

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068491.D
 Acq On : 02 Mar 2021 12:53
 Operator : VA/SY
 Sample : M1532-01
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-SAMPLE-S-1

Quant Time: Mar 02 23:57:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	345559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	616595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	594776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	272396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185161	53.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.26%	
35) Dibromofluoromethane	7.920	113	193028	51.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.94%	
50) Toluene-d8	10.338	98	775889	52.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.88%	
62) 4-Bromofluorobenzene	12.632	95	257355	53.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.94%	

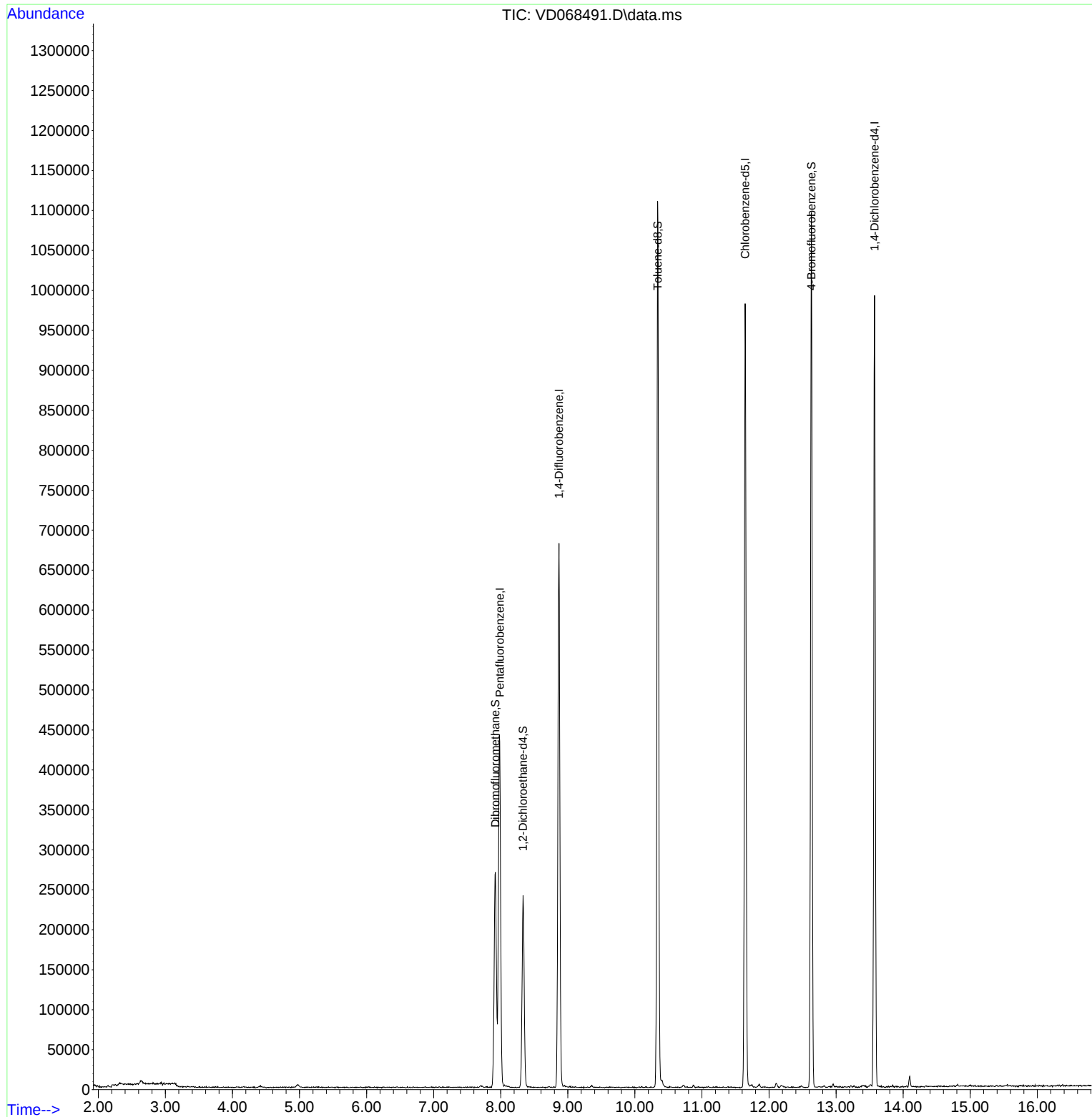
Target Compounds	Qvalue

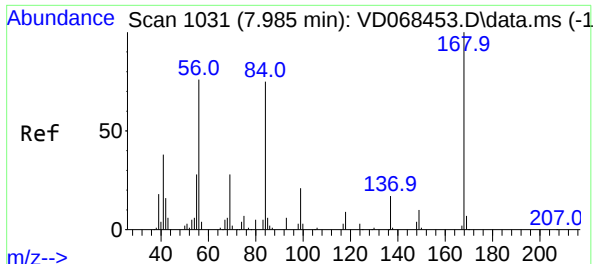
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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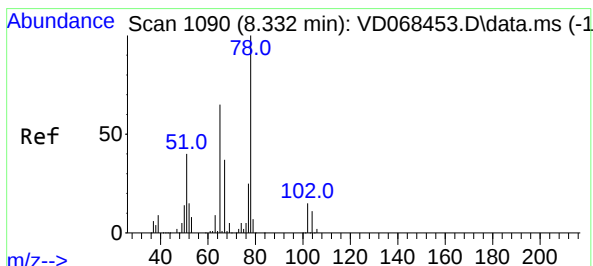
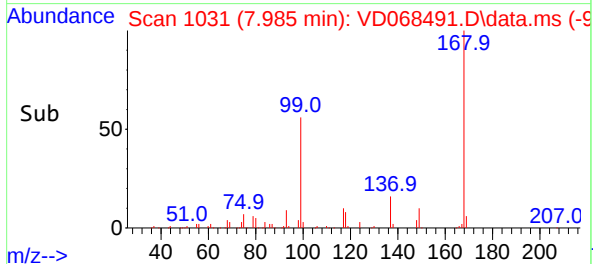
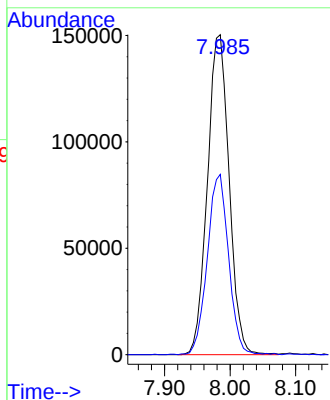
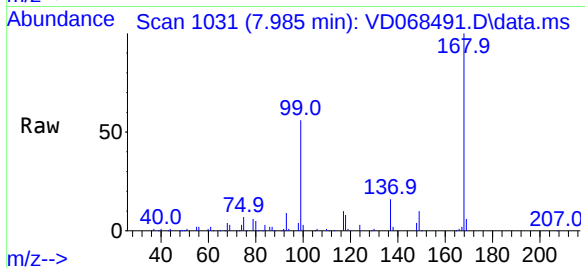




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

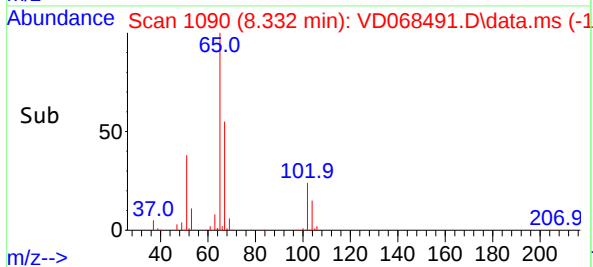
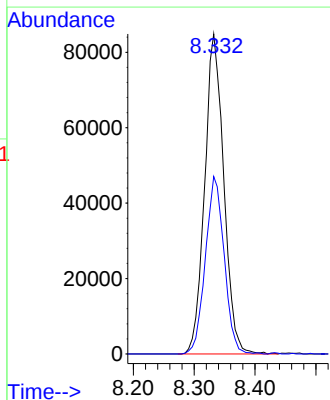
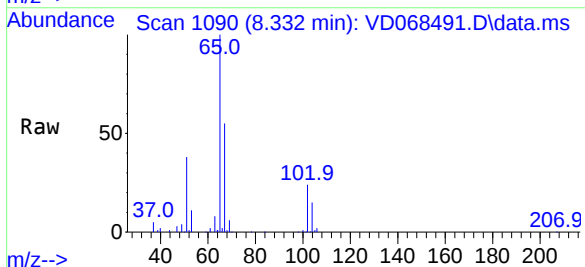
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

