

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074007.D
 Acq On : 10 Aug 2022 00:56
 Operator : VA/SY
 Sample : N4046-07
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-04

Quant Time: Aug 10 01:25:36 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	90803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	204248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	214352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	74296	92.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.580%#
35) Dibromofluoromethane	7.909	113	81009	64.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.860%
50) Toluene-d8	10.332	98	260056	70.558	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	141.120%#
62) 4-Bromofluorobenzene	12.620	95	90996	57.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.900%

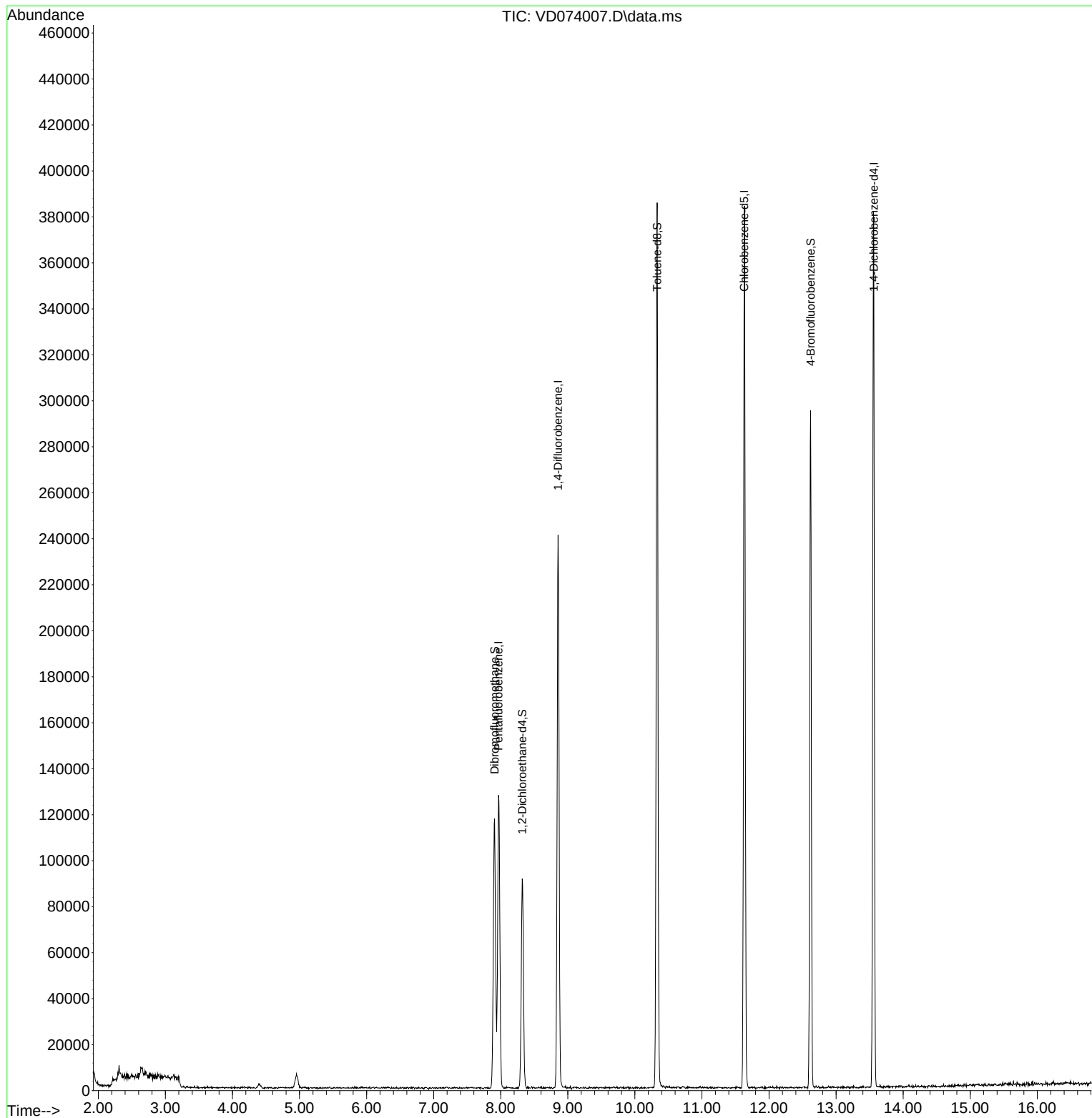
Target Compounds	Qvalue

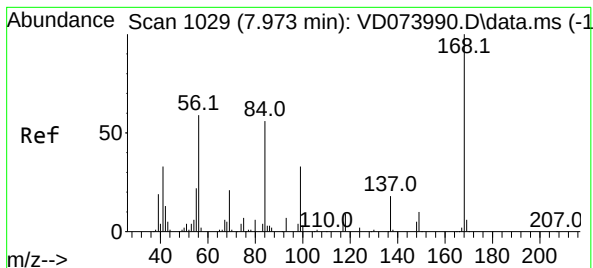
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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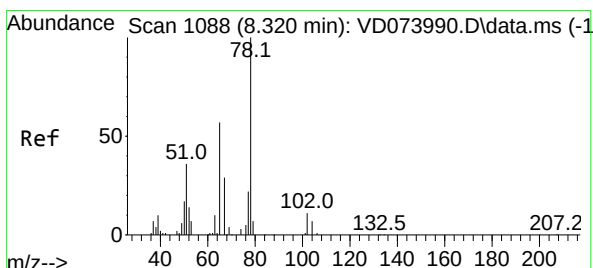
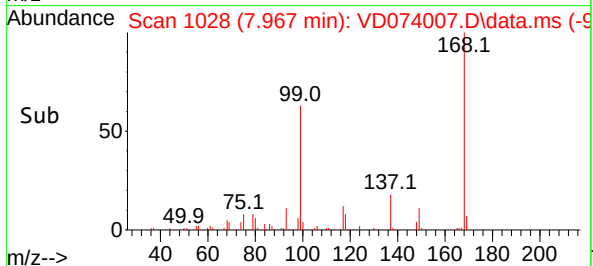
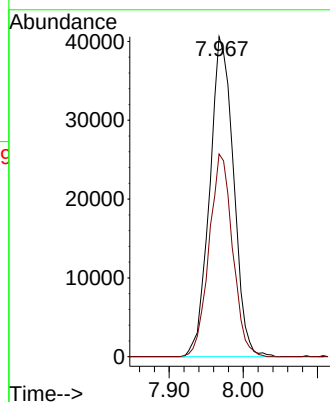
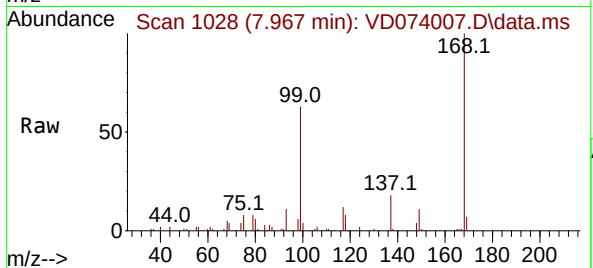




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

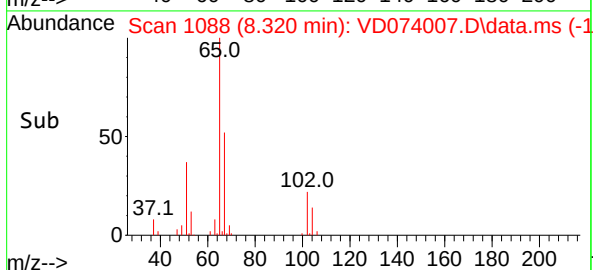
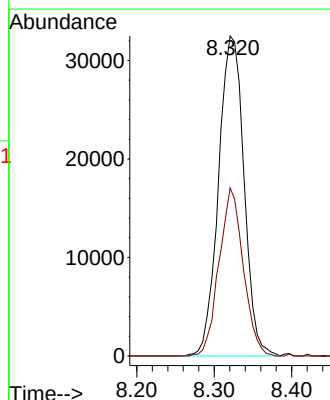
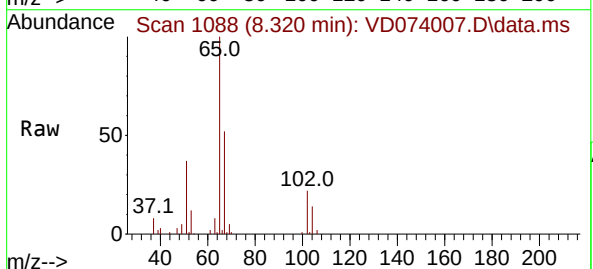
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-04

