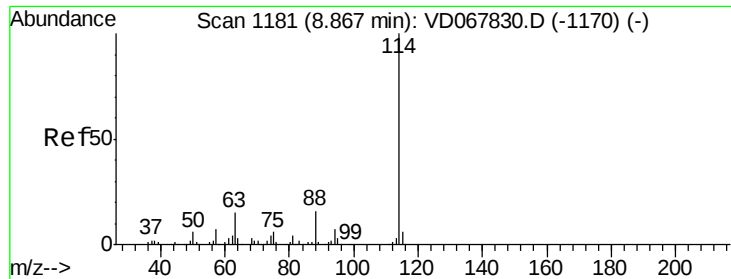
67 46.0 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

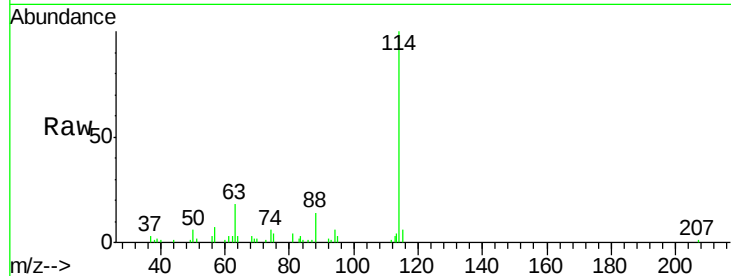




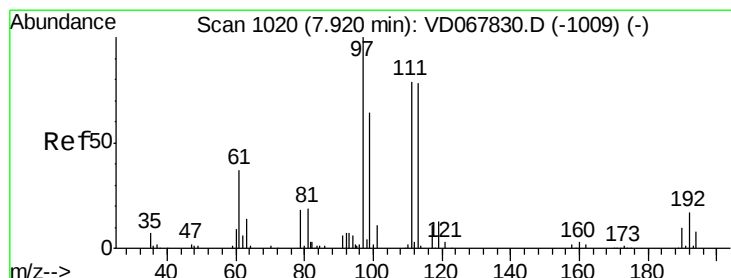
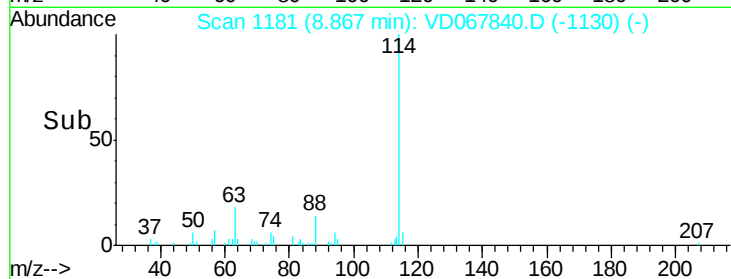
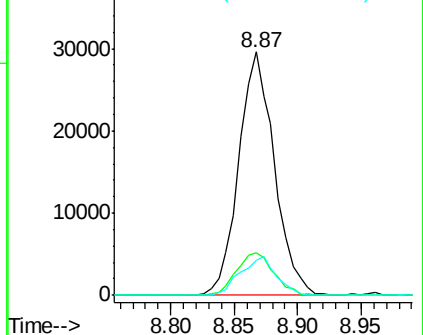
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067840.D
 Acq: 02 Dec 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	30.8
88	14.2	0.0	31.8

