

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067839.D
 Acq On : 02 Dec 2020 16:53
 Operator : VA/SY
 Sample : L4909-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 03 01:50:11 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	7.97	168	5293	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.87	114	9217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	14091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	12441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	2266	39.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.76%
35) Dibromofluoromethane	7.93	113	1205	19.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.08%#
50) Toluene-d8	10.34	98	9989	44.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.98%
62) 4-Bromofluorobenzene	12.63	95	7333	95.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	191.06%#

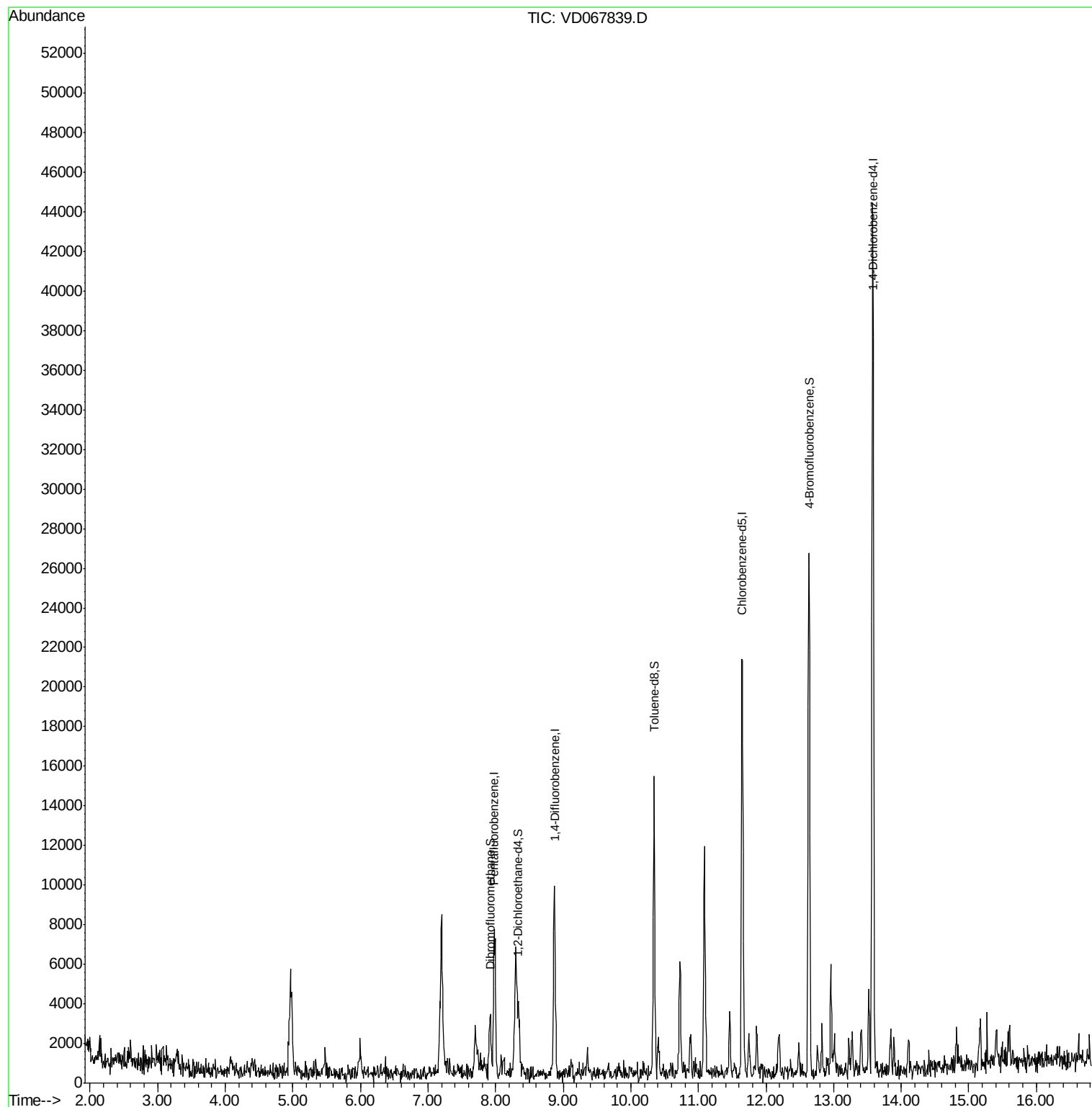
Target Compounds	Qvalue
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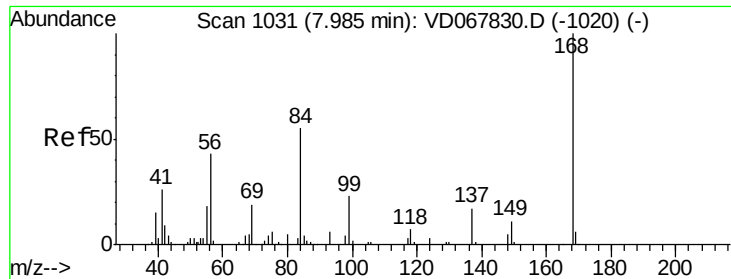
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD067839.D

