

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067824.D
 Acq On : 30 Nov 2020 19:43
 Operator : VA/SY
 Sample : L4909-01
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 01 01:04:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	2815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	4854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	4911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	2483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	2419	88.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	176.76%#
35) Dibromofluoromethane	7.92	113	1323	42.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.66%
50) Toluene-d8	10.34	98	4727	41.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.70%
62) 4-Bromofluorobenzene	12.64	95	1709	44.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.54%

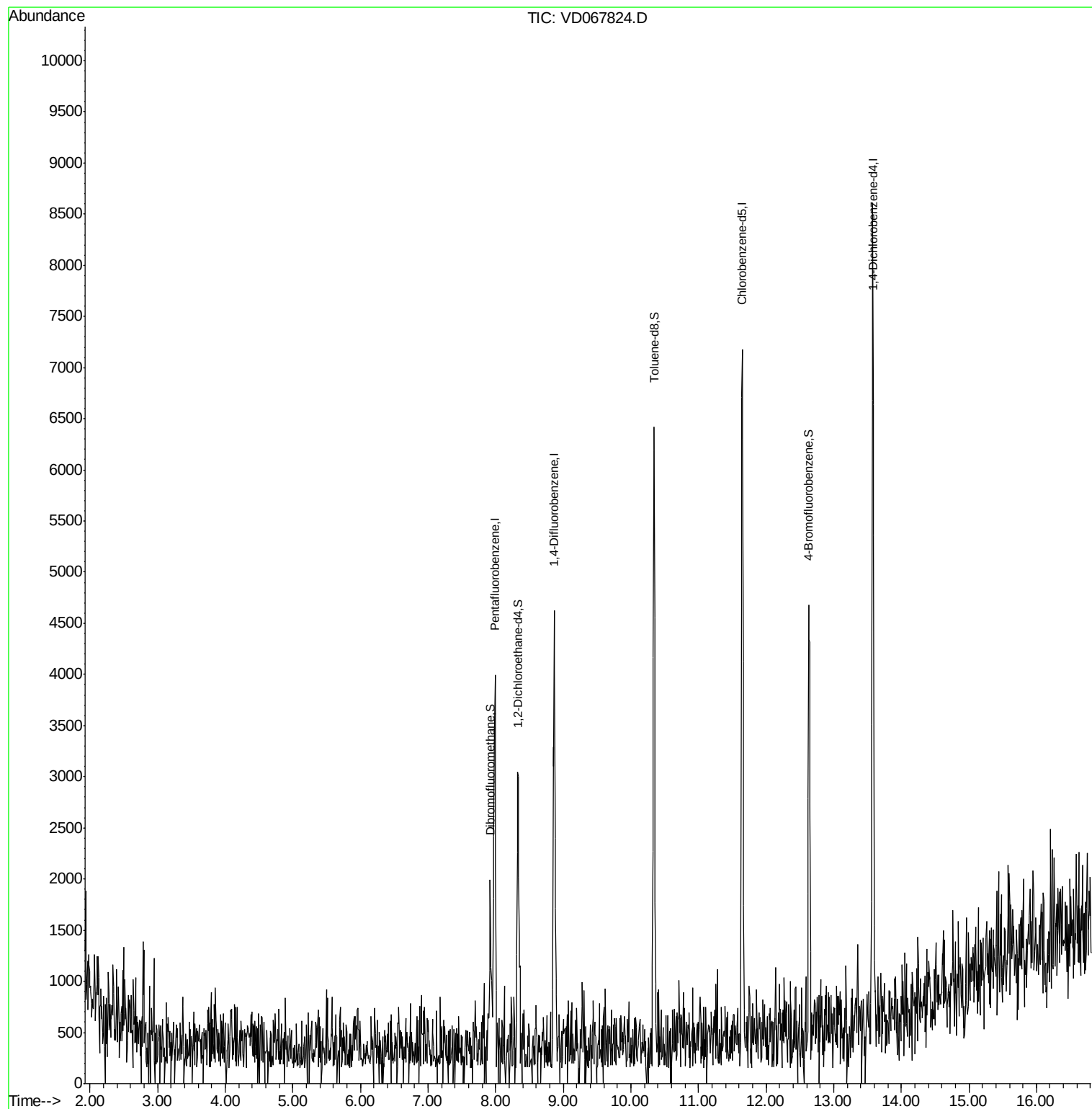
Target Compounds	Qvalue

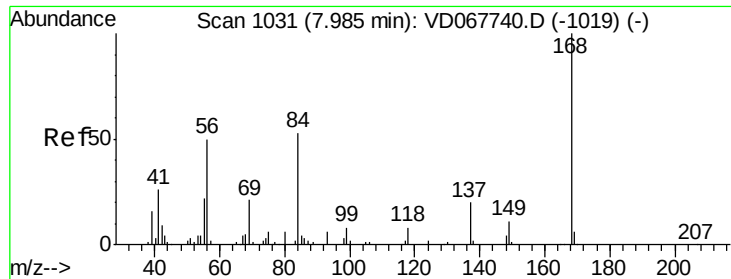
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067824.D

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Instrument :

MSVOA_D

ClientSampleId :

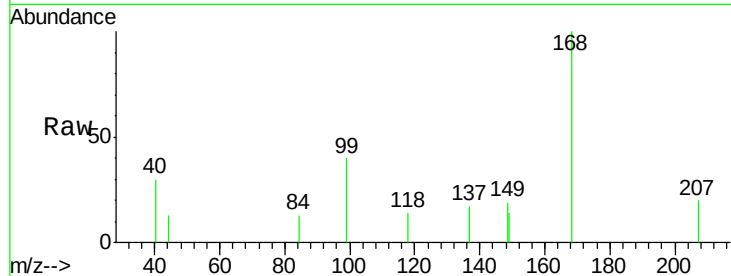
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:168 Resp: 2815

Ion Ratio Lower Upper

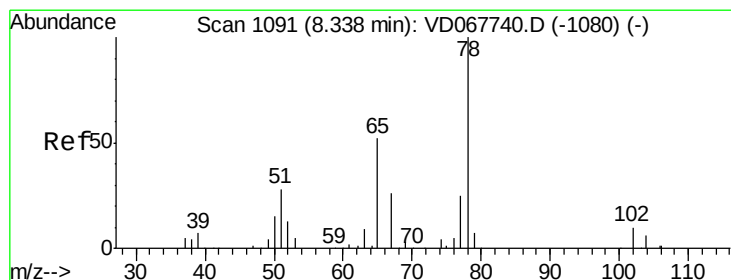
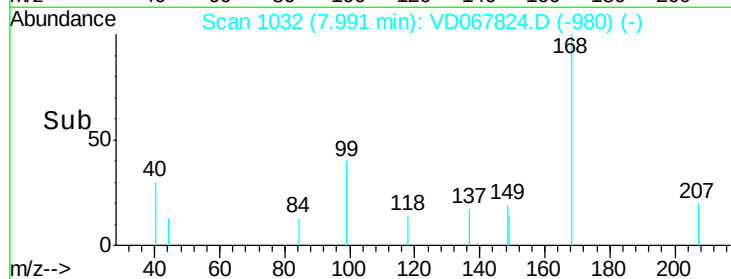
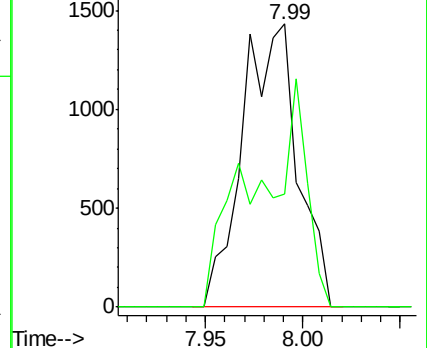
168 100

99 39.8 43.8 65.8#



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: 88.379 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067824.D

