

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030221\
 Data File : VD068492.D
 Acq On : 02 Mar 2021 13:21
 Operator : VA/SY
 Sample : M1532-02
 Misc : 6.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-SAMPLE-S-2

Quant Time: Mar 02 23:57:23 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	7.979	168	333350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	598598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	569404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	247234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181396	54.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.92%	
35) Dibromofluoromethane	7.920	113	184840	51.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.52%	
50) Toluene-d8	10.338	98	753016	52.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.86%	
62) 4-Bromofluorobenzene	12.632	95	242743	52.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.88%	

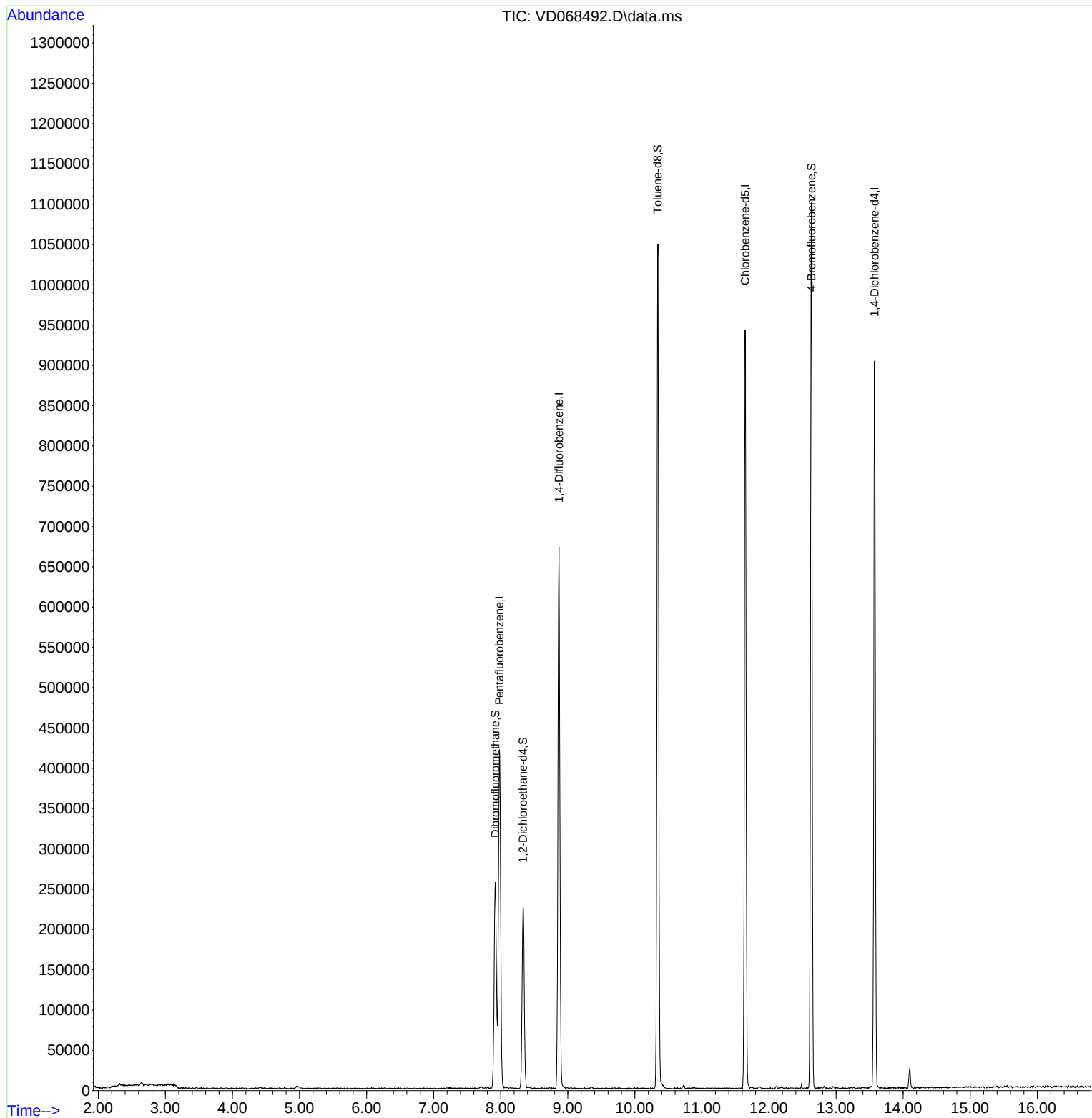
Target Compounds	Qvalue
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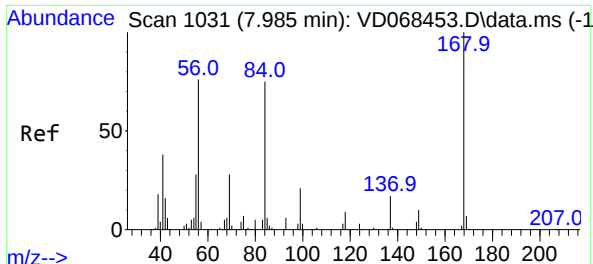
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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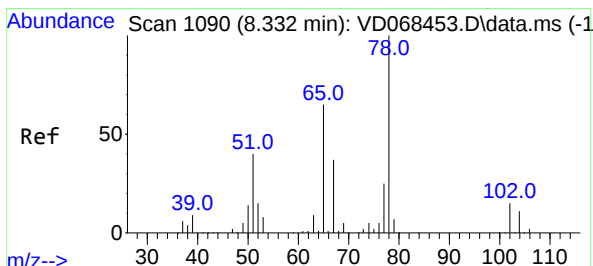
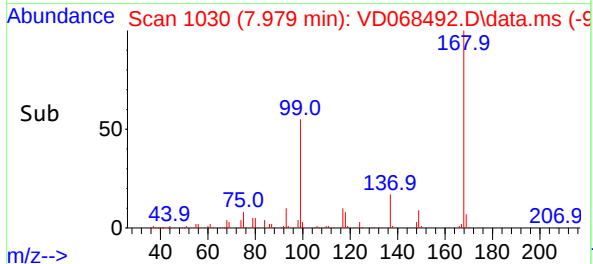
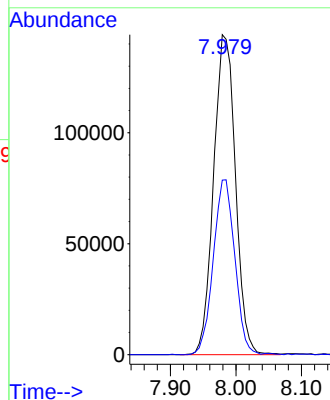
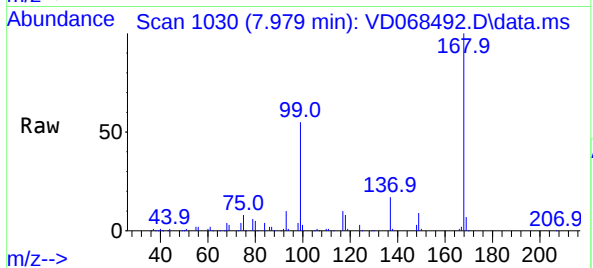




