

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074013.D
 Acq On : 10 Aug 2022 03:53
 Operator : VA/SY
 Sample : N4046-19
 Misc : 7.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-10

Quant Time: Aug 10 04:49:14 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)

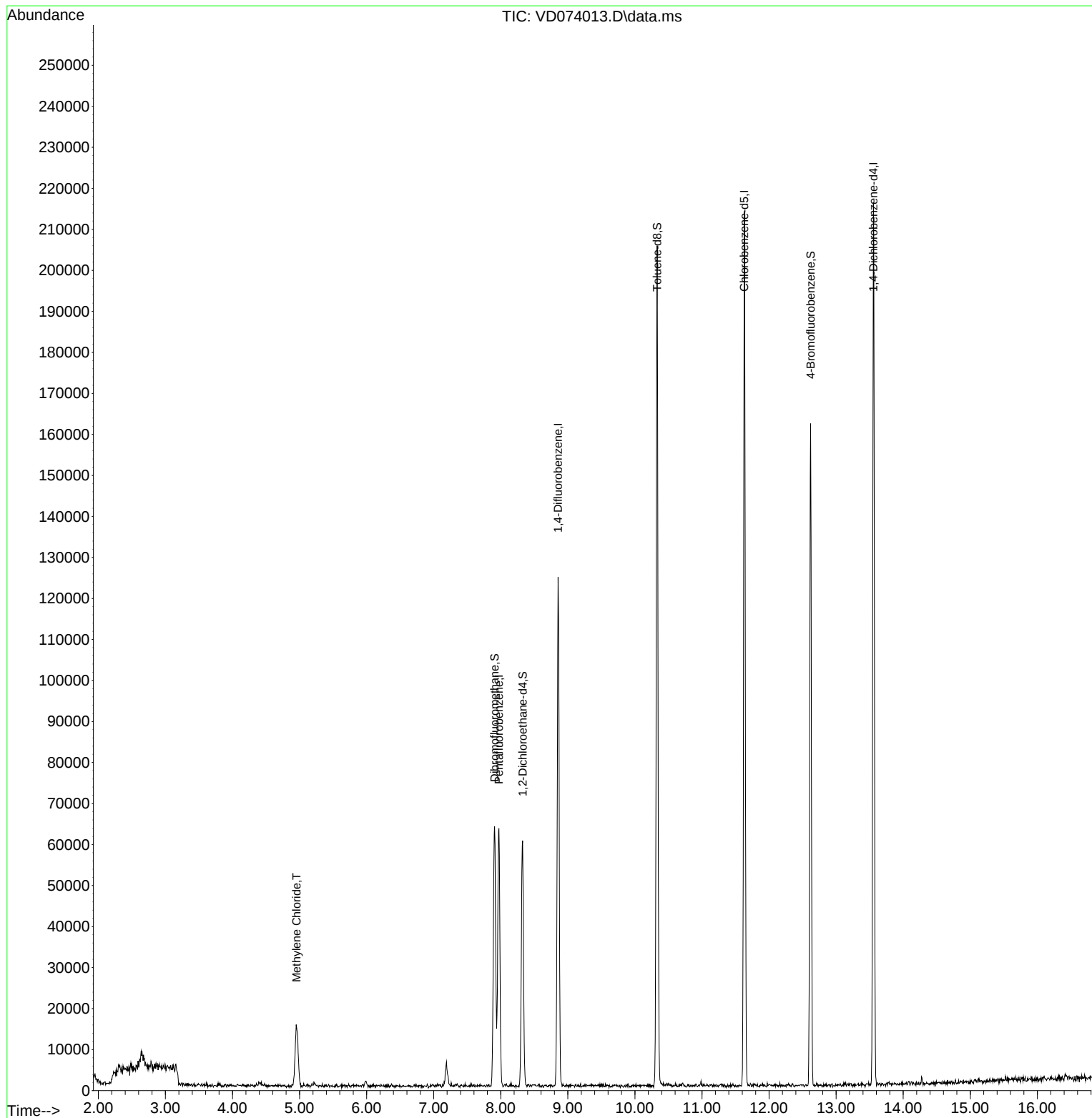
Internal Standards						
1) Pentafluorobenzene	7.973	168	44704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	102976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	117512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	57139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	48353	122.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 244.000%#	
35) Dibromofluoromethane	7.908	113	44716	71.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.160%	
50) Toluene-d8	10.332	98	135870	73.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 146.240%#	
62) 4-Bromofluorobenzene	12.620	95	51355	64.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.600%	
Target Compounds						Qvalue
20) Methylene Chloride	4.955	84	11700	17.254	ug/l	92