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Instrument :

MSVOA_D

ClientSampleId :

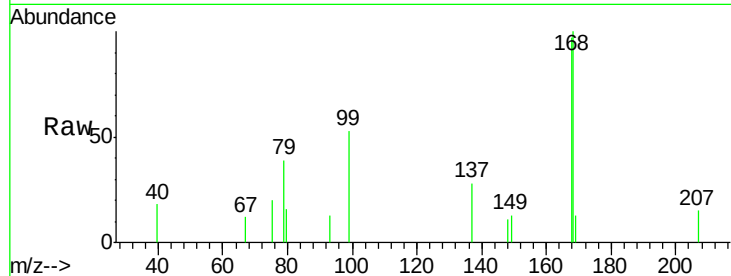
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:168 Resp: 5293

Ion Ratio Lower Upper

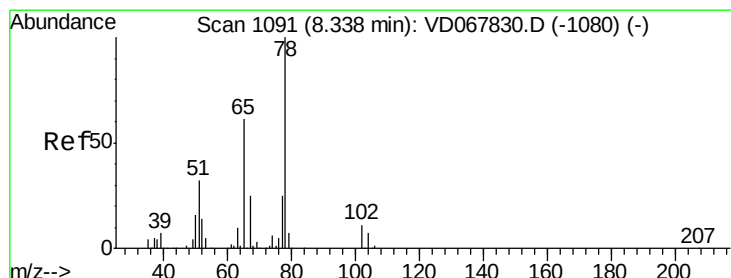
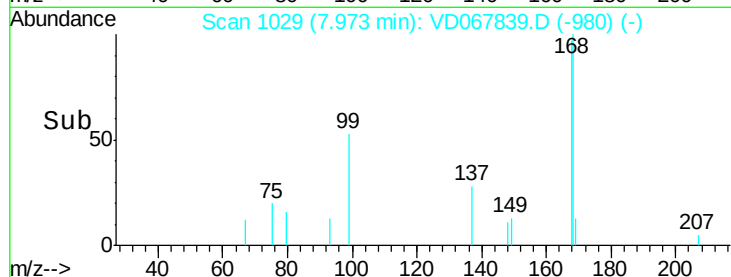
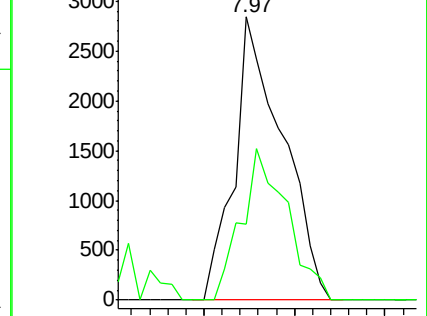
168 100

99 26.7 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: 39.879 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067839.D