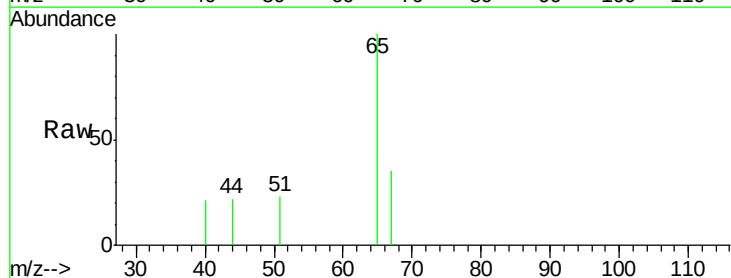
Acq: 30 Nov 2020 19:43

Tgt Ion: 65 Resp: 2419

Ion Ratio Lower Upper

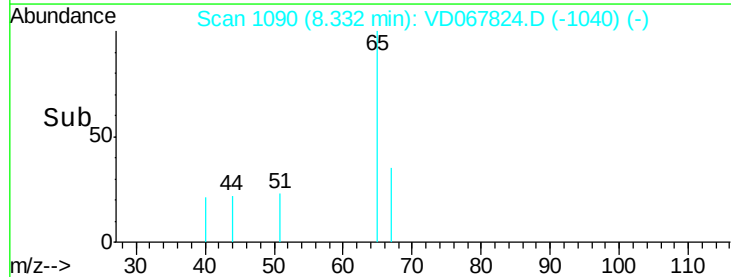
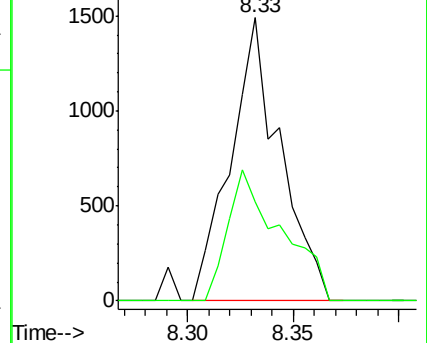
65 100

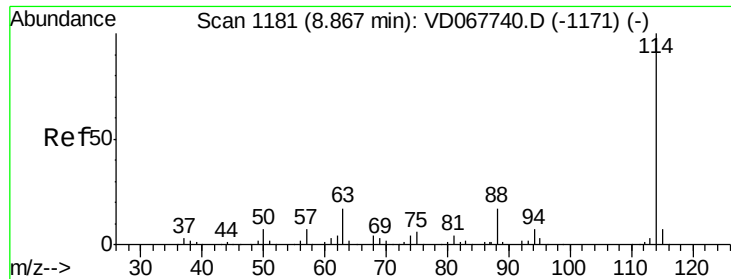
67 49.6 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

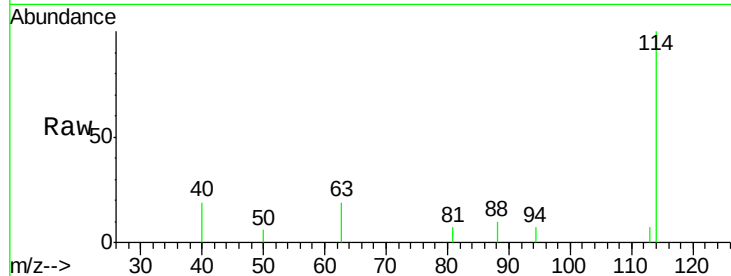




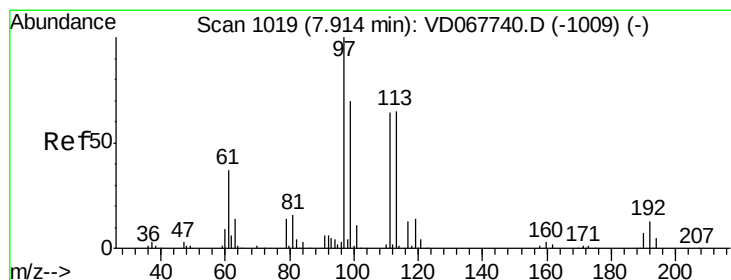
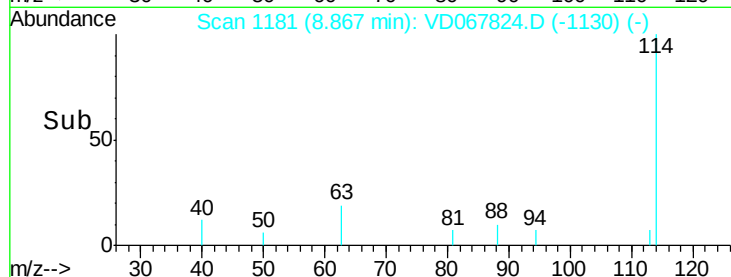
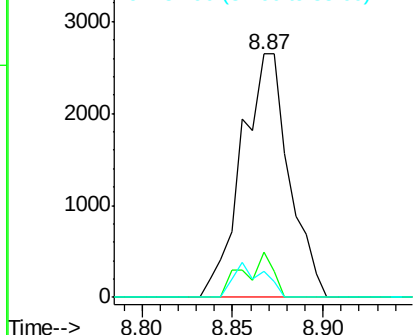
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067824.D
 Acq: 30 Nov 2020 19:43

