

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067854.D
 Acq On : 02 Dec 2020 23:40
 Operator : VA/SY
 Sample : L4909-02
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Dec 03 02:52:20 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	60868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	86108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	84757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	45012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	44615	68.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.56%
35) Dibromofluoromethane	7.92	113	30982	53.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.54%
50) Toluene-d8	10.34	98	102527	49.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.86%
62) 4-Bromofluorobenzene	12.64	95	35431	49.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.82%

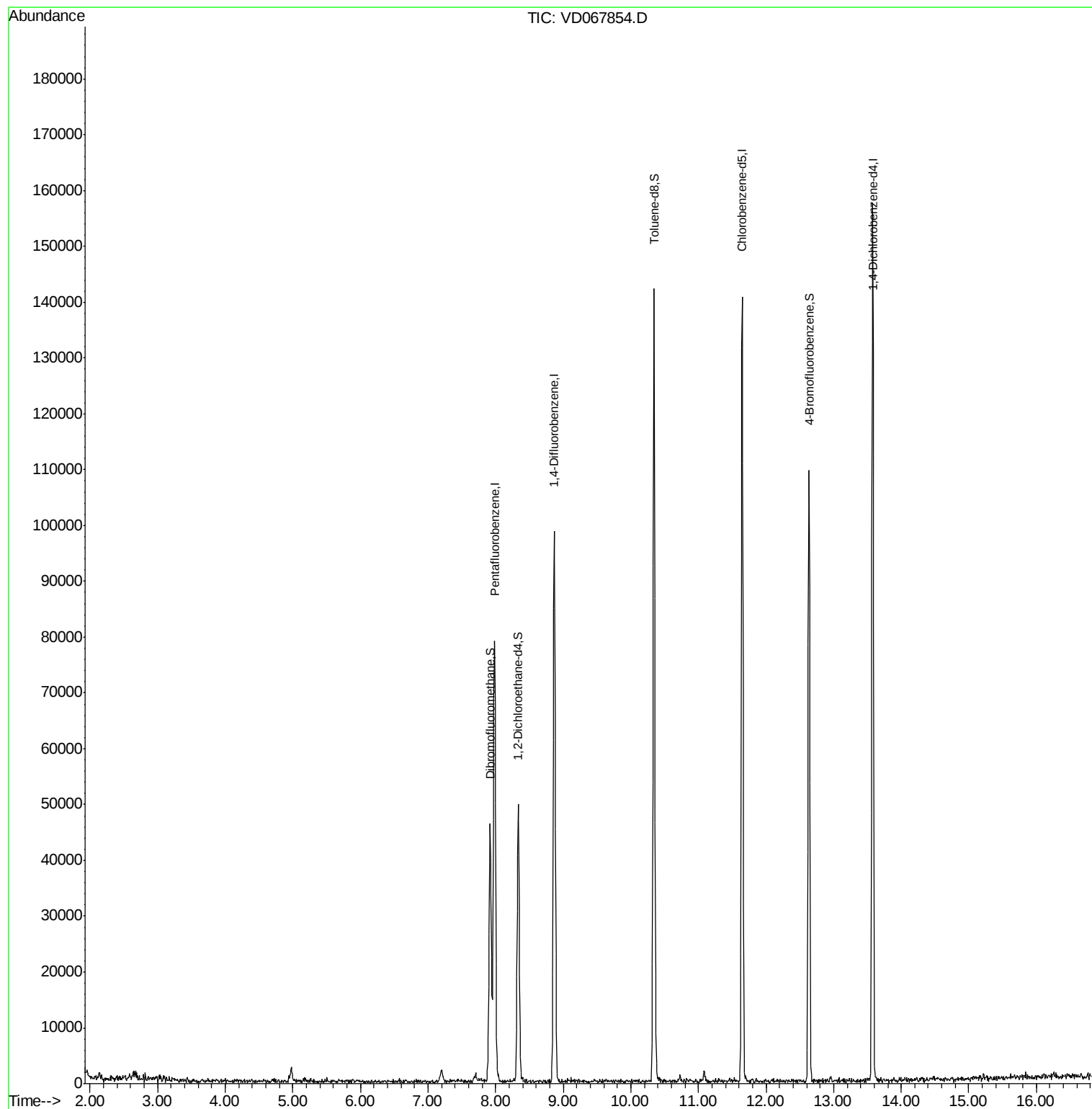
Target Compounds	Qvalue
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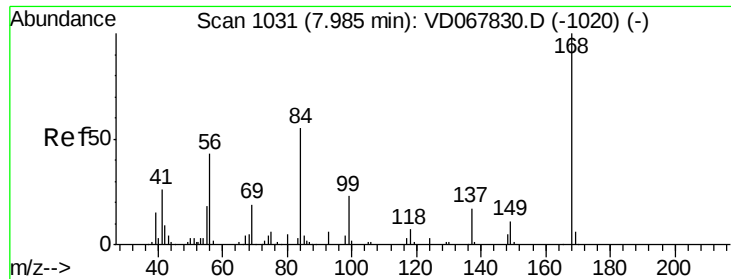
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067854.D

