

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074006.D
 Acq On : 10 Aug 2022 00:26
 Operator : VA/SY
 Sample : N4046-05
 Misc : 7.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-03

Quant Time: Aug 10 01:25:13 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	90618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	203269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	215954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	73369	91.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 182.640%#	
35) Dibromofluoromethane	7.908	113	79687	64.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.340%	
50) Toluene-d8	10.332	98	262509	71.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 143.140%#	
62) 4-Bromofluorobenzene	12.620	95	92159	58.460	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.920%	

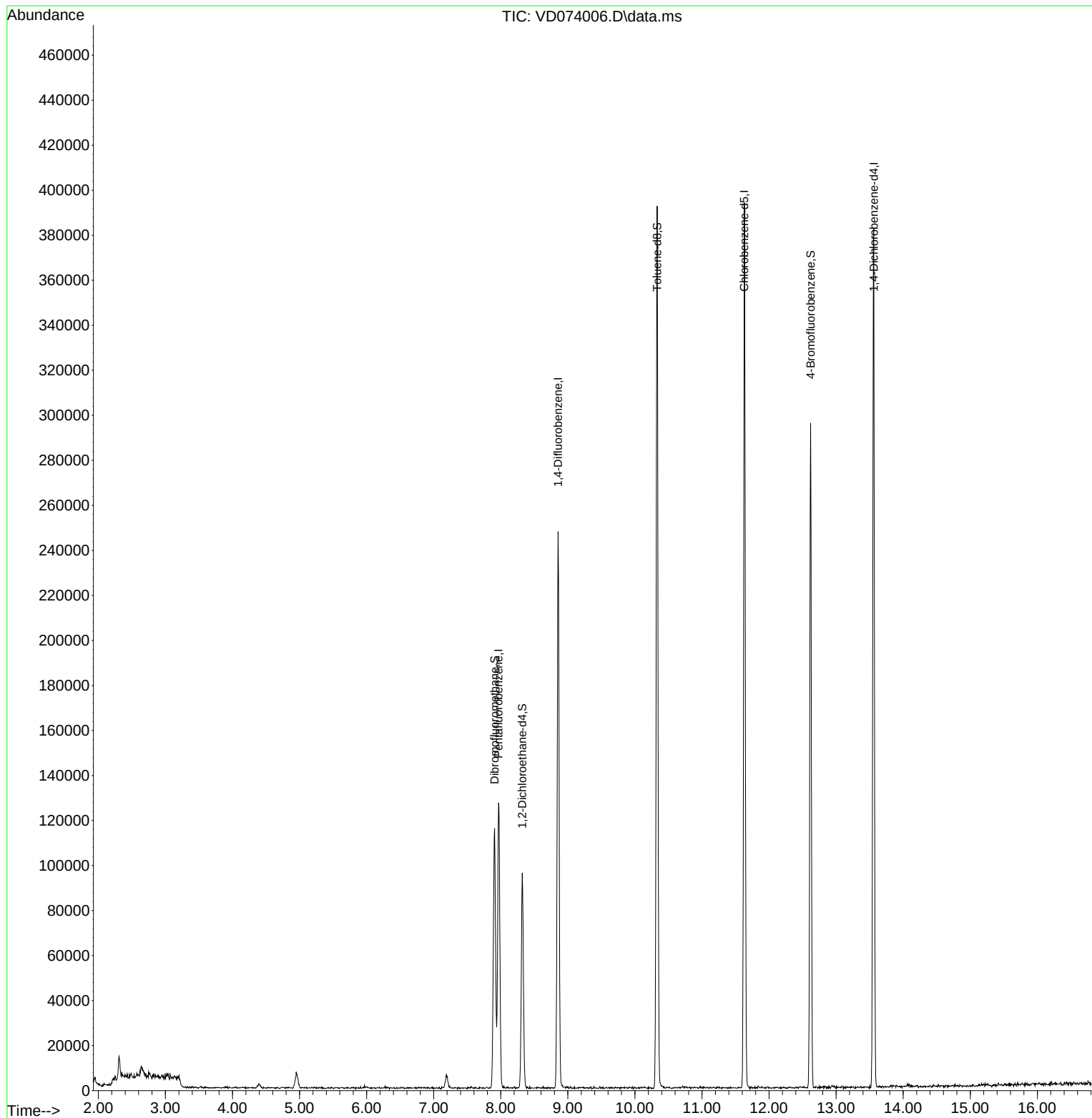
Target Compounds	Qvalue

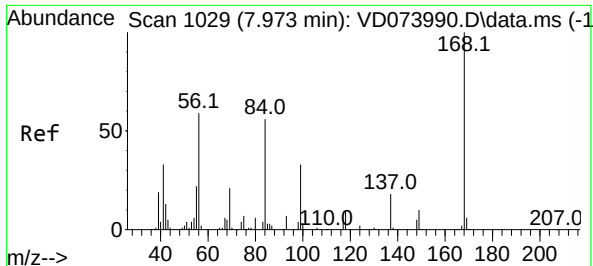
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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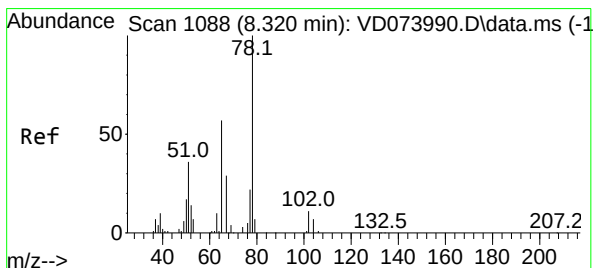
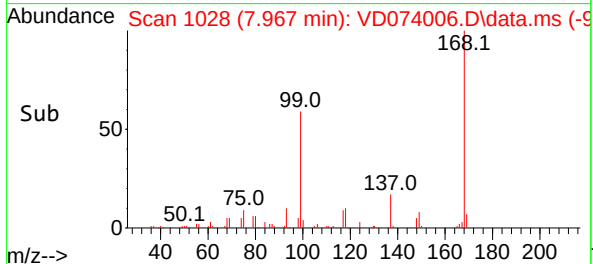
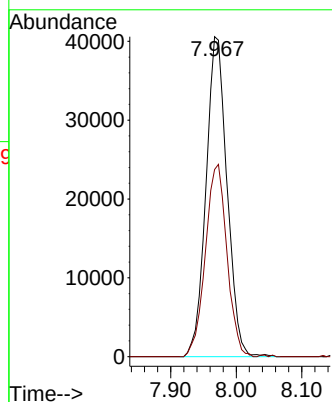
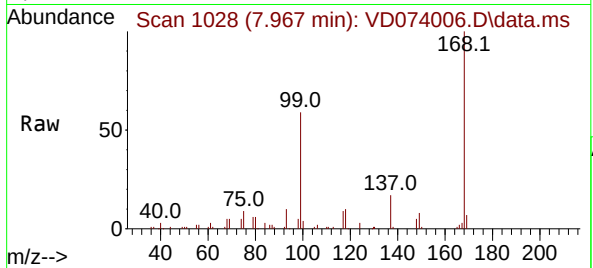




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

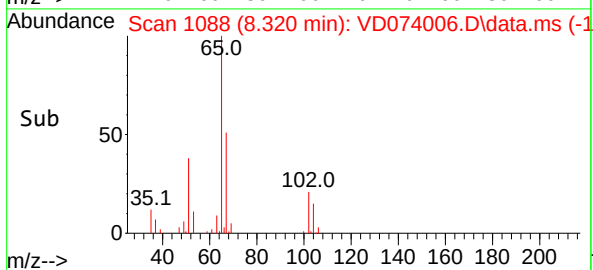
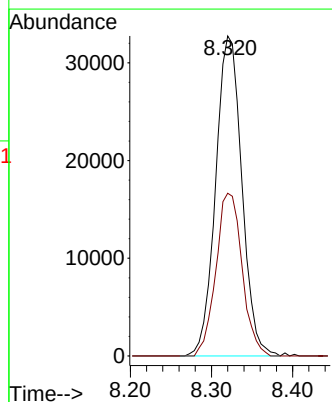
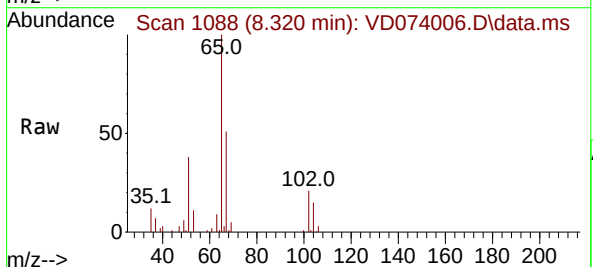
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-03

