

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074005.D
 Acq On : 09 Aug 2022 23:56
 Operator : VA/SY
 Sample : N4046-03
 Misc : 7.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-02

Quant Time: Aug 10 01:11:24 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	7.973	168	93253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	202666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	99733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	73620	89.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.100%#	
35) Dibromofluoromethane	7.903	113	79770	64.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.860%	
50) Toluene-d8	10.326	98	257507	70.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 140.820%#	
62) 4-Bromofluorobenzene	12.620	95	93141	59.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.520%	

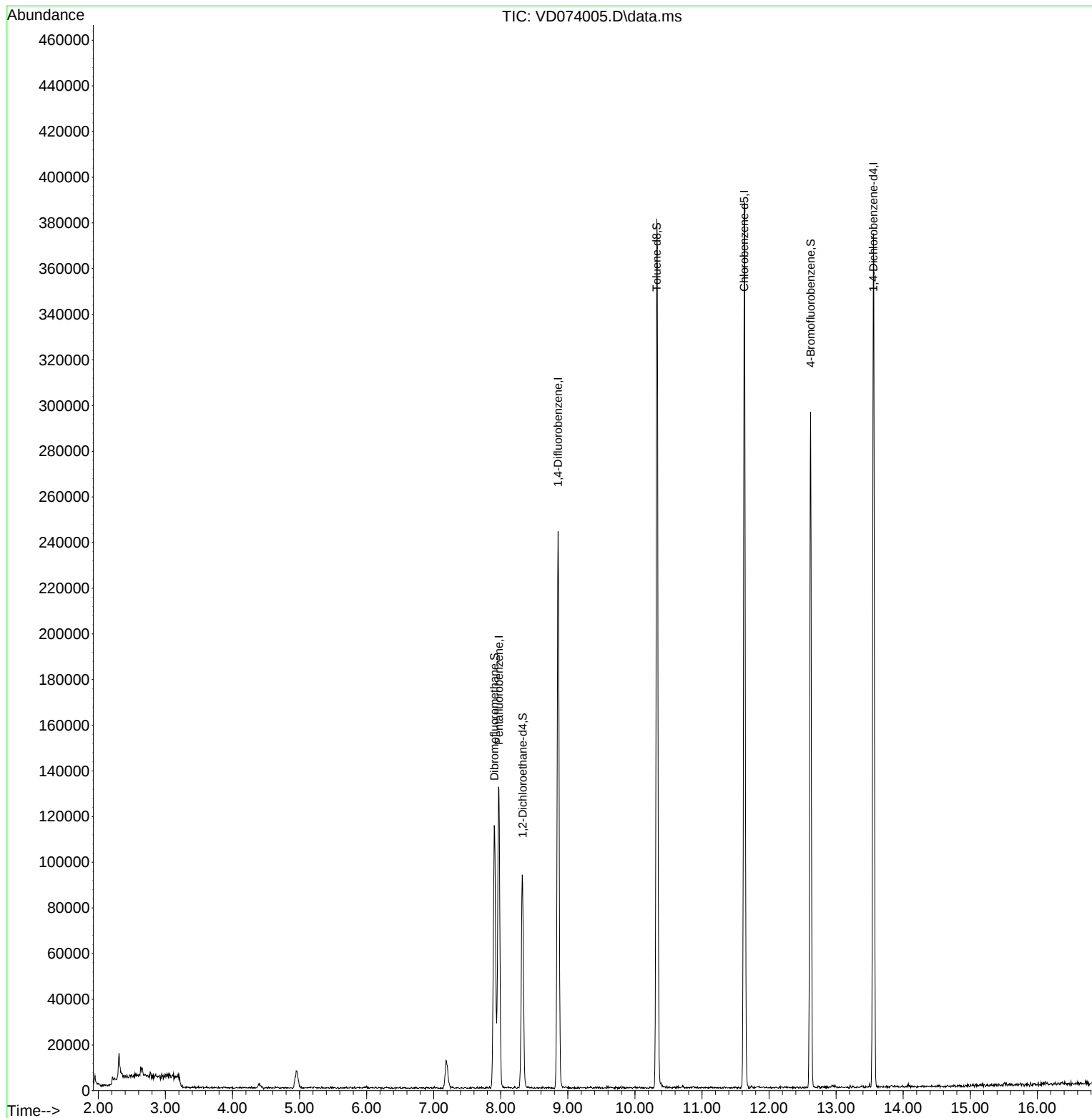
Target Compounds	Qvalue

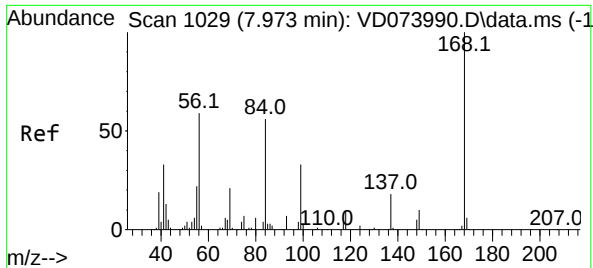
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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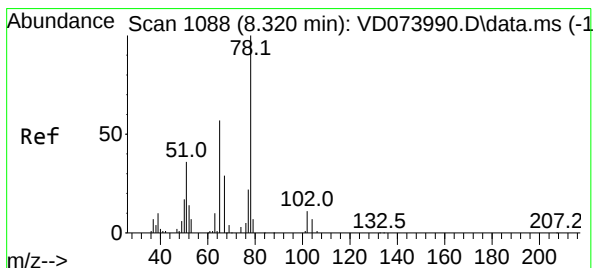
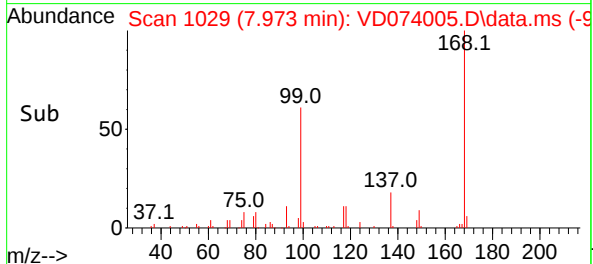
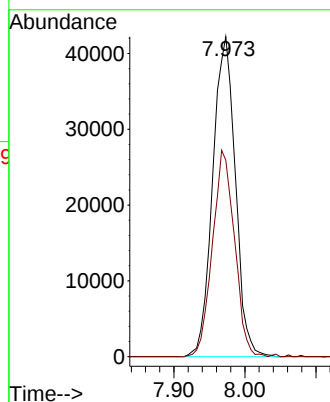
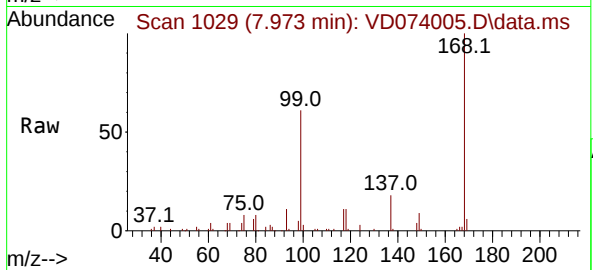




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

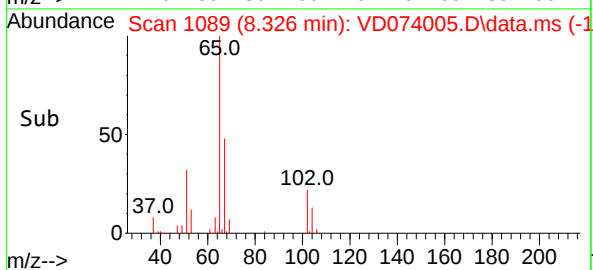
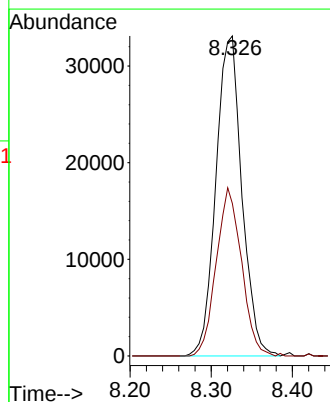
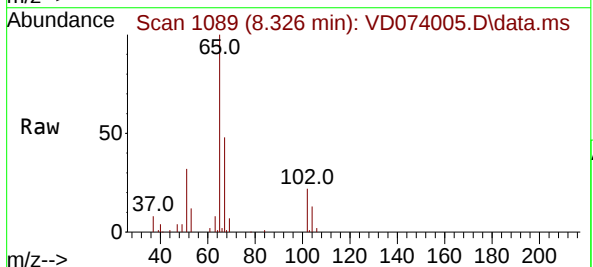
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-02

