

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074014.D
 Acq On : 10 Aug 2022 04:22
 Operator : VA/SY
 Sample : N4046-21
 Misc : 6.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

Quant Time: Aug 10 04:49:22 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)

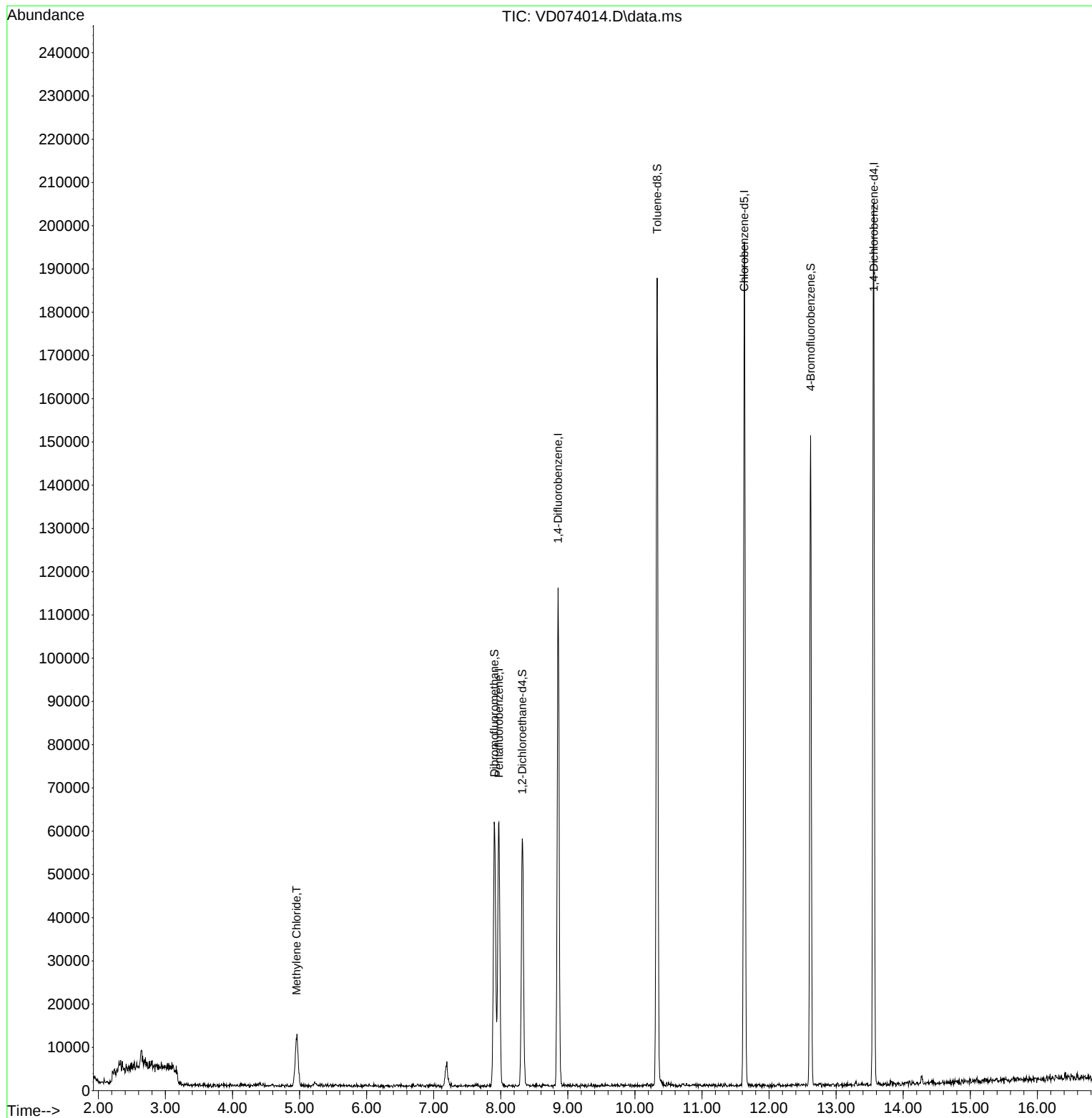
Internal Standards						
1) Pentafluorobenzene	7.973	168	44037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	96937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	108226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	52683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	45848	117.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 234.860%#	
35) Dibromofluoromethane	7.903	113	43344	73.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 146.400%	
50) Toluene-d8	10.332	98	127619	72.956	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 145.920%#	
62) 4-Bromofluorobenzene	12.620	95	47056	62.592	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.180%	
Target Compounds						
20) Methylene Chloride	4.956	84	9068	12.223	ug/l	Qvalue 95

