

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077132.D
 Acq On : 18 Sep 2023 16:21
 Operator : JC/SY
 Sample : 04436-11
 Misc : 5.26G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B102-11(3.5-4)

Quant Time: Sep 19 04:57:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

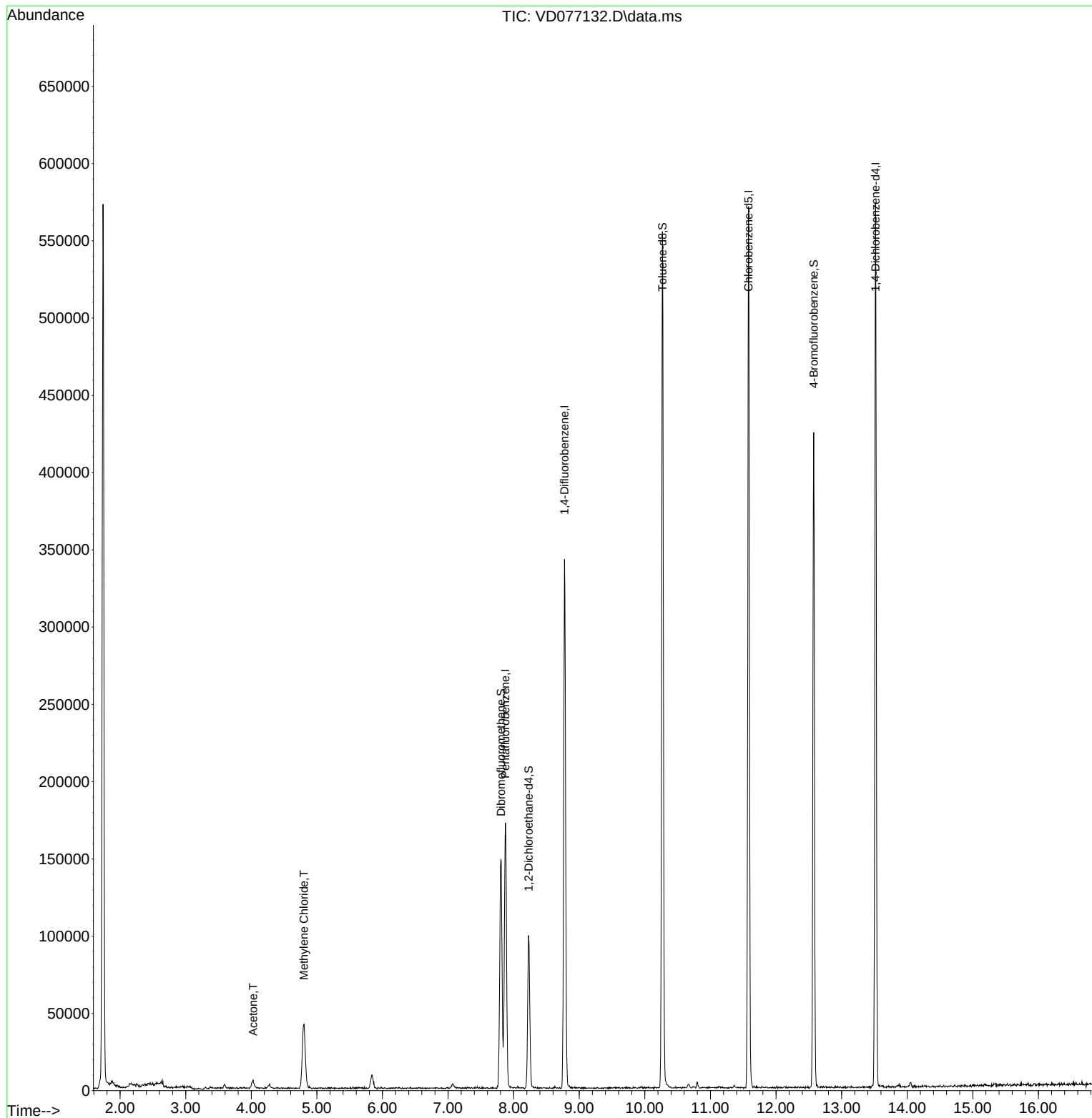
Internal Standards						
1) Pentafluorobenzene	7.875	168	140842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	318639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	344181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77152	54.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.810	113	112012	50.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.220%	
50) Toluene-d8	10.269	98	391802	49.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.575	95	128070	52.451	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.900%	
Target Compounds						
						Qvalue
16) Acetone	4.028	43	7854	24.176	ug/l	99
20) Methylene Chloride	4.805	84	35970	12.360	ug/l	89