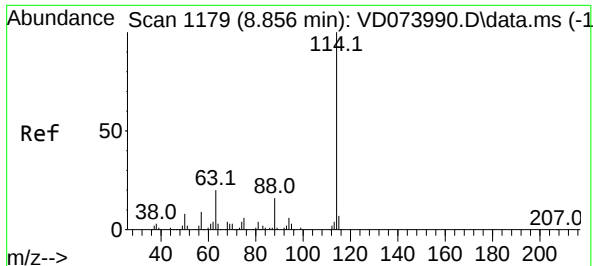
Tgt Ion:168 Resp: 93253
Ion Ratio Lower Upper
168 100
99 61.4 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 89.046 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Tgt Ion: 65 Resp: 73620
Ion Ratio Lower Upper
65 100
67 51.1 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: VD074005.D

Acq: 09 Aug 2022 23:56

Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-02

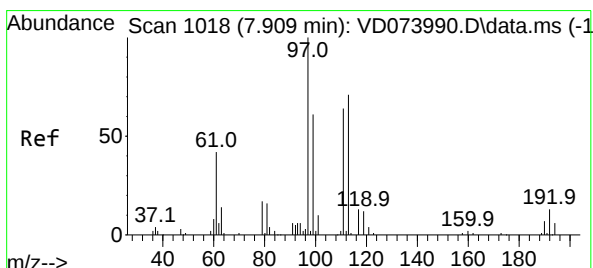
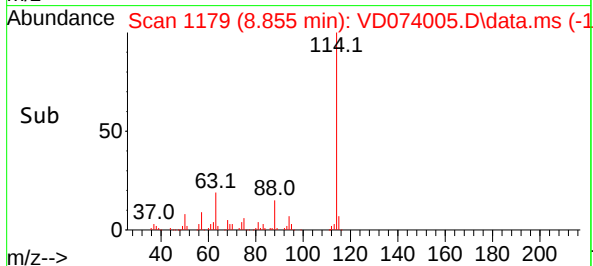
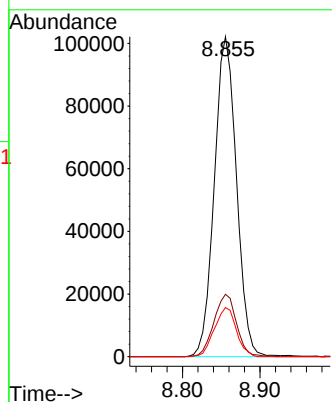
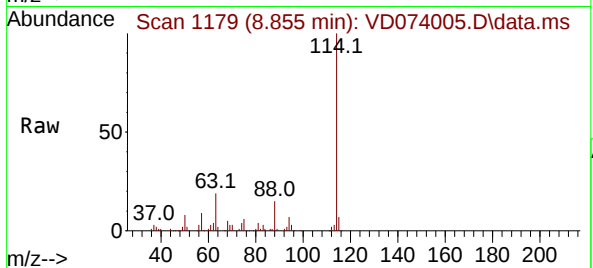
Tgt Ion:114 Resp: 202666

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 15.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 64.433 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074005.D

Acq: 09 Aug 2022 23:56

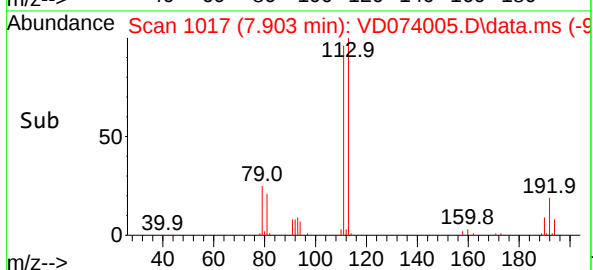
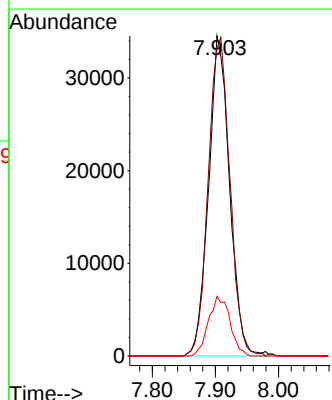
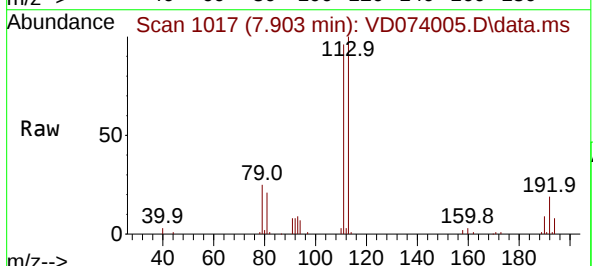
Tgt Ion:113 Resp: 79770

