

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074004.D
 Acq On : 09 Aug 2022 23:26
 Operator : VA/SY
 Sample : N4046-01
 Misc : 7.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-01

Quant Time: Aug 10 01:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	96080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	212746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	218463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	102853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	73368	86.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.260%#	
35) Dibromofluoromethane	7.902	113	81075	62.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.760%	
50) Toluene-d8	10.332	98	264852	68.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 137.980%	
62) 4-Bromofluorobenzene	12.620	95	96216	58.315	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.620%	

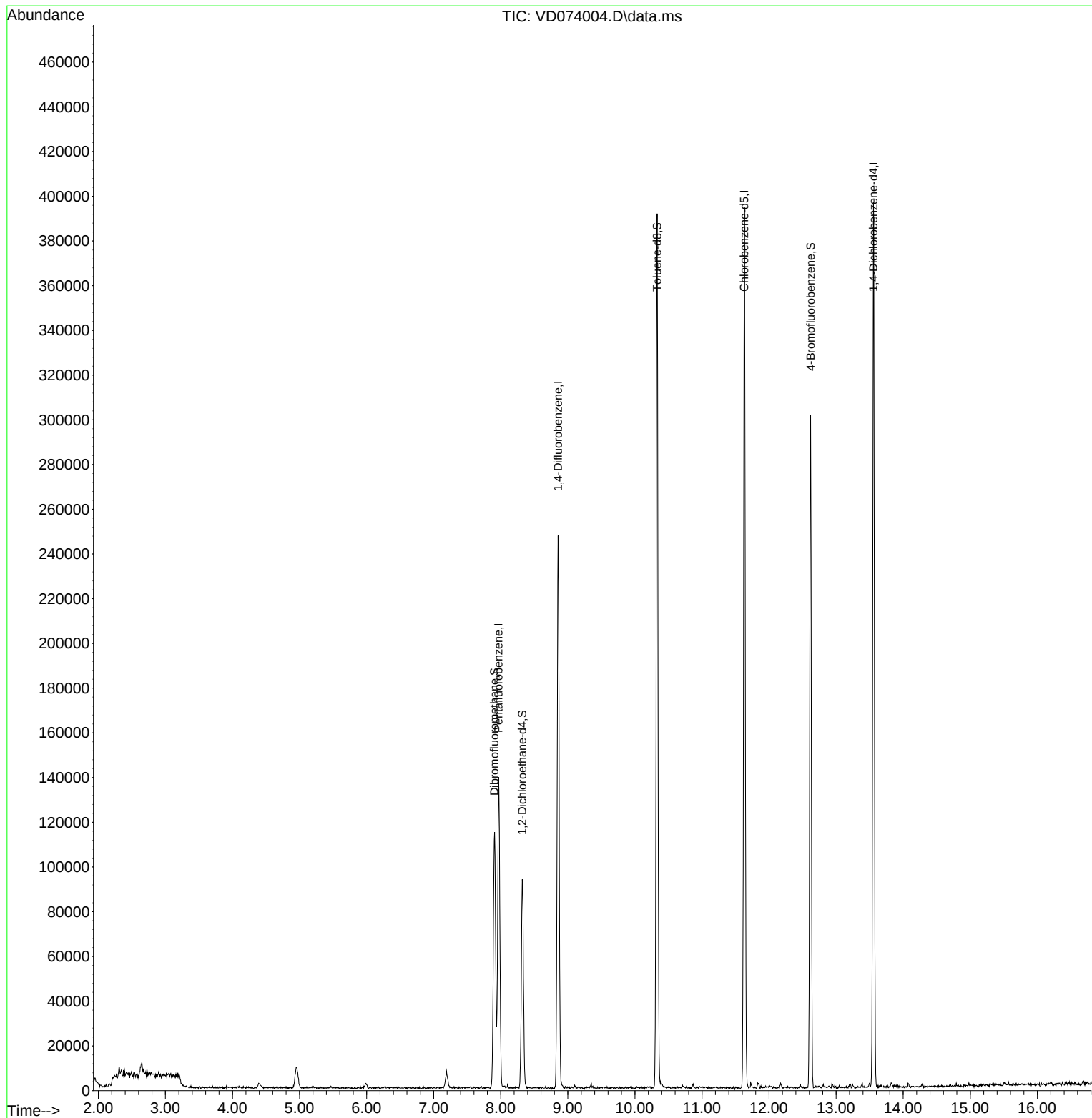
Target Compounds	Qvalue

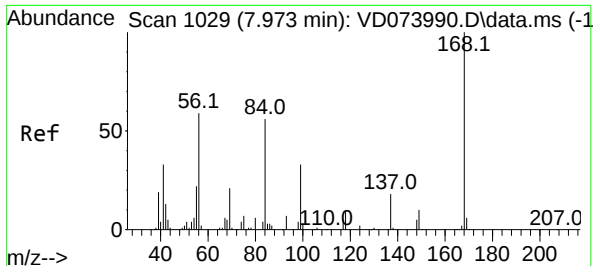
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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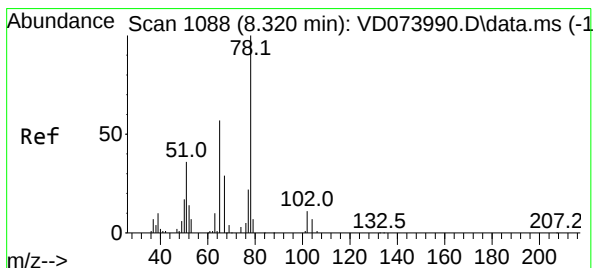
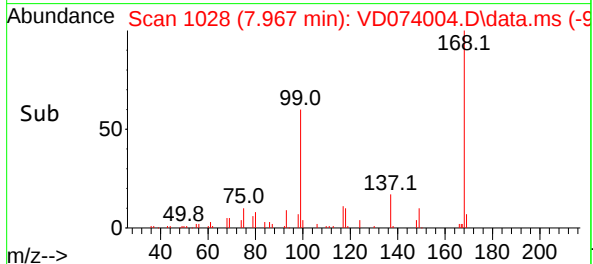
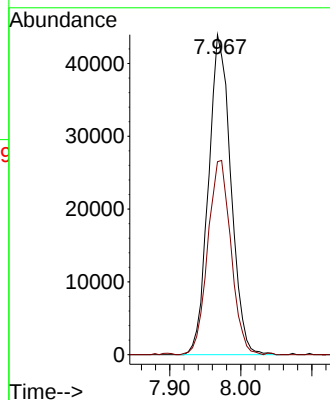
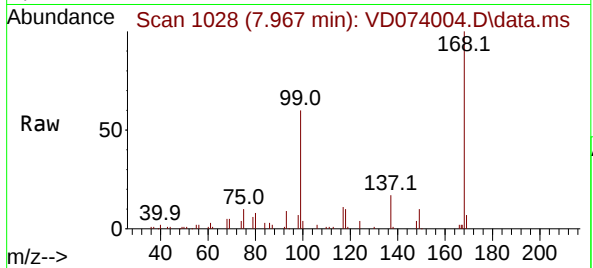




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

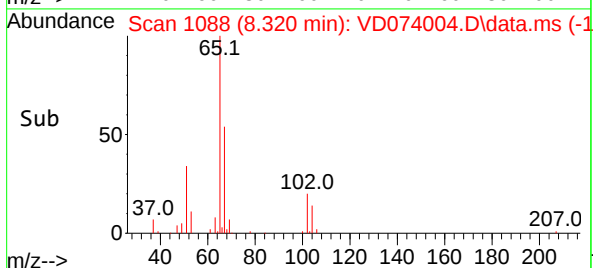
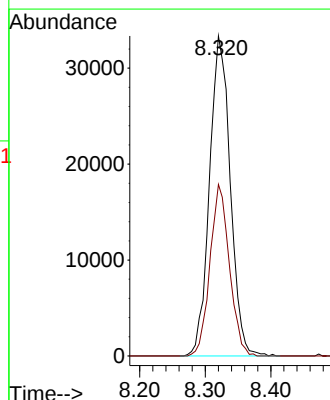
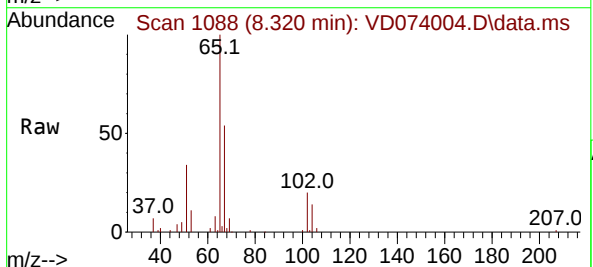
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-01