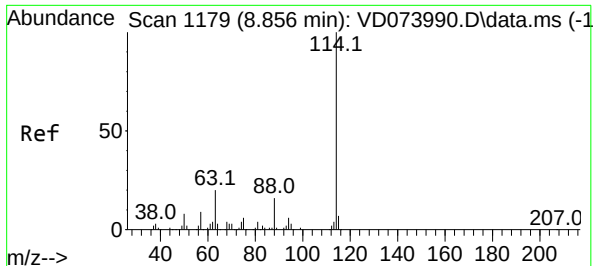
Tgt Ion:168 Resp: 90618
Ion Ratio Lower Upper
168 100
99 58.5 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 91.323 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion: 65 Resp: 73369
Ion Ratio Lower Upper
65 100
67 50.9 0.0 113.6

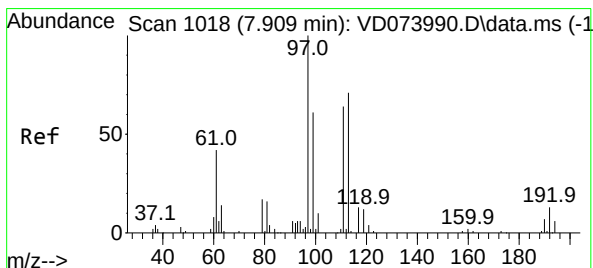
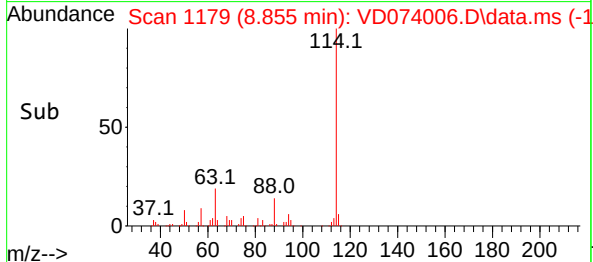
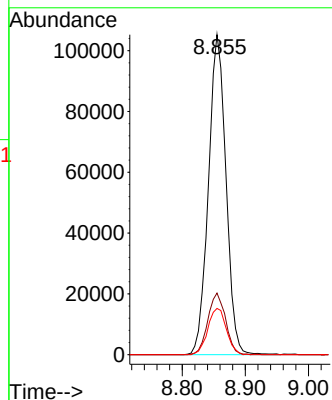
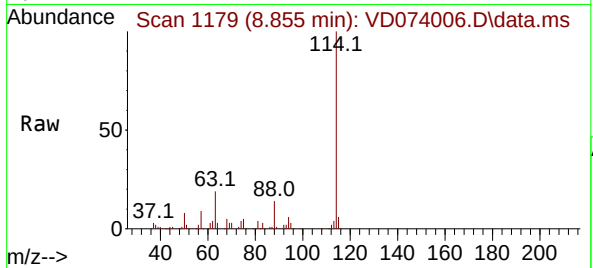




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.001 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

