

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077154.D
 Acq On : 19 Sep 2023 18:52
 Operator : JC/SY
 Sample : 04436-01RE
 Misc : 5.97G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B103-01(19.5-20)RE

Quant Time: Sep 20 07:58:21 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)

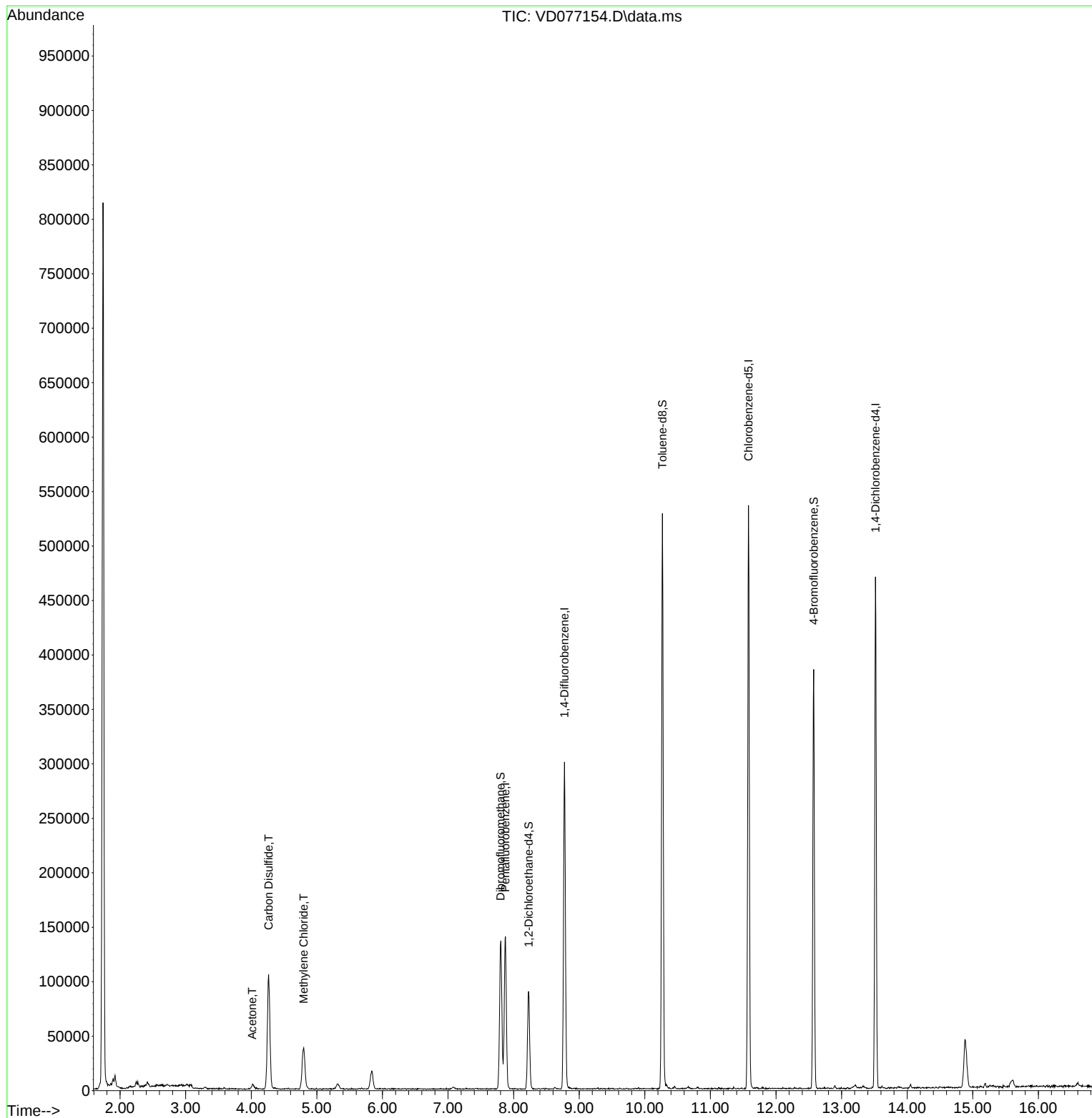
Internal Standards						
1) Pentafluorobenzene	7.875	168	111254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68809	61.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.560%	
35) Dibromofluoromethane	7.799	113	100793	53.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.269	98	368629	54.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.575	95	115702	55.504	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	6819	26.573	ug/l #	72
17) Carbon Disulfide	4.264	76	220559	51.768	ug/l	97
20) Methylene Chloride	4.799	84	30853	14.043	ug/l #	87

