

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077155.D
 Acq On : 23 Mar 2023 17:30
 Operator : JC\MD
 Sample : 02048-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 24 01:36:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

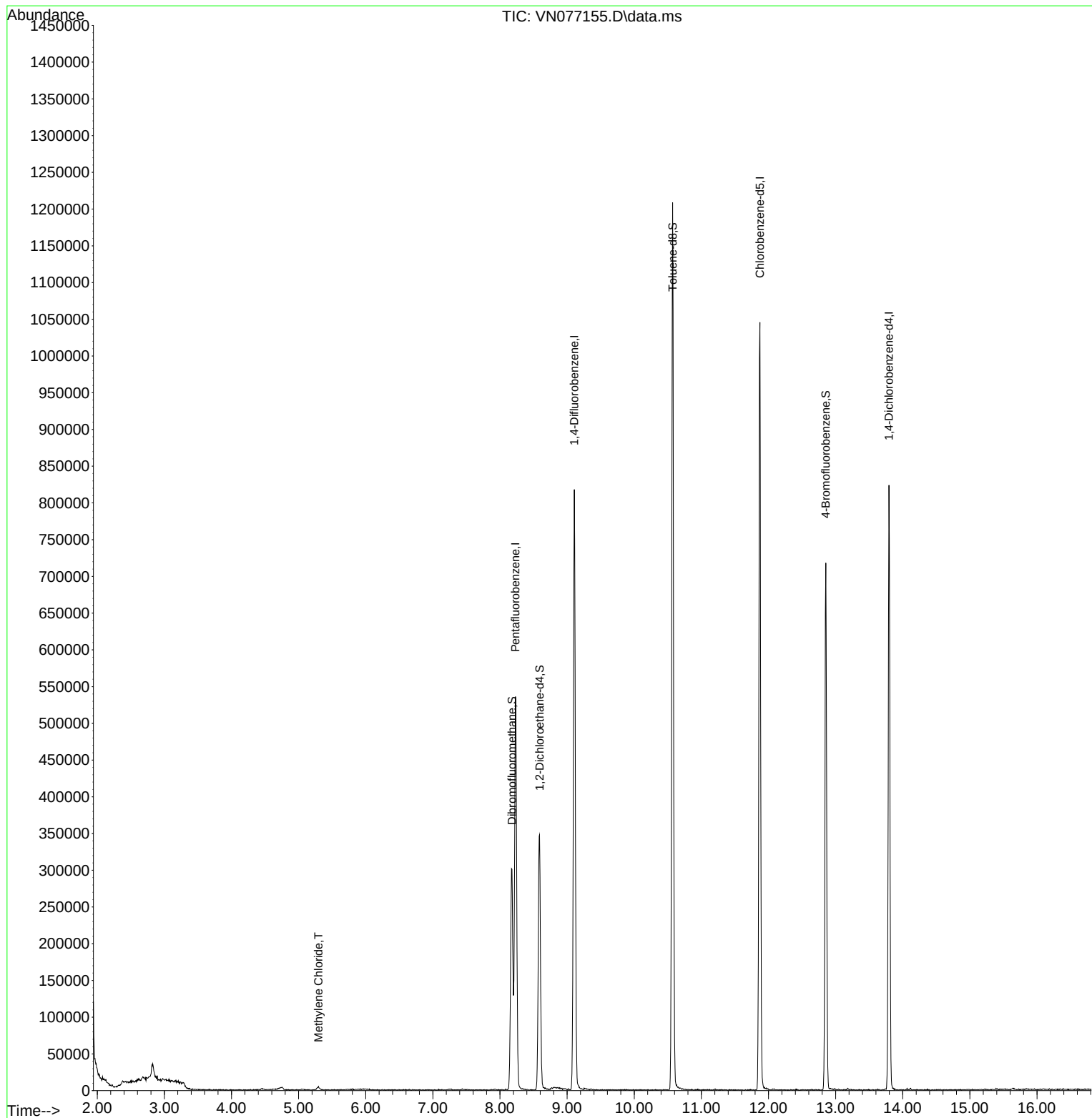
Internal Standards						
1) Pentafluorobenzene	8.231	168	364228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	653864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	571955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	211374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	288379	49.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	8.178	113	215878	47.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	10.572	98	805622	49.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.854	95	232991	40.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.620%#
Target Compounds						
20) Methylene Chloride	5.295	84	3666	0.652	ug/l	Qvalue # 64