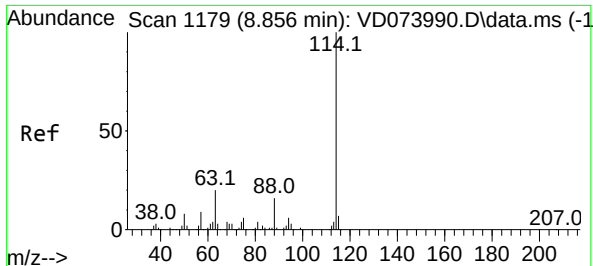
Tgt Ion:168 Resp: 90803
Ion Ratio Lower Upper
168 100
99 63.3 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 92.288 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Tgt Ion: 65 Resp: 74296
Ion Ratio Lower Upper
65 100
67 49.8 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074007.D

Acq: 10 Aug 2022 00:56

Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-04

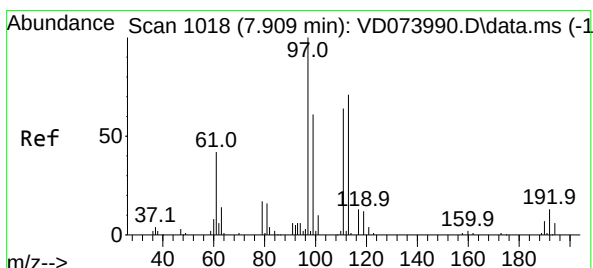
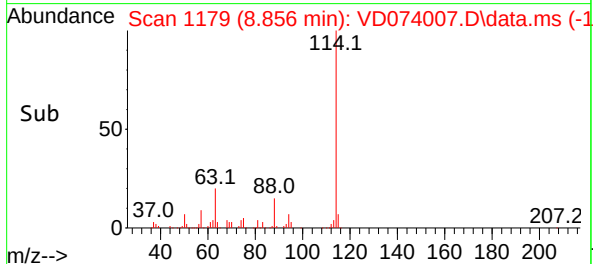
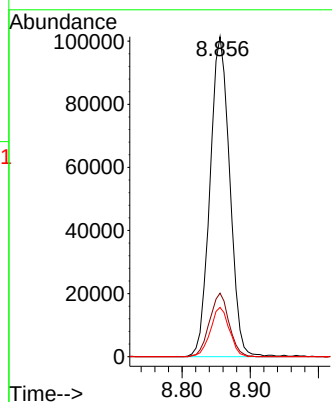
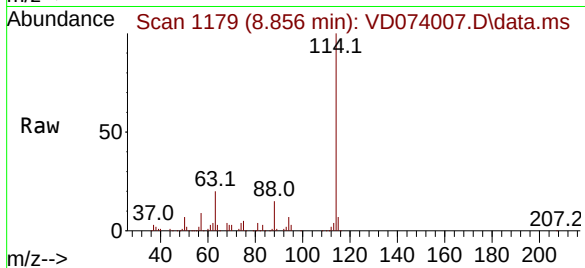
Tgt Ion:114 Resp: 204248

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 64.927 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD074007.D

