

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070771.D
 Acq On : 20 Oct 2021 13:01
 Operator : VA/SY
 Sample : M4287-01
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EXC-SOIL-A

Quant Time: Oct 21 05:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	30371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	55309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	53213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	22723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	30889	85.87	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.74%#
35) Dibromofluoromethane	7.908	113	19508	55.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.16%
50) Toluene-d8	10.332	98	68405	50.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.78%
62) 4-Bromofluorobenzene	12.620	95	23270	49.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.56%

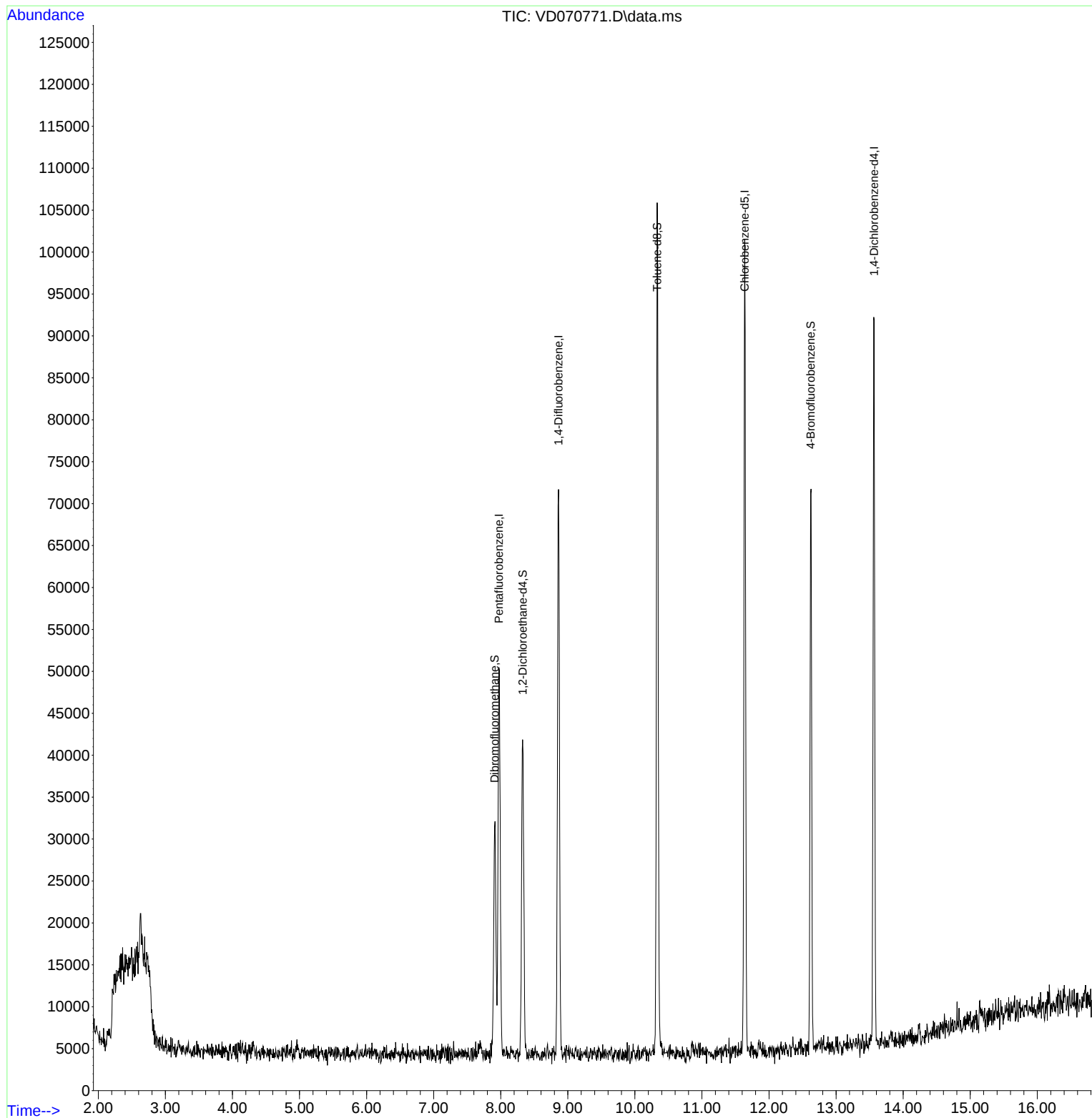
Target Compounds	Qvalue

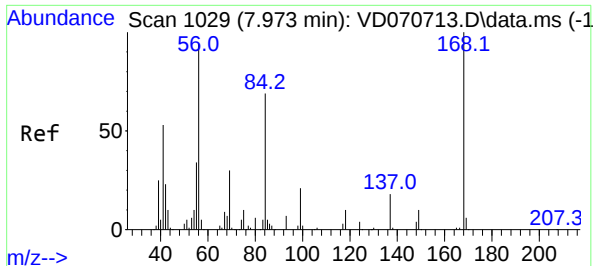
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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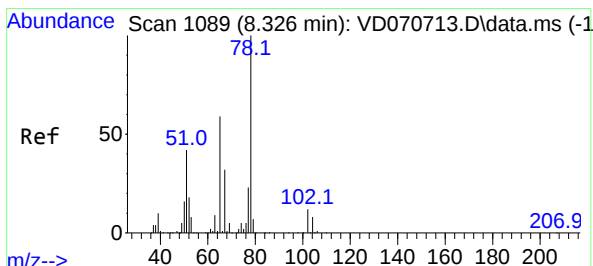
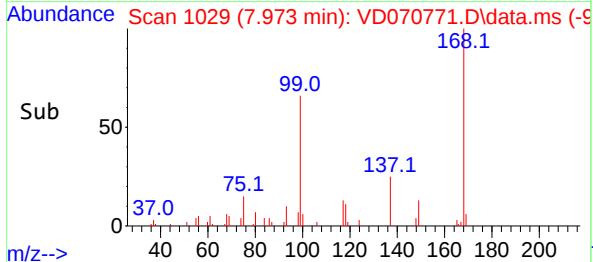
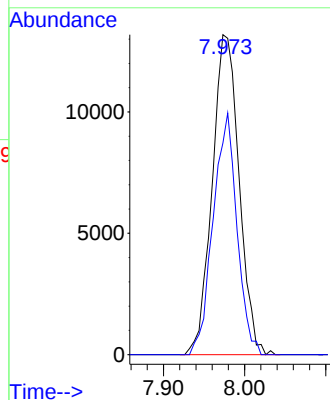
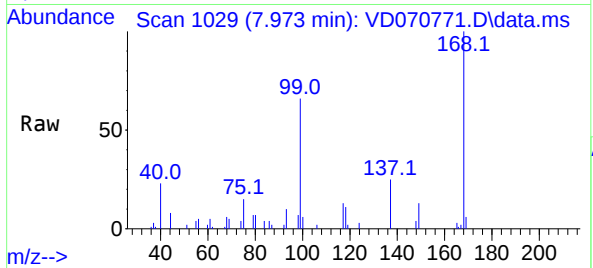




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

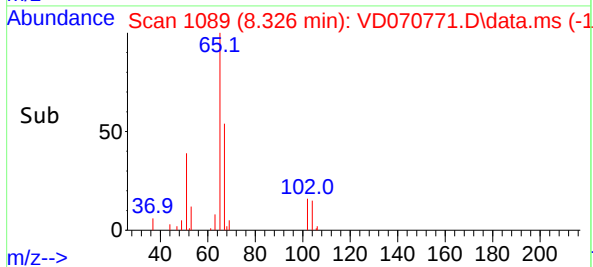
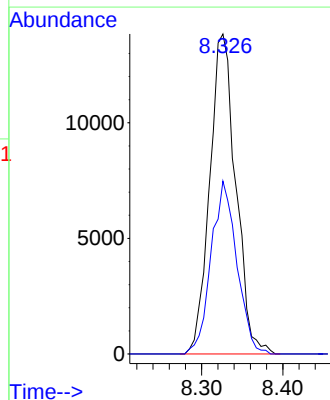
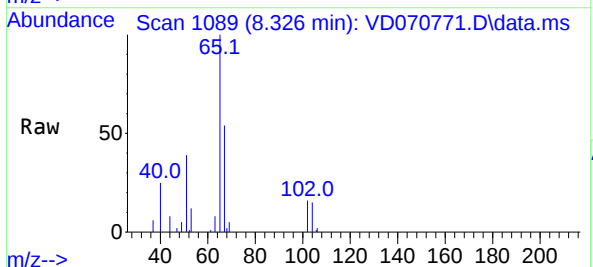
Instrument :
MSVOA_D
ClientSampleId :
EXC-SOIL-A