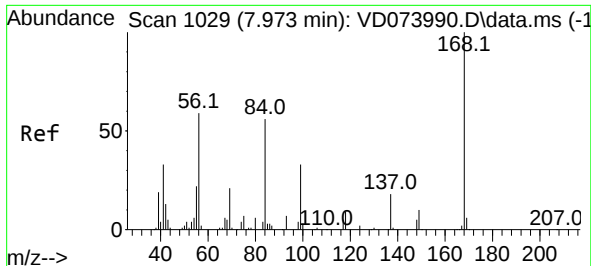
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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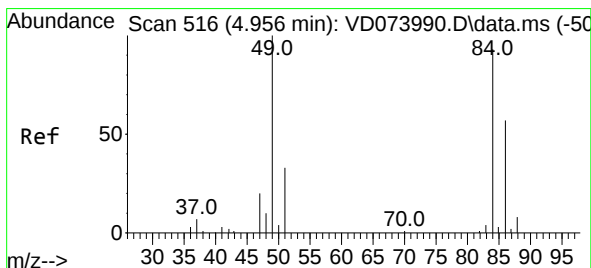
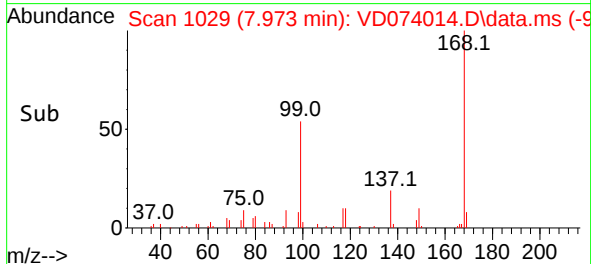
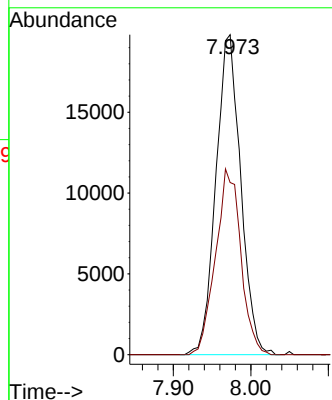
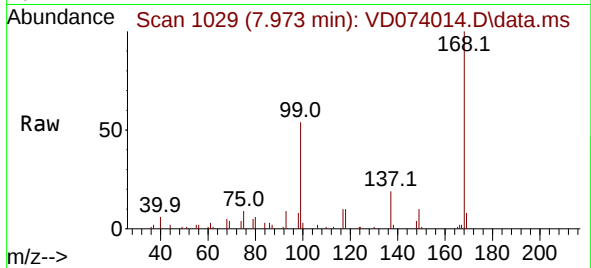




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074014.D
Acq: 10 Aug 2022 04:22

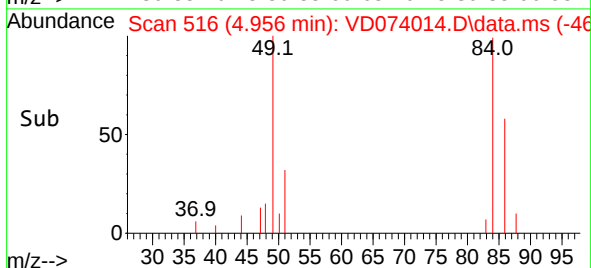
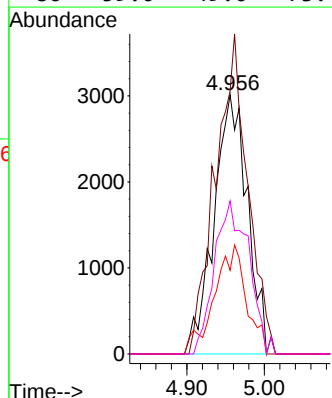
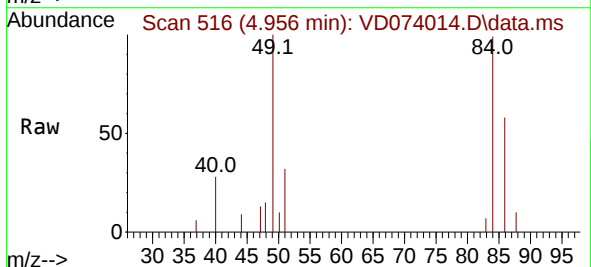
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-11