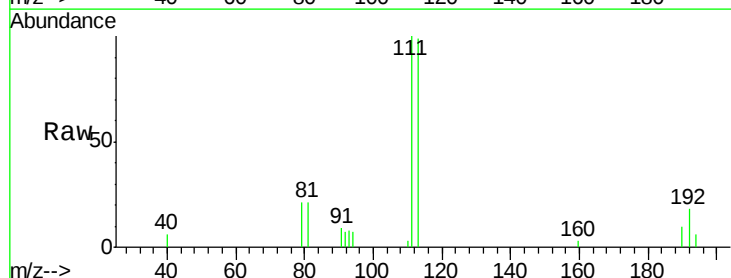


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

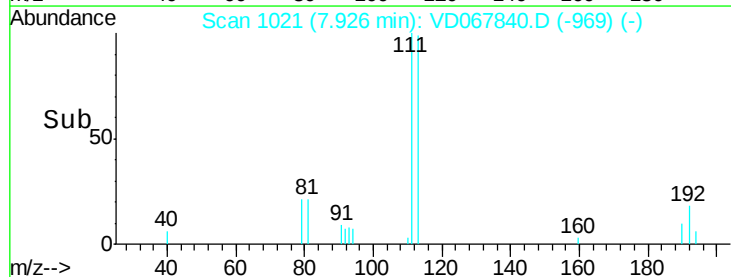
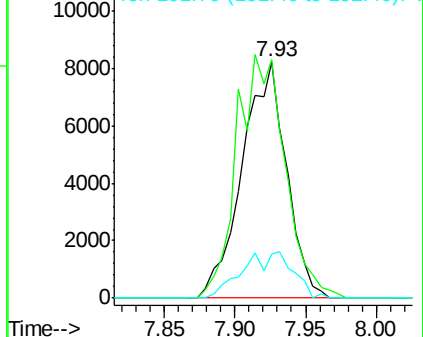


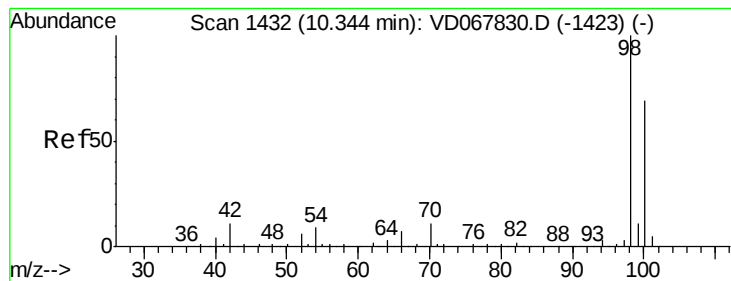
#35
 Dibromofluoromethane
 Concen: 46.770 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067840.D
 Acq: 02 Dec 2020 17:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	112.1	81.2	121.8
192	11.0	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: 46.680 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067840.D

Acq: 02 Dec 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

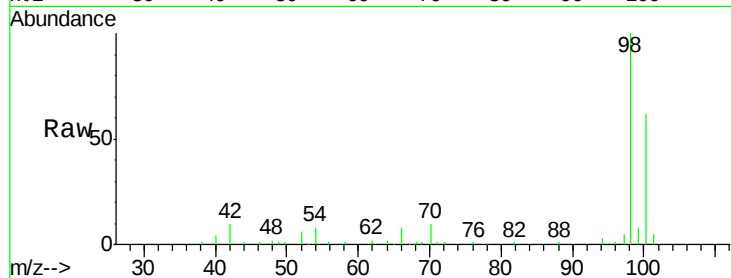
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 98 Resp: 65002