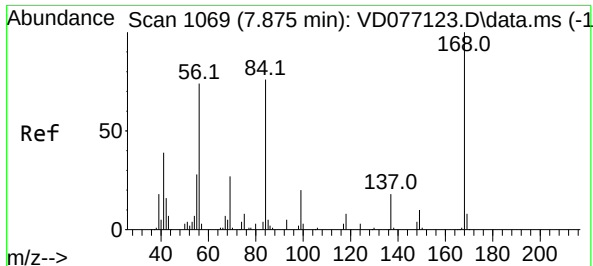
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
Data File : VD077132.D
Acq On : 18 Sep 2023 16:21
Operator : JC/SY
Sample : 04436-11
Misc : 5.26G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B102-11(3.5-4)

Quant Time: Sep 19 04:57:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

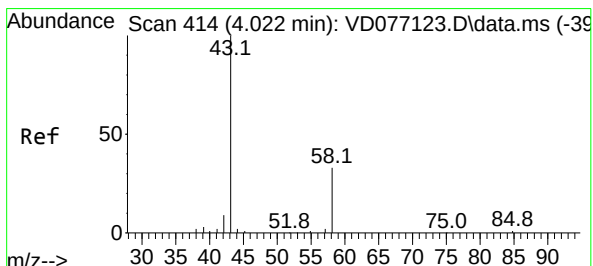
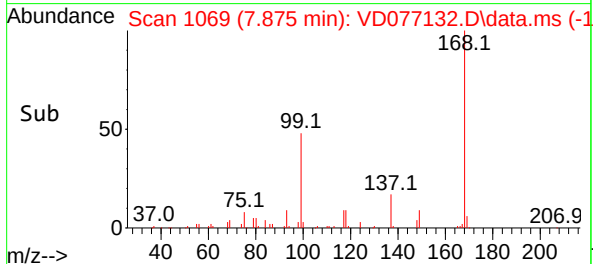
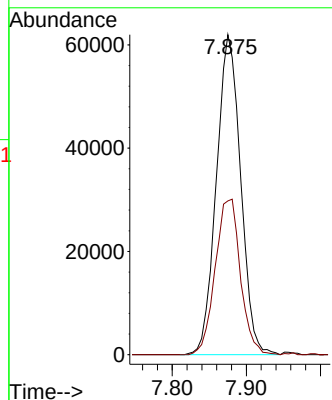
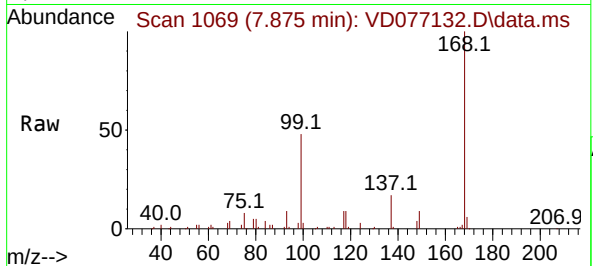




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077132.D
Acq: 18 Sep 2023 16:21

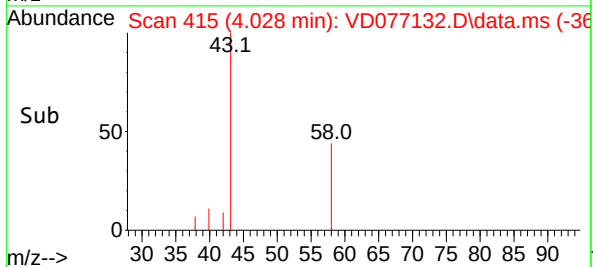
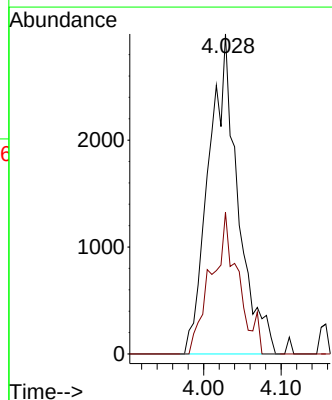
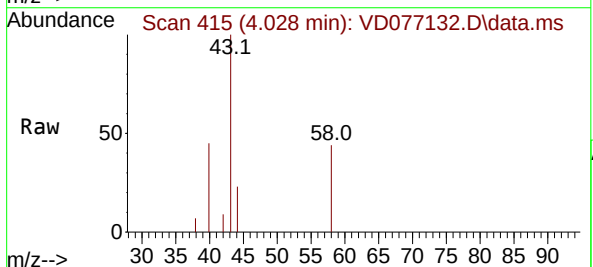
Instrument :
MSVOA_D
ClientSampleId :
B102-11(3.5-4)