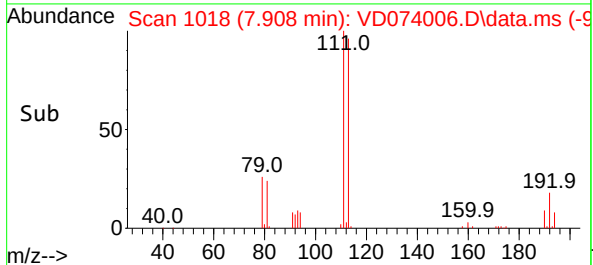
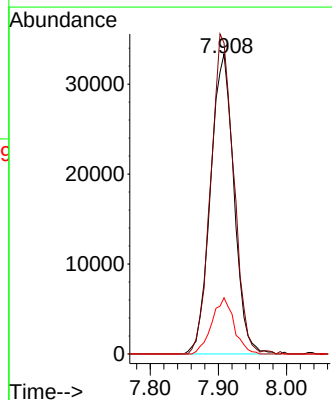
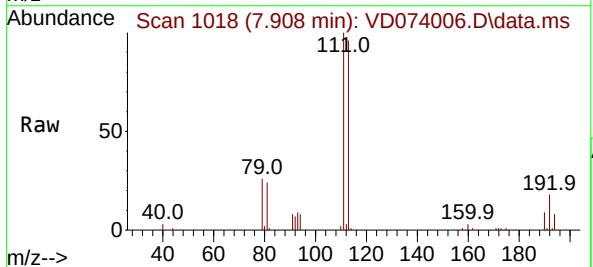
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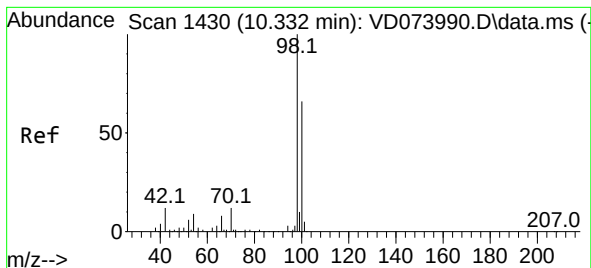
Tgt Ion:114 Resp: 203269
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.0
88 14.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 64.175 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion:113 Resp: 79687
Ion Ratio Lower Upper
113 100
111 104.6 80.0 120.0
192 17.8 14.2 21.4

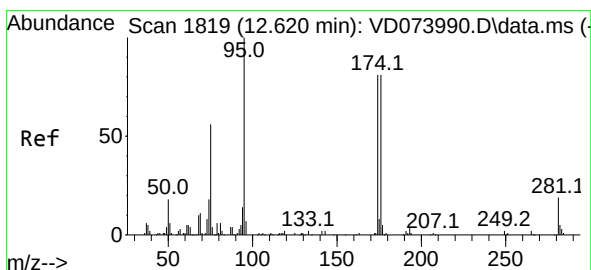
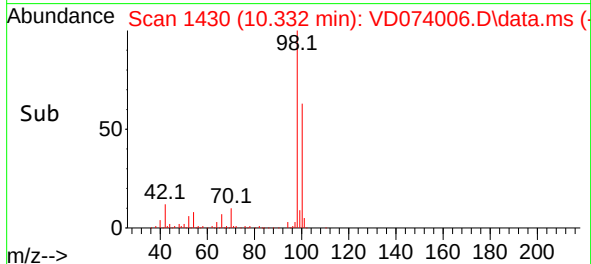
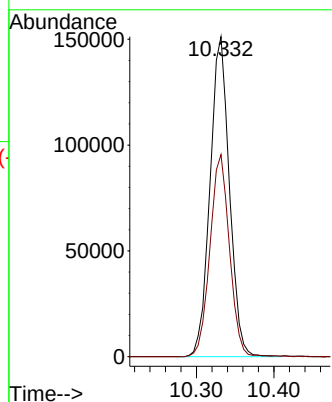
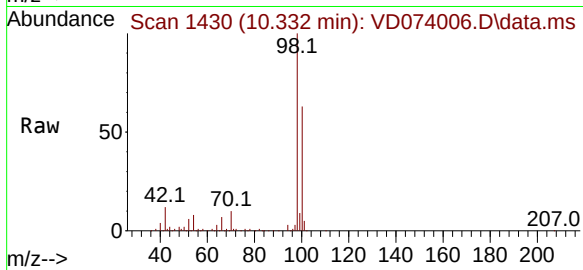




#50
Toluene-d8
Concen: 71.567 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

