

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074012.D
 Acq On : 10 Aug 2022 03:23
 Operator : VA/SY
 Sample : N4046-17
 Misc : 7.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-09

Quant Time: Aug 10 04:49:04 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	81823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	185148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	201582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68839	94.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	189.780%#
35) Dibromofluoromethane	7.902	113	74257	65.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.300%
50) Toluene-d8	10.332	98	243550	72.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	145.800%#
62) 4-Bromofluorobenzene	12.620	95	88034	61.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.620%

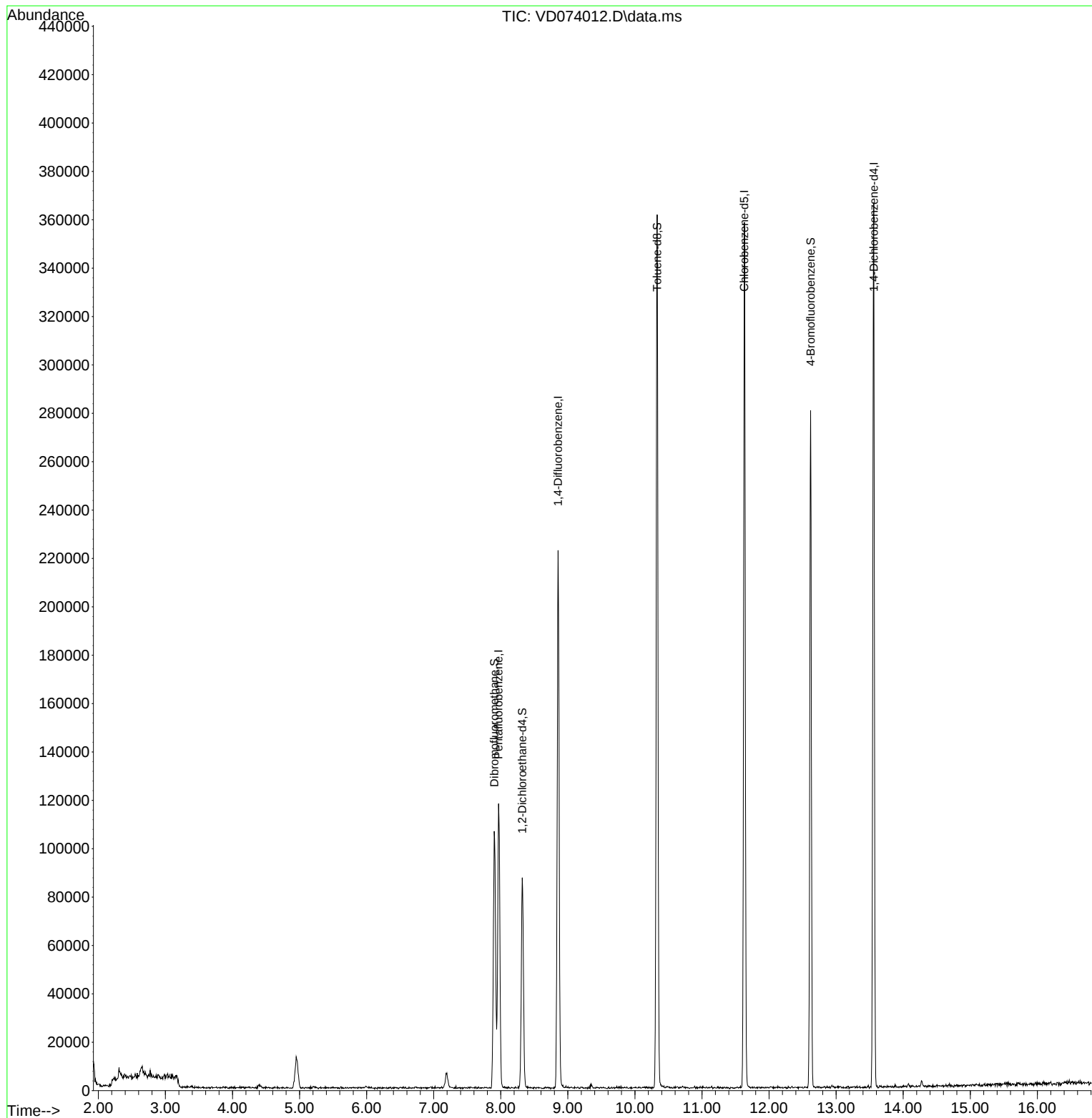
Target Compounds	Qvalue

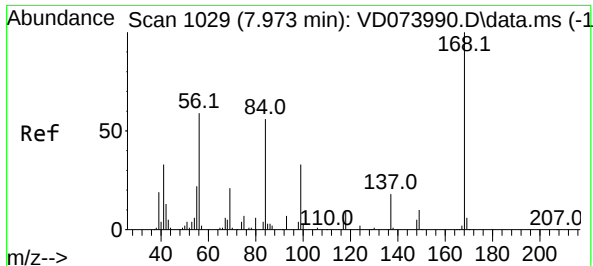
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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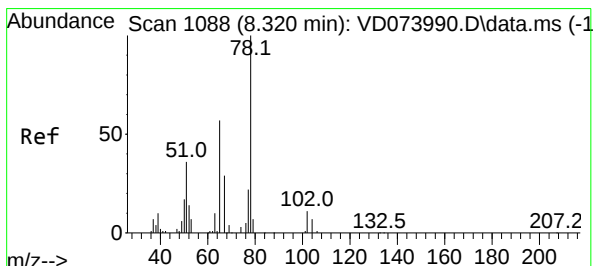
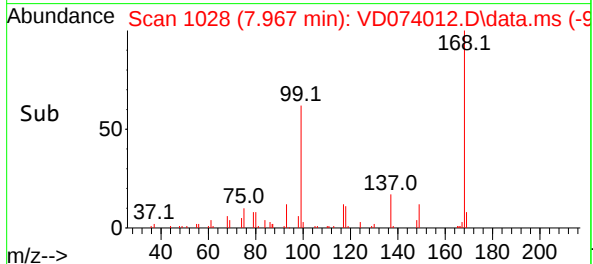
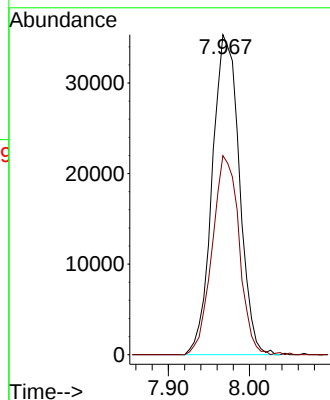
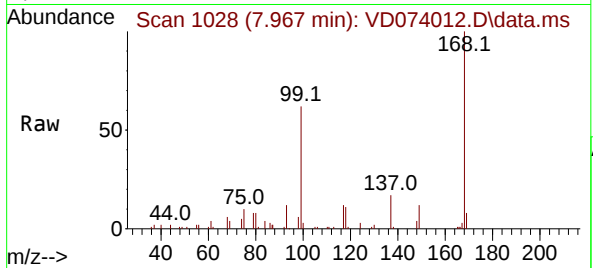




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

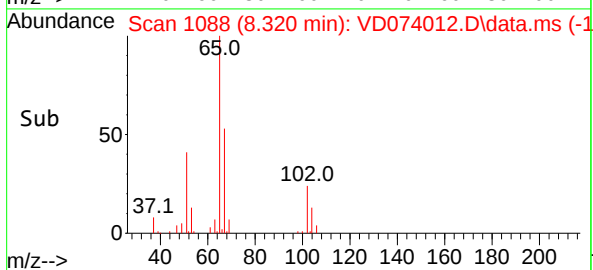
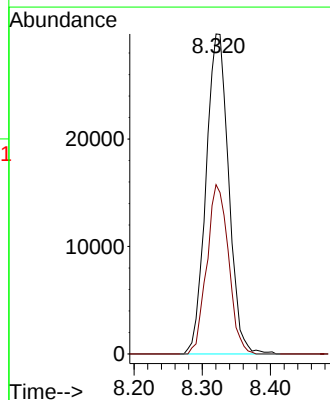
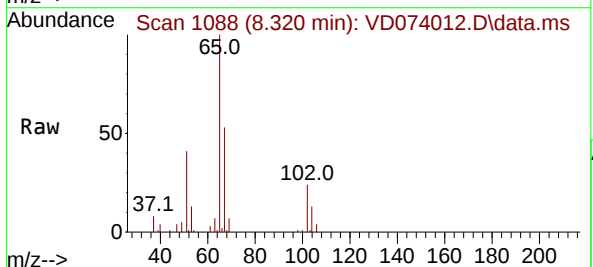
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-09

