

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076779.D
 Acq On : 18 Jul 2023 15:45
 Operator : KP/SY
 Sample : 03639-11
 Misc : 5.23G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Quant Time: Jul 19 06:44:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

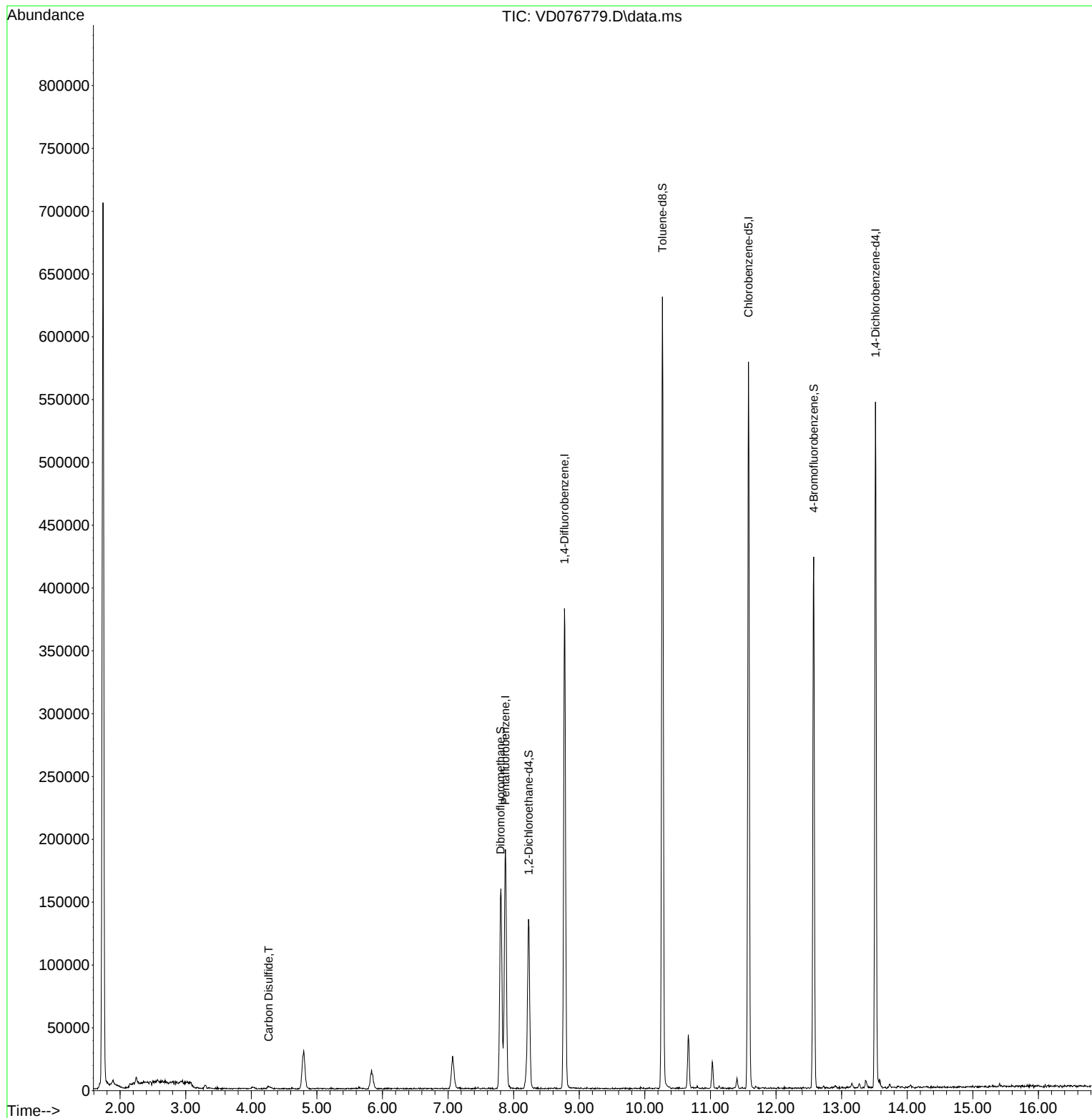
Internal Standards						
1) Pentafluorobenzene	7.875	168	145910	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	353861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100192	68.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.880%	
35) Dibromofluoromethane	7.799	113	117496	52.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.269	98	441893	55.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	12.575	95	128123	49.787	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.580%	
Target Compounds						
17) Carbon Disulfide	4.263	76	4010	1.191	ug/l	# 74