Acq: 02 Dec 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

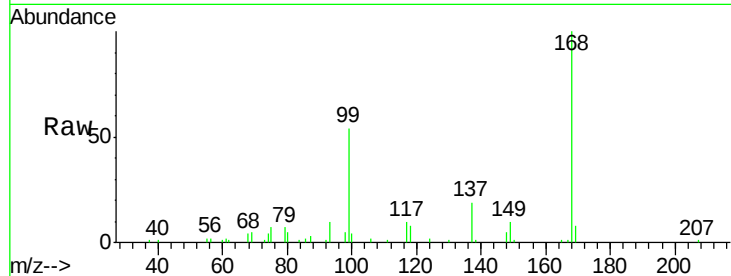
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:168 Resp: 60868

Ion Ratio Lower Upper

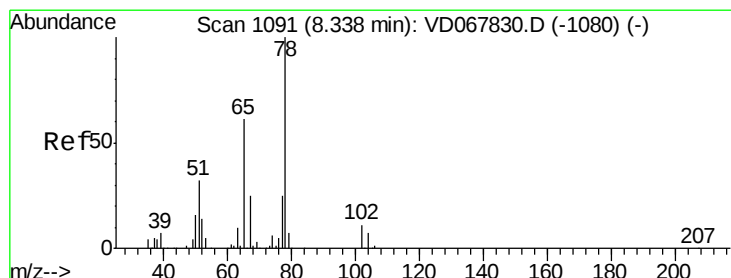
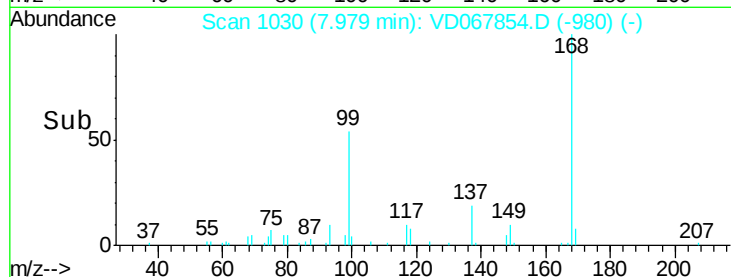
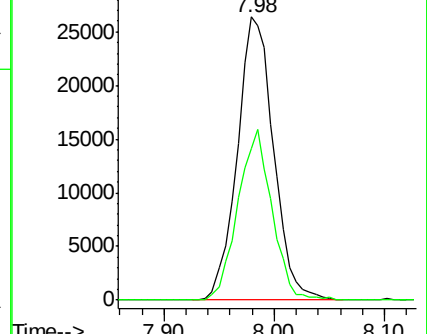
168 100

99 53.7 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: 68.277 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067854.D