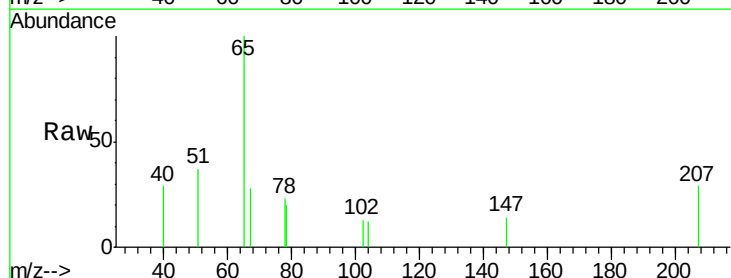
Acq: 02 Dec 2020 16:53

Tgt Ion: 65 Resp: 2266

Ion Ratio Lower Upper

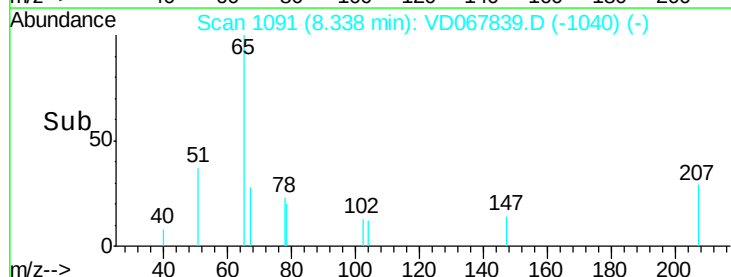
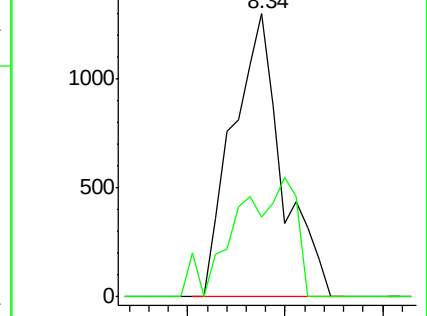
65 100

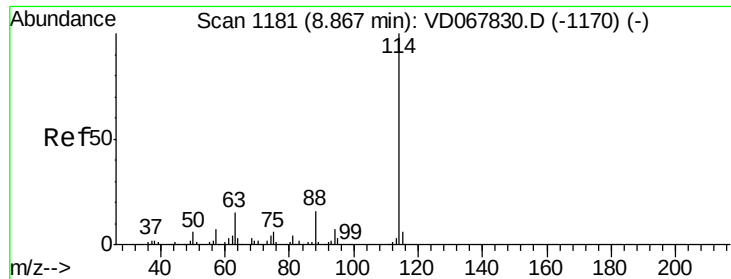
67 28.8 0.0 92.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

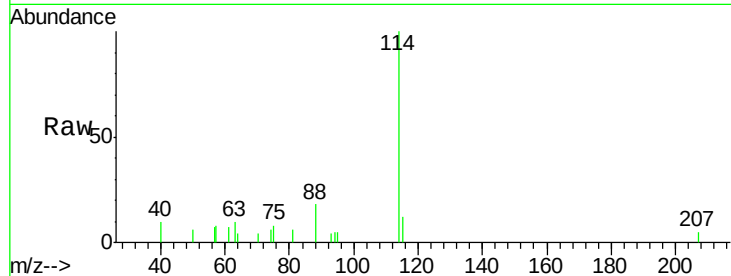




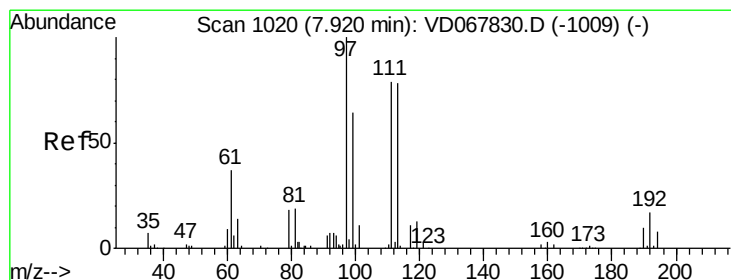
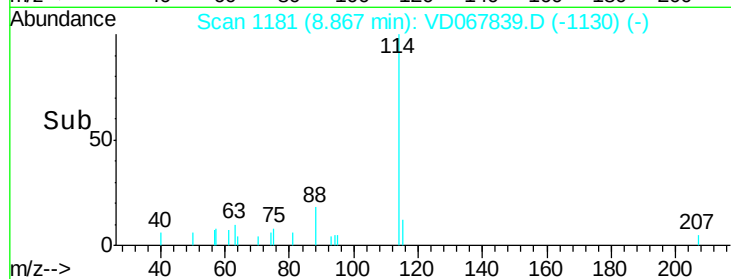
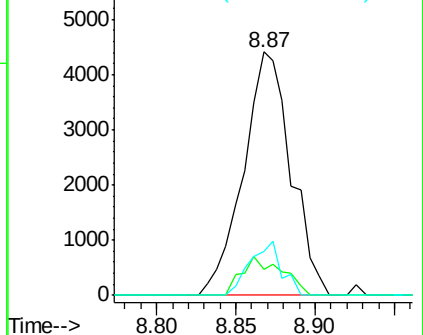
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

