

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101620\  
 Data File : VD067299.D  
 Acq On : 16 Oct 2020 16:08  
 Operator : VA/SY  
 Sample : L4433-01  
 Misc : 5.61G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PR-SOIL-PILE

Quant Time: Oct 17 01:10:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D101320S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 14 03:30:30 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	336773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	567970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	524016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	179939	53.33	ug/l	0.00
Spiked Amount				50.000		
Recovery						106.66%
35) Dibromofluoromethane	7.91	113	182264	48.22	ug/l	0.00
Spiked Amount				50.000		
Recovery						96.44%
50) Toluene-d8	10.34	98	659981	48.25	ug/l	0.00
Spiked Amount				50.000		
Recovery						96.50%
62) 4-Bromofluorobenzene	12.64	95	220965	46.46	ug/l	0.00
Spiked Amount				50.000		
Recovery						92.92%

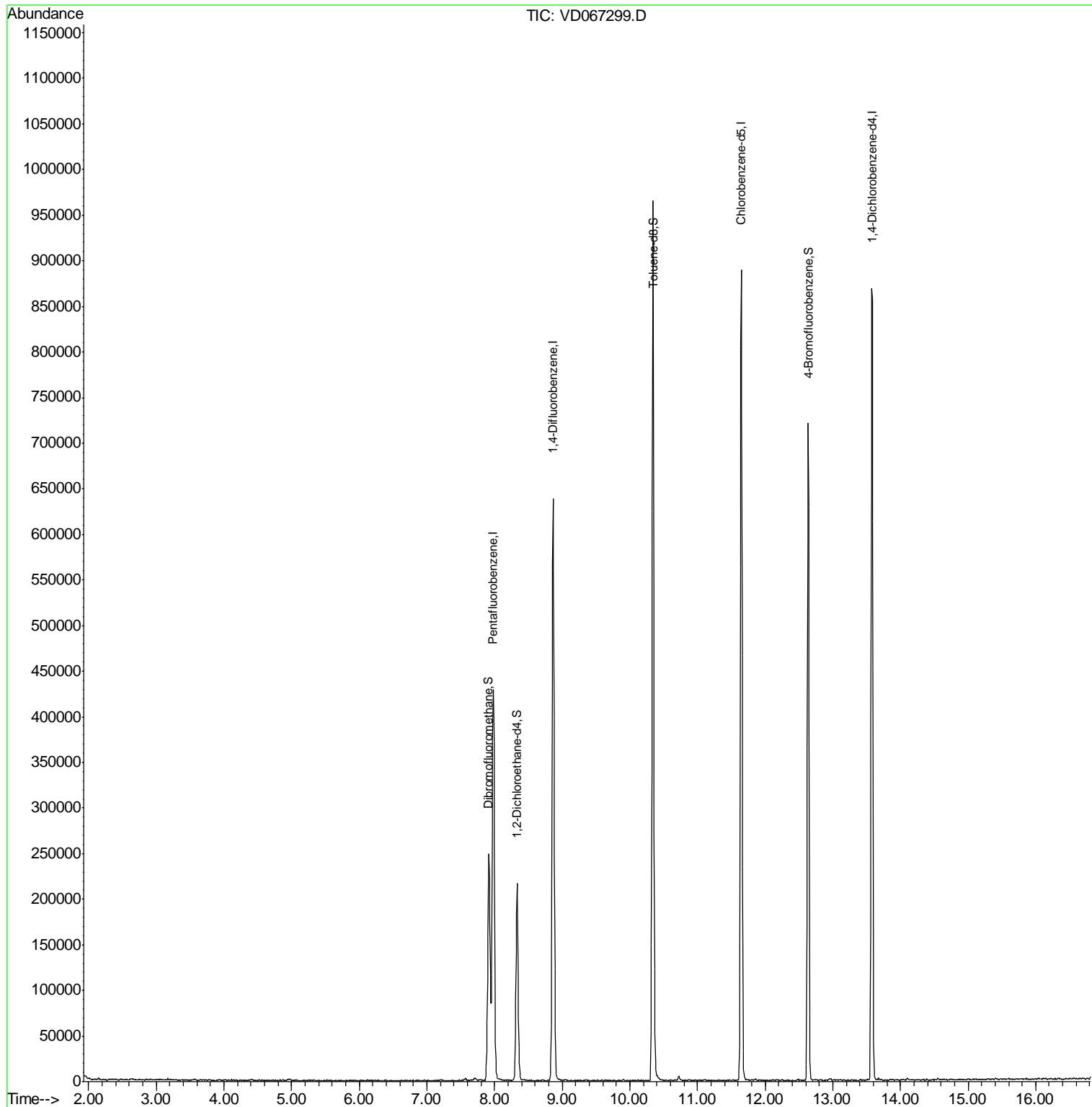
Target Compounds Qvalue  
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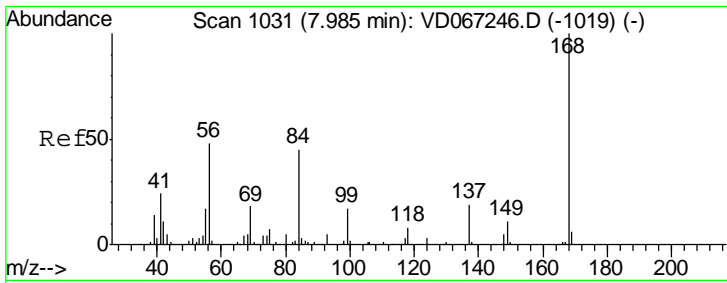
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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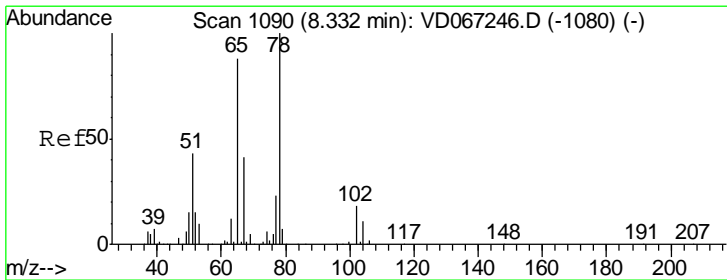
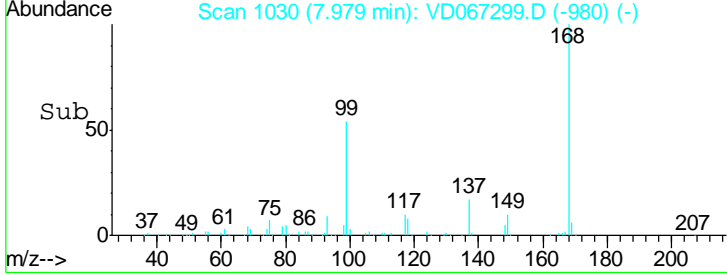
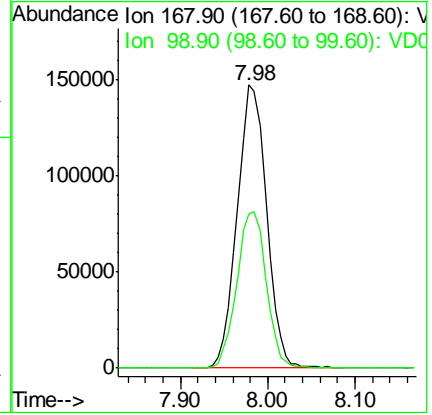
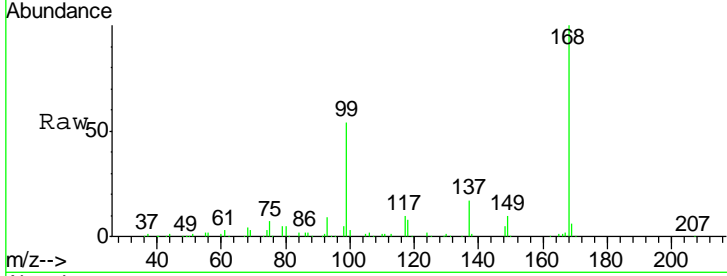




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.98 min Scan# 1030  
 Delta R.T. -0.01 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