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

Tot Ion:114 Resp: 4854
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.8
 88 10.5 0.0 34.4

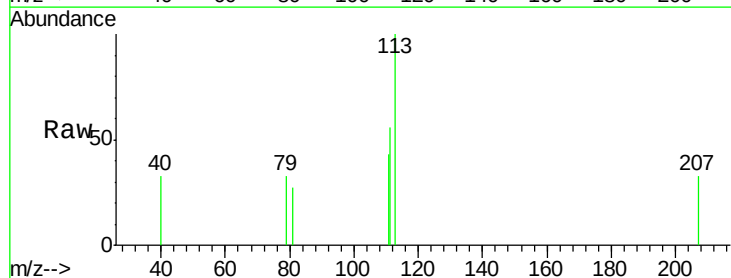


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

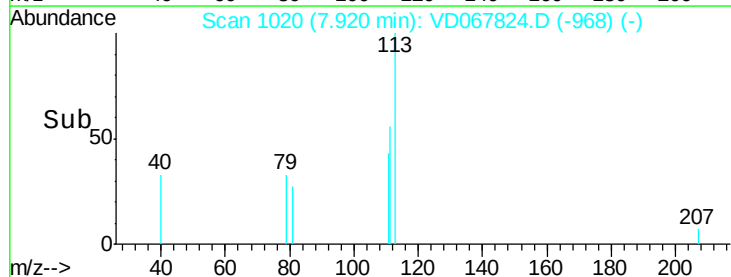
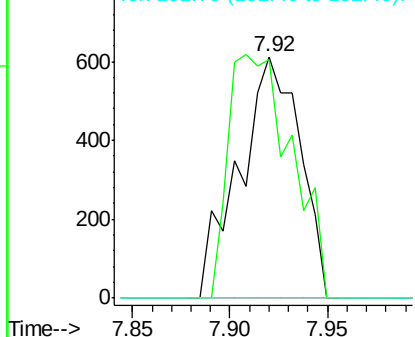


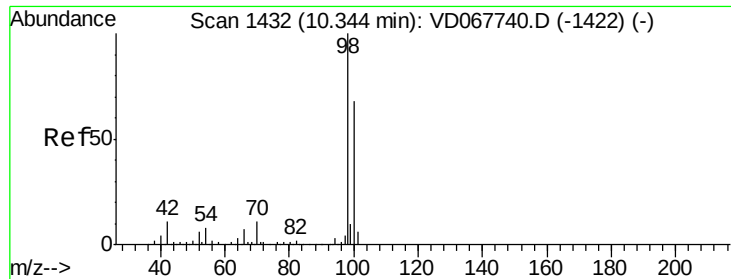
#35
 Dibromofluoromethane
 Concen: 42.828 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067824.D
 Acq: 30 Nov 2020 19:43

Tgt Ion:113 Resp: 1323
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.4 122.0
 192 0.0 17.0 25.4#