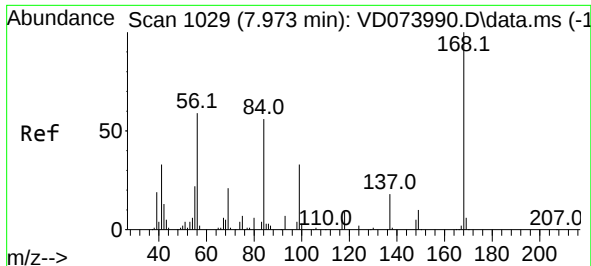
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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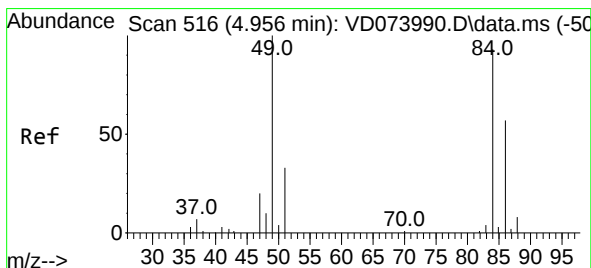
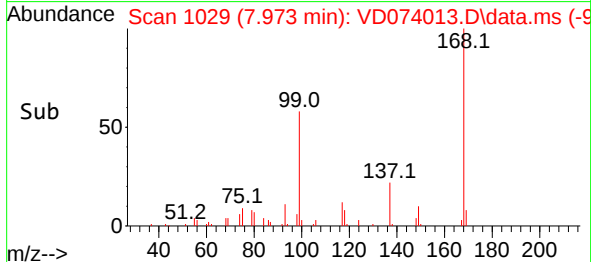
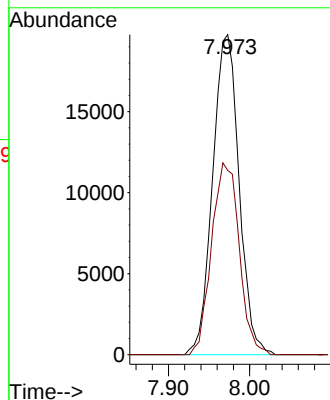
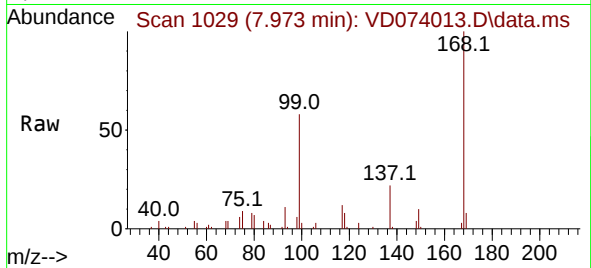




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

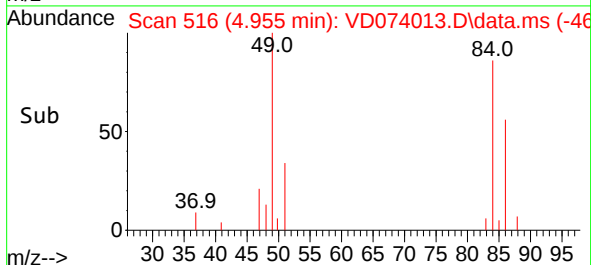
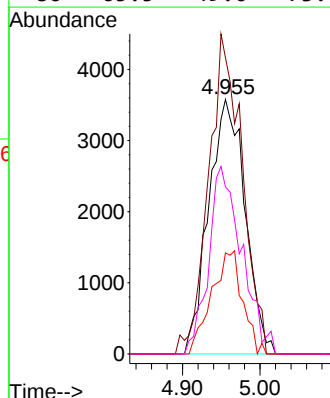
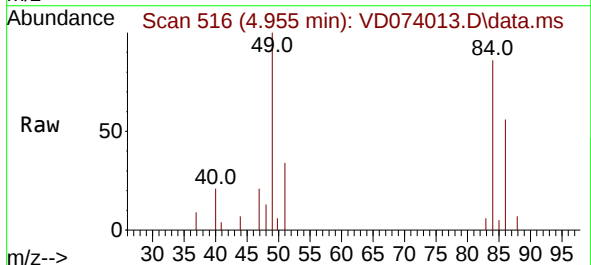
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-10