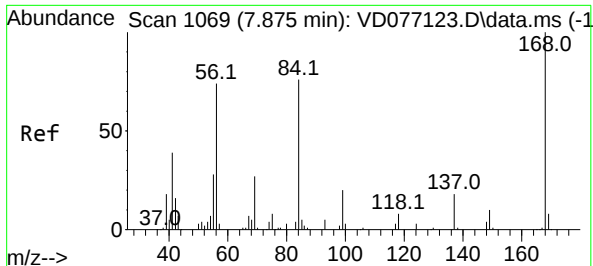
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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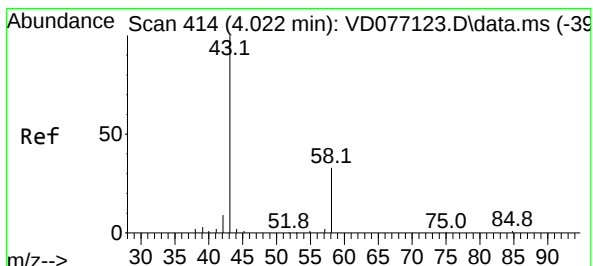
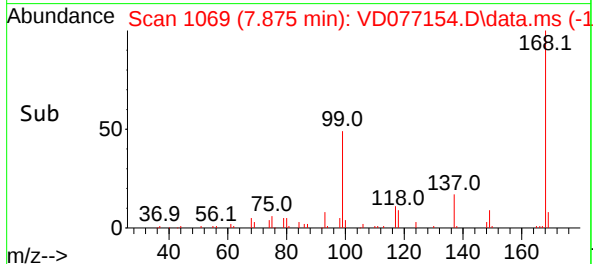
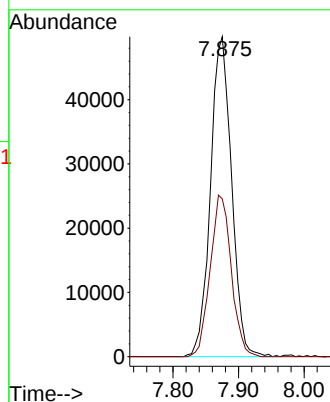
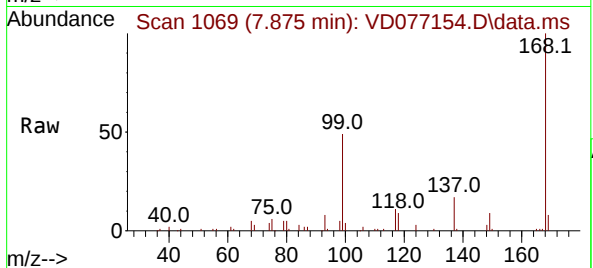




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

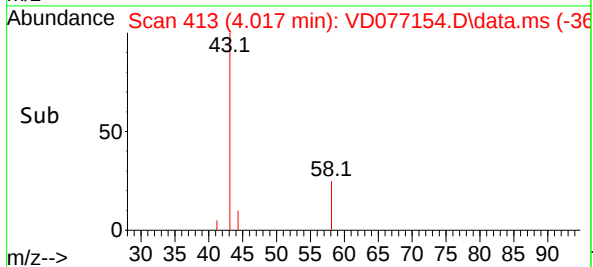
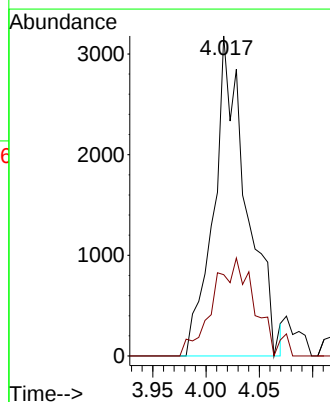
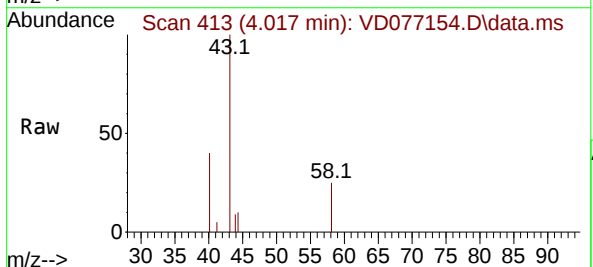
Instrument :
MSVOA_D
ClientSampleId :
B103-01(19.5-20)RE