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

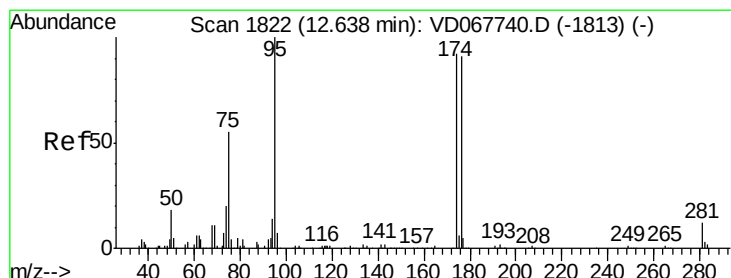
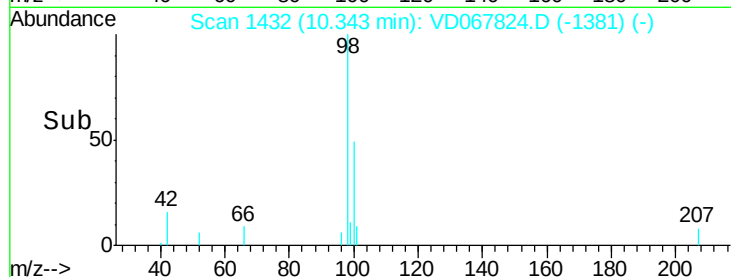
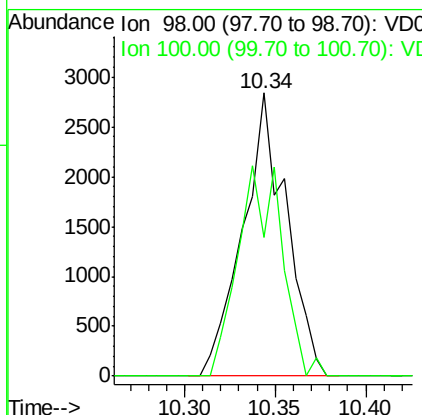
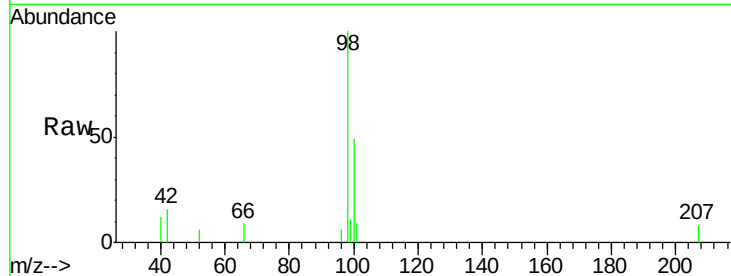




#50
Toluene-d8
Concen: 41.855 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067824.D
Acq: 30 Nov 2020 19:43

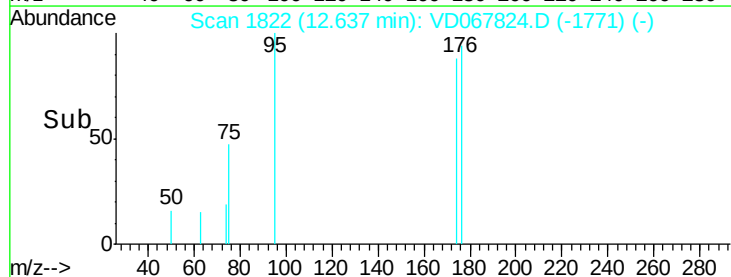
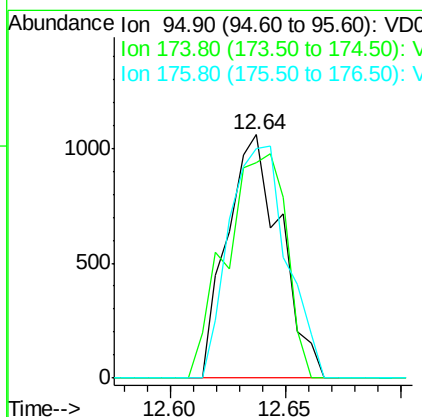
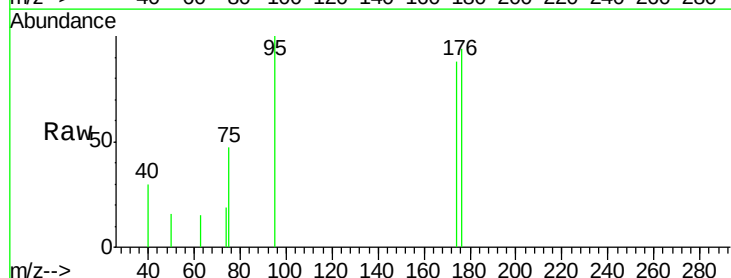
Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