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

Tot Ion:114 Resp: 9217
 Ion Ratio Lower Upper
 114 100
 63 10.4 0.0 30.8
 88 18.2 0.0 31.8

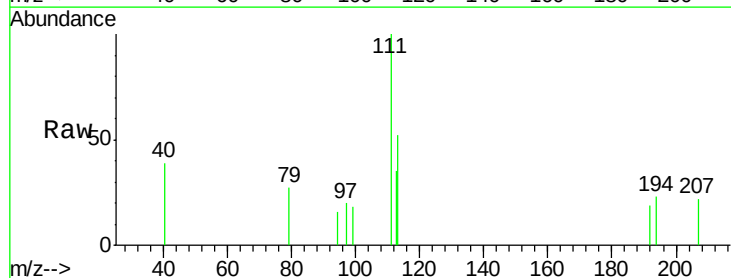


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

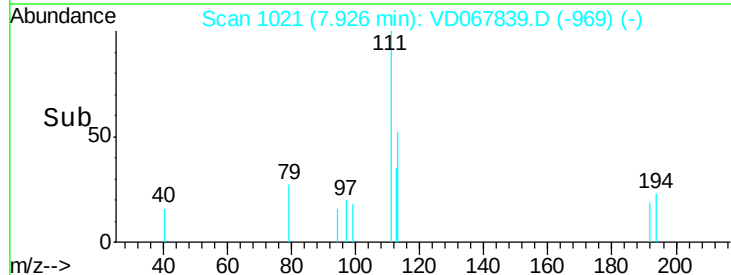
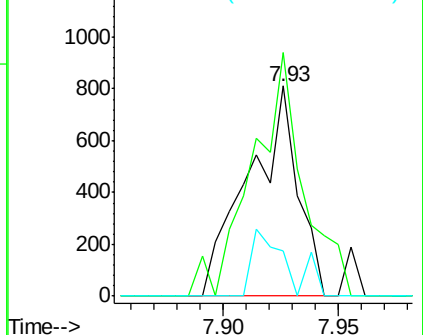


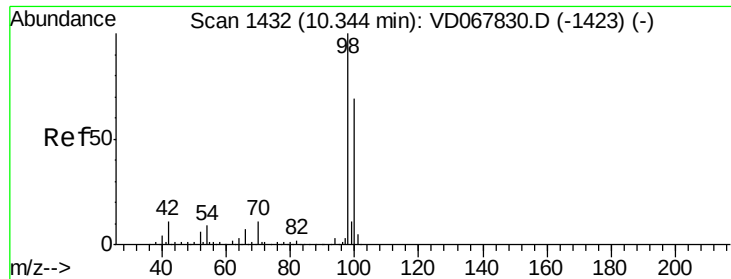
#35
 Dibromofluoromethane
 Concen: 19.538 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Tgt Ion:113 Resp: 1205
 Ion Ratio Lower Upper
 113 100
 111 120.1 81.2 121.8
 192 23.4 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