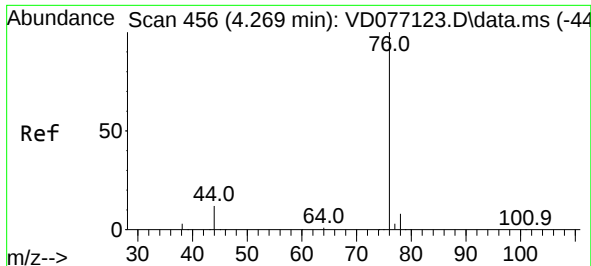
Tgt Ion:168 Resp: 111254
Ion Ratio Lower Upper
168 100
99 49.3 36.7 55.1



#16
Acetone
Concen: 26.573 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

Tgt Ion: 43 Resp: 6819
Ion Ratio Lower Upper
43 100
58 25.4 34.7 52.1#

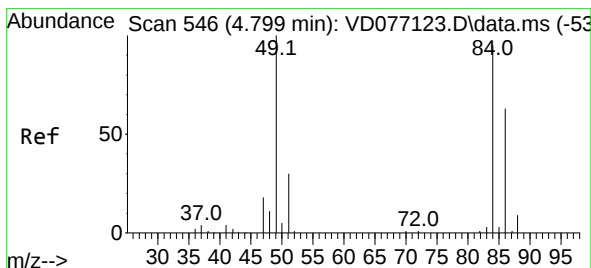
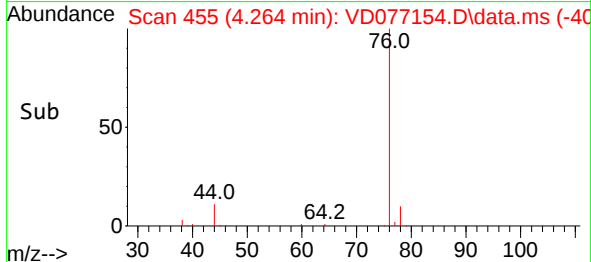
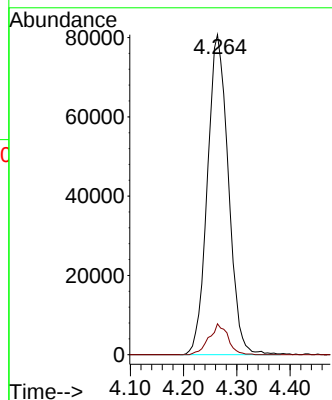
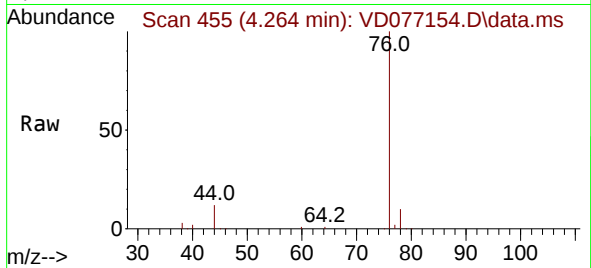




#17
Carbon Disulfide
Concen: 51.768 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