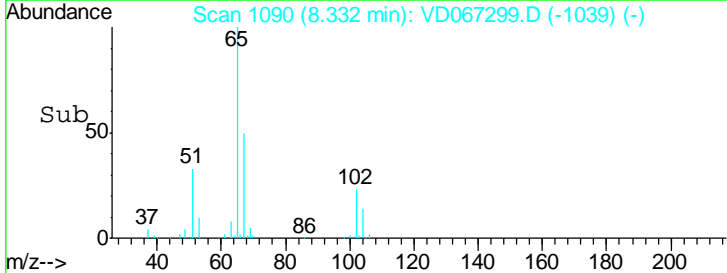
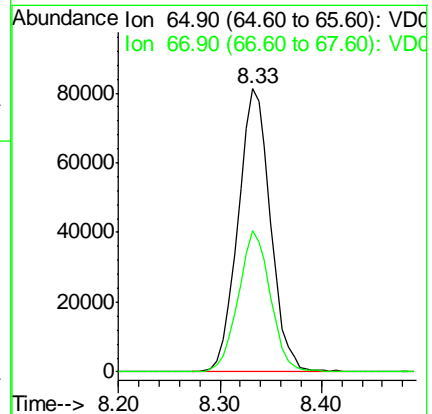
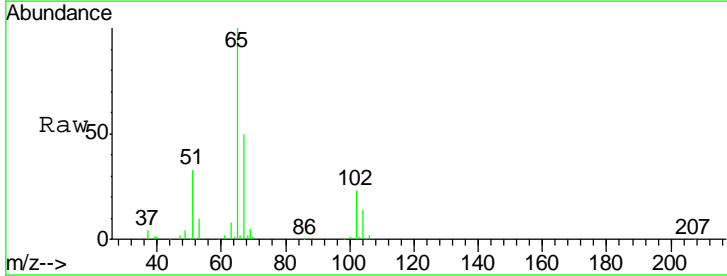
Instrument : MSVOA\_D  
 ClientSampleID : PR-SOIL-PILE

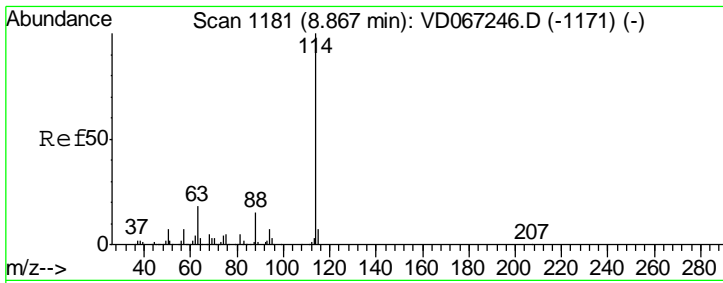
Tgt Ion: 168 Resp: 336773  
 Ion Ratio Lower Upper  
 168 100  
 99 54.2 45.9 68.9



#33  
 1,2-Dichloroethane-d4  
 Concen: 53.332 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

Tgt Ion: 65 Resp: 179939  
 Ion Ratio Lower Upper  
 65 100  
 67 49.2 0.0 103.8

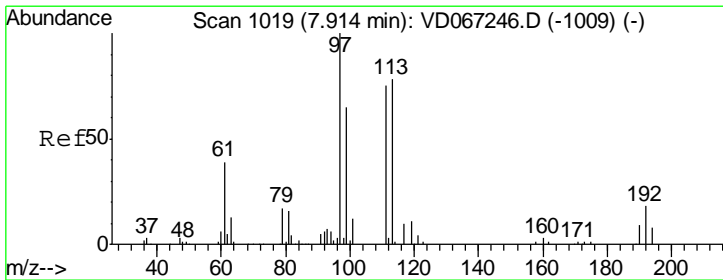
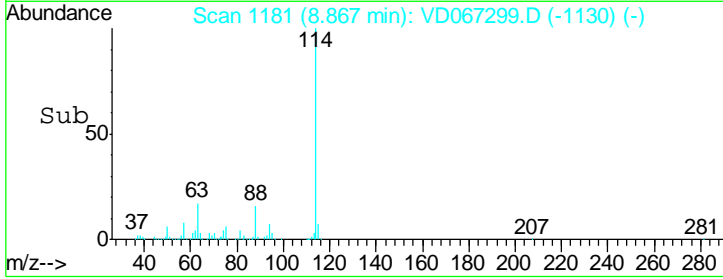
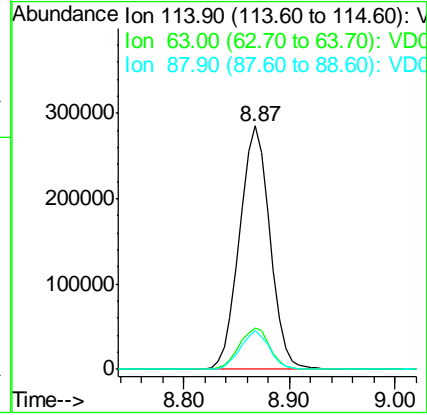
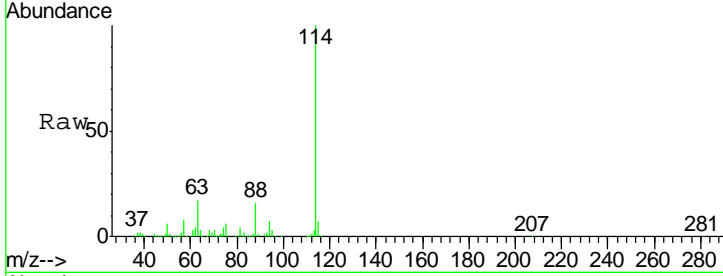