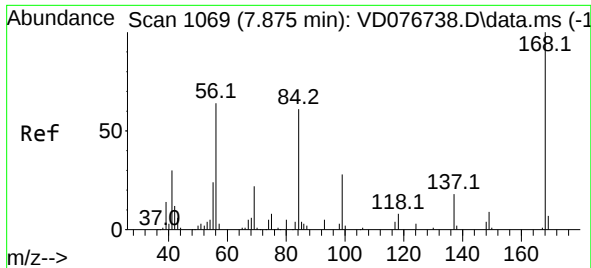
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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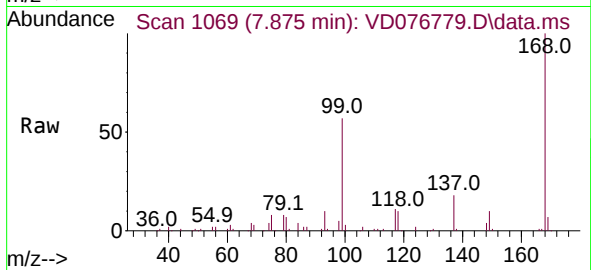
Quant Time: Jul 19 06:44:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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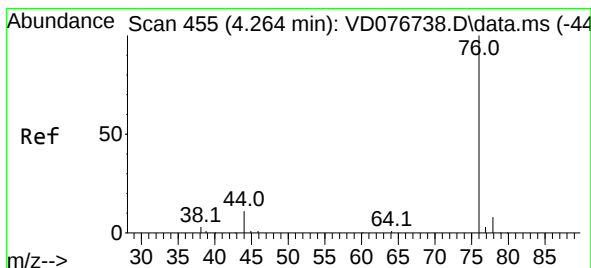
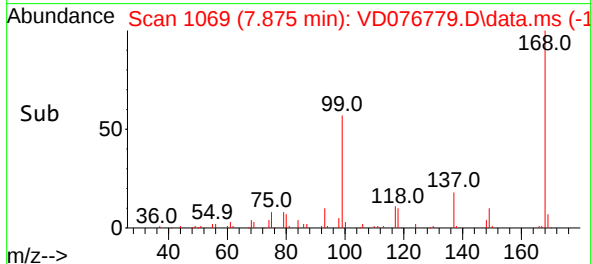
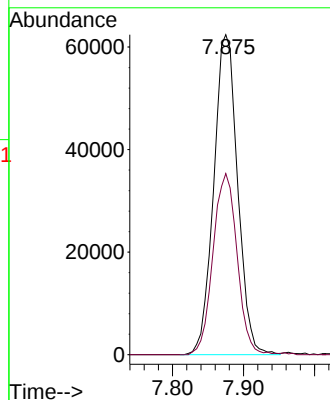


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076779.D
Acq: 18 Jul 2023 15:45

Instrument :
MSVOA_D
ClientSampleId :
TP4

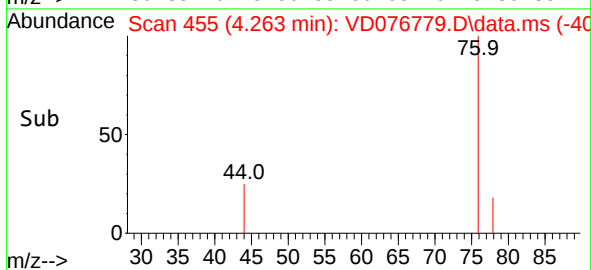
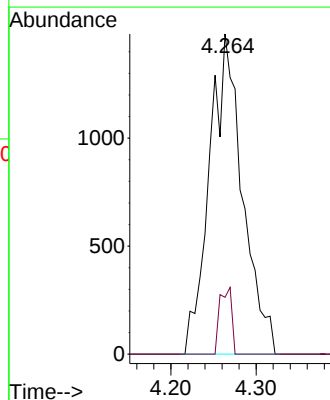
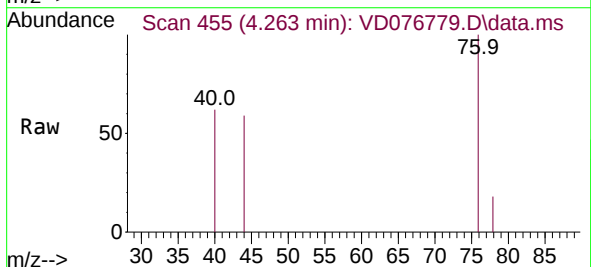