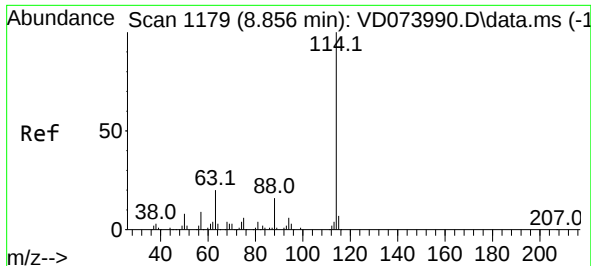
Tgt Ion:168 Resp: 96080
Ion Ratio Lower Upper
168 100
99 60.3 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 86.130 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

Tgt Ion: 65 Resp: 73368
Ion Ratio Lower Upper
65 100
67 50.0 0.0 113.6

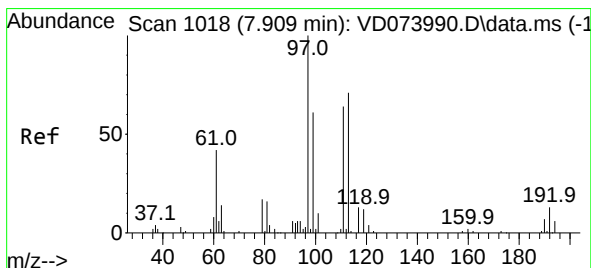
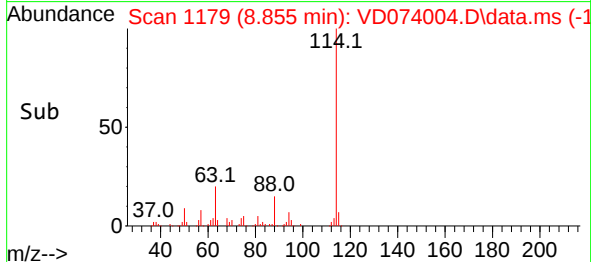
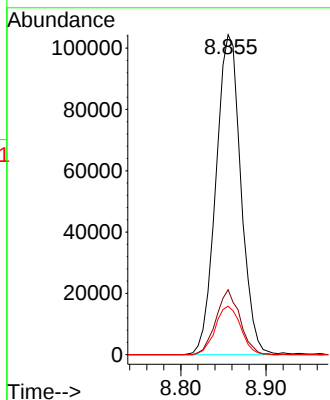
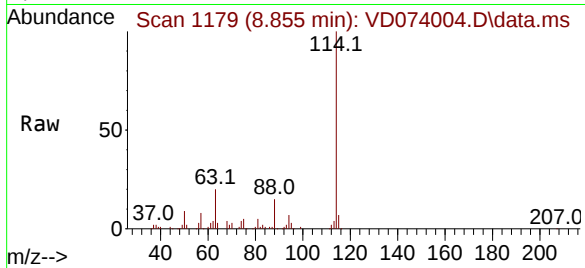




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.001 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