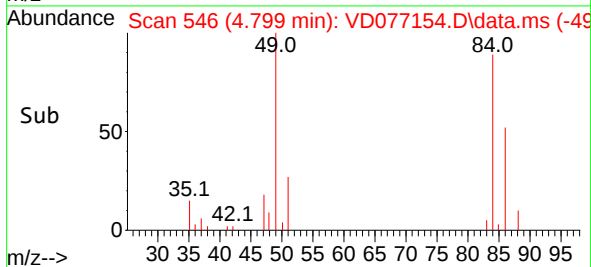
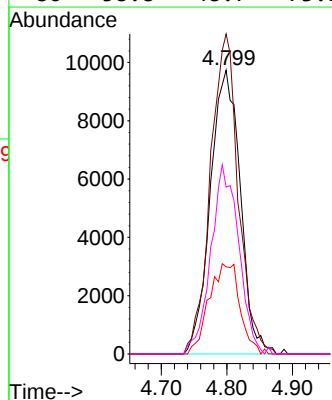
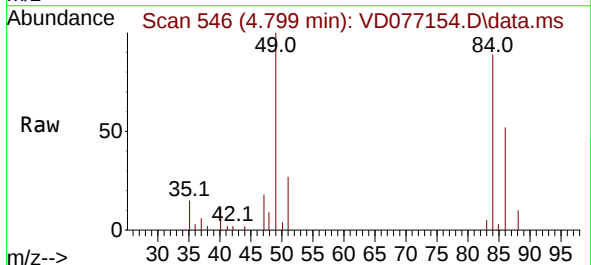
Instrument :
MSVOA_D
ClientSampleId :
B103-01(19.5-20)RE

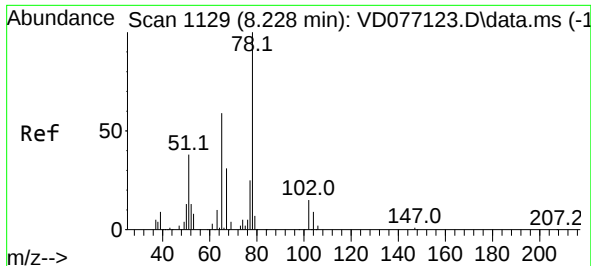
Tgt Ion: 76 Resp: 220559
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#20
Methylene Chloride
Concen: 14.043 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

Tgt Ion: 84 Resp: 30853
Ion Ratio Lower Upper
84 100
49 112.7 71.4 107.2#
51 30.7 24.5 36.7
86 58.8 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 61.284 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077154.D

Acq: 19 Sep 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

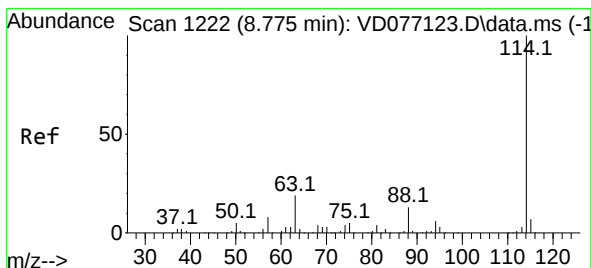
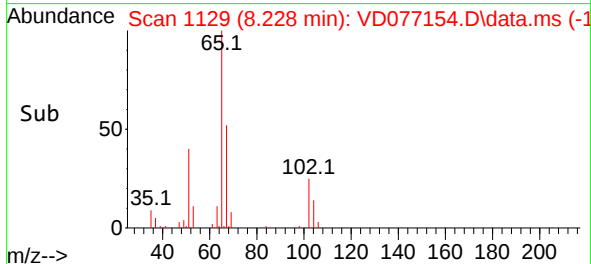
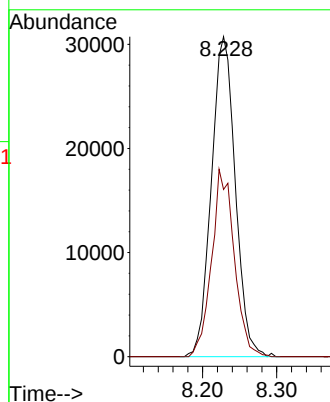
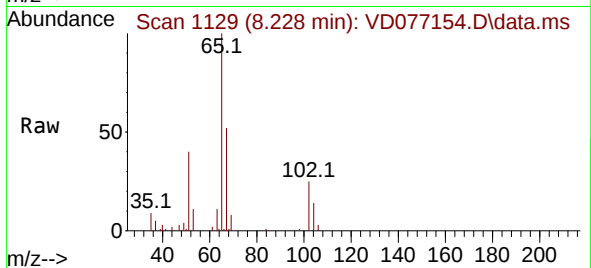
B103-01(19.5-20)RE