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068492.D
Acq: 02 Mar 2021 13:21

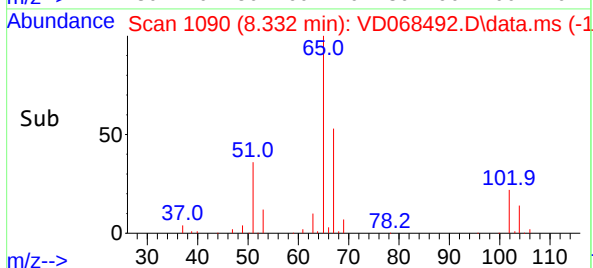
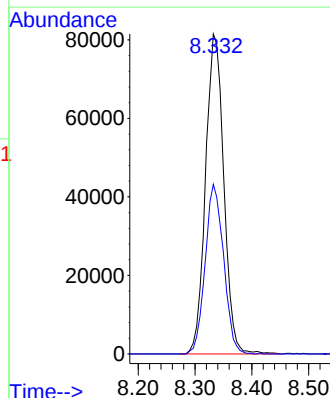
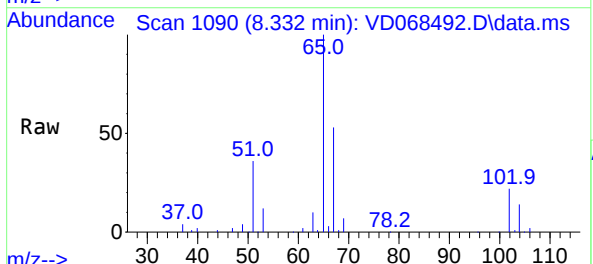
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-2