Tgt Ion:168 Resp: 30371
Ion Ratio Lower Upper
168 100
99 66.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 85.87 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

Tgt Ion: 65 Resp: 30889
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2



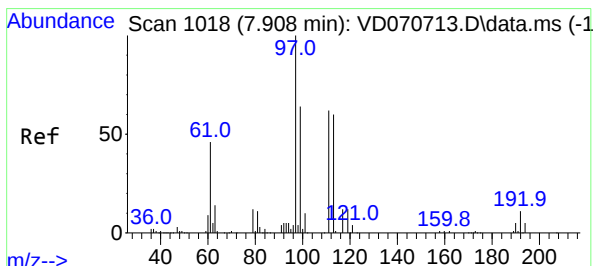
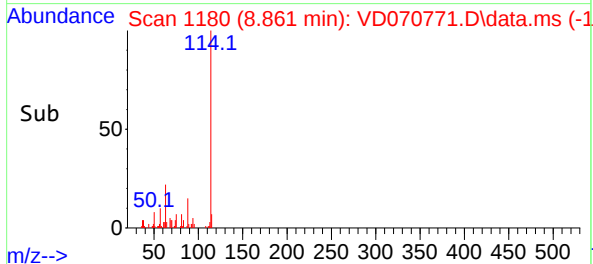
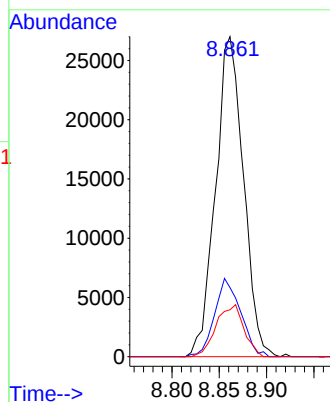
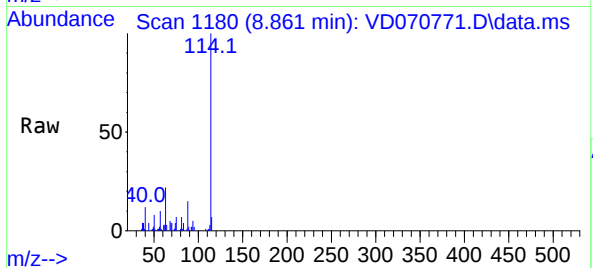


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

Instrument :
MSVOA_D
ClientSampleId :
EXC-SOIL-A

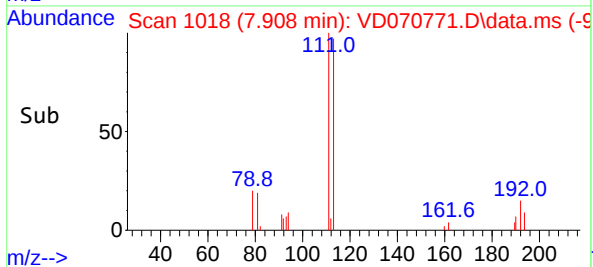
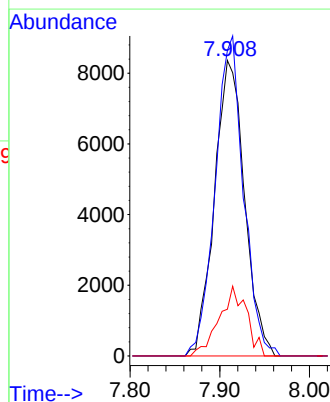
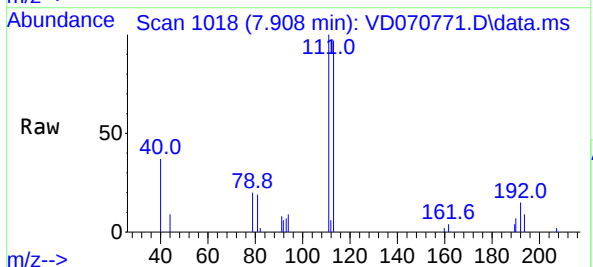
Tgt Ion:	114	Resp:	55309
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	14.6	0.0	32.6