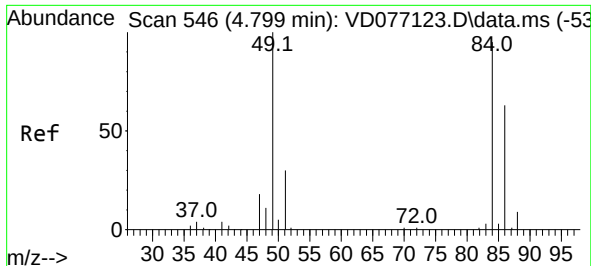
Tgt Ion:168 Resp: 140842
Ion Ratio Lower Upper
168 100
99 48.0 36.7 55.1



#16
Acetone
Concen: 24.176 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077132.D
Acq: 18 Sep 2023 16:21

Tgt Ion: 43 Resp: 7854
Ion Ratio Lower Upper
43 100
58 44.2 34.7 52.1



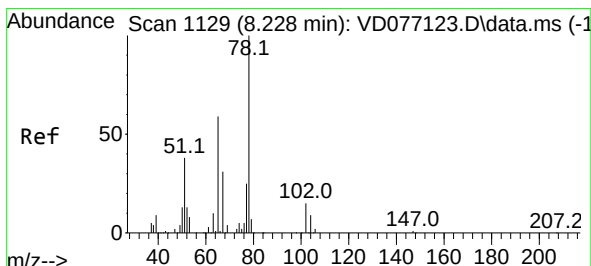
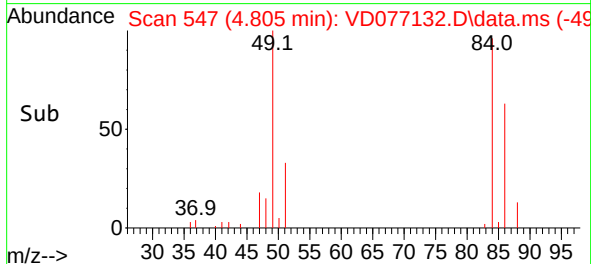
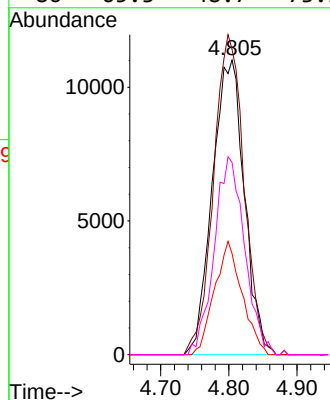
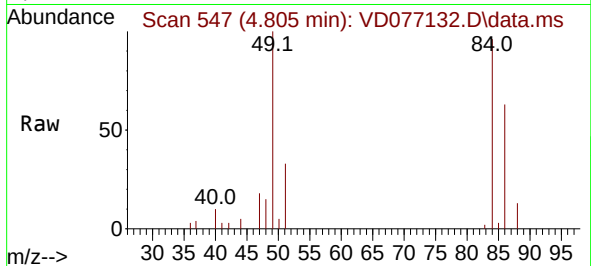


#20
Methylene Chloride
Concen: 12.360 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077132.D
Acq: 18 Sep 2023 16:21

Instrument :
MSVOA_D
ClientSampleId :
B102-11(3.5-4)