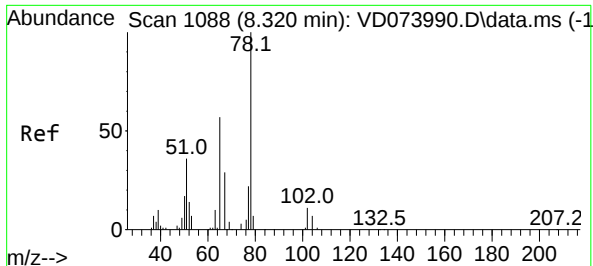
Tgt Ion:168 Resp: 44704
Ion Ratio Lower Upper
168 100
99 57.6 48.3 72.5



#20
Methylene Chloride
Concen: 17.254 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.001 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

Tgt Ion: 84 Resp: 11700
Ion Ratio Lower Upper
84 100
49 116.3 85.8 128.6
51 39.7 28.0 42.0
86 65.5 49.0 73.4





#33

1,2-Dichloroethane-d4

Concen: 122.000 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

Instrument :

MSVOA_D

ClientSampleId :

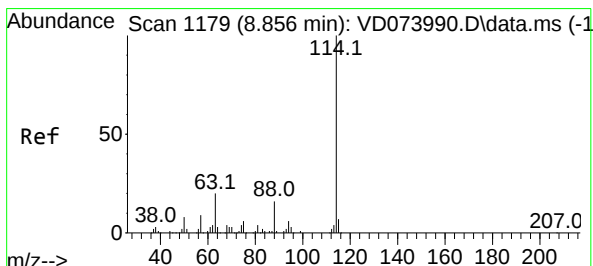
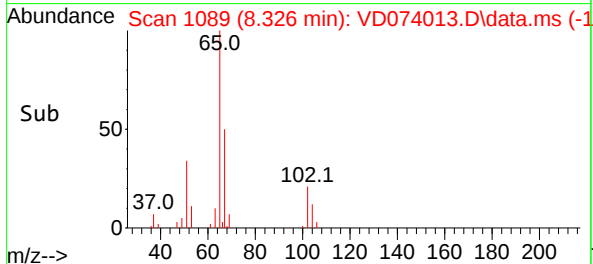
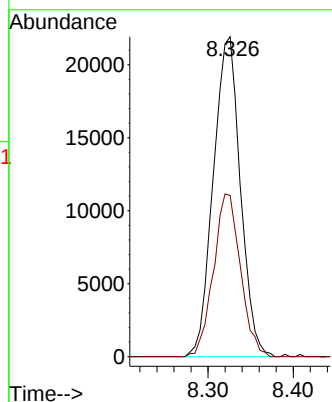
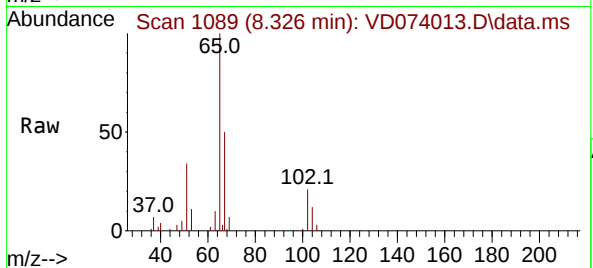
BEACONPOINT-BACKFILL-10