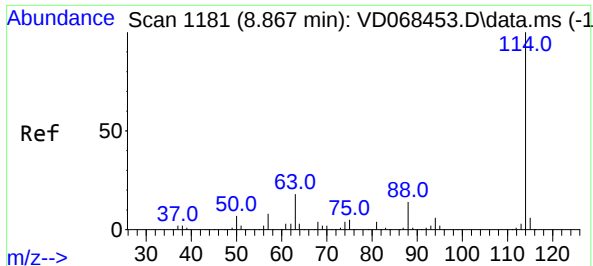
Tgt Ion:168 Resp: 333350
Ion Ratio Lower Upper
168 100
99 54.6 43.5 65.3



1,2-Dichloroethane-d4
Concen: 54.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068492.D
Acq: 02 Mar 2021 13:21

Tgt Ion: 65 Resp: 181396
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0

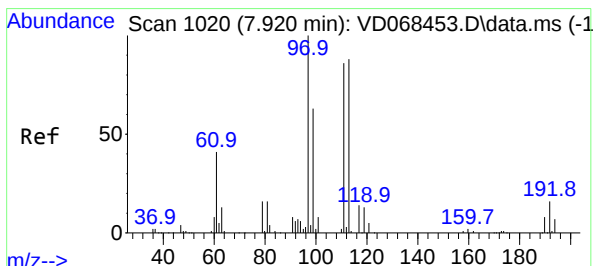
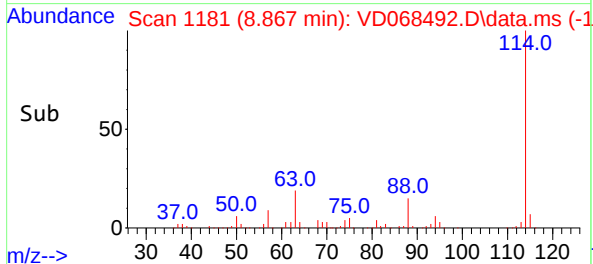
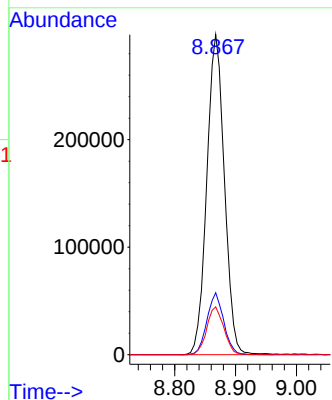
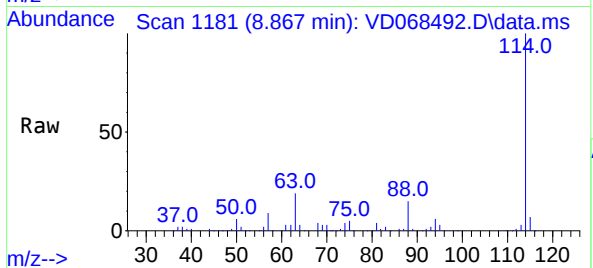




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068492.D
Acq: 02 Mar 2021 13:21

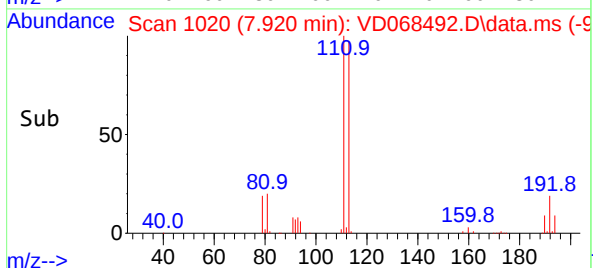
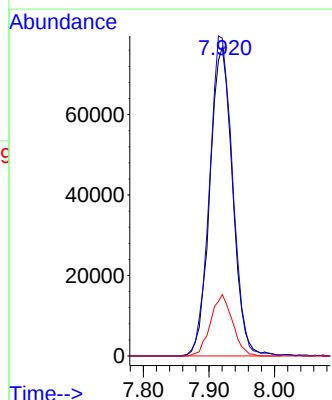
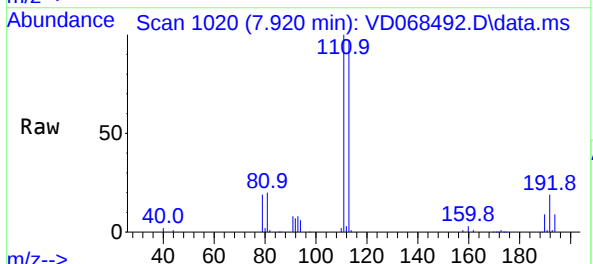
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-2