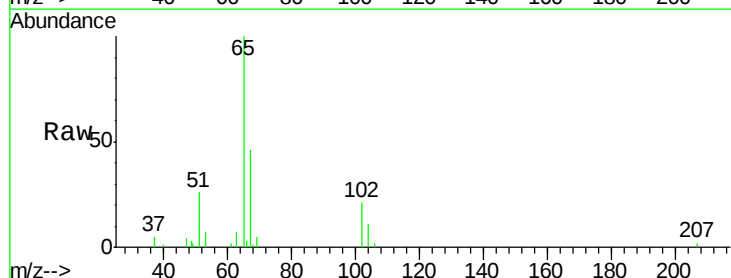
Acq: 02 Dec 2020 23:40

Tgt Ion: 65 Resp: 44615

Ion Ratio Lower Upper

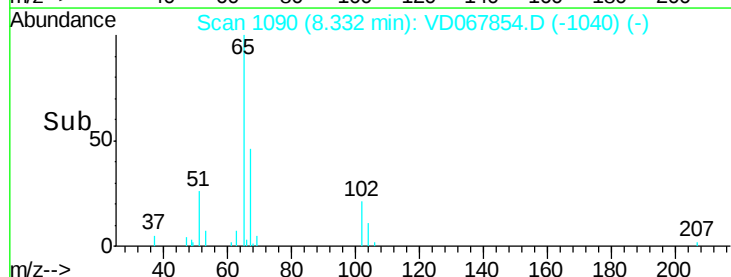
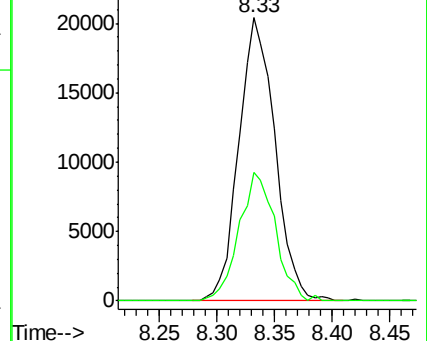
65 100

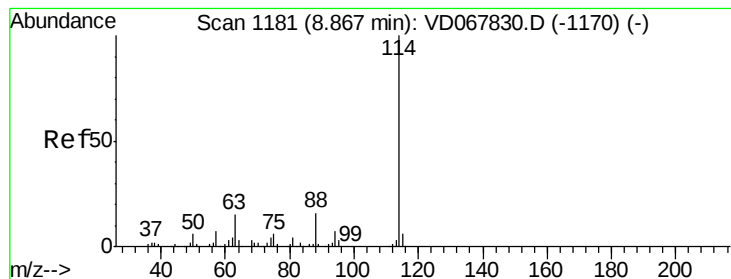
67 45.3 0.0 92.0



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: VD067854.D

Acq: 02 Dec 2020 23:40

Instrument :

MSVOA_D

ClientSampleId :

ROCK-HILL-SLOPE-EMBANKMENT-

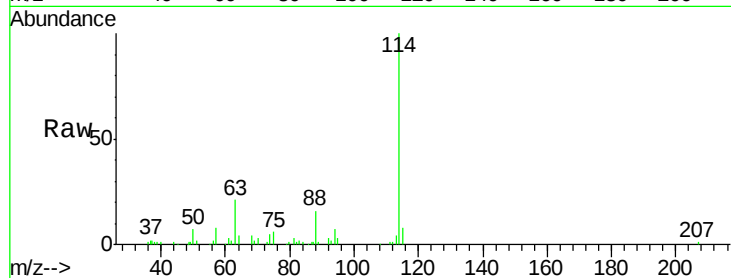
Tot Ion:114 Resp: 86108

Ion Ratio Lower Upper

114 100

63 20.7 0.0 30.8

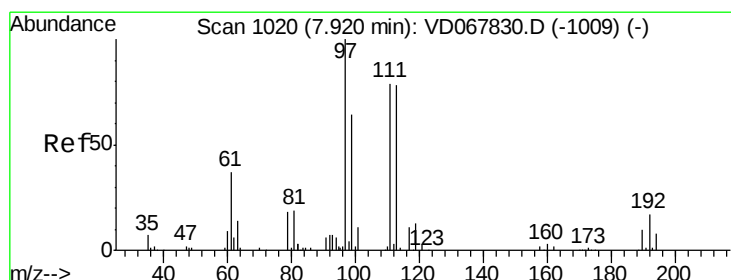
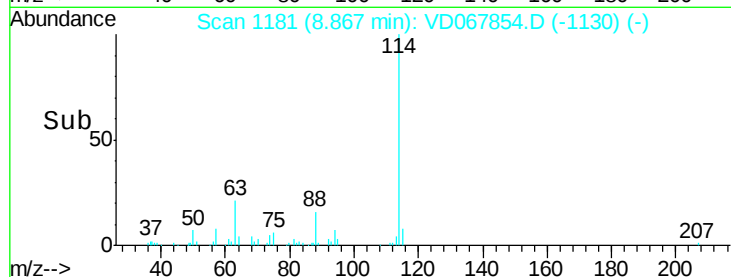
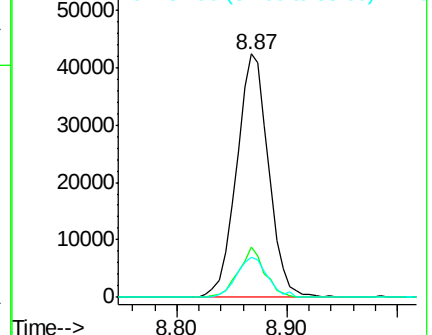
88 16.4 0.0 31.8