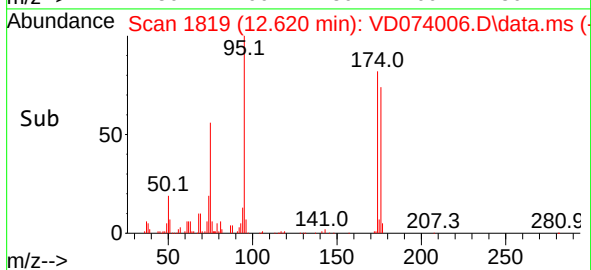
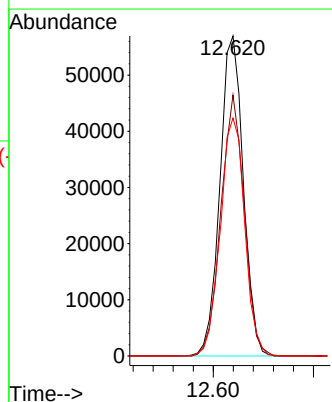
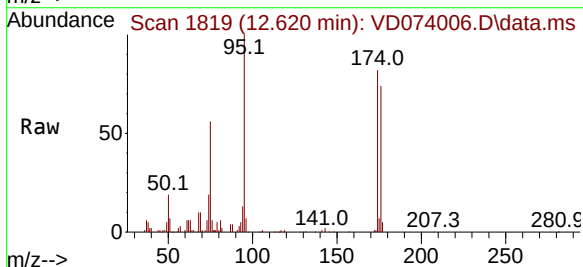
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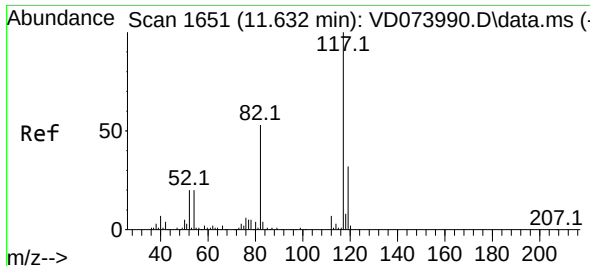
Tgt Ion: 98 Resp: 262509
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.460 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion: 95 Resp: 92159
Ion Ratio Lower Upper
95 100
174 81.2 0.0 162.6
176 77.5 0.0 160.0

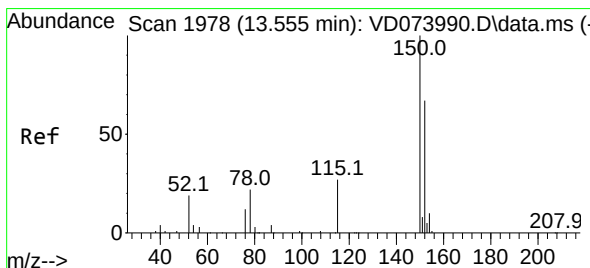
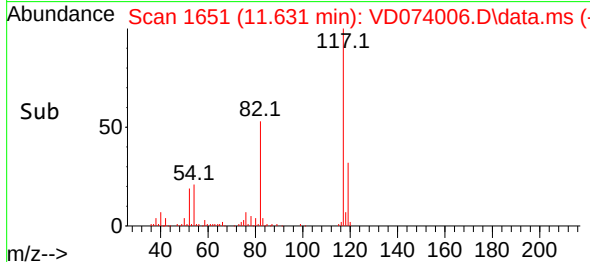
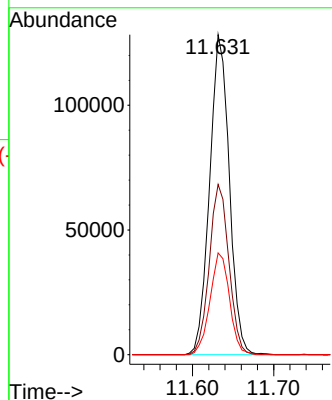
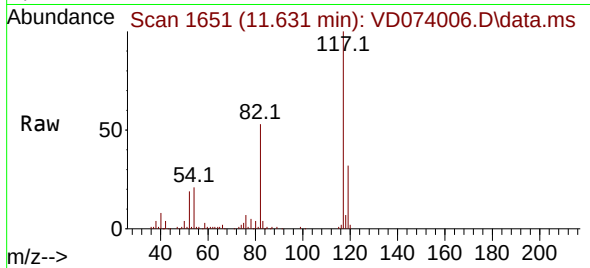




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 215954
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.005 min
Lab File: VD074006.D
Acq: 10 Aug 2022 00:26

Tgt Ion:152 Resp: 98301
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.8
150 159.8 0.0 342.8