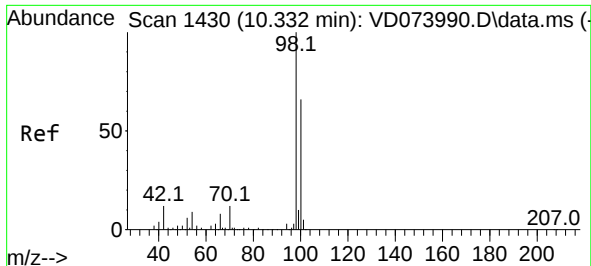
Ion Ratio Lower Upper

113 100

111 103.1 80.0 120.0

192 19.1 14.2 21.4

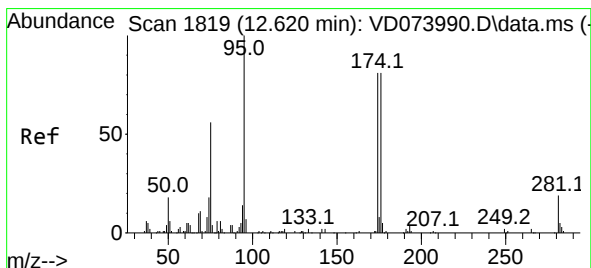
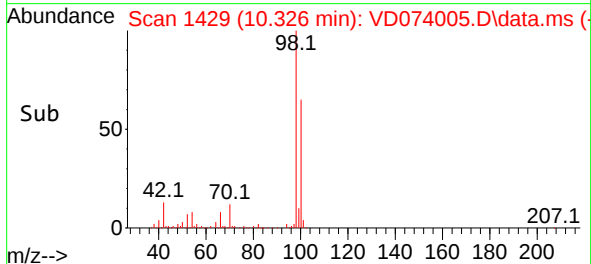
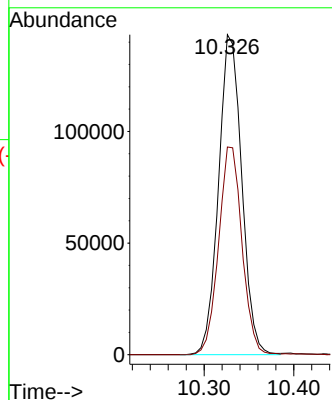
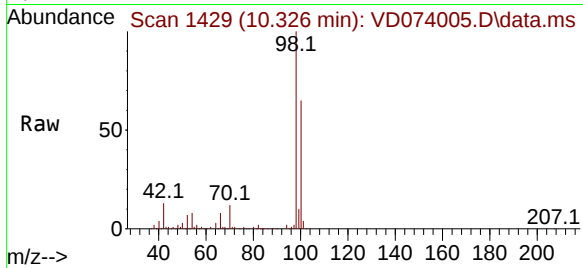




#50
Toluene-d8
Concen: 70.412 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