Ion Ratio Lower Upper

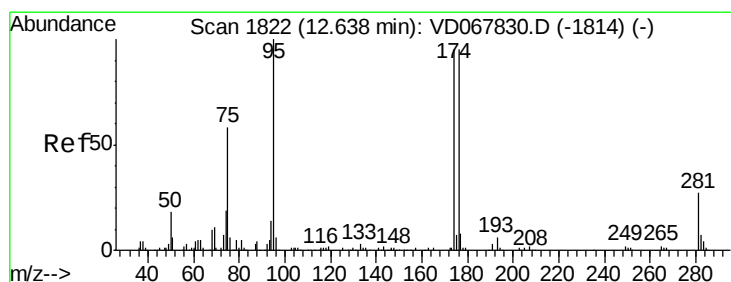
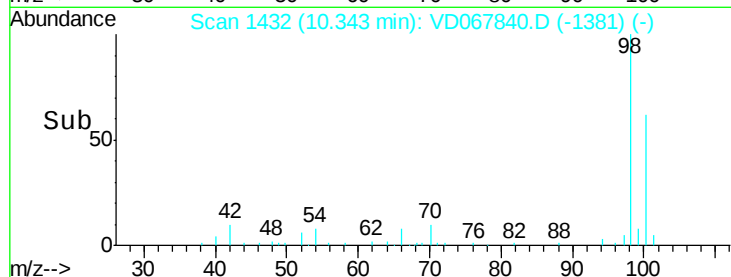
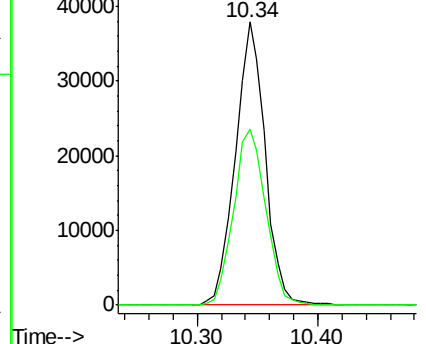
98 100

100 67.3 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: 47.077 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067840.D

Acq: 02 Dec 2020 17:21

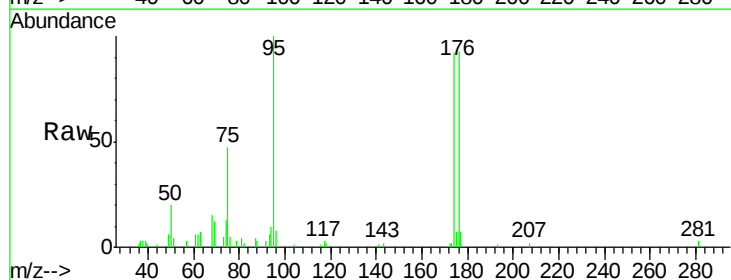
Tgt Ion: 95 Resp: 22664

Ion Ratio Lower Upper

95 100

174 94.3 0.0 186.0

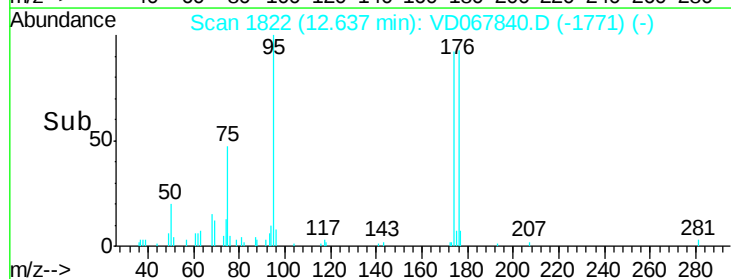
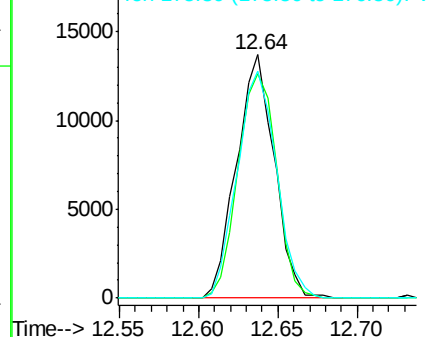
176 97.2 0.0 184.2