Tgt Ion: 65 Resp: 48353

Ion Ratio Lower Upper

65 100

67 50.7 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: VD074013.D

Acq: 10 Aug 2022 03:53

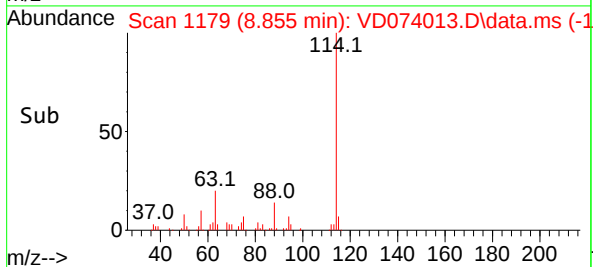
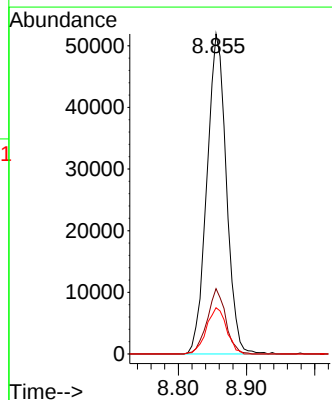
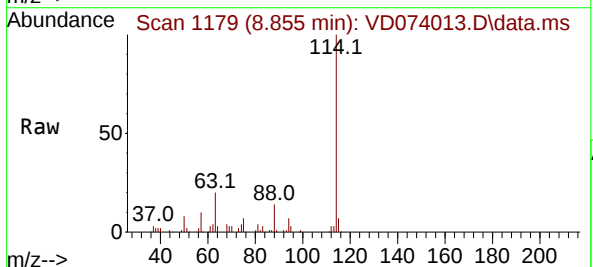
Tgt Ion: 114 Resp: 102976

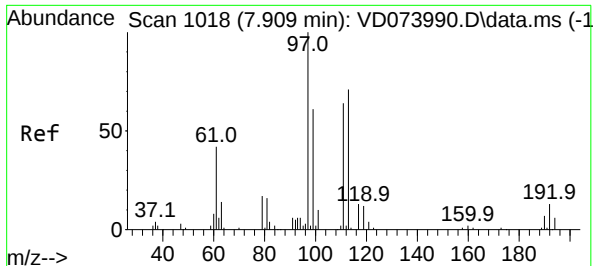
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 14.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 71.085 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074013.D

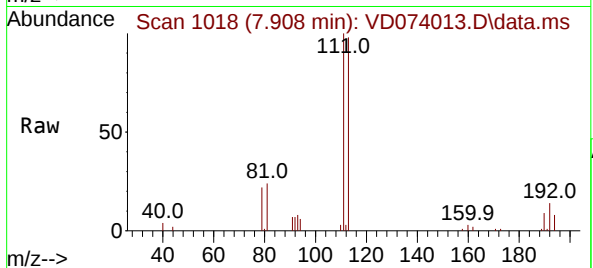
Acq: 10 Aug 2022 03:53

Instrument :

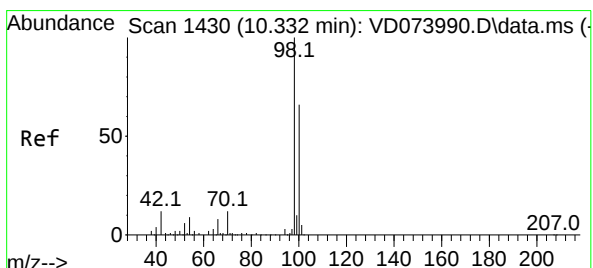
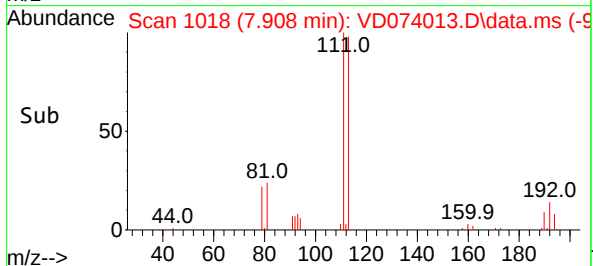
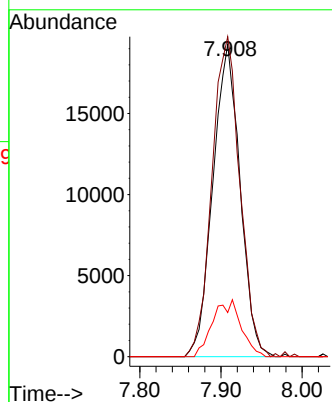
MSVOA_D