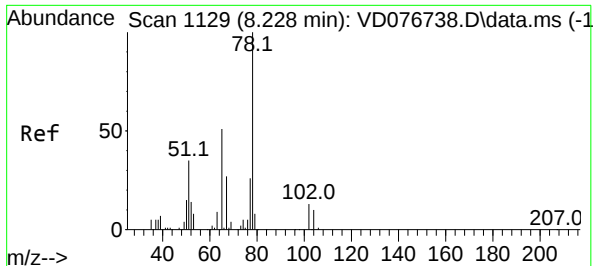
Tgt Ion:168 Resp: 145910
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1#



#17
Carbon Disulfide
Concen: 1.191 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.001 min
Lab File: VD076779.D
Acq: 18 Jul 2023 15:45

Tgt Ion: 76 Resp: 4010
Ion Ratio Lower Upper
76 100
78 17.7 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 68.941 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076779.D

Acq: 18 Jul 2023 15:45

Instrument :

MSVOA_D

ClientSampleId :

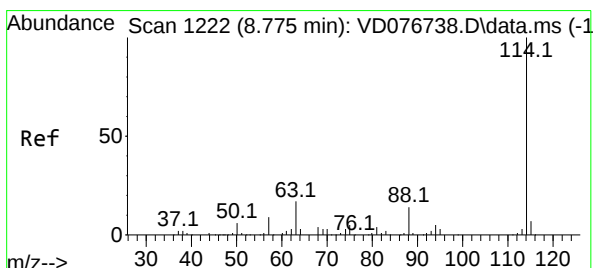
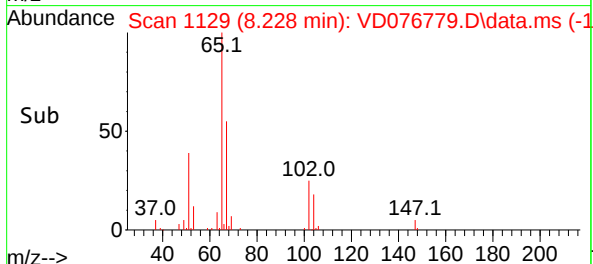
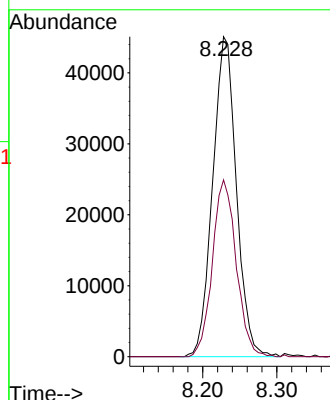
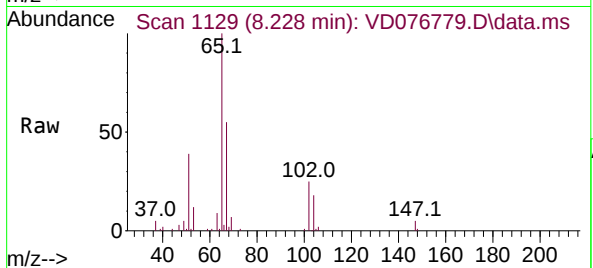
TP4