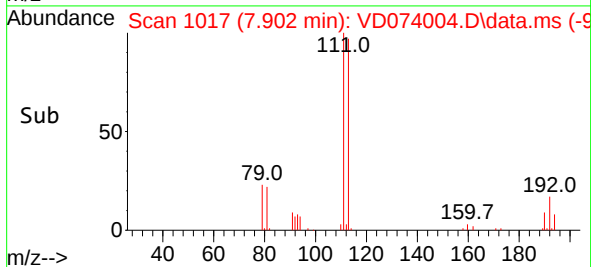
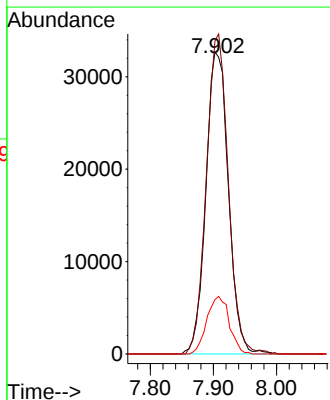
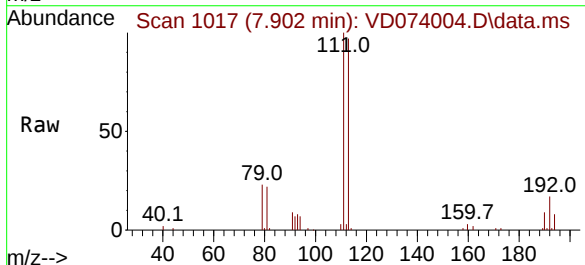
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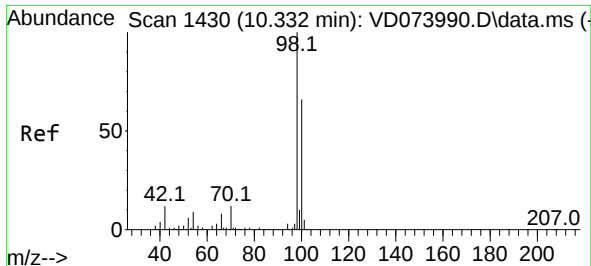
Tgt Ion:114 Resp: 212746
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 15.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 62.384 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.007 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

Tgt Ion:113 Resp: 81075
Ion Ratio Lower Upper
113 100
111 103.2 80.0 120.0
192 18.9 14.2 21.4

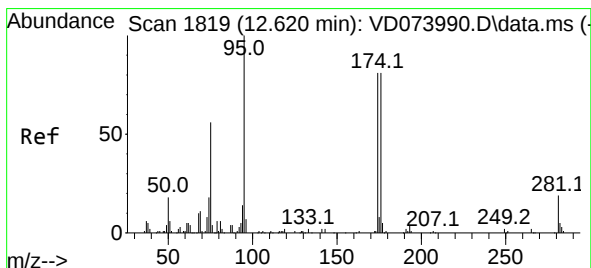
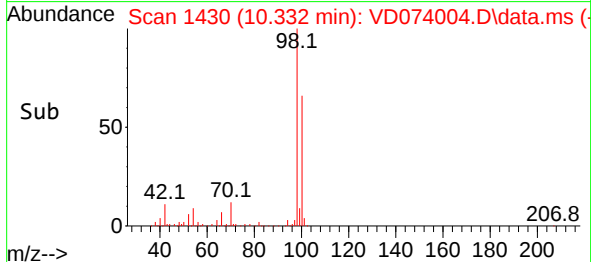
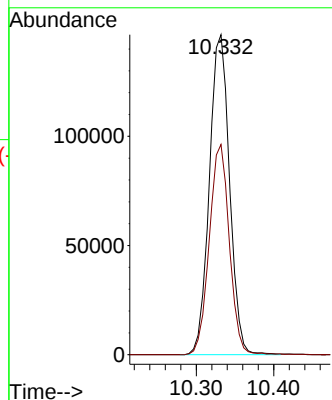
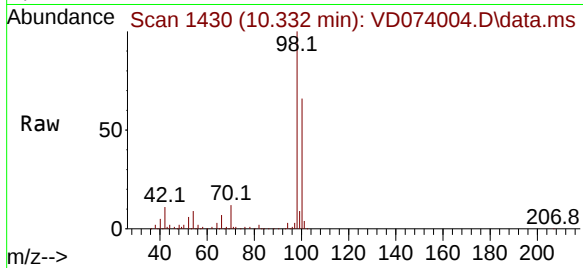




#50
Toluene-d8
Concen: 68.989 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