Tgt Ion: 84 Resp: 35970

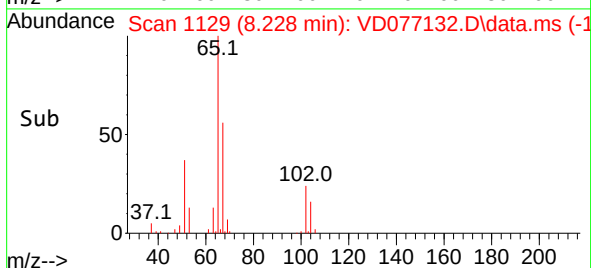
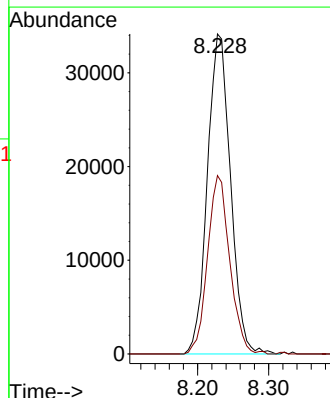
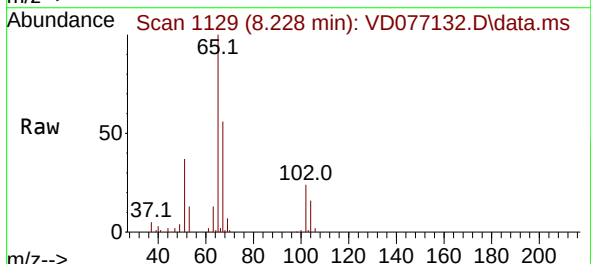
Ion	Ratio	Lower	Upper
84	100		
49	103.7	71.4	107.2
51	34.3	24.5	36.7
86	65.3	48.7	73.1

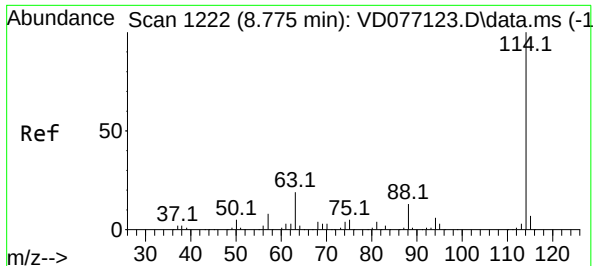


#33
1,2-Dichloroethane-d4
Concen: 54.279 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077132.D
Acq: 18 Sep 2023 16:21

Tgt Ion: 65 Resp: 77152

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077132.D

Acq: 18 Sep 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

B102-11(3.5-4)

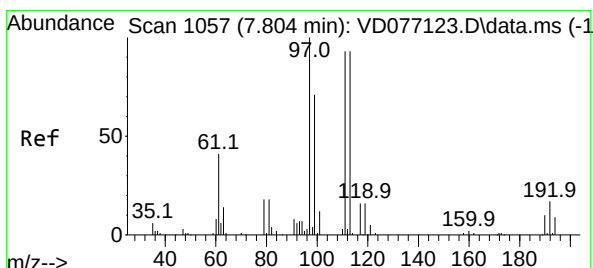
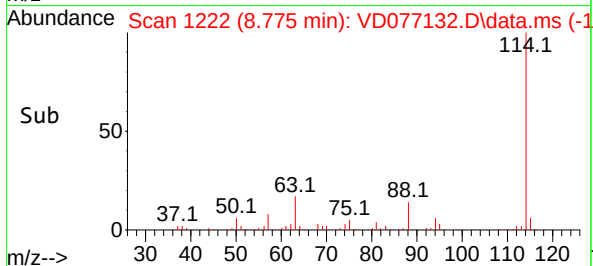
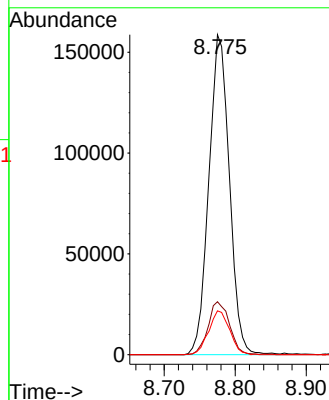
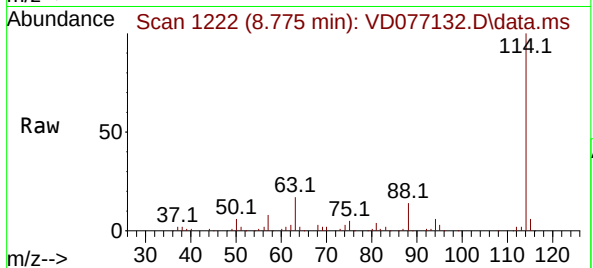
Tgt Ion:114 Resp: 318639

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.610 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077132.D