Tgt Ion: 65 Resp: 68809

Ion Ratio Lower Upper

65 100

67 55.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077154.D

Acq: 19 Sep 2023 18:52

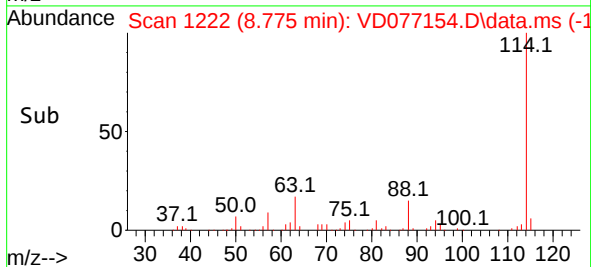
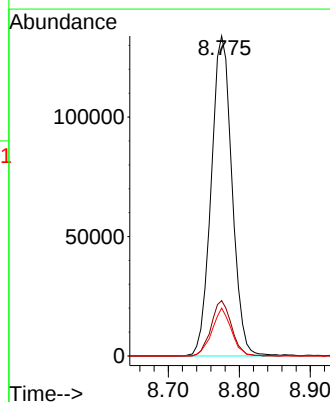
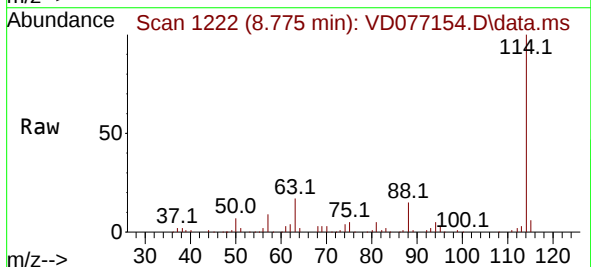
Tgt Ion: 114 Resp: 272032

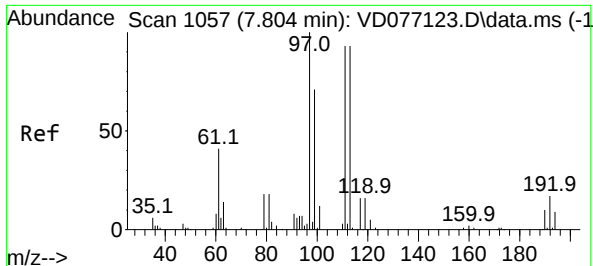
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 14.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.343 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD077154.D

Acq: 19 Sep 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

B103-01(19.5-20)RE

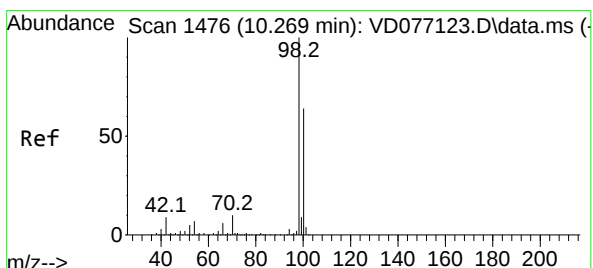
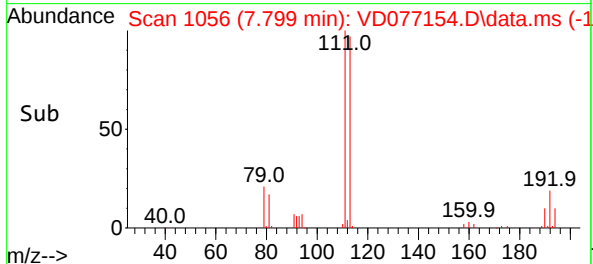
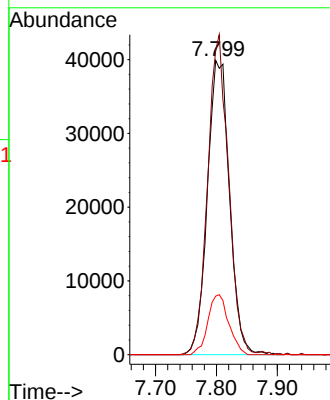
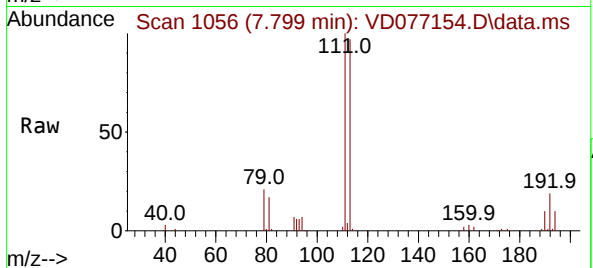
Tgt Ion:113 Resp: 100793

Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 19.2 16.8 25.2



#50

Toluene-d8

Concen: 54.810 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077154.D

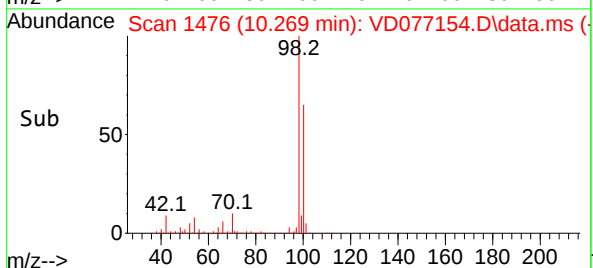
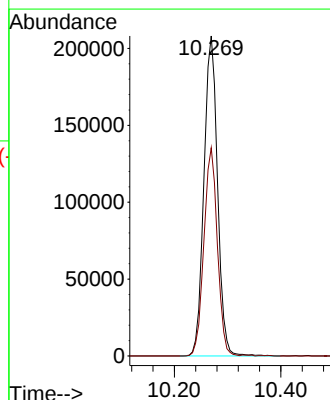
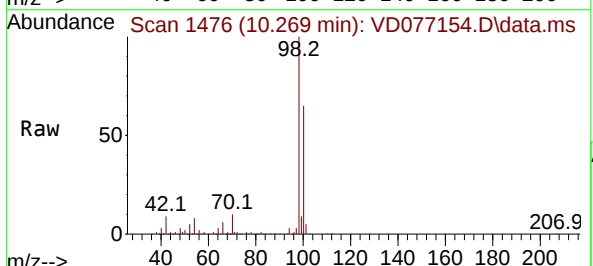
Acq: 19 Sep 2023 18:52

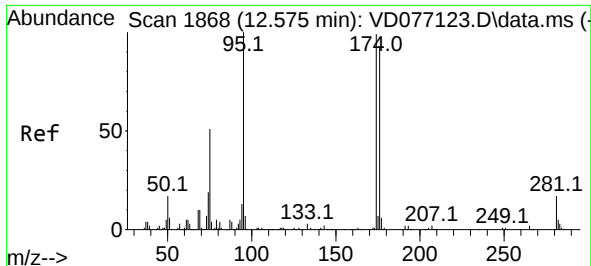
Tgt Ion: 98 Resp: 368629

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

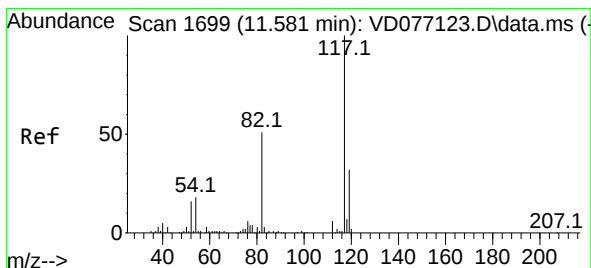
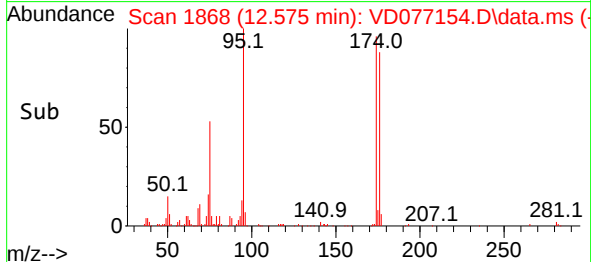
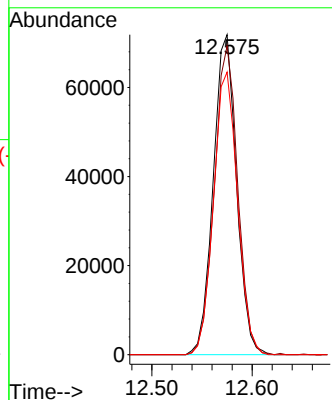
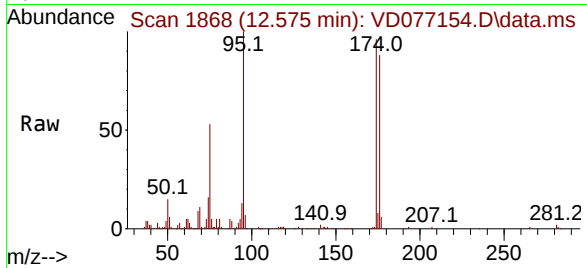