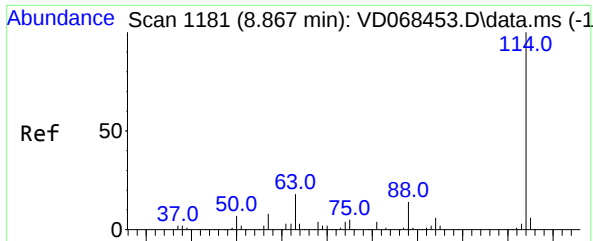
Tgt Ion:168 Resp: 345559
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 53.63 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

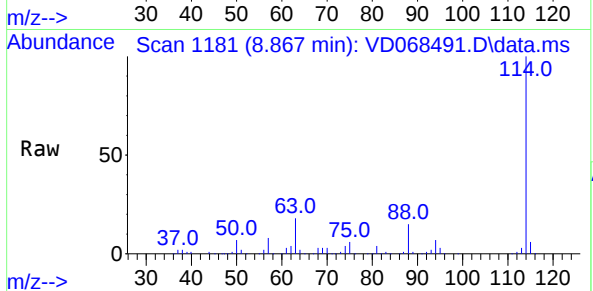
Tgt Ion: 65 Resp: 185161
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0



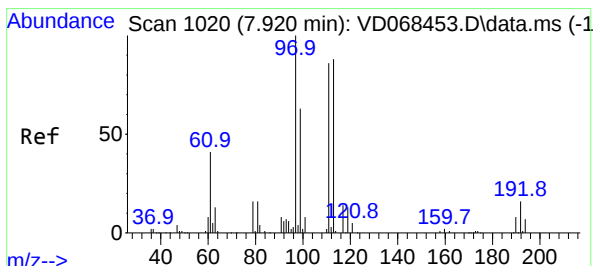
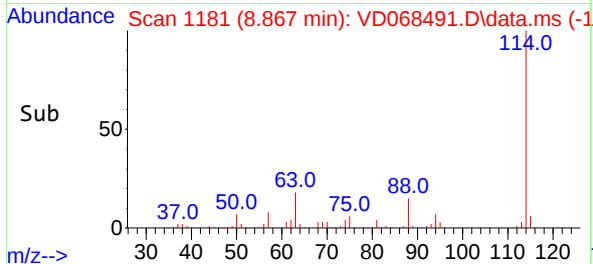
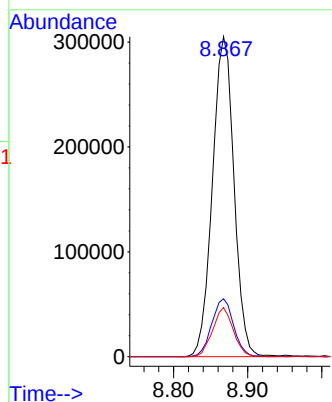


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

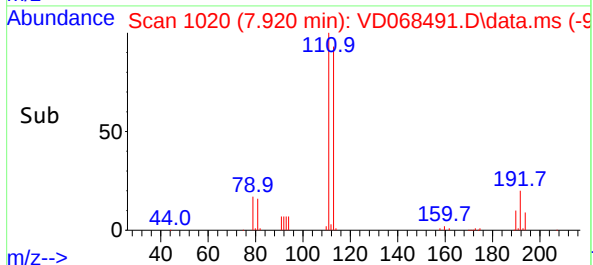
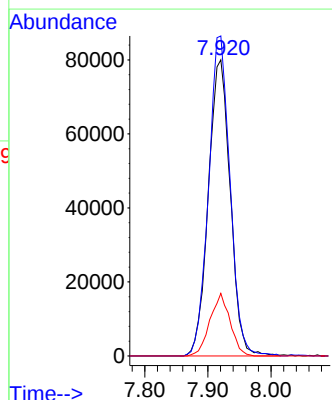
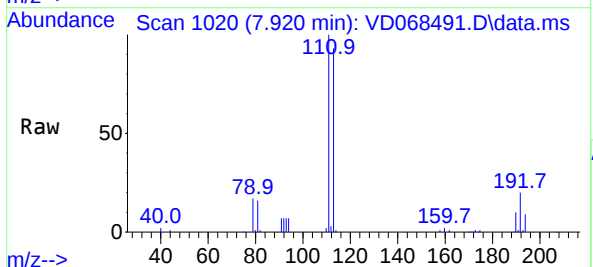