Acq: 18 Sep 2023 16:21

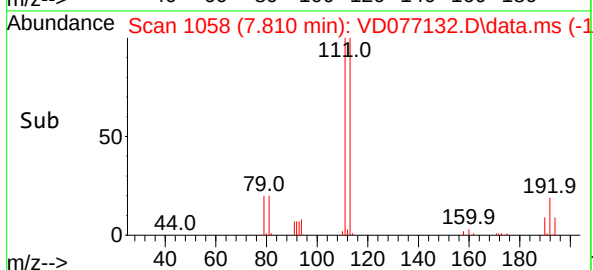
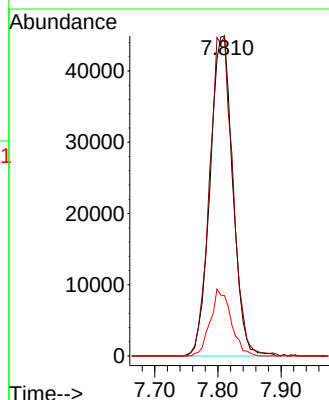
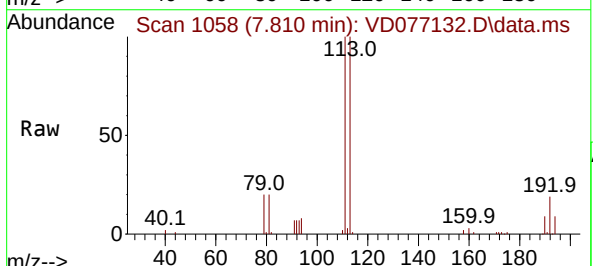
Tgt Ion:113 Resp: 112012

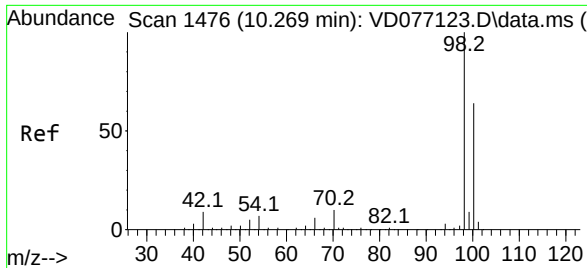
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 19.1 16.8 25.2

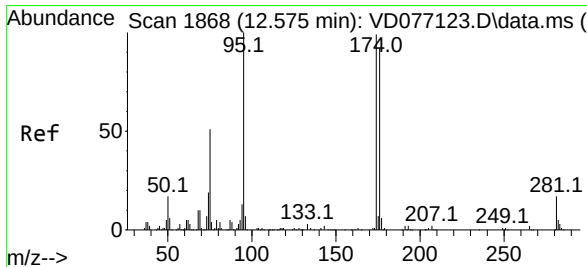
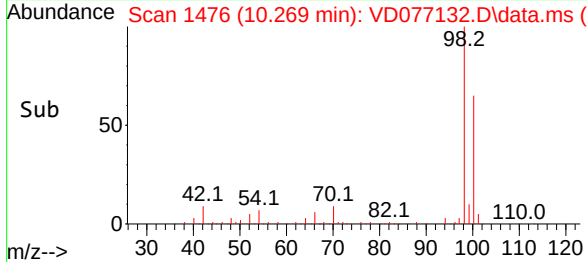
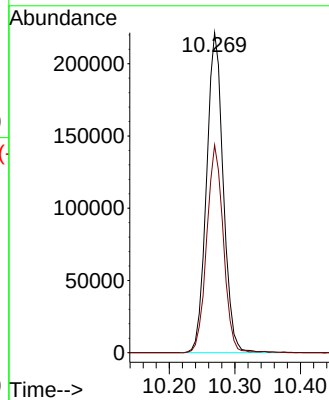
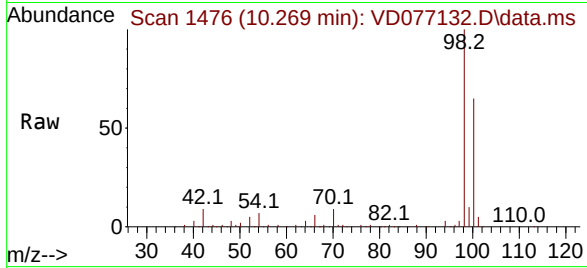




#50
Toluene-d8
Concen: 49.735 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077132.D
Acq: 18 Sep 2023 16:21