Tgt Ion: 65 Resp: 100192

Ion Ratio Lower Upper

65 100

67 55.5 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: VD076779.D

Acq: 18 Jul 2023 15:45

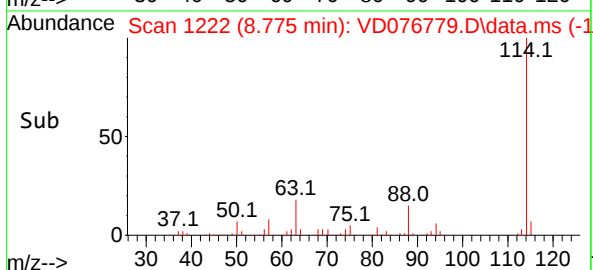
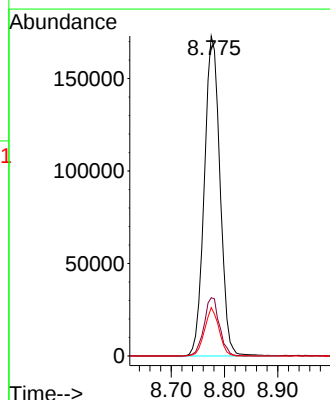
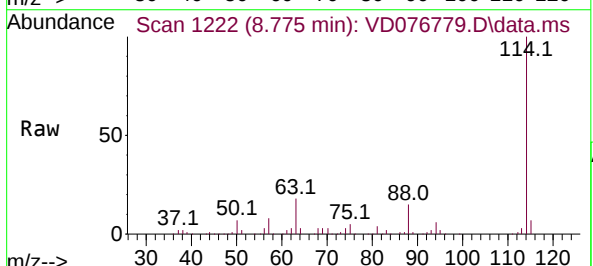
Tgt Ion: 114 Resp: 353861

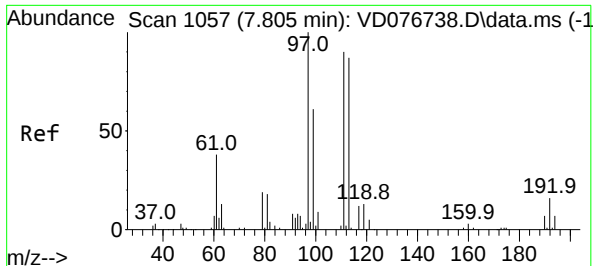
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 15.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.838 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076779.D

Acq: 18 Jul 2023 15:45

Instrument :

MSVOA_D

ClientSampleId :

TP4

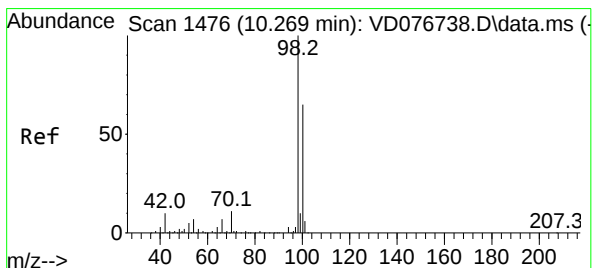
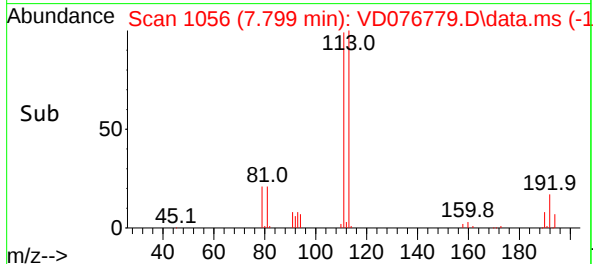
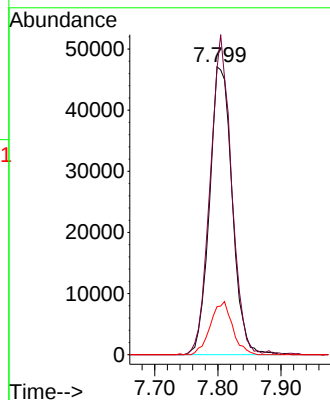
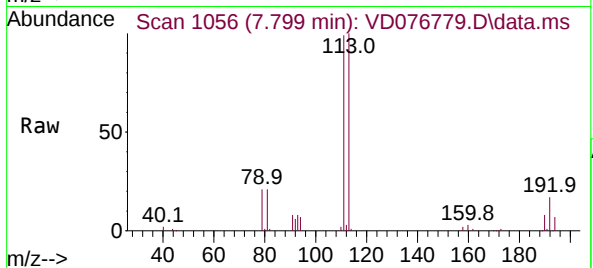
Tgt Ion:113 Resp: 117496

Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 17.9 16.8 25.2



#50

Toluene-d8

Concen: 55.549 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076779.D

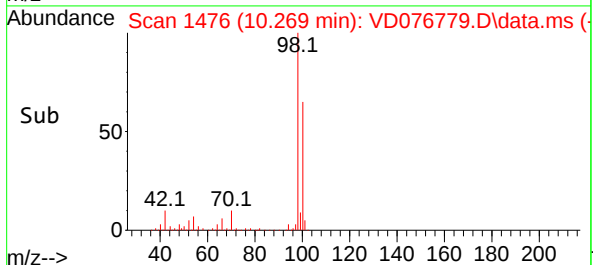
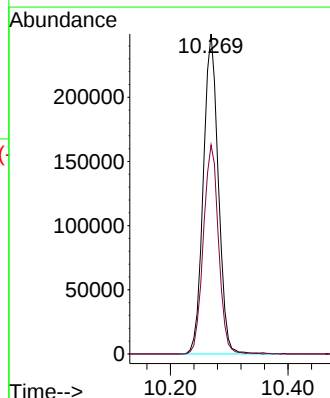
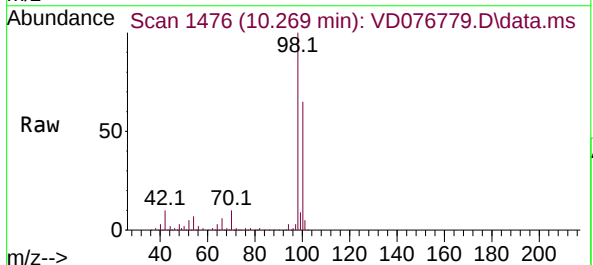
Acq: 18 Jul 2023 15:45

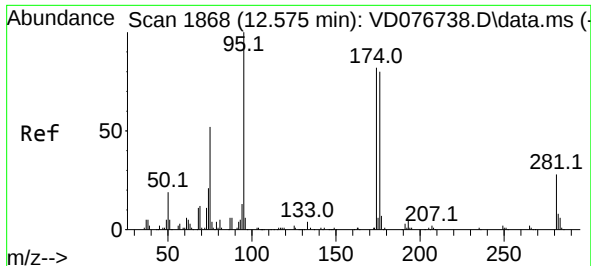
Tgt Ion: 98 Resp: 441893

Ion Ratio Lower Upper

98 100

100 66.1 50.3 75.5

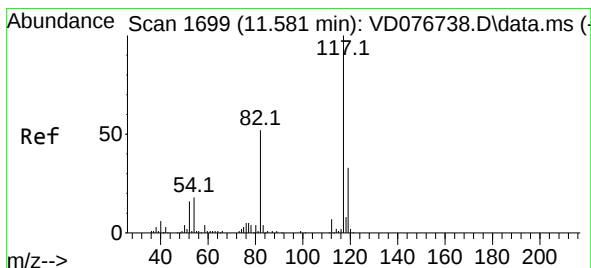
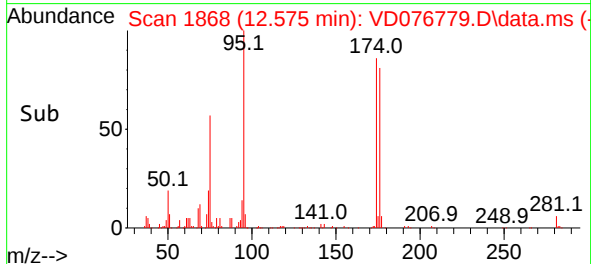
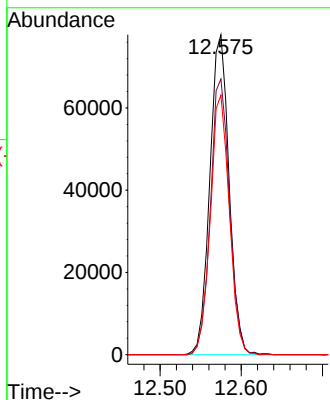
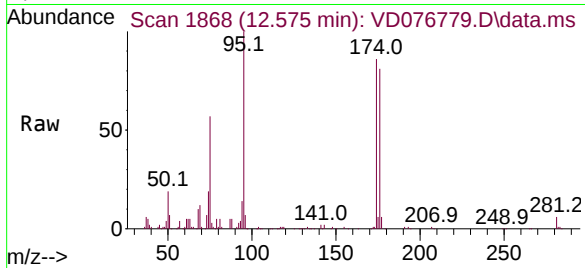