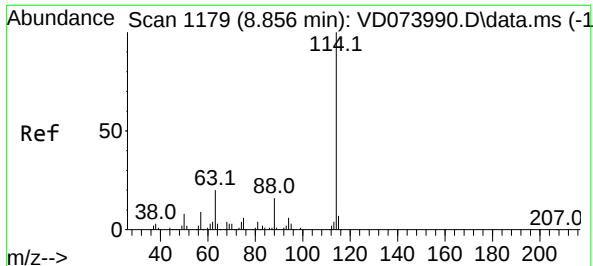
Tgt Ion:168 Resp: 81823
Ion Ratio Lower Upper
168 100
99 62.2 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 94.894 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion: 65 Resp: 68839
Ion Ratio Lower Upper
65 100
67 50.6 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: VD074012.D

Acq: 10 Aug 2022 03:23

Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-09

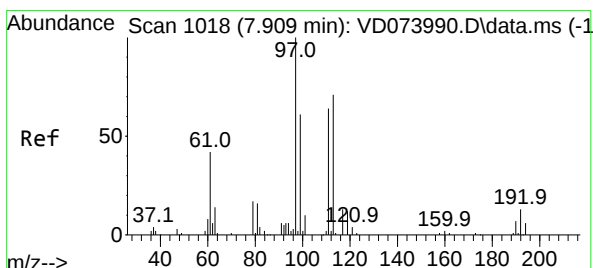
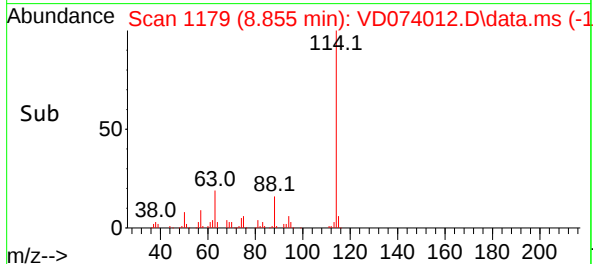
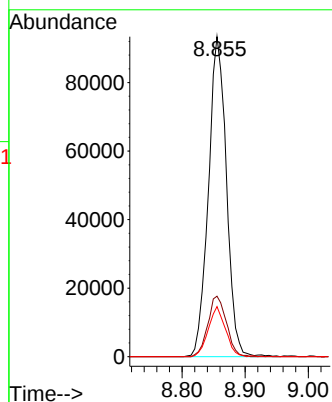
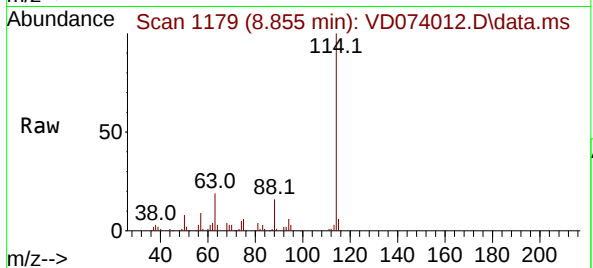
Tgt Ion:114 Resp: 185148

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

88 15.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 65.655 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.007 min

