

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073769.D
 Acq On : 01 Jul 2022 17:38
 Operator : VA/SY
 Sample : N3562-06
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9B

Quant Time: Jul 05 05:09:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

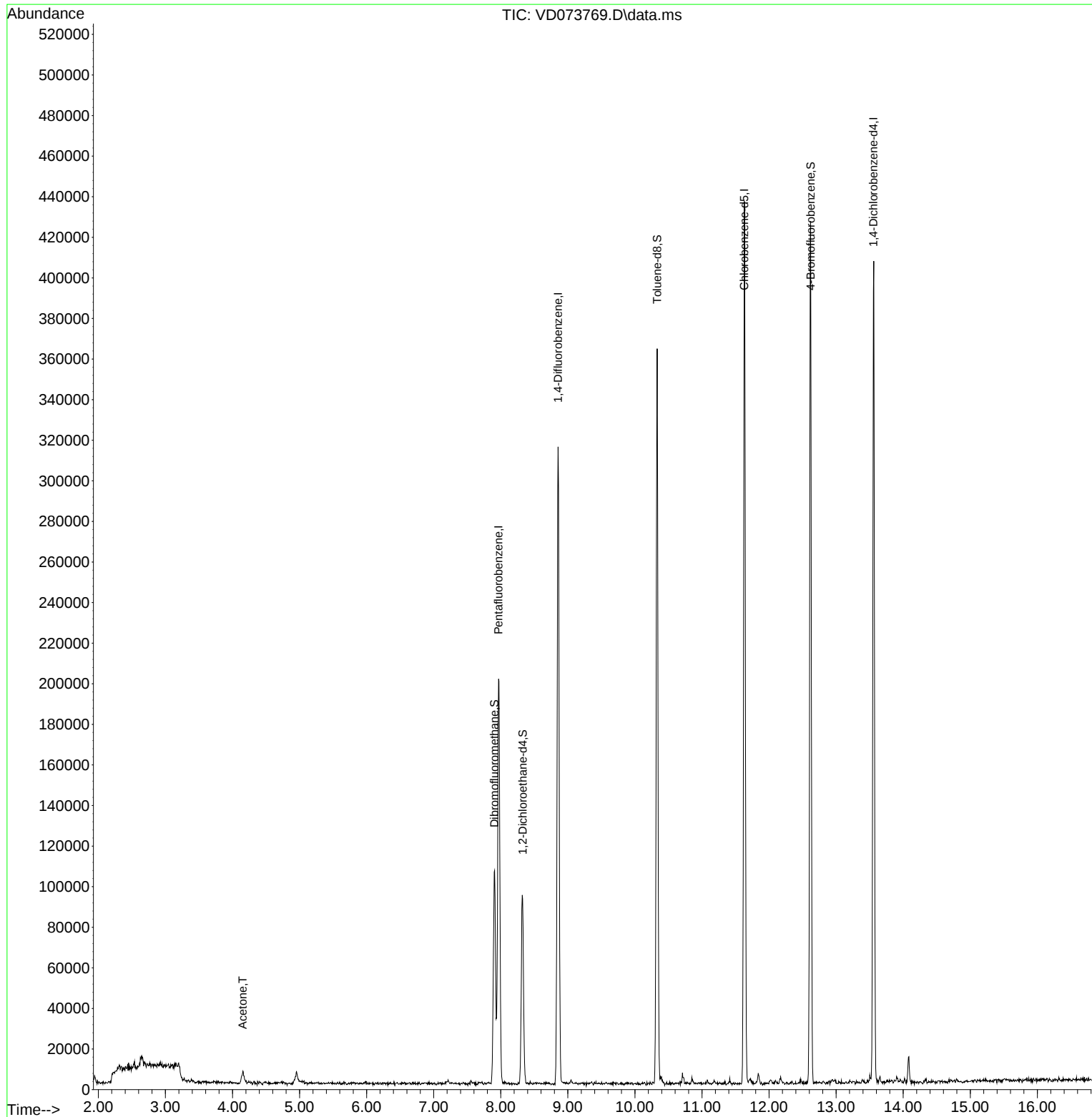
Internal Standards						
1) Pentafluorobenzene	7.967	168	135428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	263452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	236865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	99466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	73619	55.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.440%
35) Dibromofluoromethane	7.903	113	74623	52.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.280%
50) Toluene-d8	10.332	98	235460	44.851	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.700%
62) 4-Bromofluorobenzene	12.620	95	97972	47.315	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.620%
Target Compounds						
16) Acetone	4.150	43	9750	35.471	ug/l	Qvalue 89