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

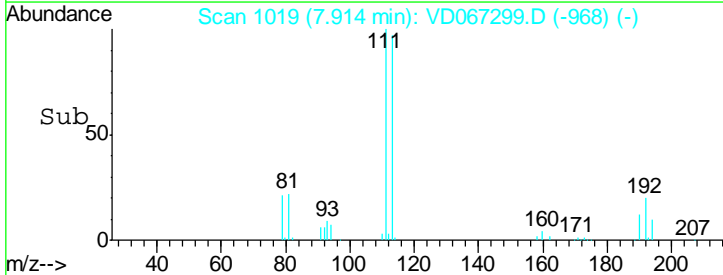
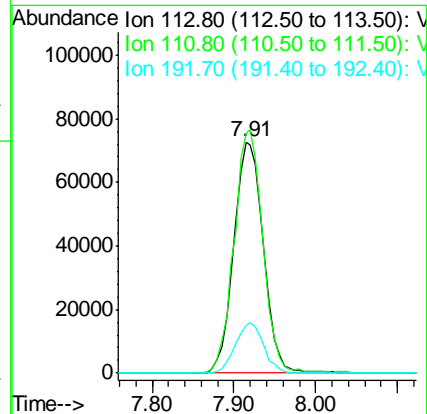
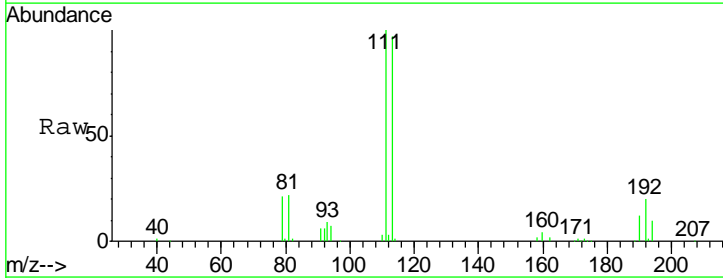
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 PR-SOIL-PILE

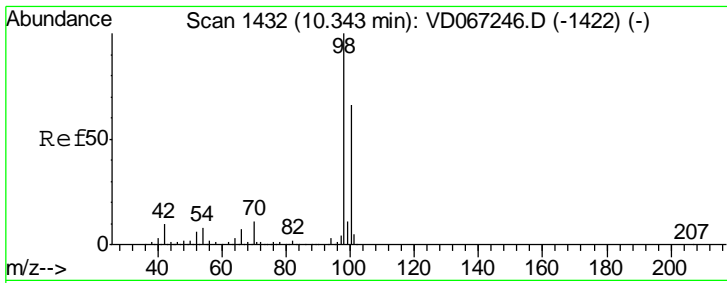
Tgt Ion	Resp	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	16.0	0.0	30.6



#35  
 Dibromofluoromethane  
 Concen: 48.220 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.3	81.6	122.4
192	20.8	17.0	25.4

