

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074008.D
 Acq On : 10 Aug 2022 01:25
 Operator : VA/SY
 Sample : N4046-09
 Misc : 7.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-05

Quant Time: Aug 10 04:48:17 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)

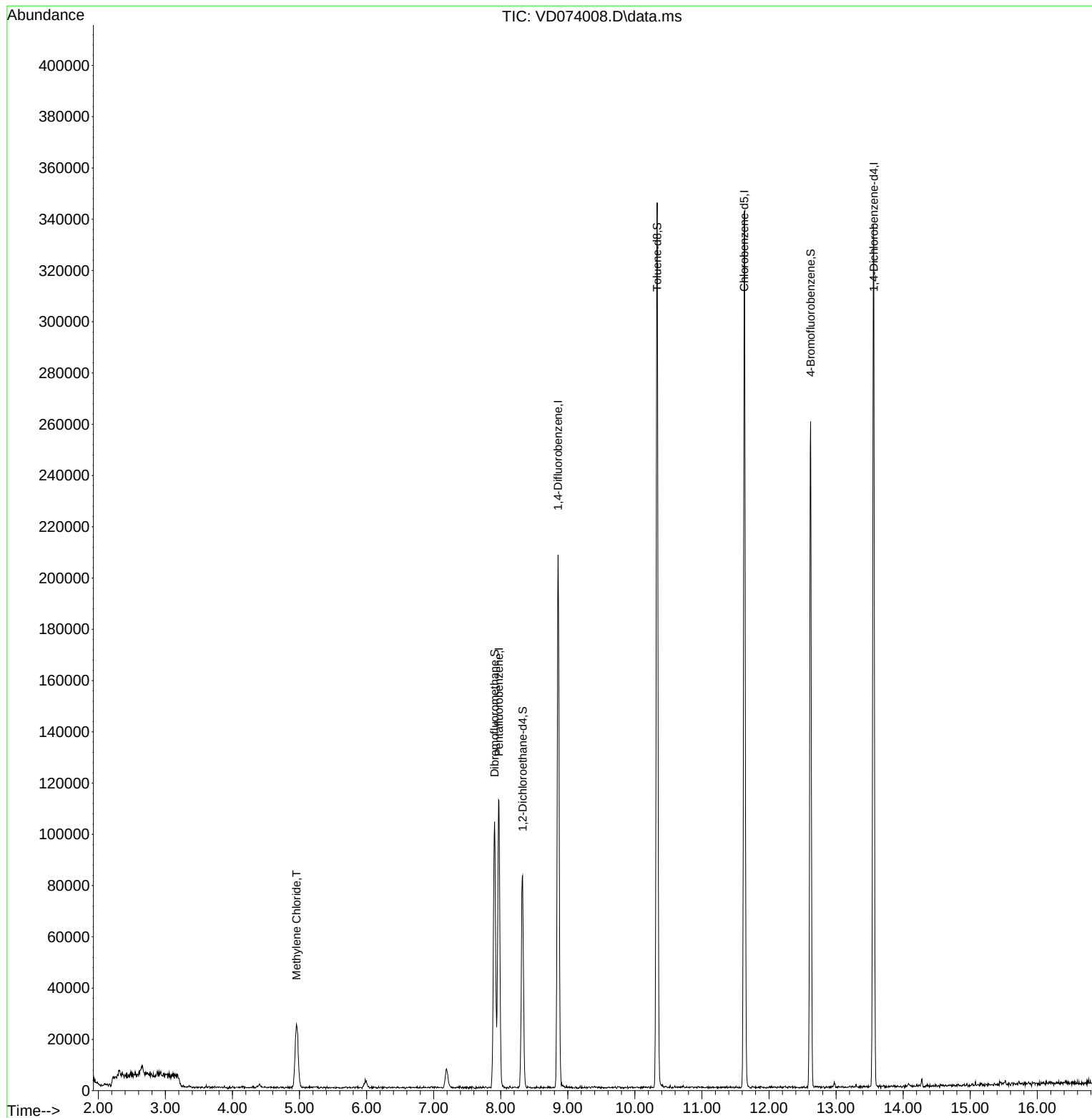
Internal Standards						
1) Pentafluorobenzene	7.973	168	78146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	178697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	190307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	89483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	67291	97.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 194.260%#	
35) Dibromofluoromethane	7.909	113	70935	64.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.960%	
50) Toluene-d8	10.332	98	230956	71.622	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 143.240%#	
62) 4-Bromofluorobenzene	12.620	95	83627	60.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.956	84	20177	16.931	ug/l	90