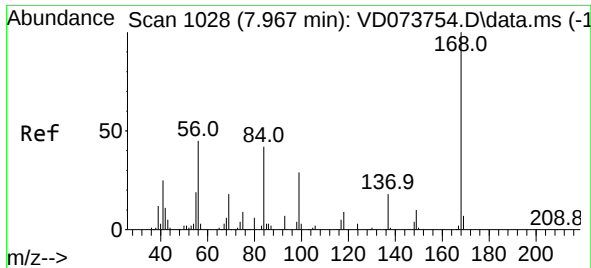
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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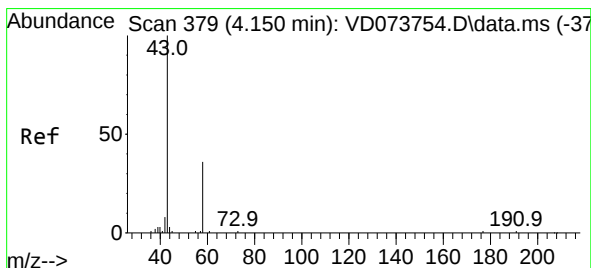
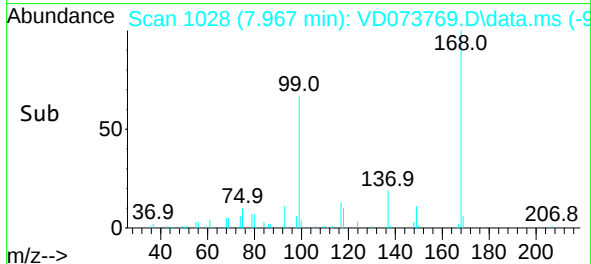
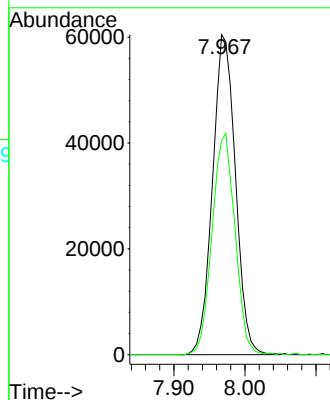
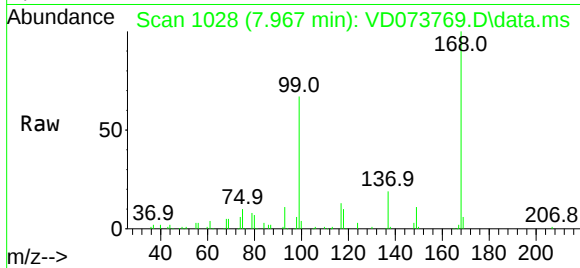




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073769.D
Acq: 01 Jul 2022 17:38