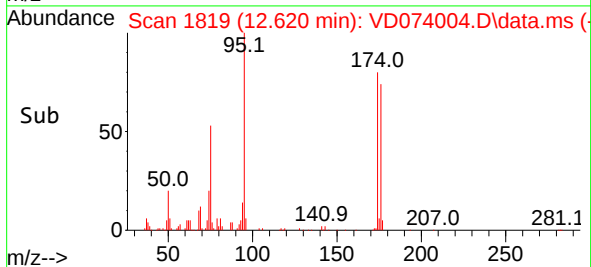
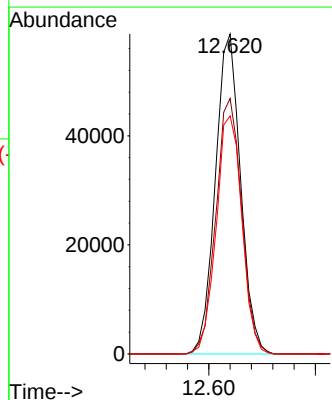
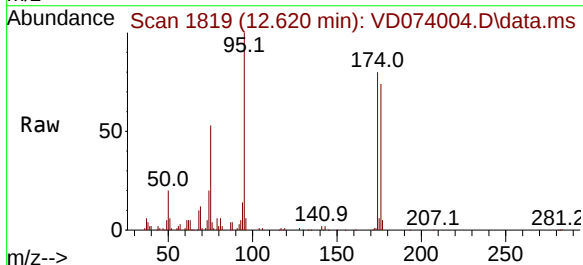
Instrument :
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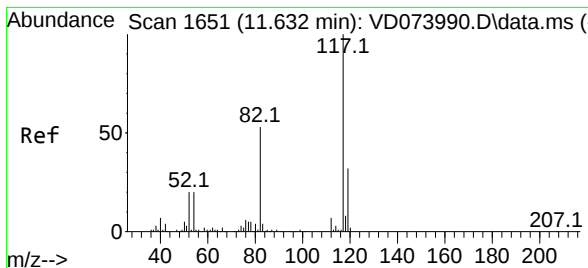
Tgt Ion: 98 Resp: 264852
Ion Ratio Lower Upper
98 100
100 65.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.315 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

Tgt Ion: 95 Resp: 96216
Ion Ratio Lower Upper
95 100
174 81.7 0.0 162.6
176 76.1 0.0 160.0

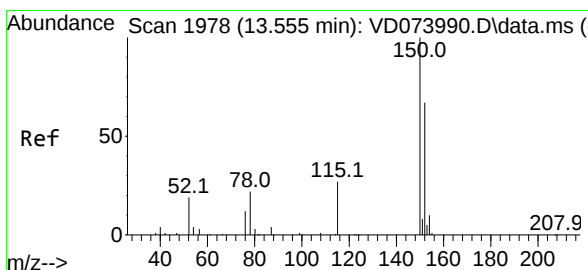
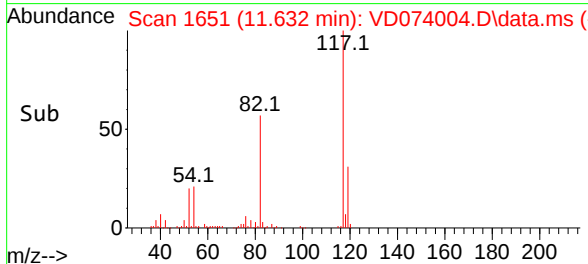
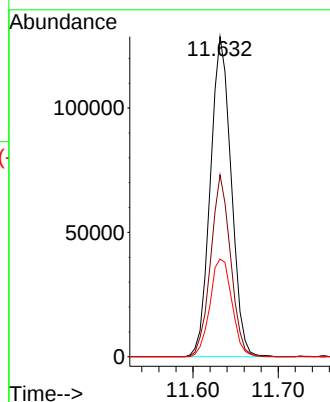
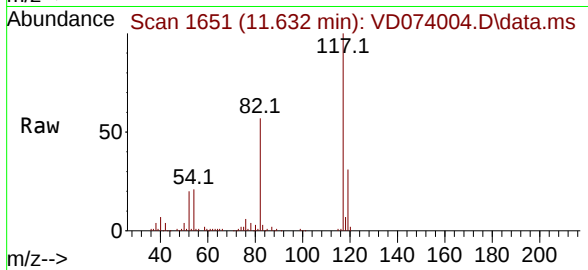




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-01

Tgt Ion:117 Resp: 218463
Ion Ratio Lower Upper
117 100
82 56.8 42.7 64.1
119 30.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.000 min
Lab File: VD074004.D
Acq: 09 Aug 2022 23:26

Tgt Ion:152 Resp: 102853
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.8
150 153.4 0.0 342.8