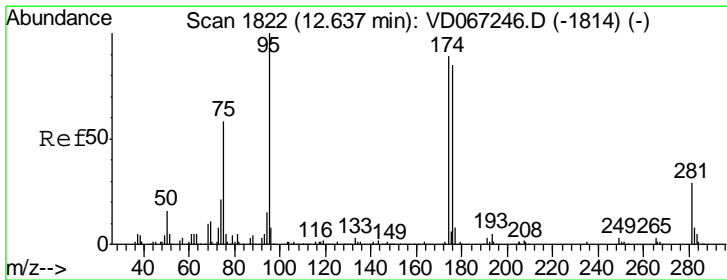
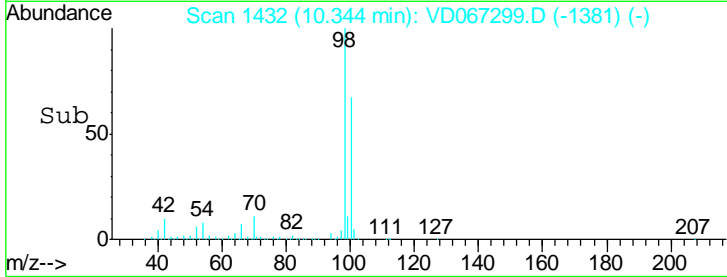
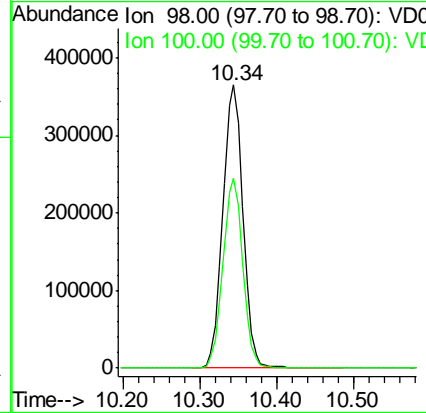
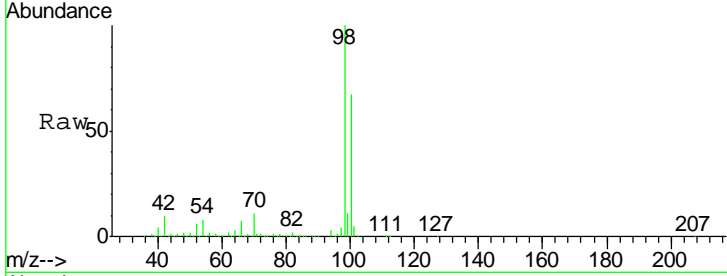




#50  
 Toluene-d8  
 Concen: 48.248 ug/l  
 RT: 10.34 min Scan# 1432  
 Delta R.T. 0.00 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

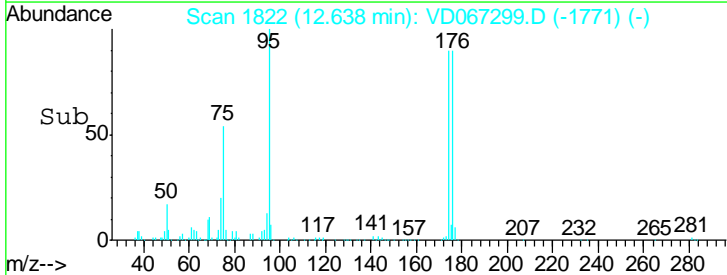
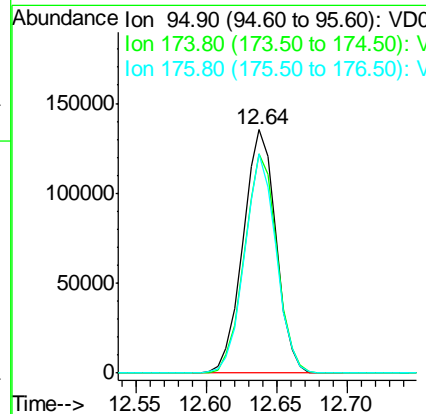
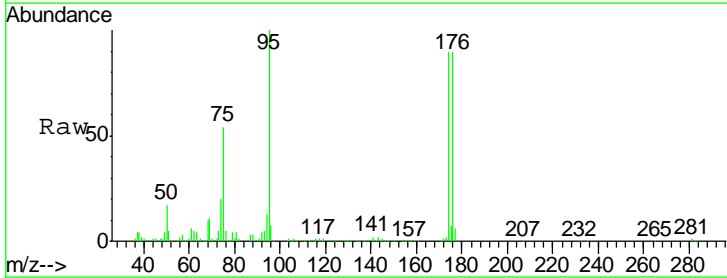
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 PR-SOIL-PILE