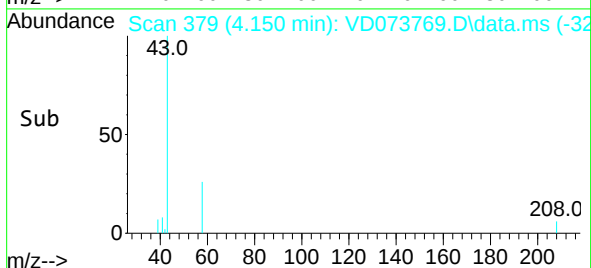
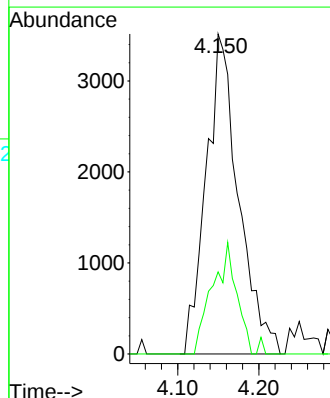
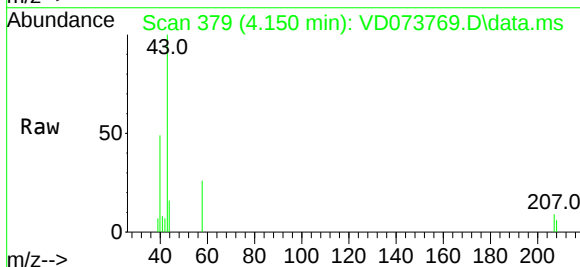
Instrument :
MSVOA_D
ClientSampleId :
SB-9B

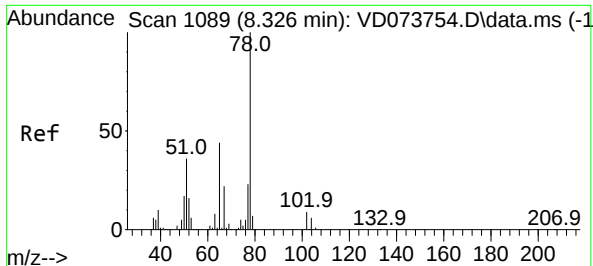
Tgt Ion:168 Resp: 135428
Ion Ratio Lower Upper
168 100
99 66.9 46.4 69.6



#16
Acetone
Concen: 35.471 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073769.D
Acq: 01 Jul 2022 17:38

Tgt Ion: 43 Resp: 9750
Ion Ratio Lower Upper
43 100
58 25.7 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 55.724 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073769.D

Acq: 01 Jul 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

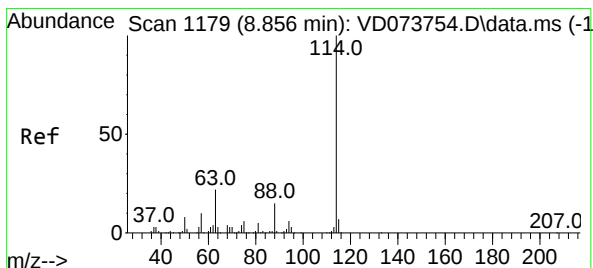
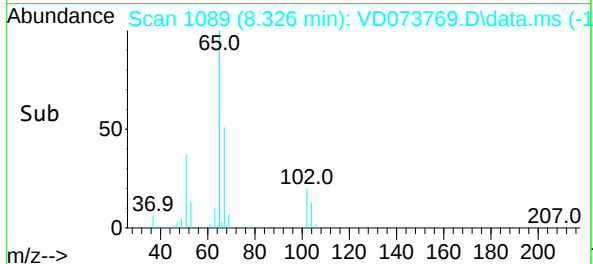
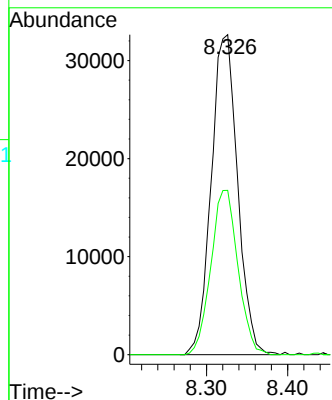
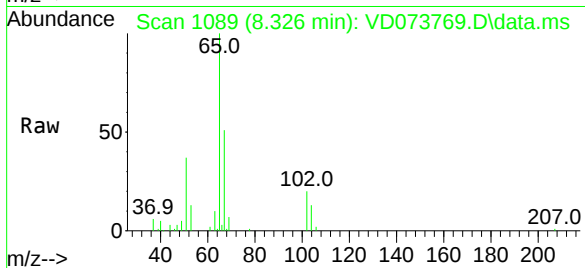
SB-9B