Acq: 10 Aug 2022 00:56

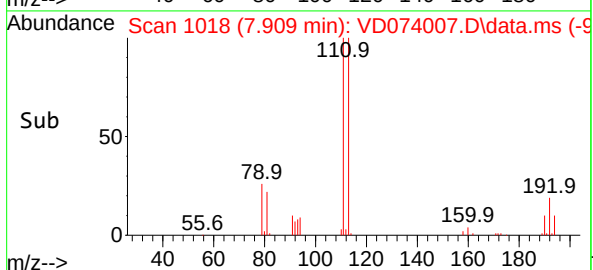
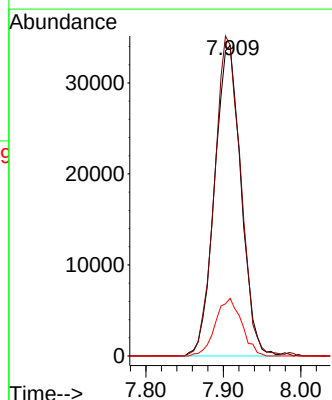
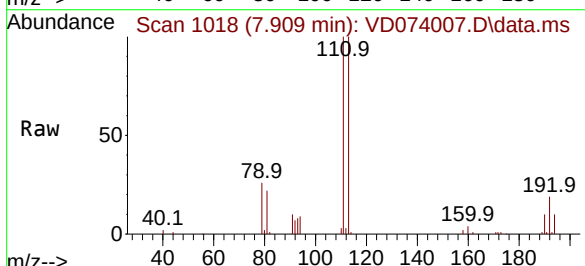
Tgt Ion:113 Resp: 81009

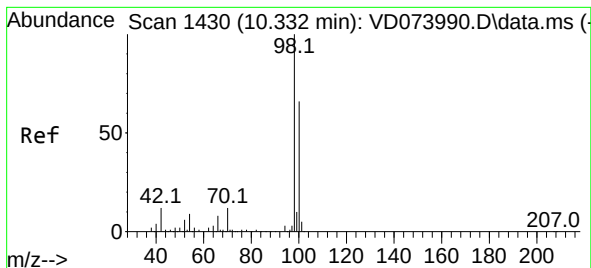
Ion Ratio Lower Upper

113 100

111 102.1 80.0 120.0

192 18.4 14.2 21.4

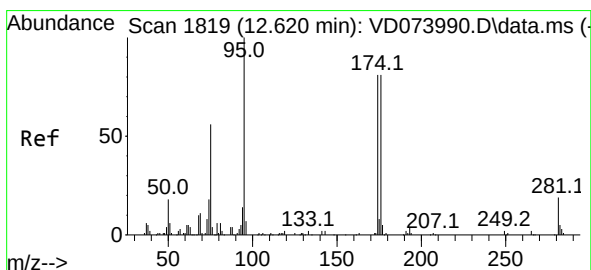
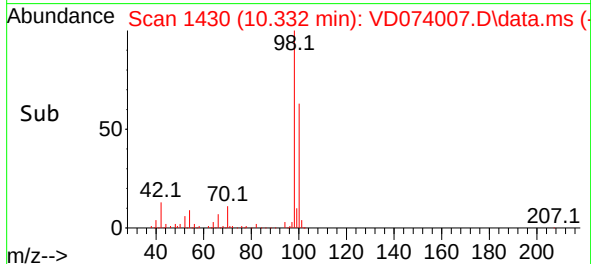
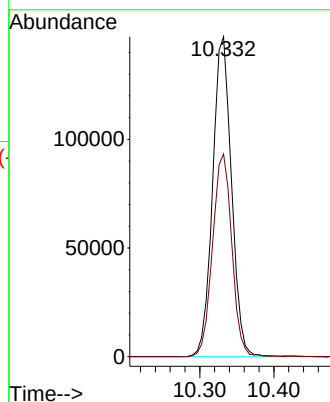
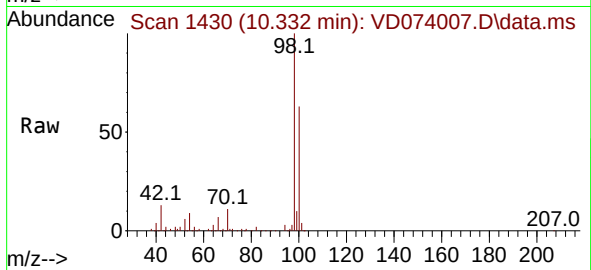




#50
Toluene-d8
Concen: 70.558 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