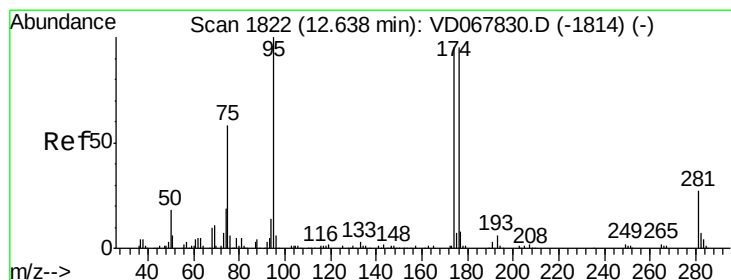
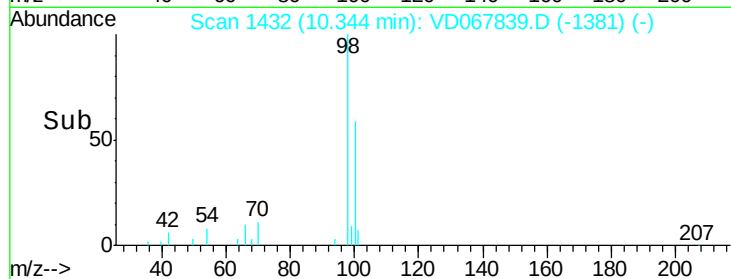
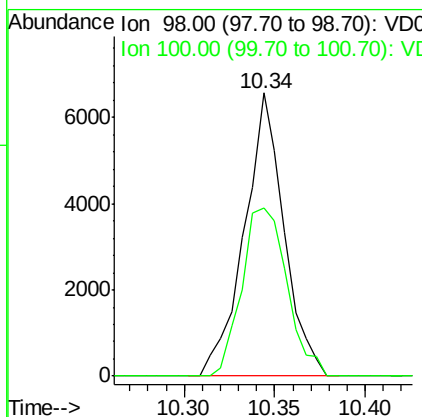
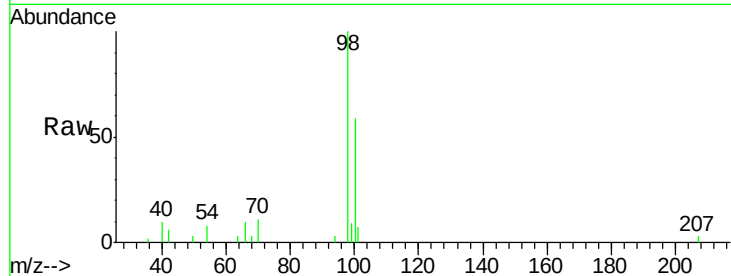




#50
Toluene-d8
Concen: 44.992 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

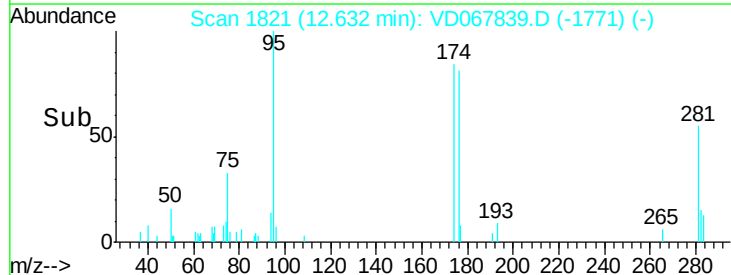
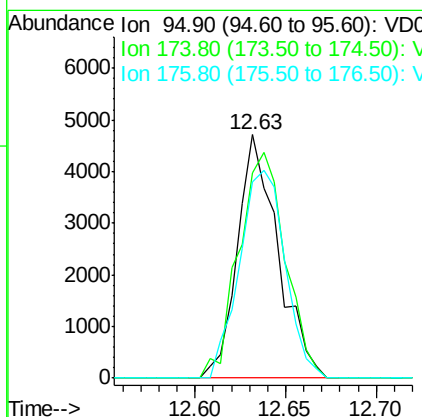
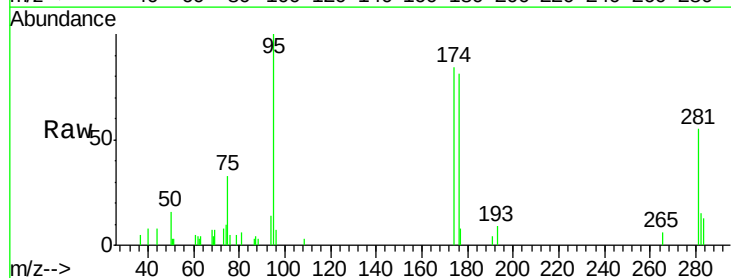
Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