Tgt Ion: 65 Resp: 73619

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073769.D

Acq: 01 Jul 2022 17:38

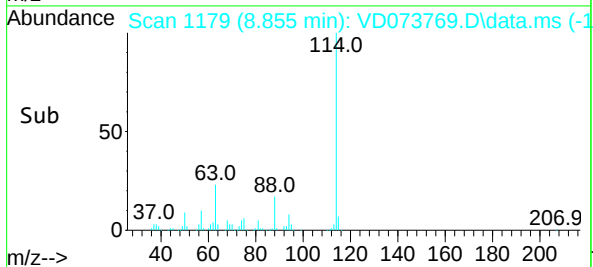
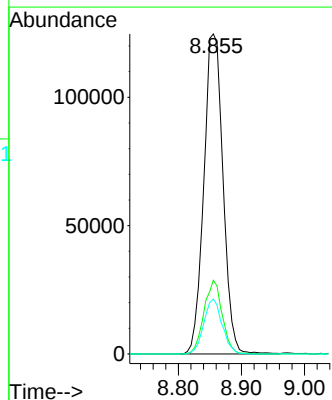
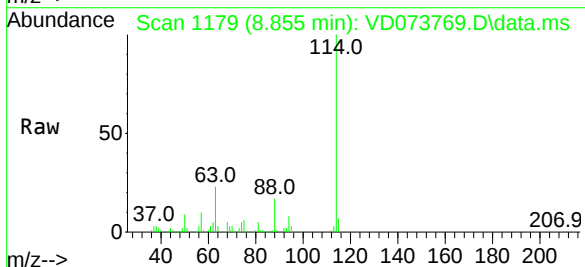
Tgt Ion: 114 Resp: 263452

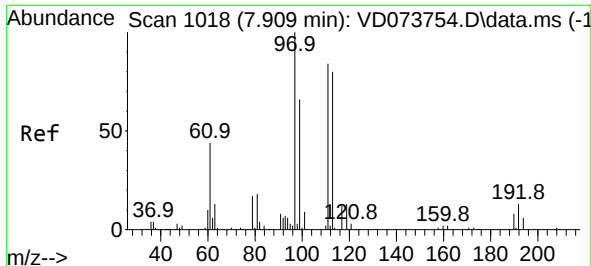
Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.2

88 17.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.141 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073769.D

Acq: 01 Jul 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

SB-9B

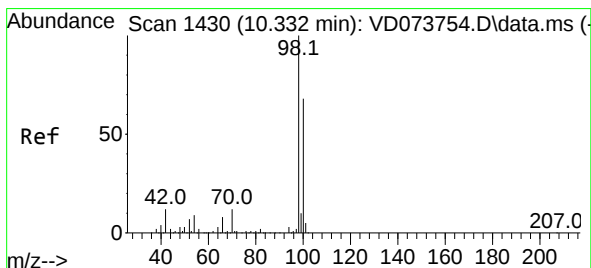
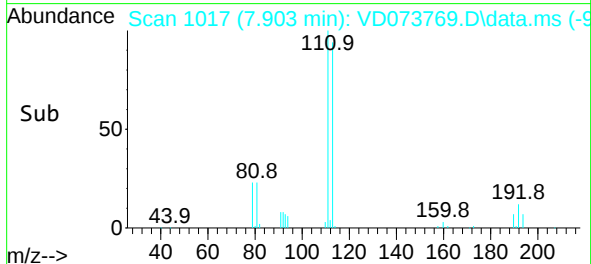
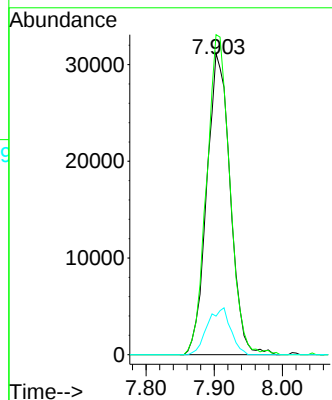
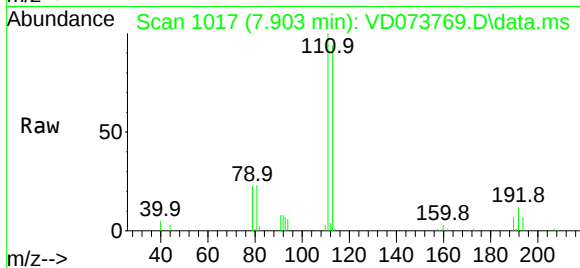
Tgt Ion:113 Resp: 74623

Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.6

192 15.4 14.8 22.2



#50

Toluene-d8

Concen: 44.851 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073769.D

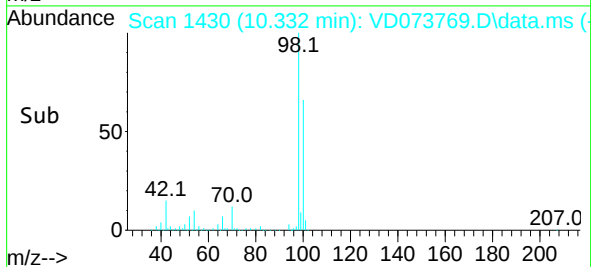
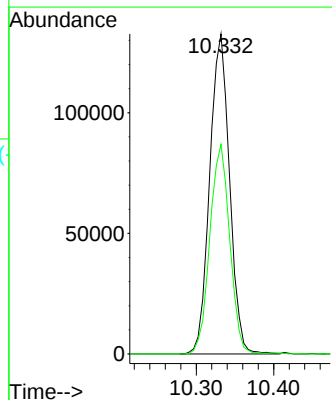
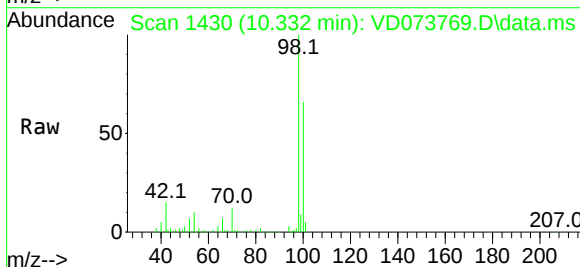
Acq: 01 Jul 2022 17:38