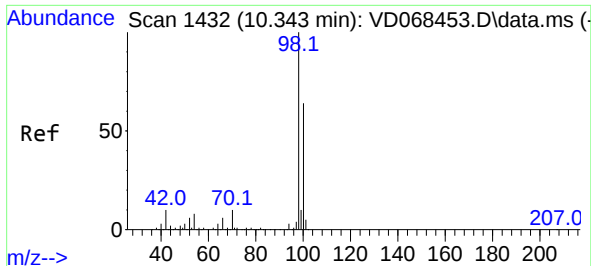
Tgt Ion:114 Resp: 598598
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 14.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.26 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068492.D
Acq: 02 Mar 2021 13:21

Tgt Ion:113 Resp: 184840
Ion Ratio Lower Upper
113 100
111 104.9 81.4 122.0
192 19.2 16.1 24.1

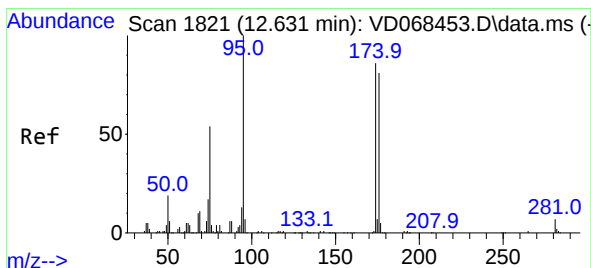
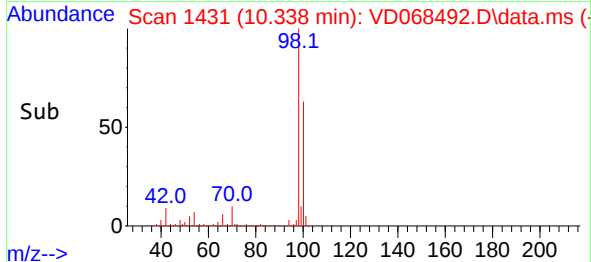
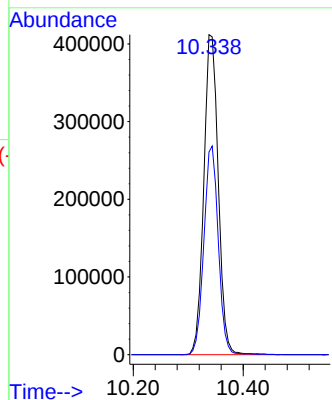
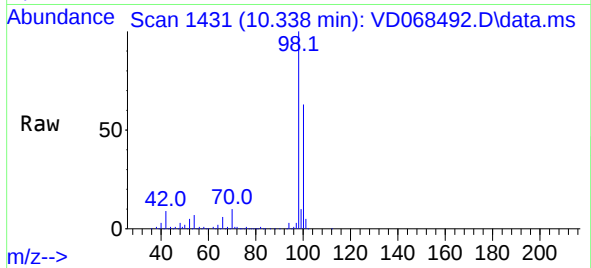




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068492.D
Acq: 02 Mar 2021 13:21