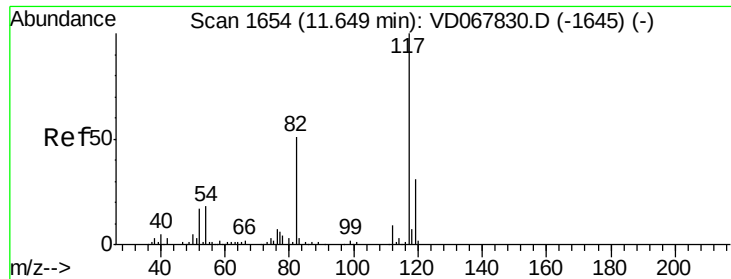
Tot Ion: 98 Resp: 9989
Ion Ratio Lower Upper
98 100
100 67.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 95.534 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 95 Resp: 7333
Ion Ratio Lower Upper
95 100
174 106.3 0.0 186.0
176 96.1 0.0 184.2

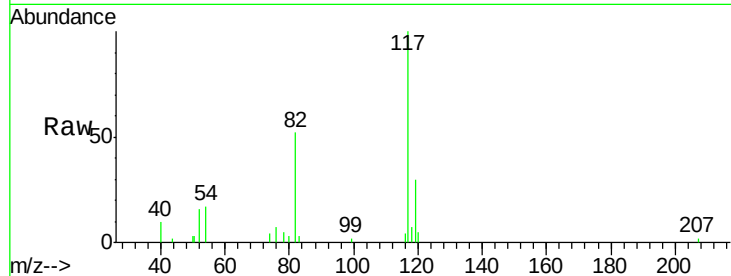




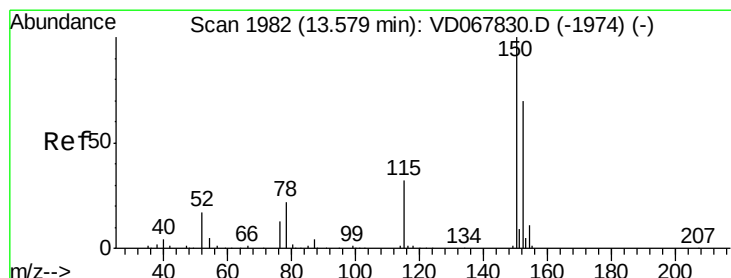
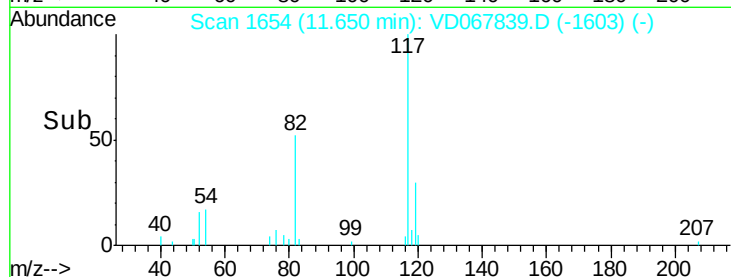
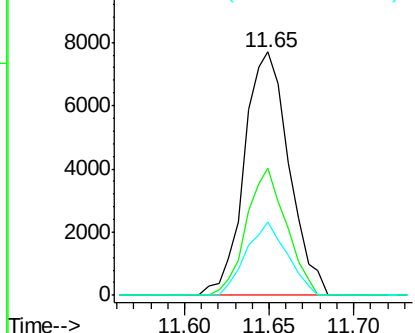
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

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

Tot Ion:117 Resp: 14091
Ion Ratio Lower Upper
117 100
82 52.4 40.6 60.8
119 30.2 25.1 37.7

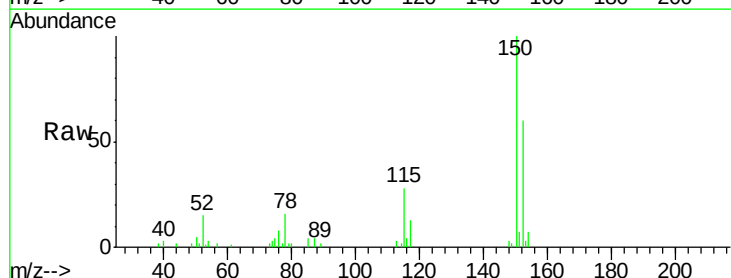


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion:152 Resp: 12441
Ion Ratio Lower Upper
152 100
115 62.7 29.1 87.4
150 171.1 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