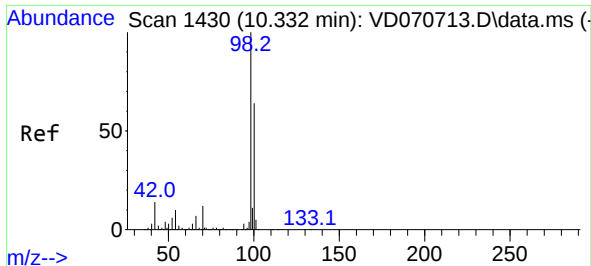


#35

Dibromofluoromethane
Concen: 55.08 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

Tgt Ion:	113	Resp:	19508
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.1	124.7
192	21.4	12.7	19.1#

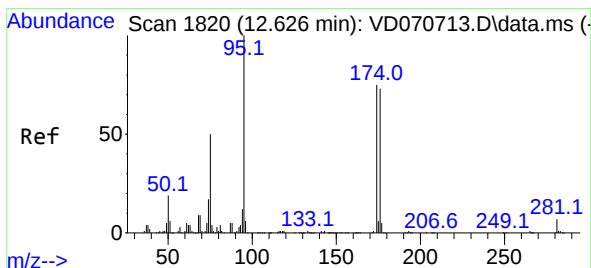
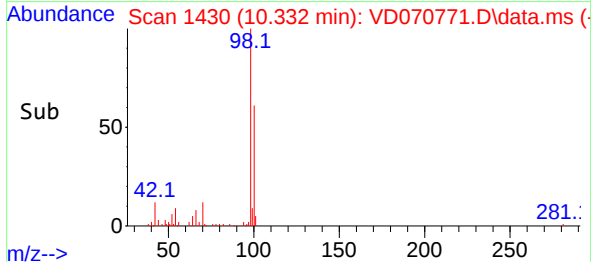
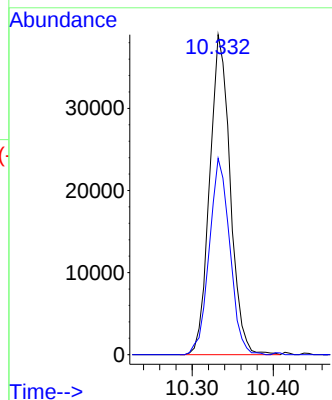
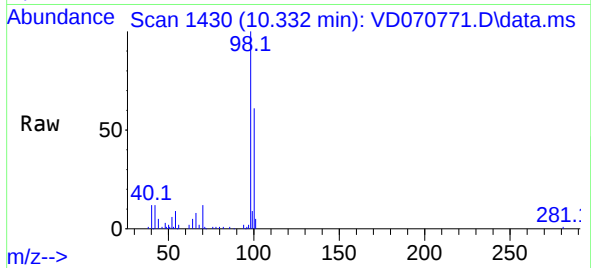




#50
Toluene-d8
Concen: 50.39 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

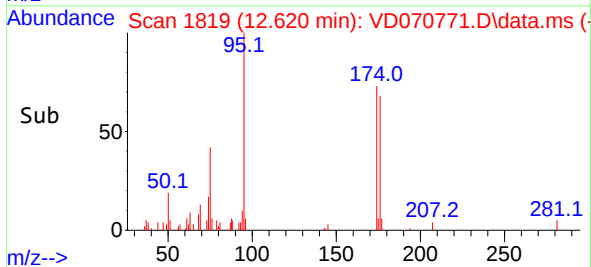
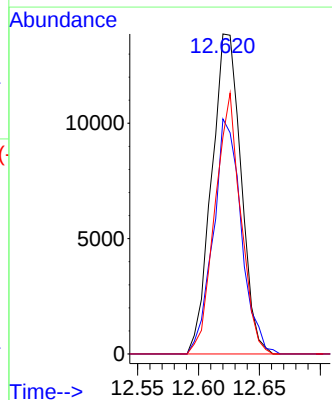
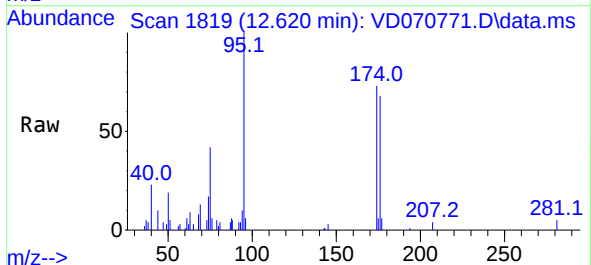
Instrument :
MSVOA_D
ClientSampleId :
EXC-SOIL-A