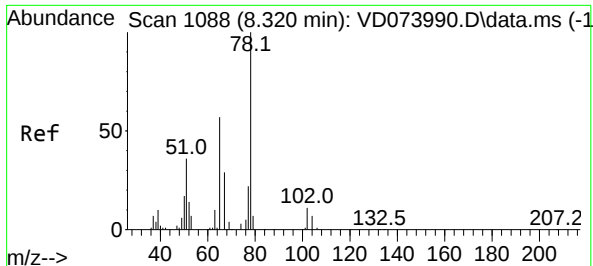
Tgt Ion:168 Resp: 44037
Ion Ratio Lower Upper
168 100
99 53.8 48.3 72.5



#20
Methylene Chloride
Concen: 12.223 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD074014.D
Acq: 10 Aug 2022 04:22

Tgt Ion: 84 Resp: 9068
Ion Ratio Lower Upper
84 100
49 101.5 85.8 128.6
51 32.3 28.0 42.0
86 59.0 49.0 73.4





#33

1,2-Dichloroethane-d4

Concen: 117.431 ug/l

RT: 8.320 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074014.D

Acq: 10 Aug 2022 04:22

Instrument :

MSVOA_D

ClientSampleId :

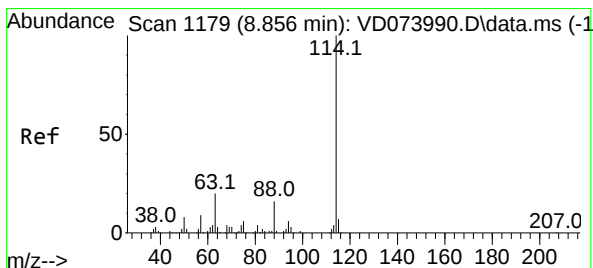
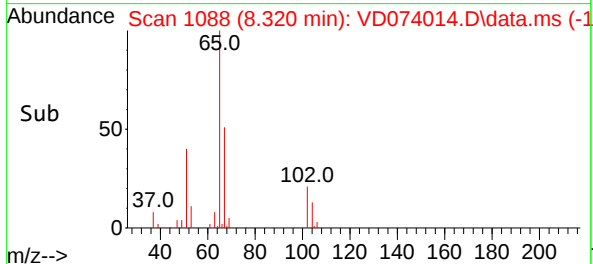
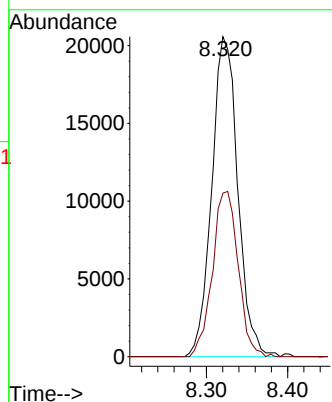
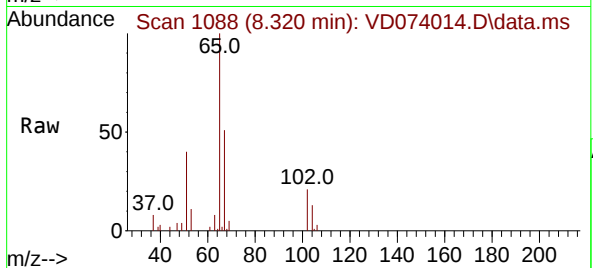
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Tgt Ion: 65 Resp: 45848