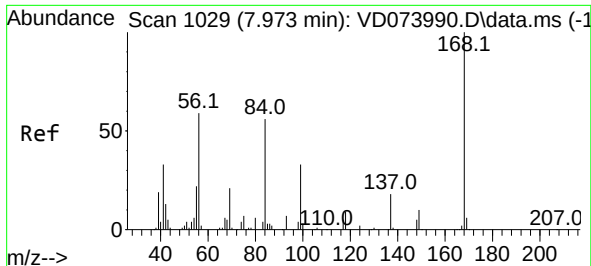
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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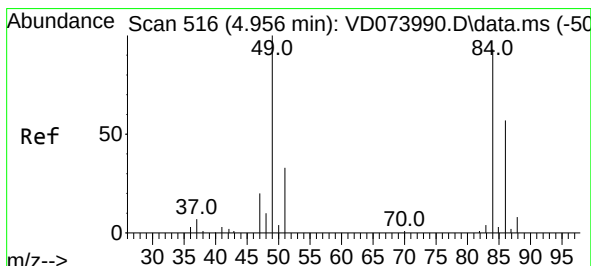
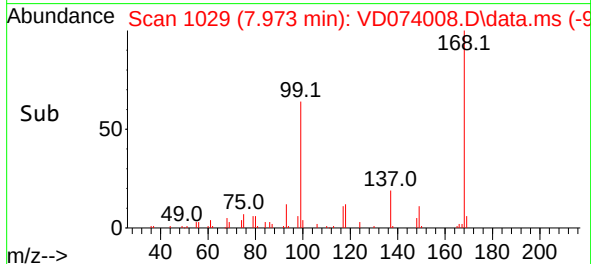
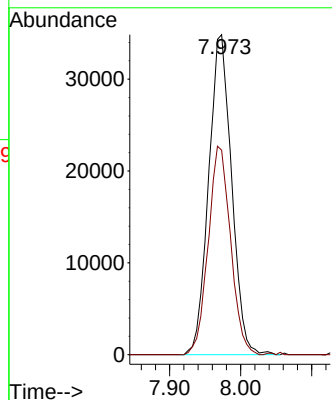
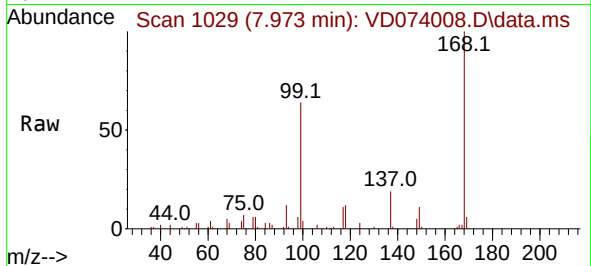




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074008.D
Acq: 10 Aug 2022 01:25

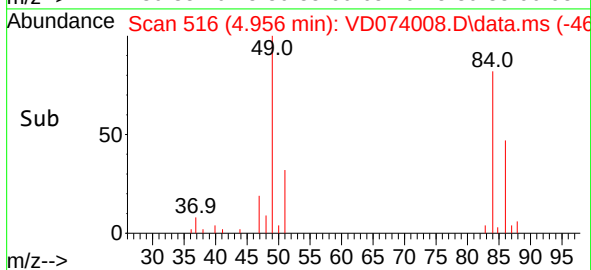
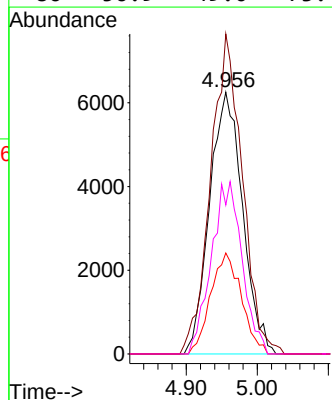
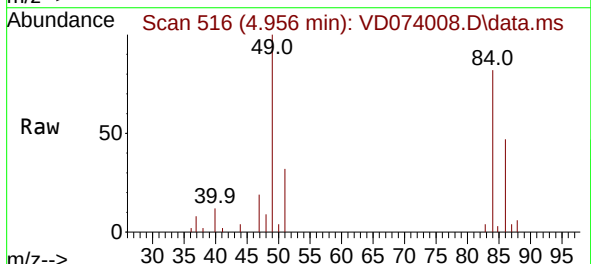
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-05