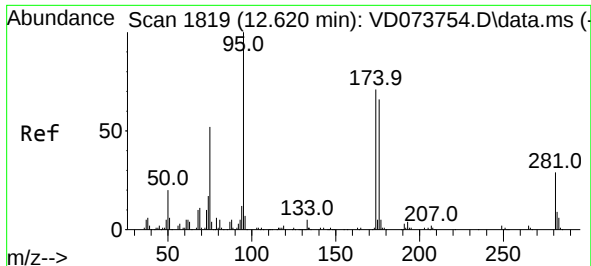
Tgt Ion: 98 Resp: 235460

Ion Ratio Lower Upper

98 100

100 65.7 54.0 81.0

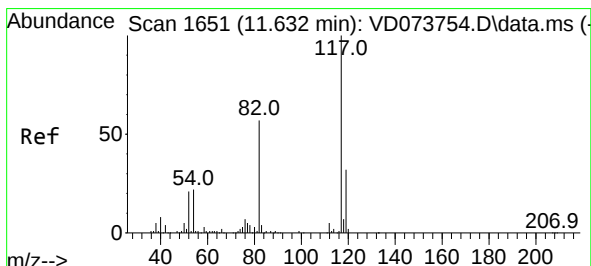
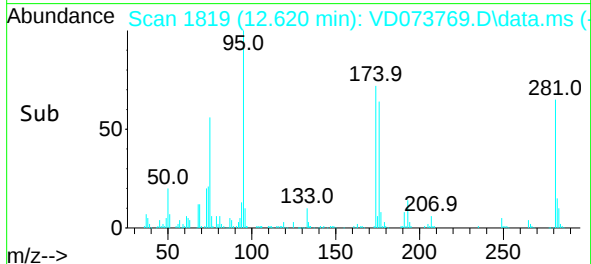
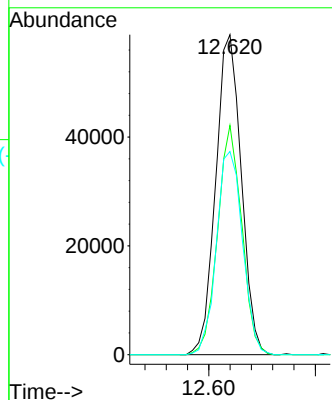
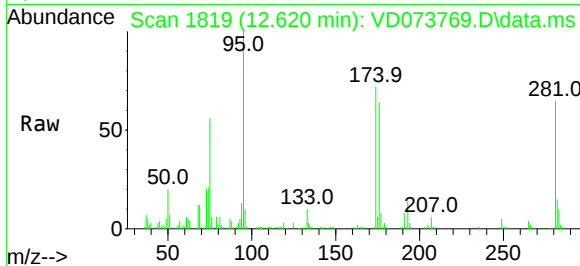




#62
4-Bromofluorobenzene
Concen: 47.315 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073769.D
Acq: 01 Jul 2022 17:38

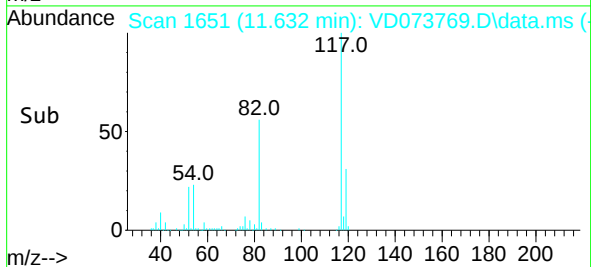
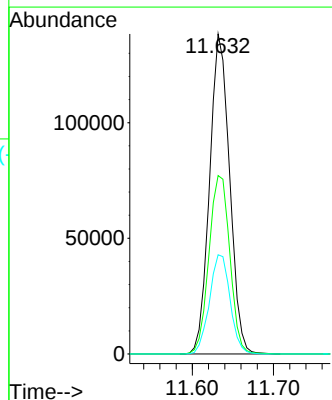
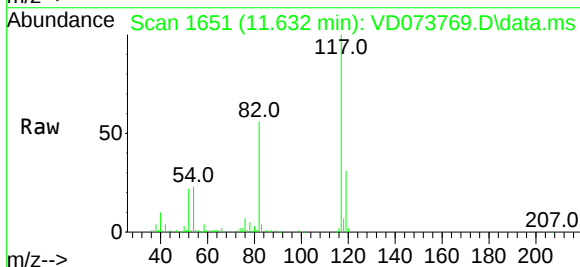
Instrument :
MSVOA_D
ClientSampleId :
SB-9B

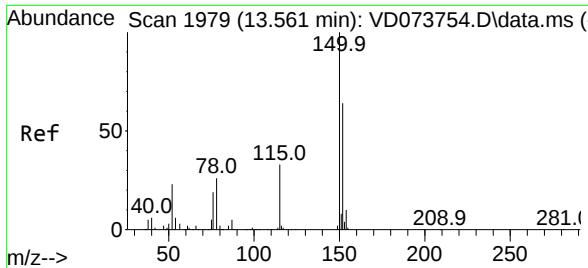
Tgt Ion: 95 Resp: 97972
Ion Ratio Lower Upper
95 100
174 67.6 0.0 158.4
176 65.0 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073769.D
Acq: 01 Jul 2022 17:38

Tgt Ion: 117 Resp: 236865
Ion Ratio Lower Upper
117 100
82 55.8 41.5 62.3
119 31.0 27.1 40.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VD073769.D
 Acq: 01 Jul 2022 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9B

Tgt Ion:	152	Resp:	99466
Ion	Ratio	Lower	Upper
152	100		
115	65.5	30.6	91.6
150	155.4	0.0	355.0