Lab File: VD074012.D

Acq: 10 Aug 2022 03:23

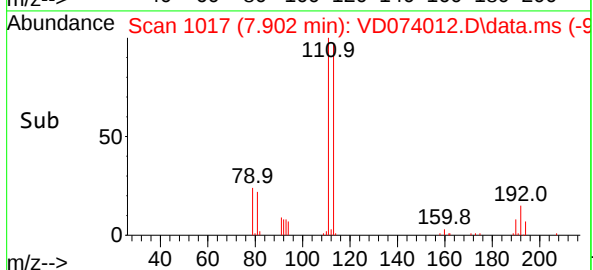
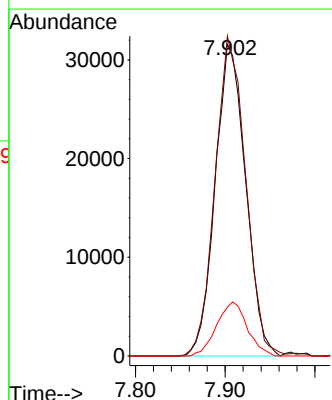
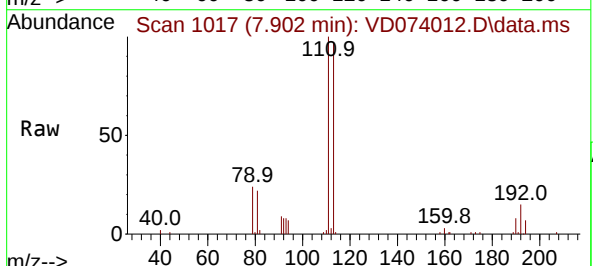
Tgt Ion:113 Resp: 74257

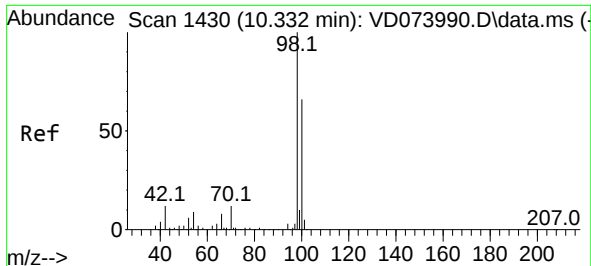
Ion Ratio Lower Upper

113 100

111 103.0 80.0 120.0

192 17.5 14.2 21.4

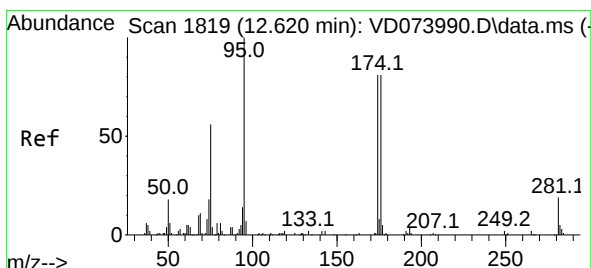
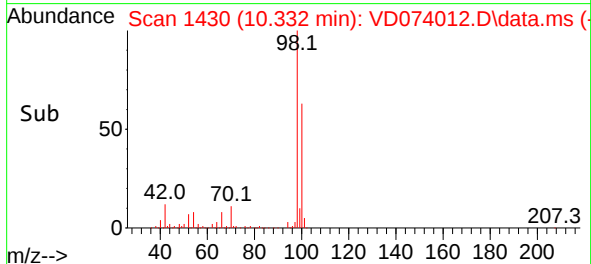
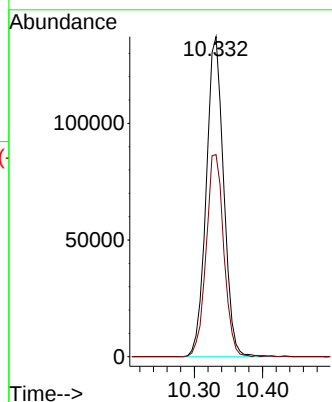
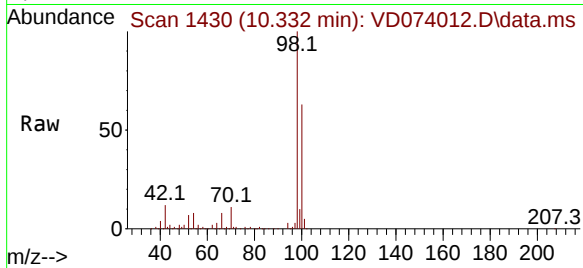




#50
Toluene-d8
Concen: 72.896 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