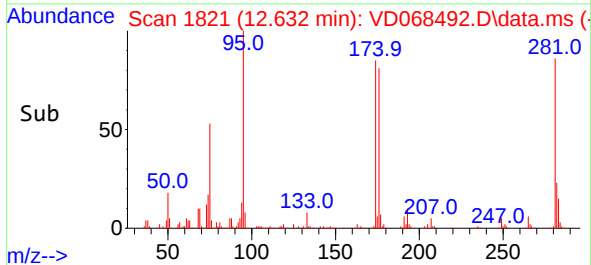
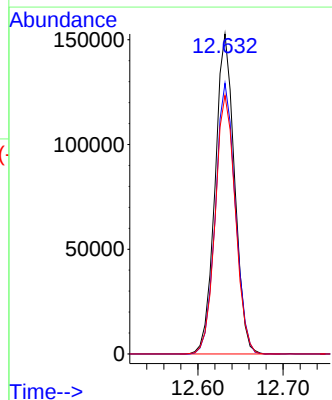
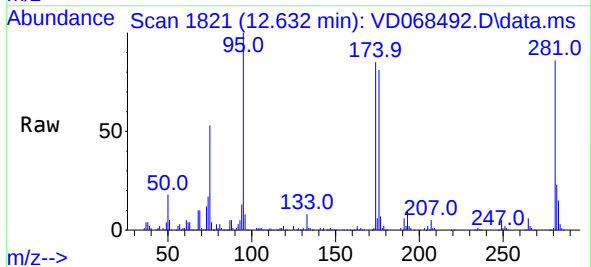
Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-2

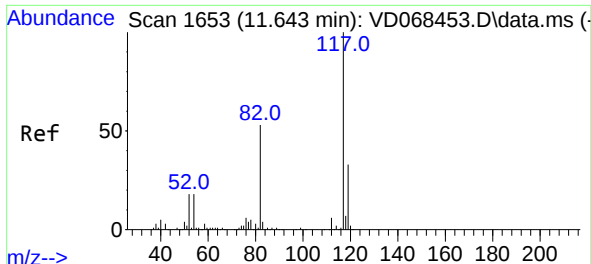
Tgt Ion: 98 Resp: 753016
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068492.D
Acq: 02 Mar 2021 13:21

Tgt Ion: 95 Resp: 242743
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.4
176 83.1 0.0 168.4

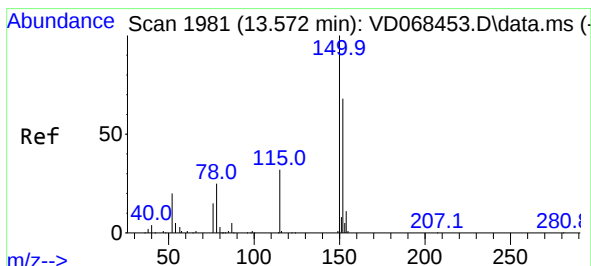
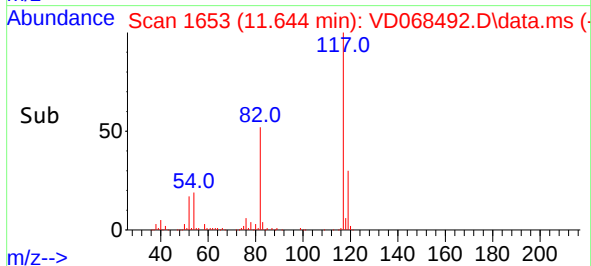
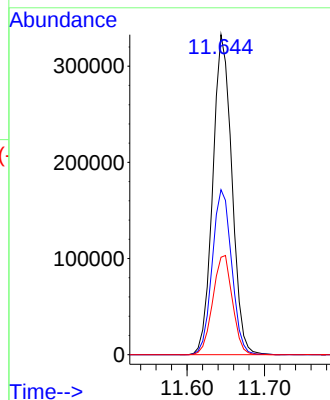
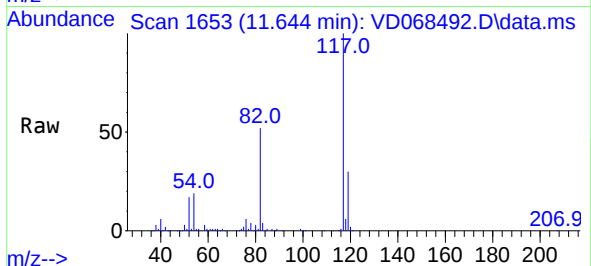




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068492.D
Acq: 02 Mar 2021 13:21

Instrument :
MSVOA_D
ClientSampleId :
SOIL-SAMPLE-S-2

Tgt Ion:	117	Resp:	569404
Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.4	62.0
119	30.4	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: VD068492.D
Acq: 02 Mar 2021 13:21

Tgt Ion:	152	Resp:	247234
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.9	86.8
150	158.4	0.0	344.4