Ion Ratio Lower Upper

65 100

67 51.2 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: VD074014.D

Acq: 10 Aug 2022 04:22

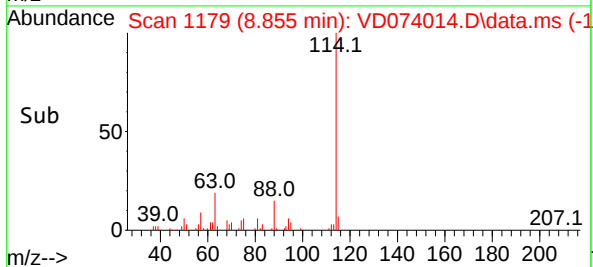
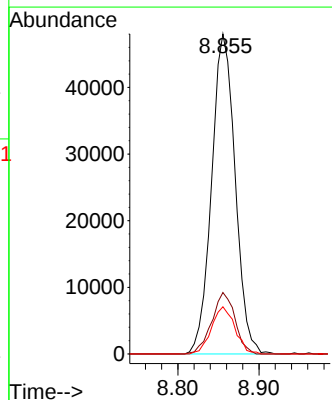
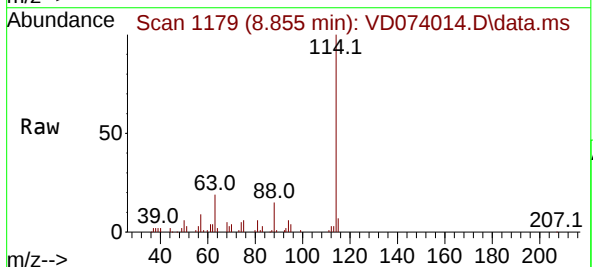
Tgt Ion: 114 Resp: 96937

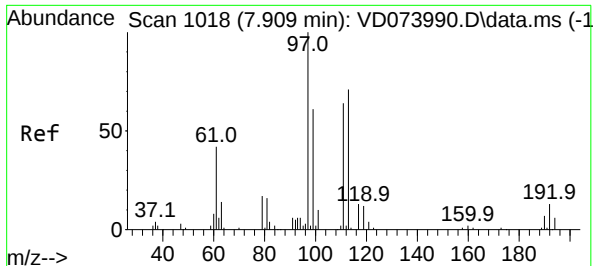
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

88 14.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 73.196 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD074014.D

Acq: 10 Aug 2022 04:22

Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-11

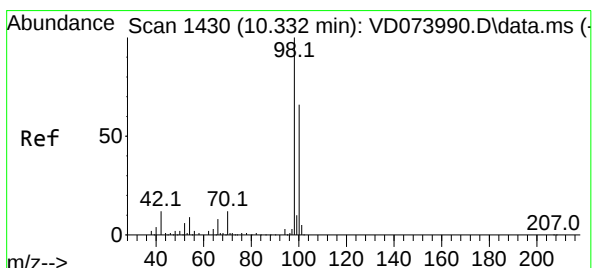
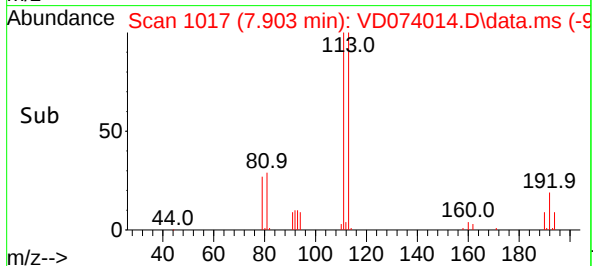
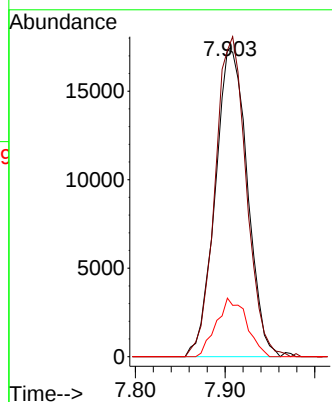
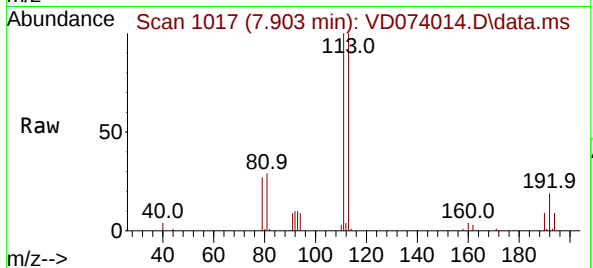
Tgt Ion:113 Resp: 43344