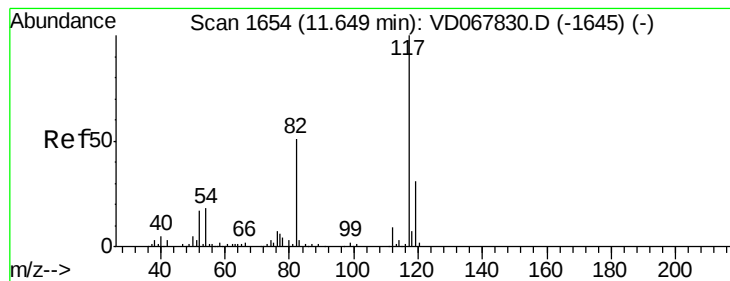


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: VD067840.D

Acq: 02 Dec 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

ROCK-HILL-SLOPE-EMBANKMENT-

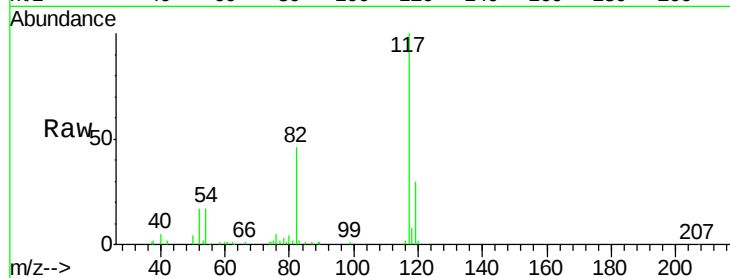
Tot Ion:117 Resp: 55124

Ion Ratio Lower Upper

117 100

82 46.1 40.6 60.8

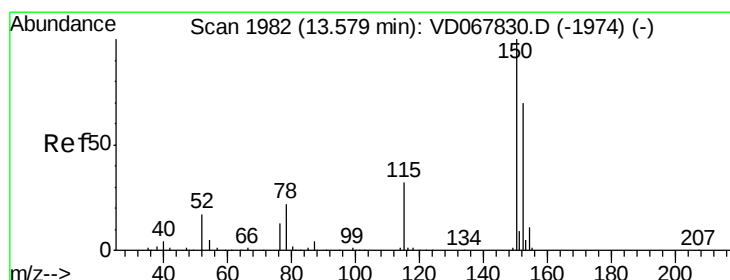
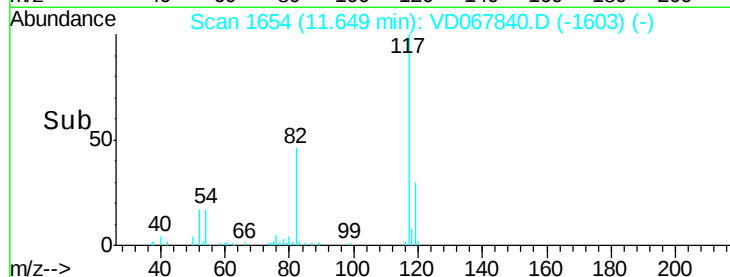
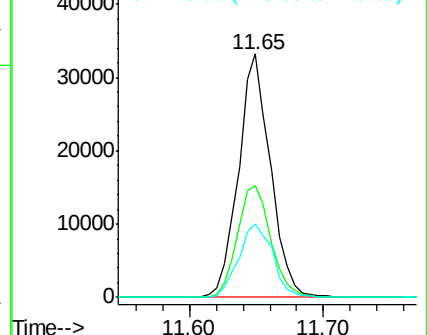
119 30.3 25.1 37.7



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: VD067840.D

Acq: 02 Dec 2020 17:21

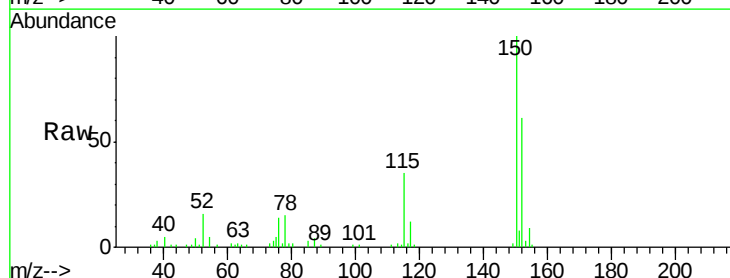
Tgt Ion:152 Resp: 28627

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

150 164.5 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