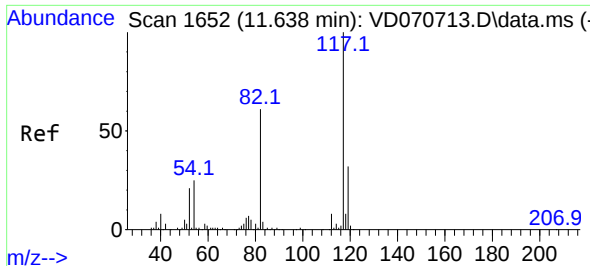
Tgt Ion: 98 Resp: 68405
Ion Ratio Lower Upper
98 100
100 61.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.78 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

Tgt Ion: 95 Resp: 23270
Ion Ratio Lower Upper
95 100
174 70.4 0.0 138.0
176 71.6 0.0 135.6

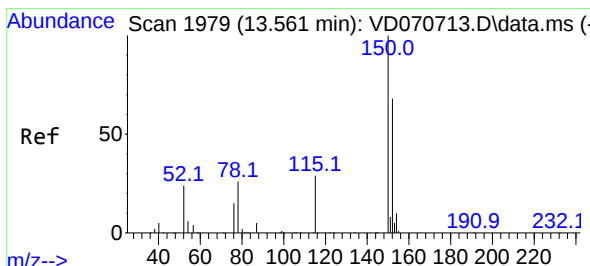
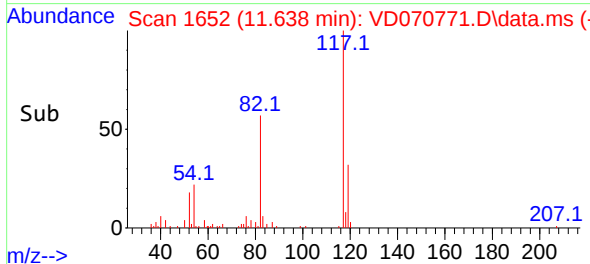
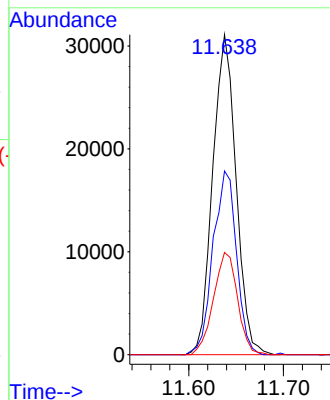
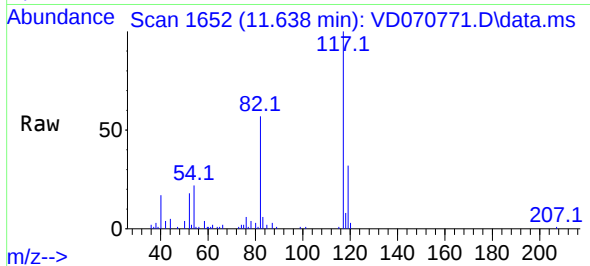




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

Instrument :
MSVOA_D
ClientSampleId :
EXC-SOIL-A

Tgt Ion:	117	Resp:	53213
Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.4	68.2
119	31.9	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070771.D
Acq: 20 Oct 2021 13:01

Tgt Ion:	152	Resp:	22723
Ion	Ratio	Lower	Upper
152	100		
115	58.4	31.9	95.7
150	159.7	0.0	350.0