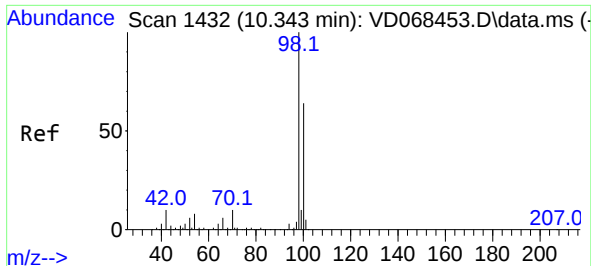
Tgt Ion:114 Resp: 616595
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 15.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion:113 Resp: 193028
Ion Ratio Lower Upper
113 100
111 105.5 81.4 122.0
192 19.5 16.1 24.1

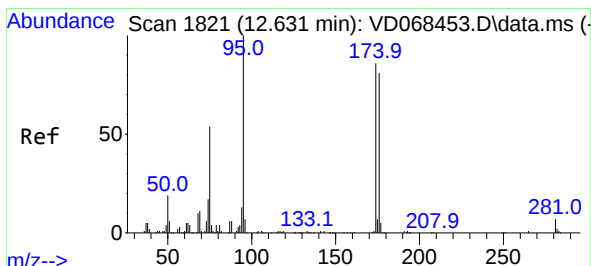
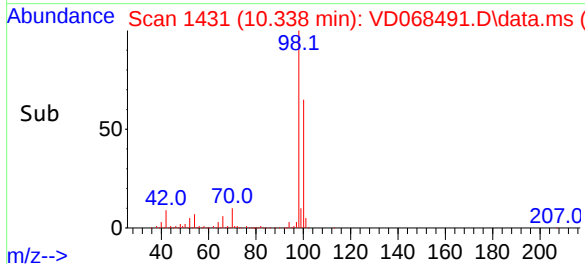
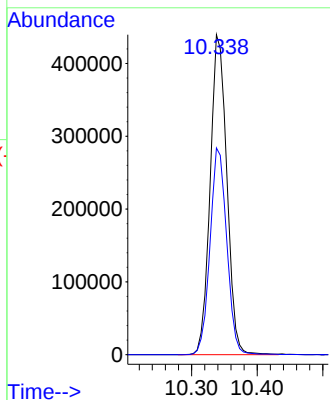
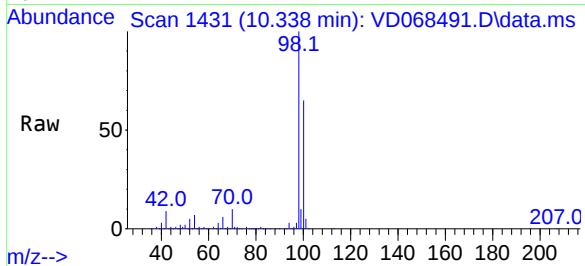