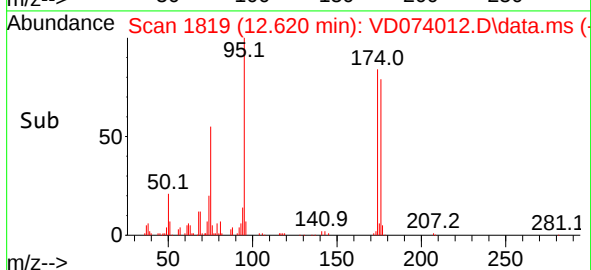
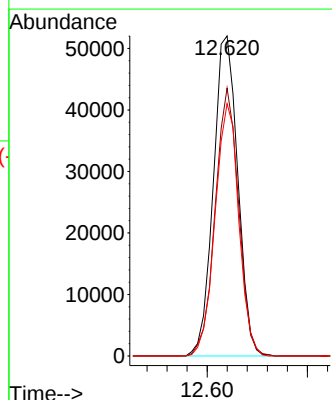
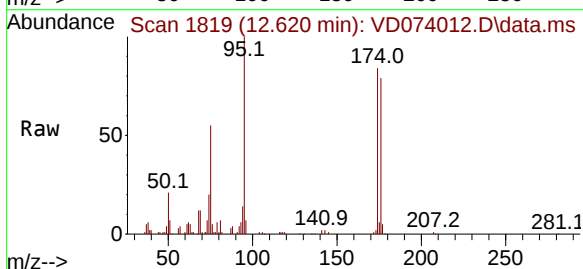
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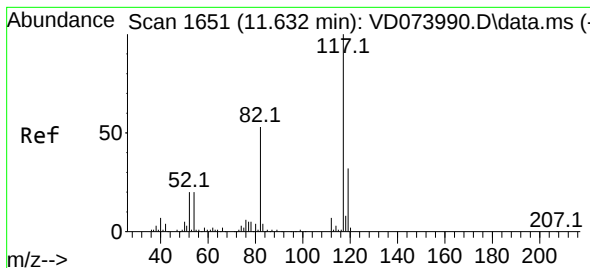
Tgt Ion: 98 Resp: 243550
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 61.309 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion: 95 Resp: 88034
Ion Ratio Lower Upper
95 100
174 80.2 0.0 162.6
176 76.4 0.0 160.0

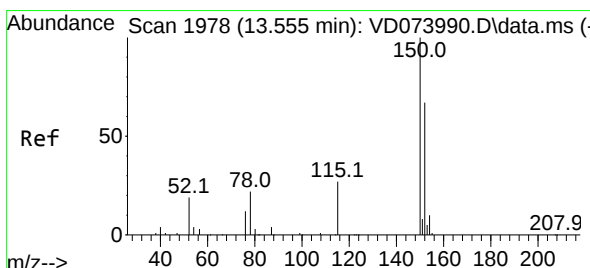
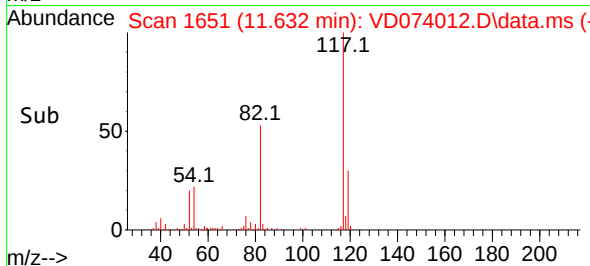
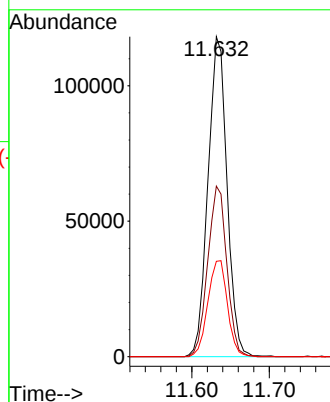
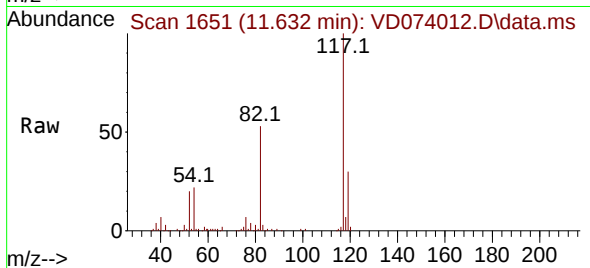




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-09

Tgt Ion:117 Resp: 201582
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 29.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion:152 Resp: 92642
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.8
150 160.1 0.0 342.8