#62
4-Bromofluorobenzene
Concen: 55.504 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

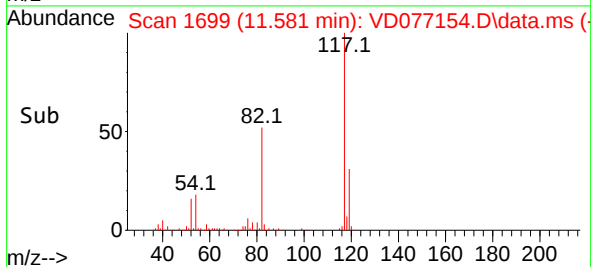
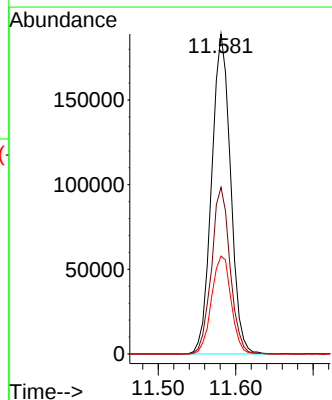
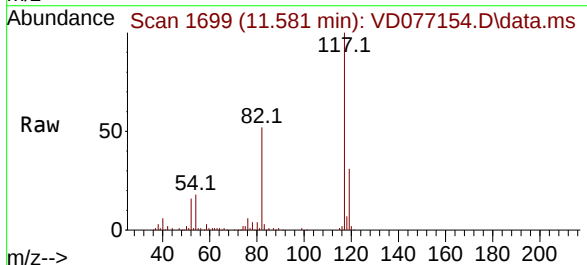
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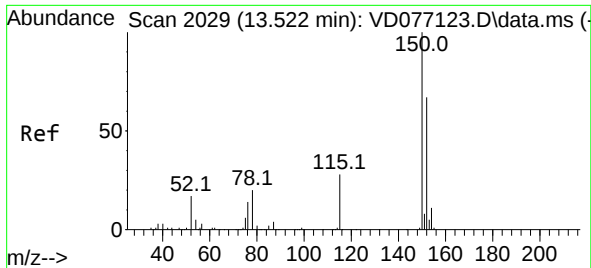
Tgt Ion: 95 Resp: 115702
Ion Ratio Lower Upper
95 100
174 97.3 0.0 201.8
176 91.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077154.D
Acq: 19 Sep 2023 18:52

Tgt Ion: 117 Resp: 320405
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 30.6 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD077154.D

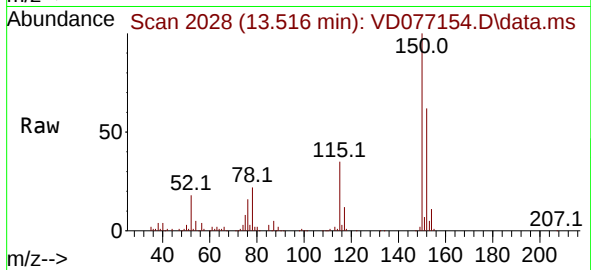
Acq: 19 Sep 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

B103-01(19.5-20)RE



Tgt Ion:152 Resp: 130828

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 156.2 0.0 353.6