ClientSampleId :

BEACONPOINT-BACKFILL-10



Tgt Ion:	113	Resp:	44716
Ion	Ratio	Lower	Upper
113	100		
111	105.4	80.0	120.0
192	19.1	14.2	21.4



#50

Toluene-d8

Concen: 73.118 ug/l

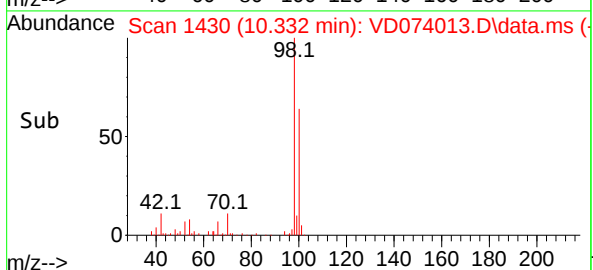
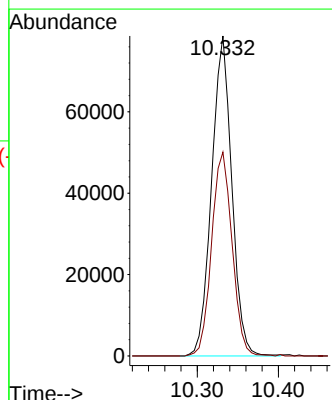
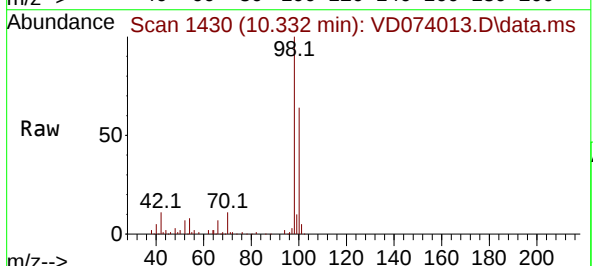
RT: 10.332 min Scan# 1430

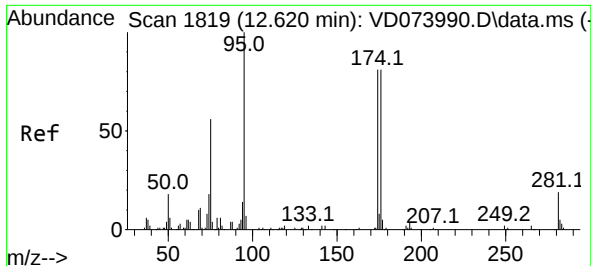
Delta R.T. -0.000 min

Lab File: VD074013.D

Acq: 10 Aug 2022 03:53

Tgt Ion:	98	Resp:	135870
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.3	76.9

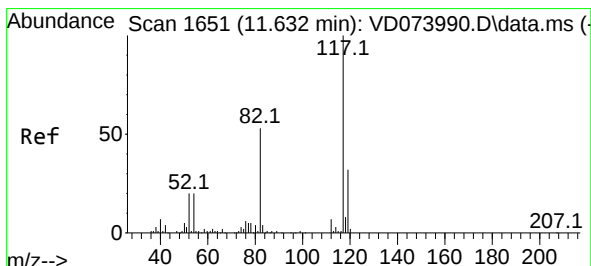
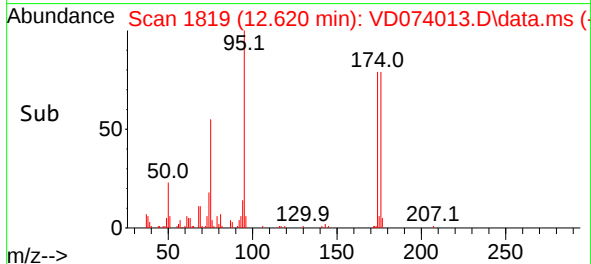
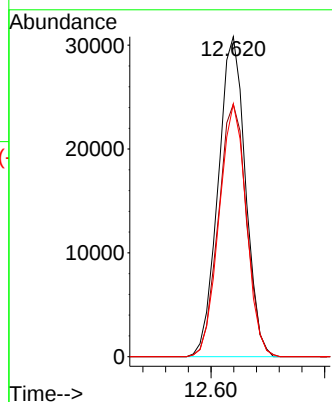
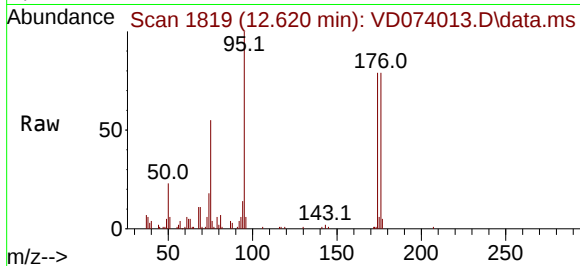