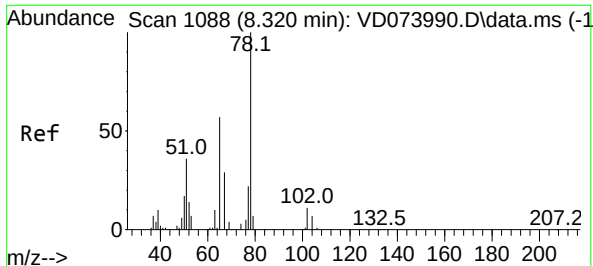
Tgt Ion:168 Resp: 78146
Ion Ratio Lower Upper
168 100
99 63.9 48.3 72.5



#20
Methylene Chloride
Concen: 16.931 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD074008.D
Acq: 10 Aug 2022 01:25

Tgt Ion: 84 Resp: 20177
Ion Ratio Lower Upper
84 100
49 122.3 85.8 128.6
51 38.6 28.0 42.0
86 56.9 49.0 73.4





#33

1,2-Dichloroethane-d4

Concen: 97.125 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD074008.D

Acq: 10 Aug 2022 01:25

Instrument :

MSVOA_D

ClientSampleId :

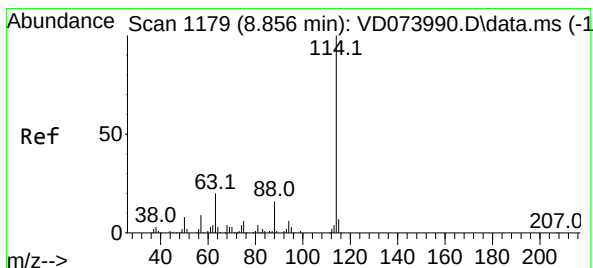
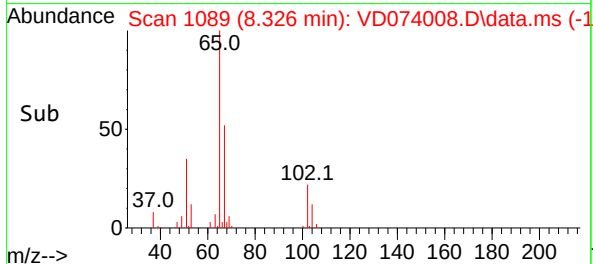
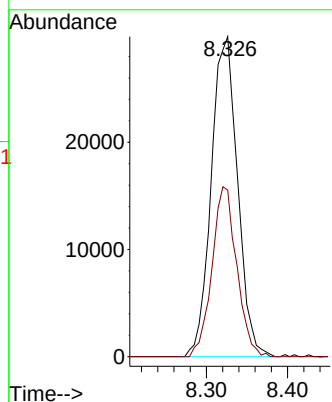
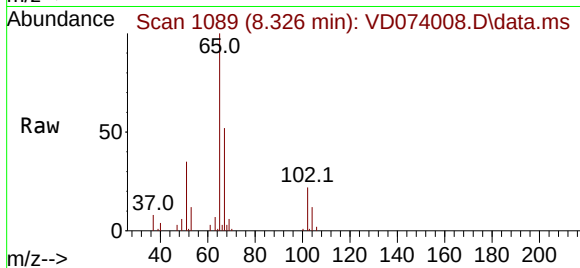
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Tgt Ion: 65 Resp: 67291