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: 53.771 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067854.D

Acq: 02 Dec 2020 23:40

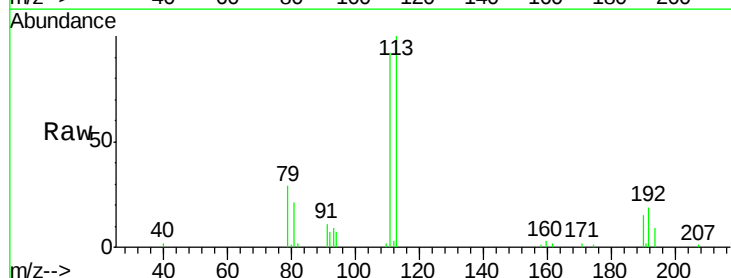
Tgt Ion:113 Resp: 30982

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

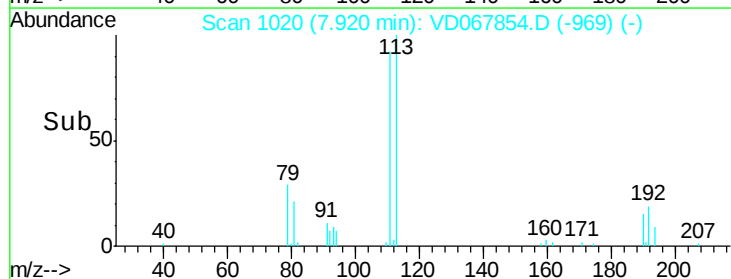
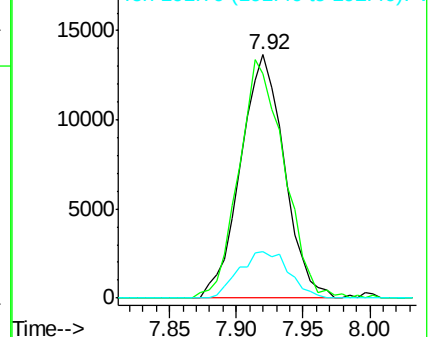
192 21.7 16.8 25.2