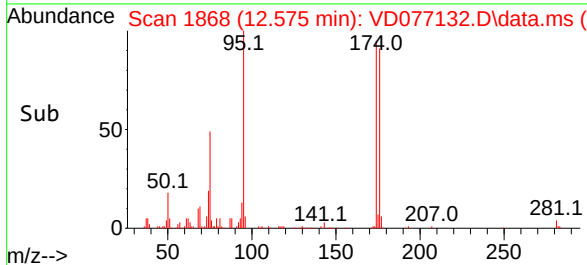
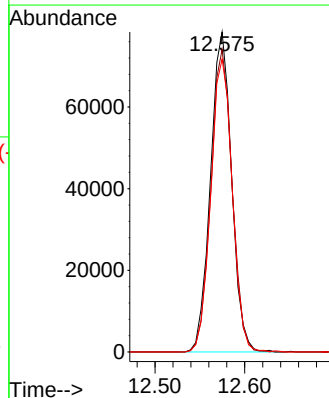
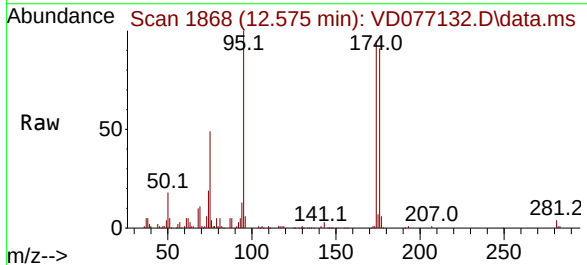
Instrument :
MSVOA_D
ClientSampleId :
B102-11(3.5-4)

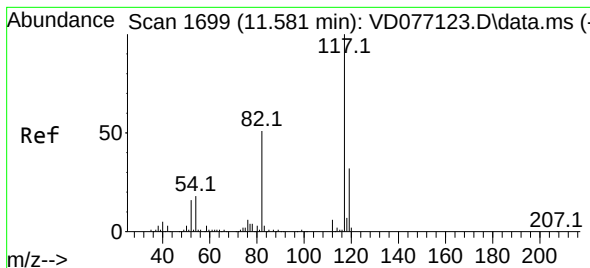
Tgt Ion: 98 Resp: 391802
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.451 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077132.D
Acq: 18 Sep 2023 16:21

Tgt Ion: 95 Resp: 128070
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 93.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077132.D

Acq: 18 Sep 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

B102-11(3.5-4)

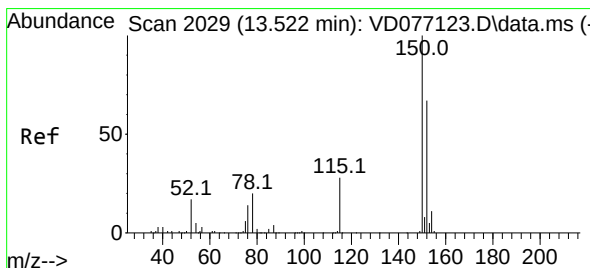
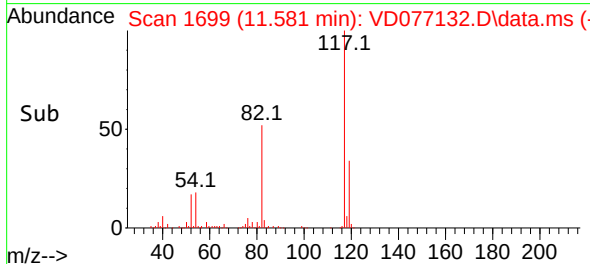
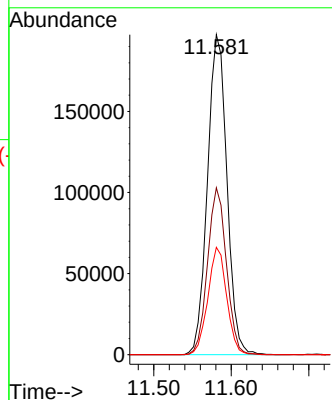
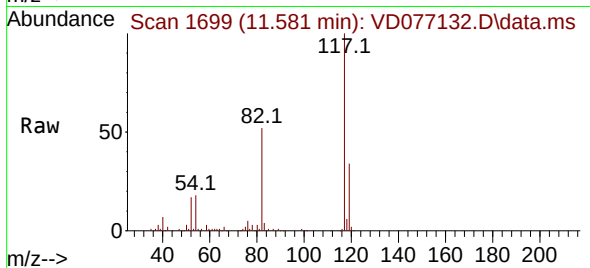
Tgt Ion:117 Resp: 344181

Ion Ratio Lower Upper

117 100

82 52.1 38.3 57.5

119 33.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD077132.D

Acq: 18 Sep 2023 16:21

Tgt Ion:152 Resp: 159112

Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 156.7 0.0 353.6