Ion Ratio Lower Upper

65 100

67 49.9 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: VD074008.D

Acq: 10 Aug 2022 01:25

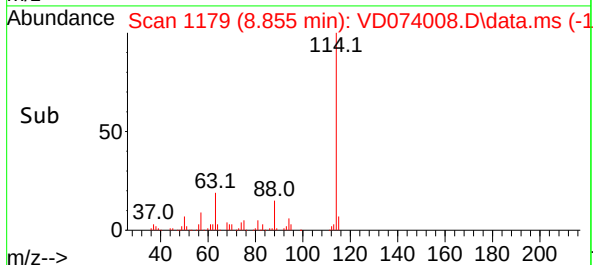
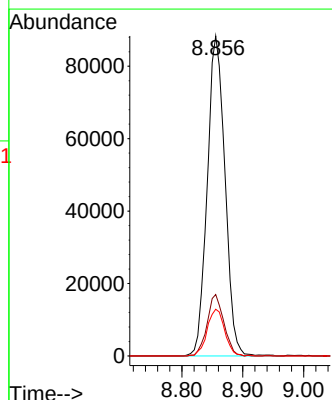
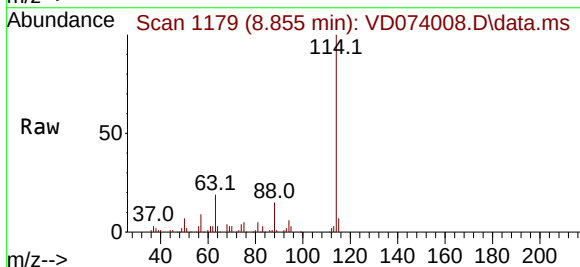
Tgt Ion: 114 Resp: 178697

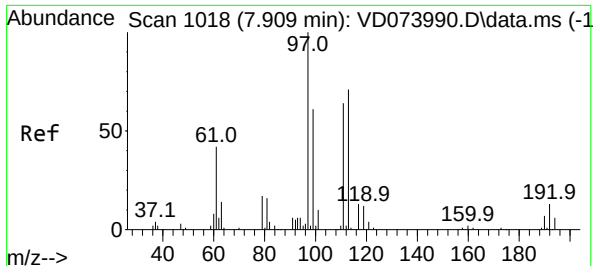
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

88 14.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 64.982 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD074008.D

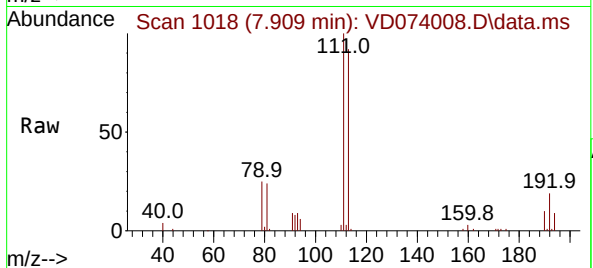
Acq: 10 Aug 2022 01:25

Instrument :

MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-05



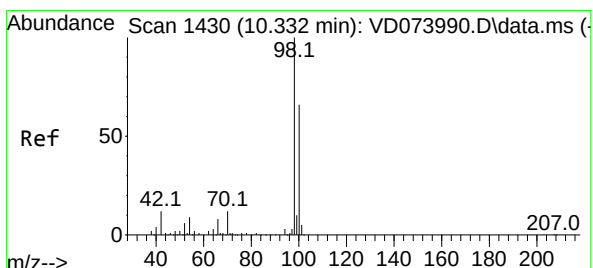
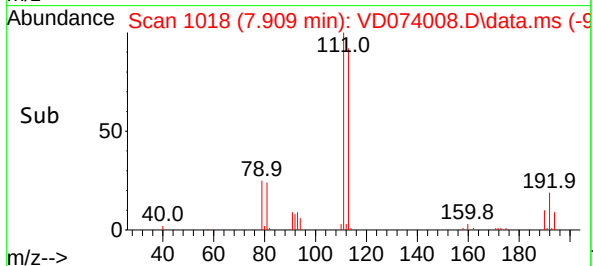
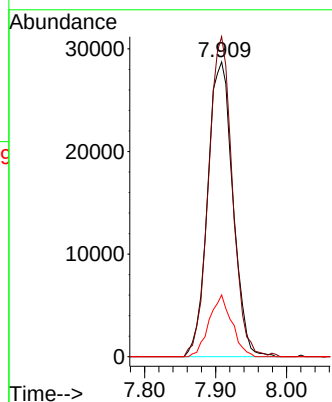
Tgt Ion:113 Resp: 70935