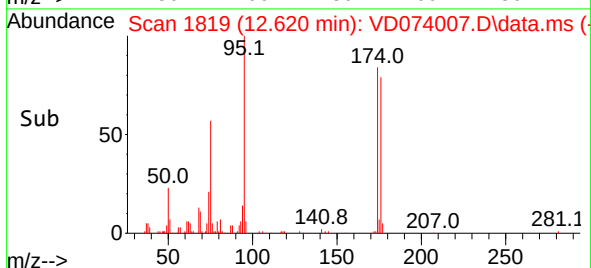
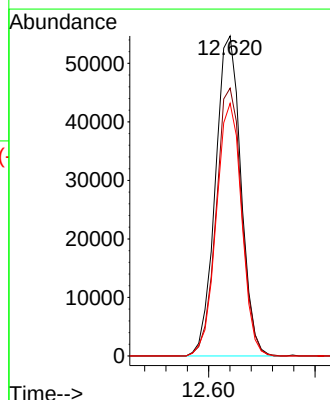
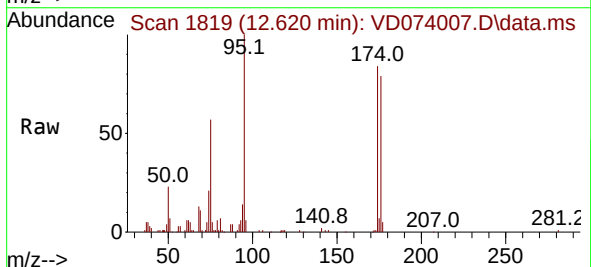
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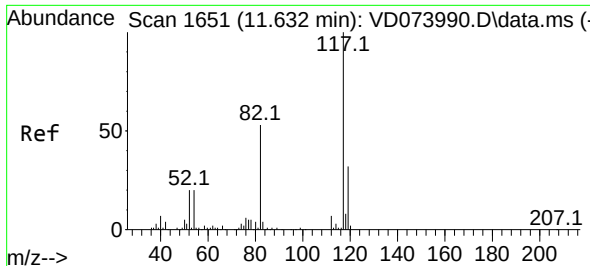
Tgt Ion: 98 Resp: 260056
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.446 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Tgt Ion: 95 Resp: 90996
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.6
176 78.2 0.0 160.0

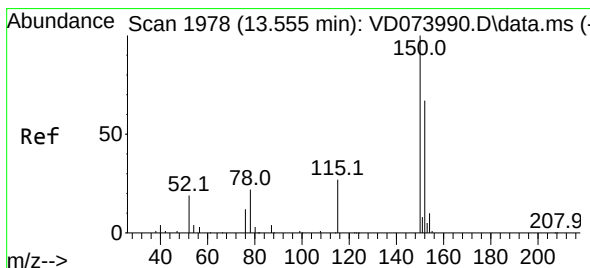
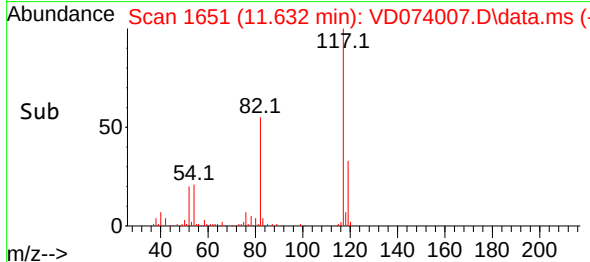
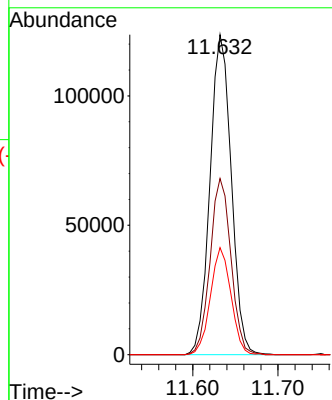
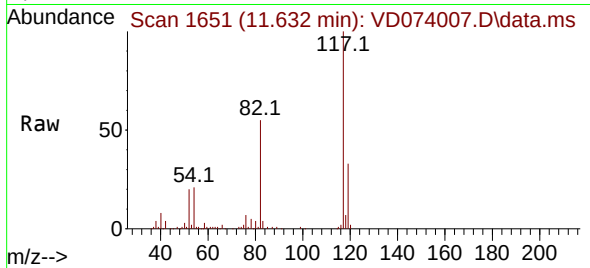




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-04

Tgt Ion:117 Resp: 214352
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 33.5 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: VD074007.D
Acq: 10 Aug 2022 00:56

Tgt Ion:152 Resp: 98653
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.8
150 159.4 0.0 342.8