#62
4-Bromofluorobenzene
Concen: 64.304 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

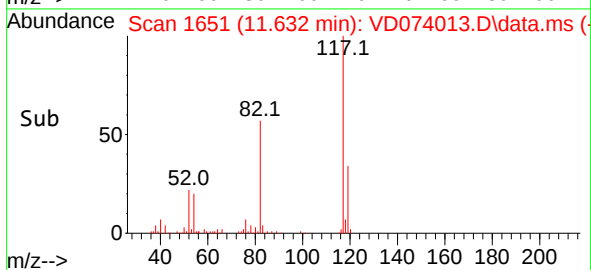
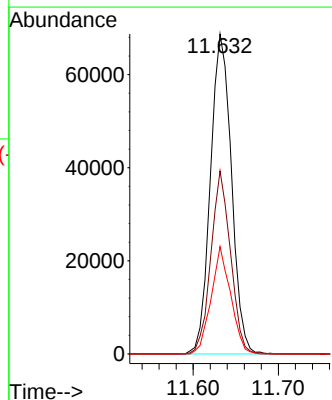
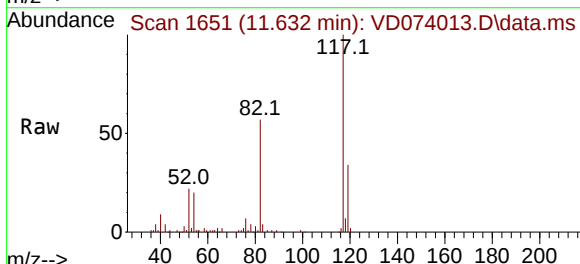
Instrument :
MSVOA_D
ClientSampleId :
BEACONPOINT-BACKFILL-10

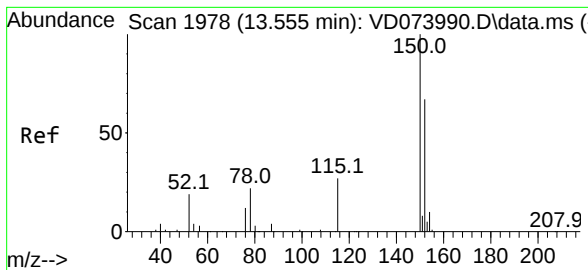
Tgt Ion: 95 Resp: 51355
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.6
176 78.5 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074013.D
Acq: 10 Aug 2022 03:53

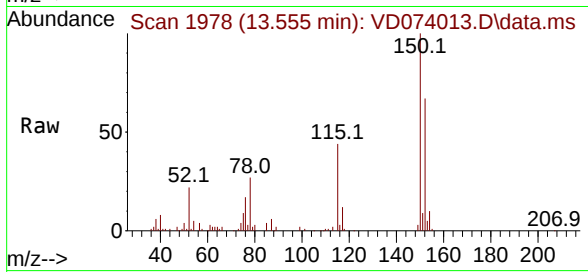
Tgt Ion: 117 Resp: 117512
Ion Ratio Lower Upper
117 100
82 57.2 42.7 64.1
119 33.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. -0.000 min
 Lab File: VD074013.D
 Acq: 10 Aug 2022 03:53

Instrument :
 MSVOA_D
 ClientSampleId :
 BEACONPOINT-BACKFILL-10



Tgt Ion:	152	Resp:	57139
Ion Ratio	Lower	Upper	
152	100		
115	60.8	29.9	89.8
150	154.0	0.0	342.8