Ion Ratio Lower Upper

113 100

111 100.9 80.0 120.0

192 17.9 14.2 21.4



#50

Toluene-d8

Concen: 72.956 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074014.D

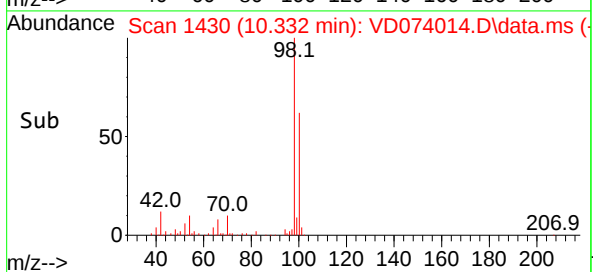
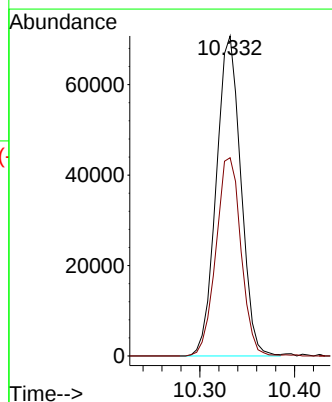
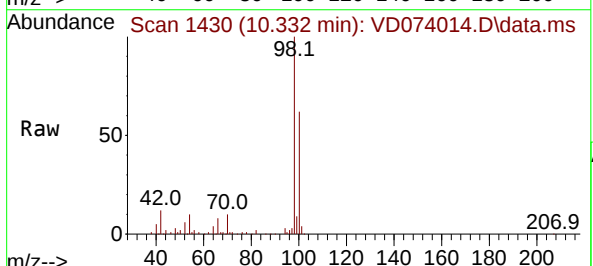
Acq: 10 Aug 2022 04:22

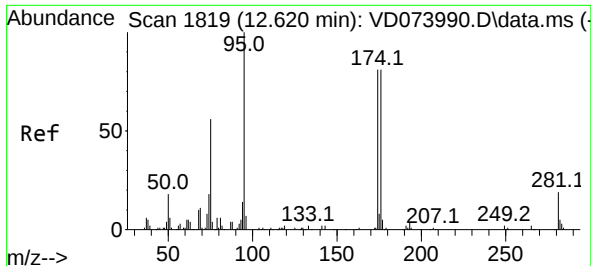
Tgt Ion: 98 Resp: 127619

Ion Ratio Lower Upper

98 100

100 63.1 51.3 76.9

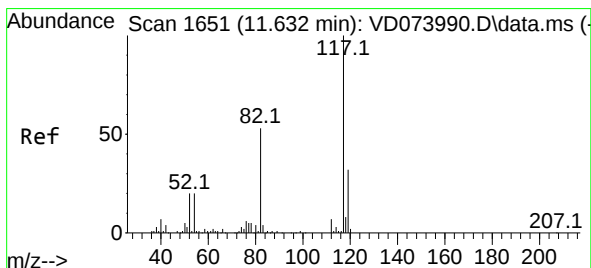
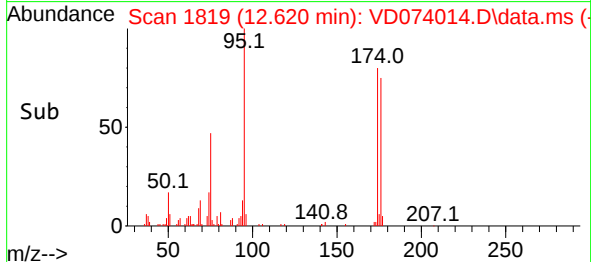
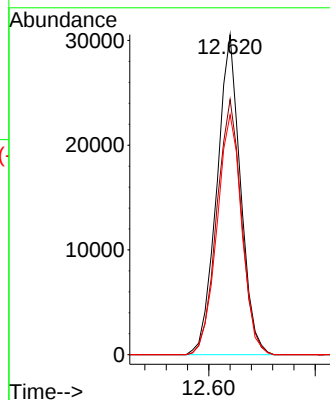
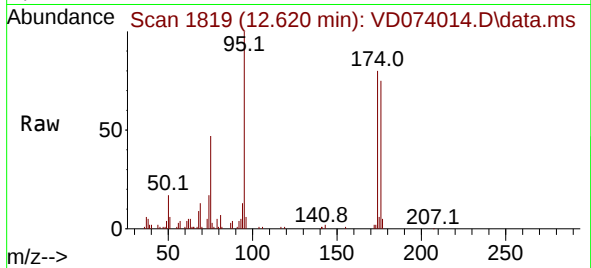