Ion Ratio Lower Upper

113 100

111 102.9 80.0 120.0

192 18.8 14.2 21.4



#50

Toluene-d8

Concen: 71.622 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074008.D

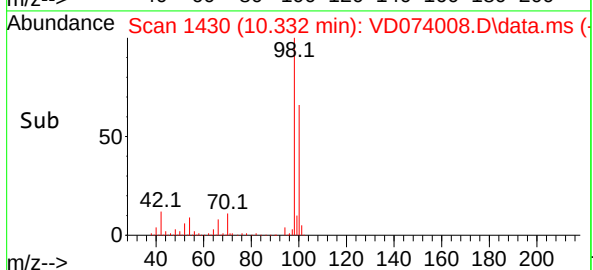
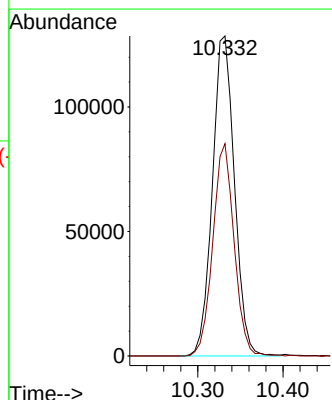
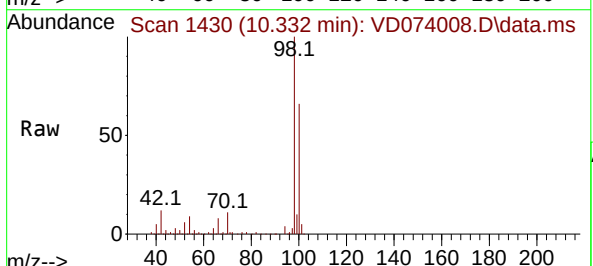
Acq: 10 Aug 2022 01:25

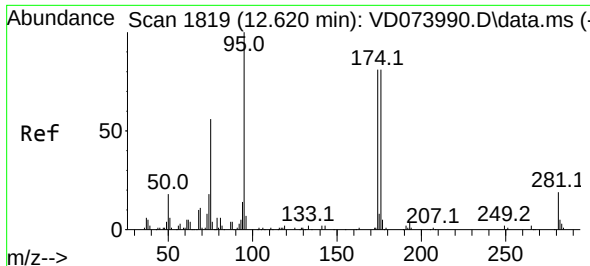
Tgt Ion: 98 Resp: 230956

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9

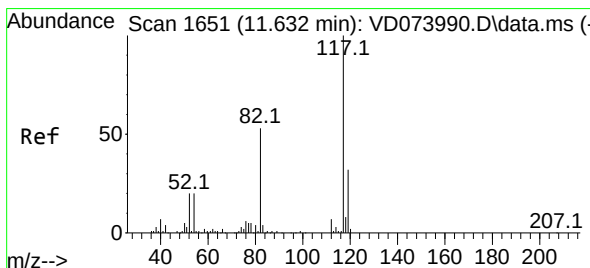
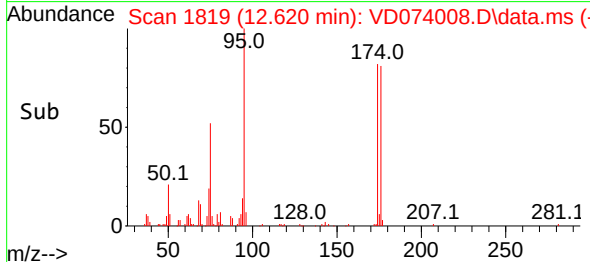
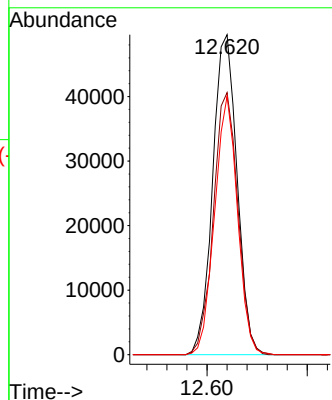
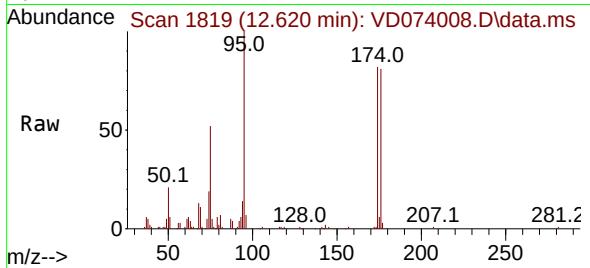