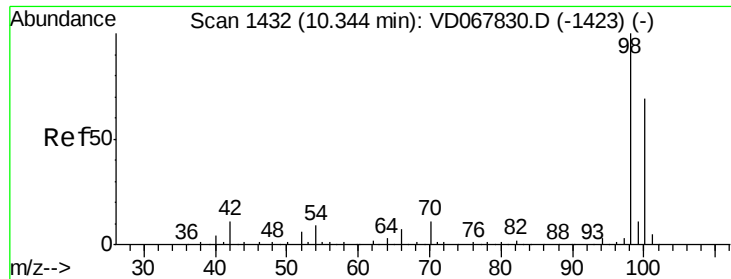


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

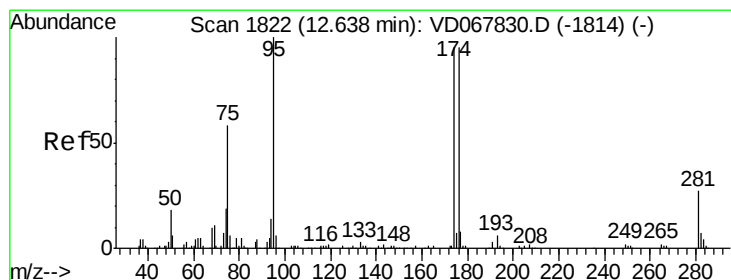
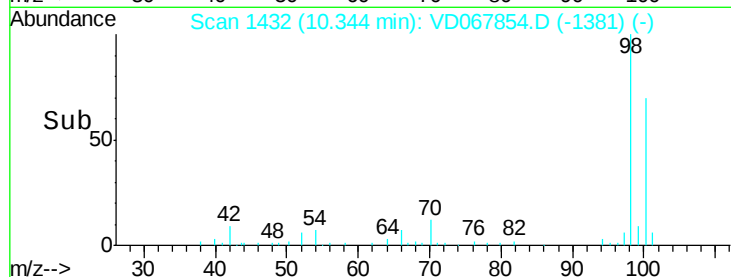
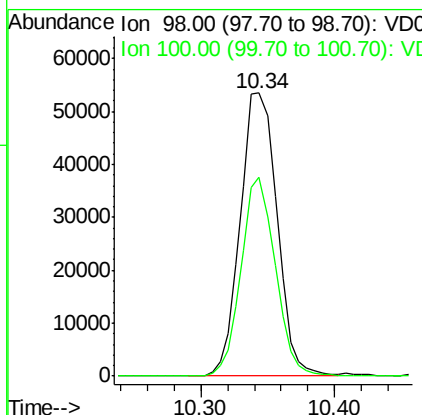
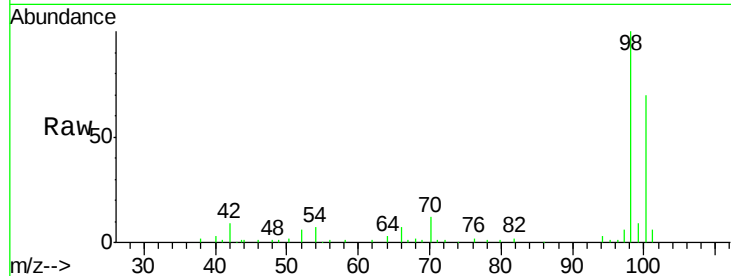




#50
Toluene-d8
Concen: 49.430 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067854.D
Acq: 02 Dec 2020 23:40

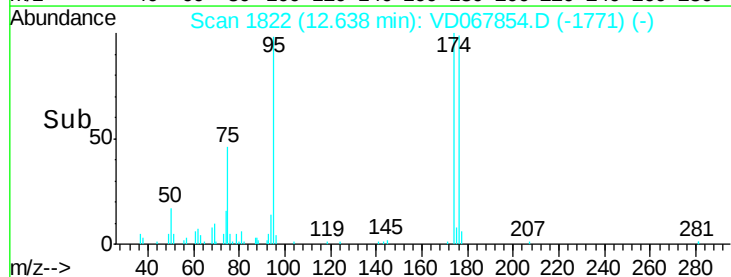
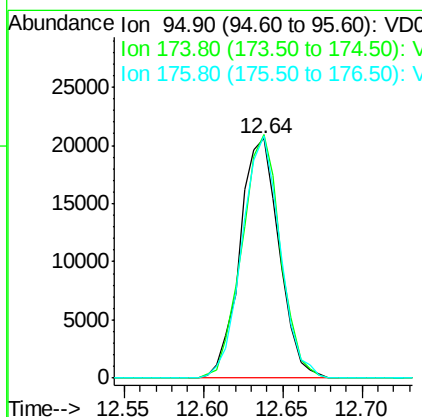
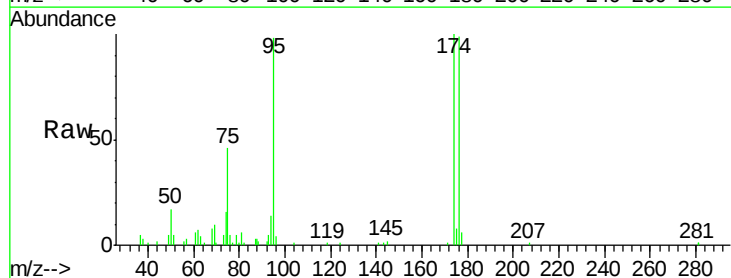
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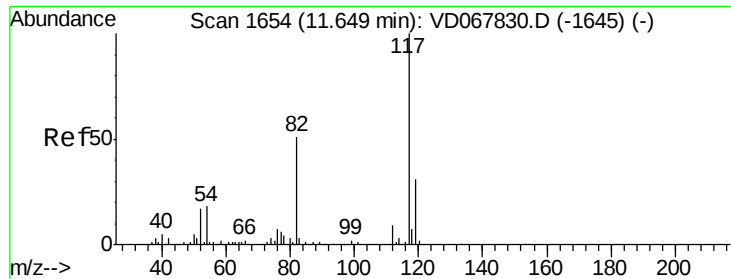
Tot Ion: 98 Resp: 102527
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 49.409 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067854.D
Acq: 02 Dec 2020 23:40