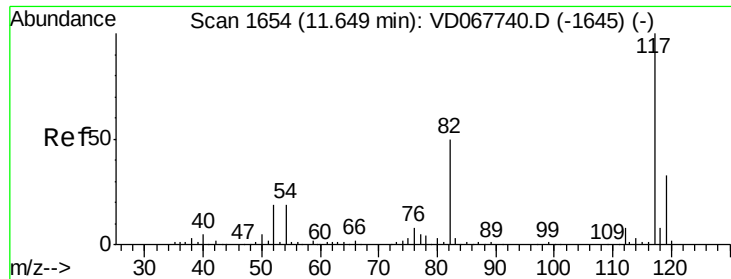
Tot Ion: 98 Resp: 4727
Ion Ratio Lower Upper
98 100
100 75.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.271 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067824.D
Acq: 30 Nov 2020 19:43

Tgt Ion: 95 Resp: 1709
Ion Ratio Lower Upper
95 100
174 104.1 0.0 182.4
176 103.2 0.0 178.2

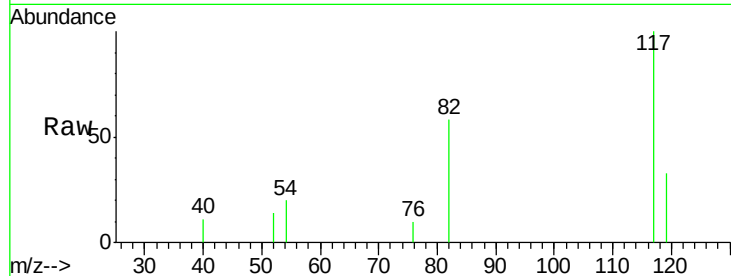




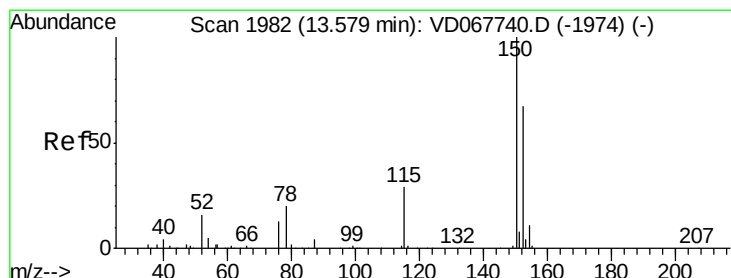
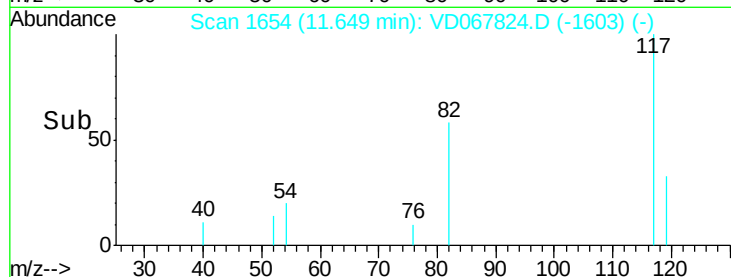
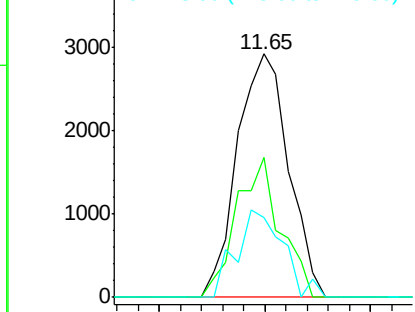
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067824.D
Acq: 30 Nov 2020 19:43

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

Tot Ion:117 Resp: 4911
Ion Ratio Lower Upper
117 100
82 57.7 40.2 60.4
119 32.9 26.5 39.7

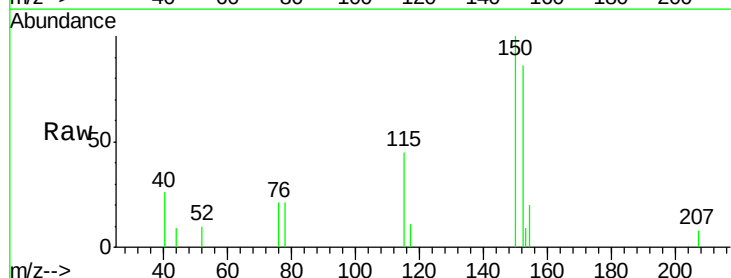


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067824.D
Acq: 30 Nov 2020 19:43

Tgt Ion:152 Resp: 2483
Ion Ratio Lower Upper
152 100
115 70.1 29.4 88.3
150 157.6 0.0 340.6



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