#62
4-Bromofluorobenzene
Concen: 60.342 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074008.D
Acq: 10 Aug 2022 01:25

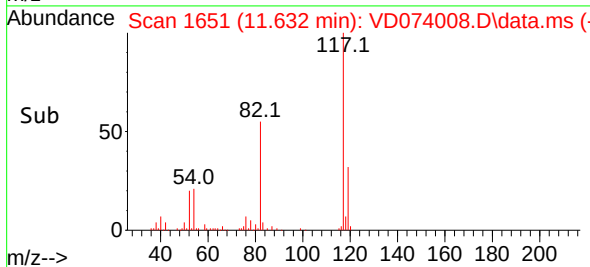
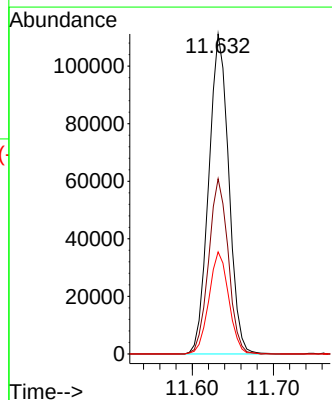
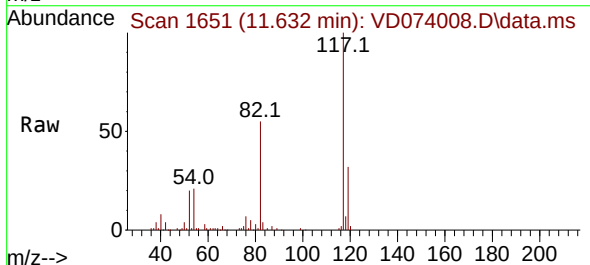
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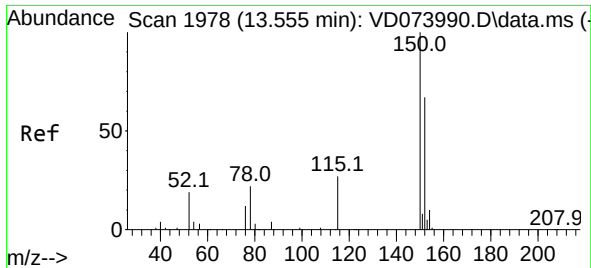
Tgt Ion:	95	Resp:	83627
Ion Ratio	Lower	Upper	
95	100		
174	82.3	0.0	162.6
176	75.8	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074008.D
Acq: 10 Aug 2022 01:25

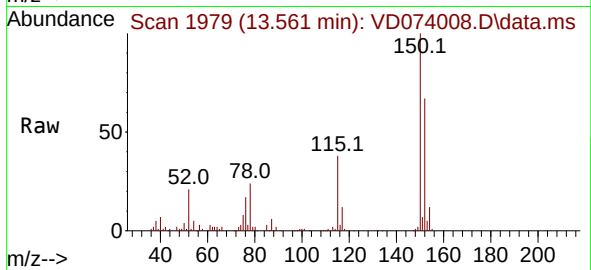
Tgt Ion:	117	Resp:	190307
Ion Ratio	Lower	Upper	
117	100		
82	54.8	42.7	64.1
119	31.9	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074008.D
 Acq: 10 Aug 2022 01:25

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-05



Tgt Ion:152 Resp: 89483
 Ion Ratio Lower Upper
 152 100
 115 60.2 29.9 89.8
 150 155.4 0.0 342.8