#62
4-Bromofluorobenzene
Concen: 62.592 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074014.D
Acq: 10 Aug 2022 04:22

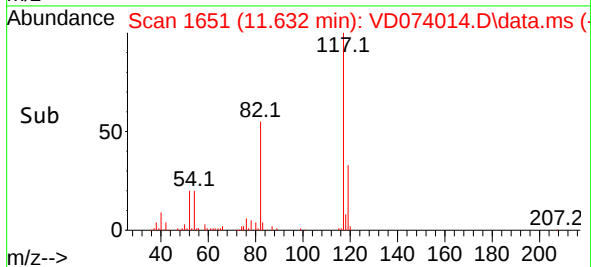
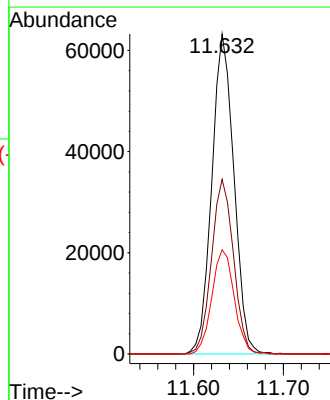
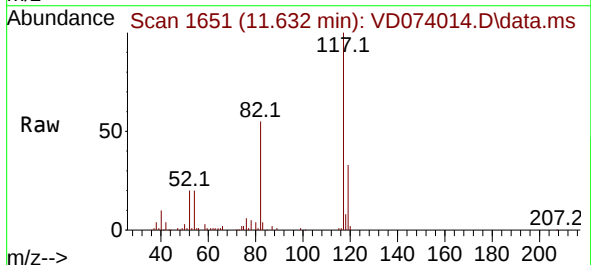
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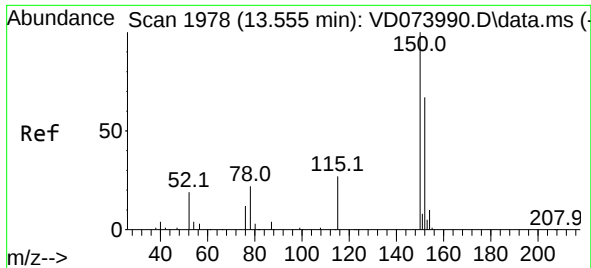
Tgt Ion: 95 Resp: 47056
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.6
176 78.6 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074014.D
Acq: 10 Aug 2022 04:22

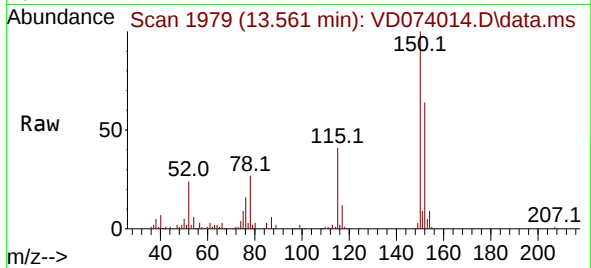
Tgt Ion: 117 Resp: 108226
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 32.6 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074014.D
 Acq: 10 Aug 2022 04:22

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-11



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.9	89.8
150	157.3	0.0	342.8