#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

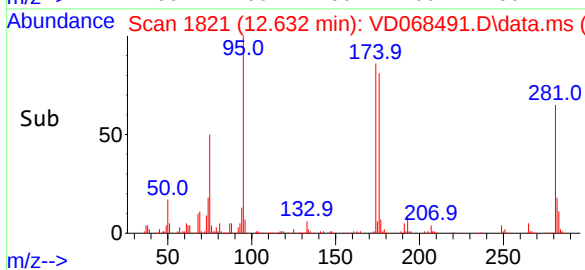
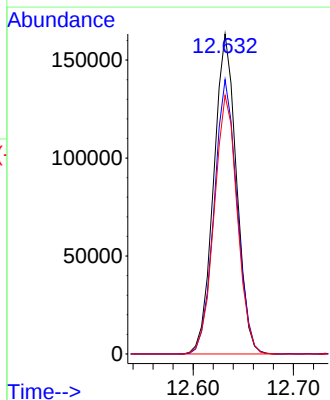
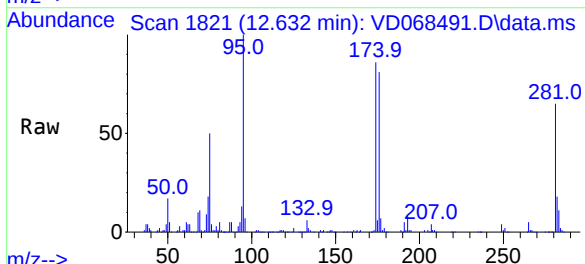
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

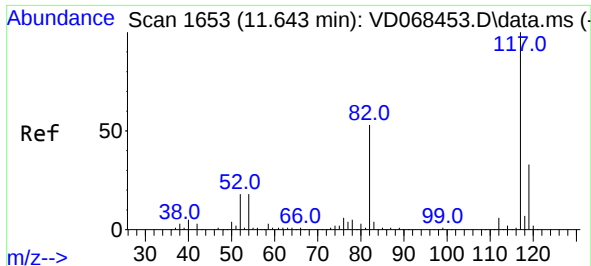
Tgt Ion: 98 Resp: 775889
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion: 95 Resp: 257355
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.4
176 81.8 0.0 168.4

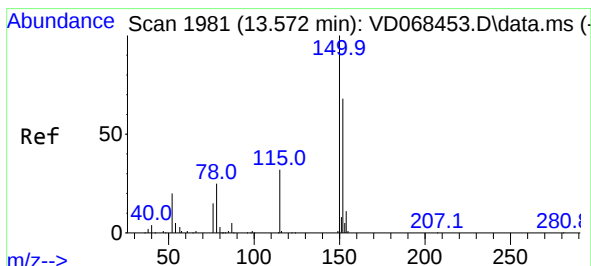
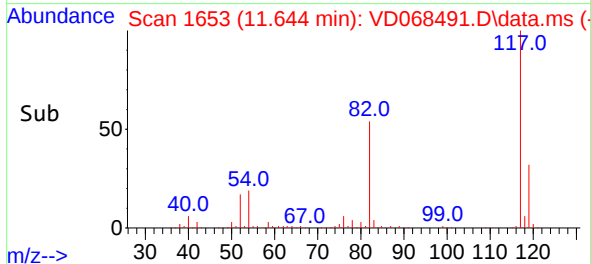
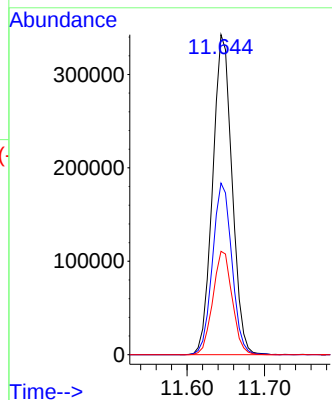
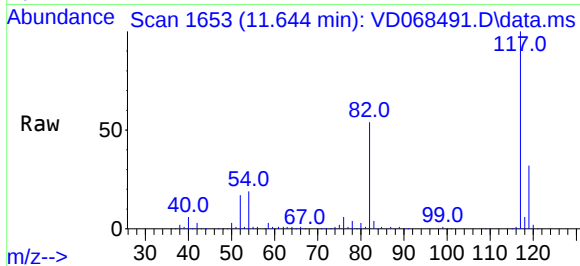




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-1

Tgt Ion:117 Resp: 594776
Ion Ratio Lower Upper
117 100
82 53.6 41.4 62.0
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068491.D
Acq: 02 Mar 2021 12:53

Tgt Ion:152 Resp: 272396
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 157.0 0.0 344.4