Tgt Ion: 95 Resp: 35431
Ion Ratio Lower Upper
95 100
174 99.7 0.0 186.0
176 98.4 0.0 184.2

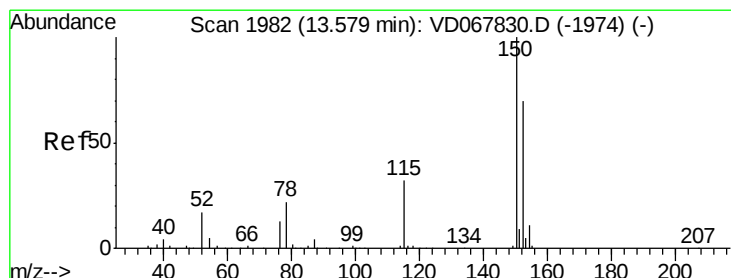
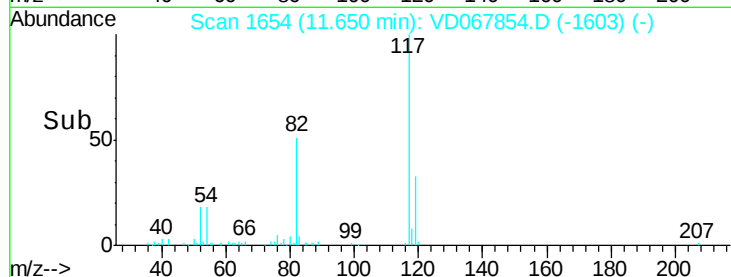
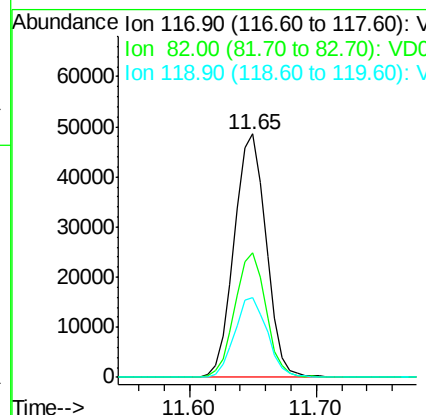
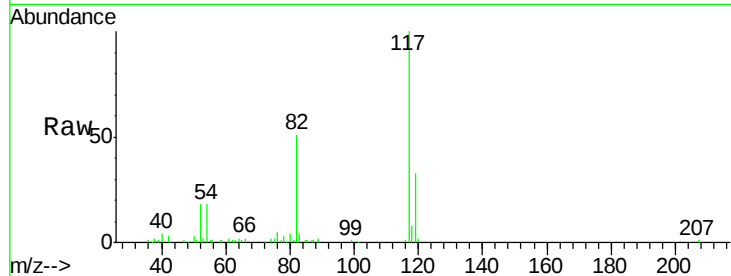




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067854.D
Acq: 02 Dec 2020 23:40

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

Tot Ion:117 Resp: 84757
Ion Ratio Lower Upper
117 100
82 50.9 40.6 60.8
119 32.6 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: VD067854.D
Acq: 02 Dec 2020 23:40

Tgt Ion:152 Resp: 45012
Ion Ratio Lower Upper
152 100
115 60.2 29.1 87.4
150 153.0 0.0 339.0