#62
4-Bromofluorobenzene
Concen: 49.787 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076779.D
Acq: 18 Jul 2023 15:45

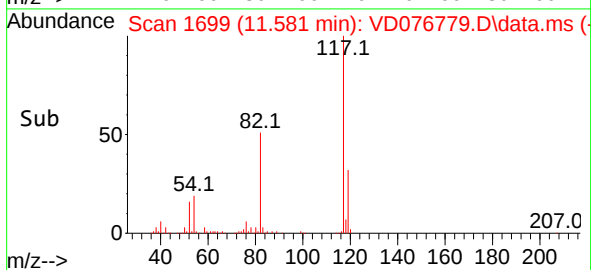
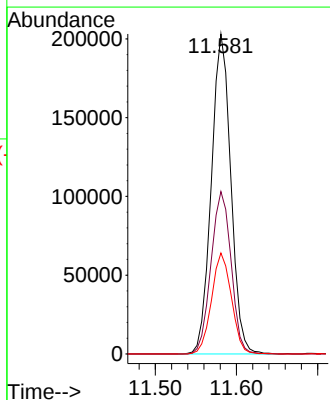
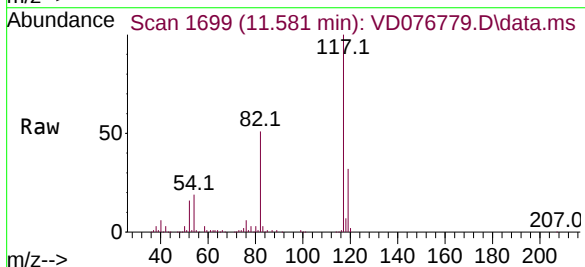
Instrument :
MSVOA_D
ClientSampleId :
TP4

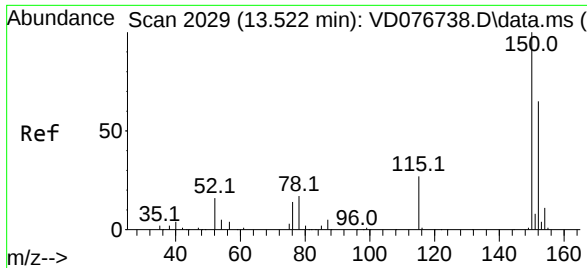
Tgt Ion: 95 Resp: 128123
Ion Ratio Lower Upper
95 100
174 85.5 0.0 201.8
176 80.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076779.D
Acq: 18 Jul 2023 15:45

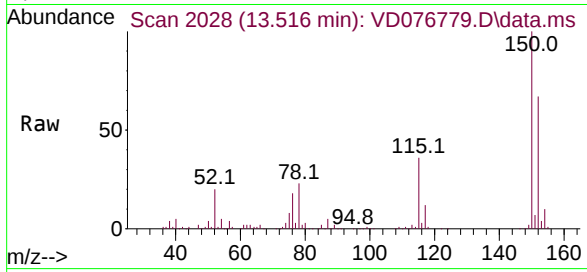
Tgt Ion:117 Resp: 339029
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 31.6 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076779.D
 Acq: 18 Jul 2023 15:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4



Tgt Ion:152 Resp: 144718
 Ion Ratio Lower Upper
 152 100
 115 58.8 27.1 81.3
 150 159.7 0.0 353.6