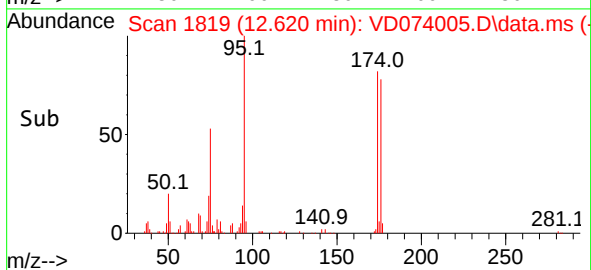
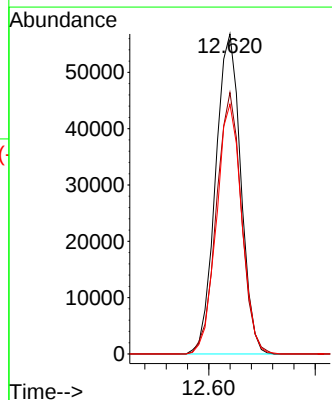
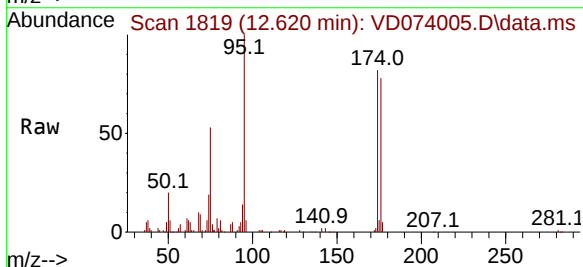
Instrument :
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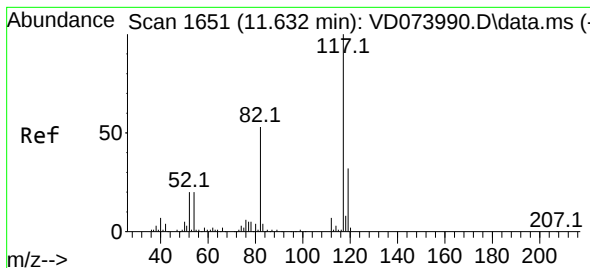
Tgt Ion: 98 Resp: 257507
Ion Ratio Lower Upper
98 100
100 65.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Tgt Ion: 95 Resp: 93141
Ion Ratio Lower Upper
95 100
174 80.8 0.0 162.6
176 78.1 0.0 160.0

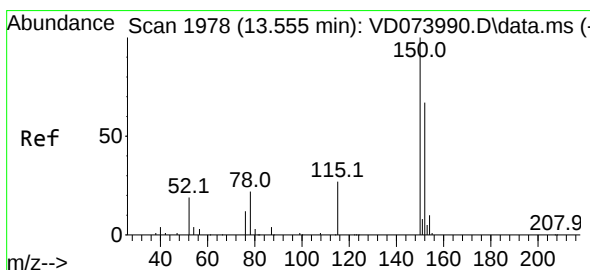
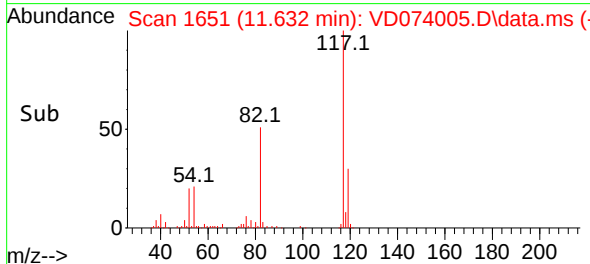
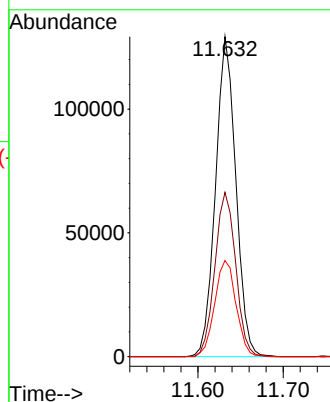
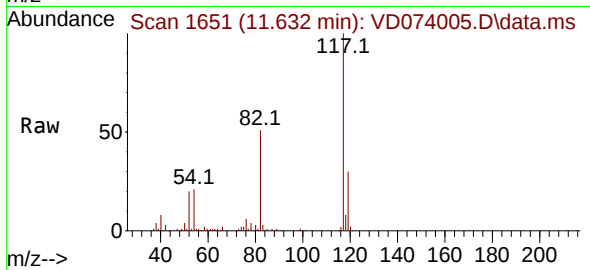




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074005.D
Acq: 09 Aug 2022 23:56

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion:117 Resp: 213953
Ion Ratio Lower Upper
117 100
82 51.4 42.7 64.1
119 30.0 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: VD074005.D
Acq: 09 Aug 2022 23:56

Tgt Ion:152 Resp: 99733
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.8
150 156.1 0.0 342.8