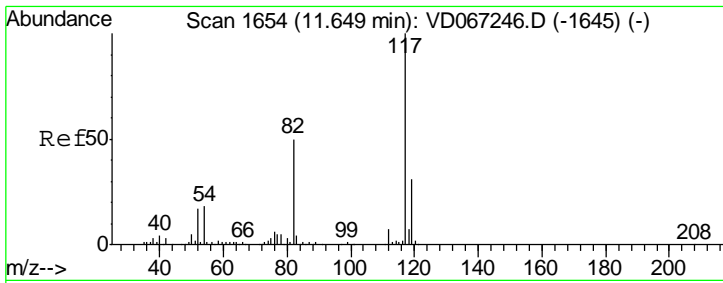
Tgt Ion	Resp	Lower	Upper
98	659981		
100	100	66.2	79.7



#62  
 4-Bromofluorobenzene  
 Concen: 46.456 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. 0.00 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

Tgt Ion	Resp	Lower	Upper
95	220965		
174	100	88.8	175.2
176	100	86.4	168.6

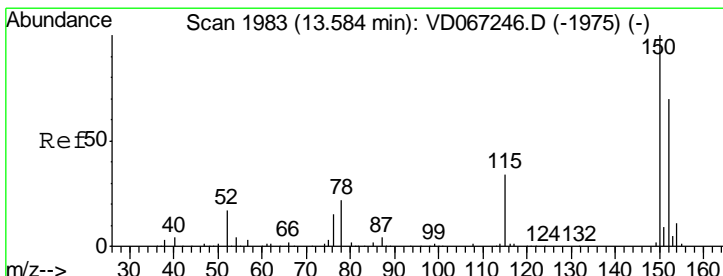
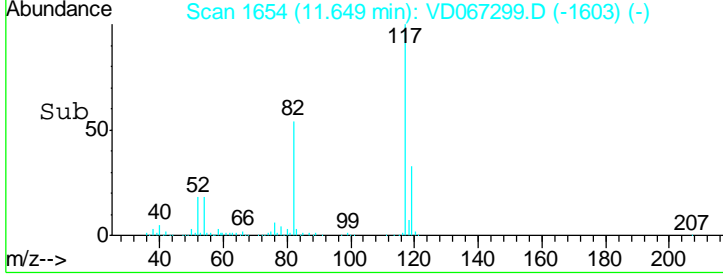
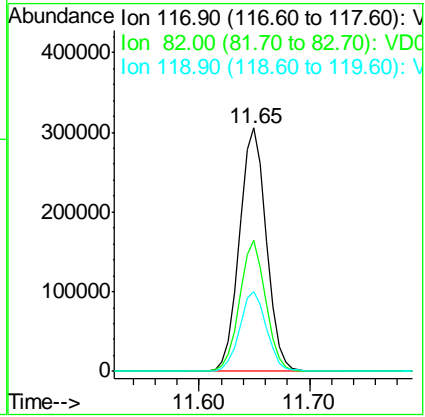
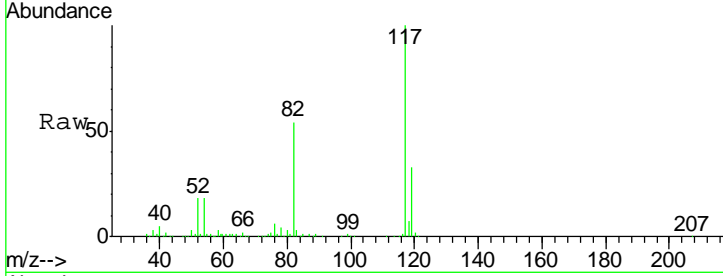




#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.65 min Scan# 1654  
 Delta R.T. 0.00 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

Instrument : MSVOA\_D  
 ClientSampled : PR-SOIL-PILE

Tgt Ion	Resp	Lower	Upper
117	100		
82	54.0	39.9	59.9
119	32.9	24.9	37.3



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.58 min Scan# 1983  
 Delta R.T. 0.00 min  
 Lab File: VD067299.D  
 Acq: 16 Oct 2020 16:08

Tgt Ion	Resp	Lower	Upper
152	100		
115	58.3	29.3	87.9
150	159.0	0.0	339.0