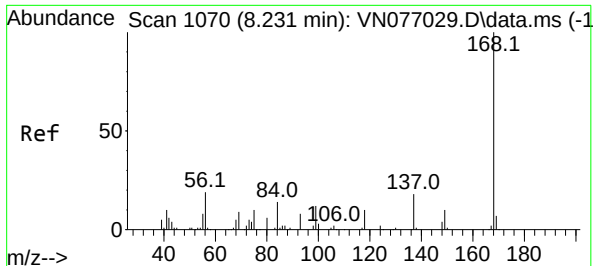
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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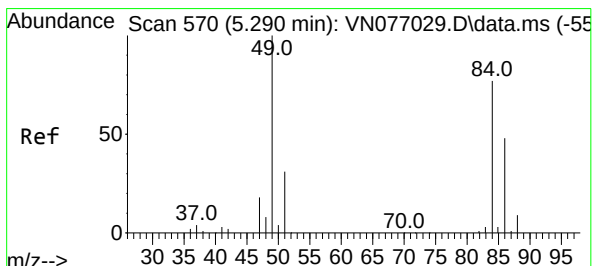
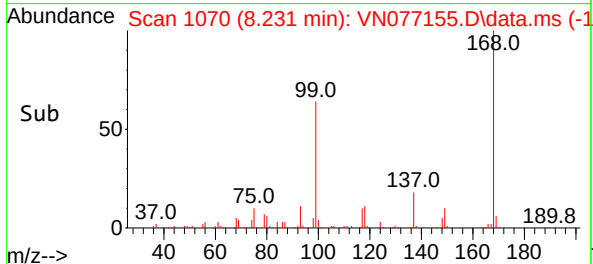
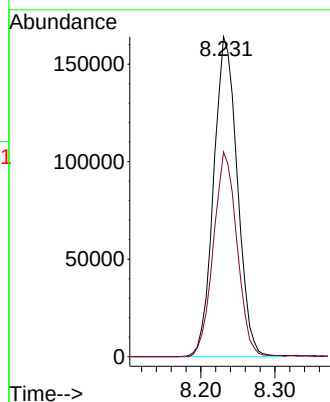
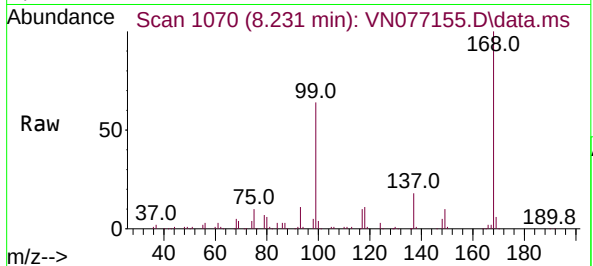




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

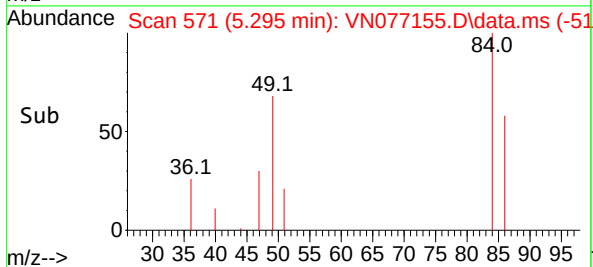
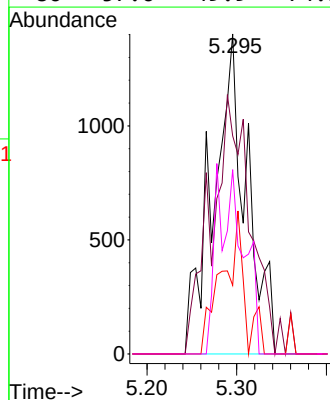
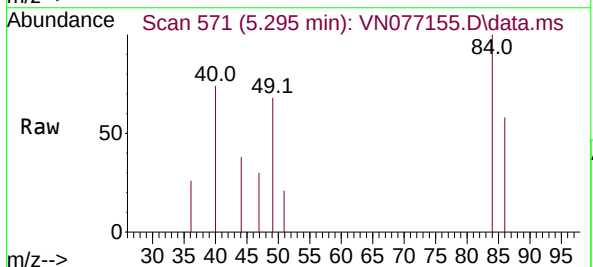
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

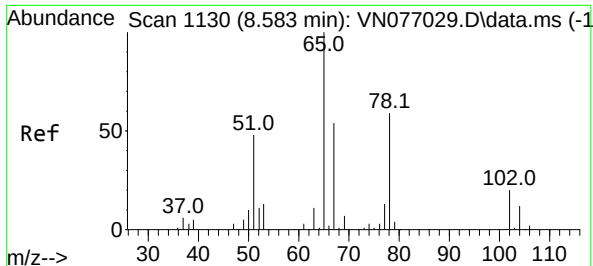
Tgt Ion:168 Resp: 364228
Ion Ratio Lower Upper
168 100
99 64.0 53.9 80.9



#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 84 Resp: 3666
Ion Ratio Lower Upper
84 100
49 68.1 103.8 155.6#
51 21.5 32.3 48.5#
86 57.6 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 49.568 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077155.D

Acq: 23 Mar 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

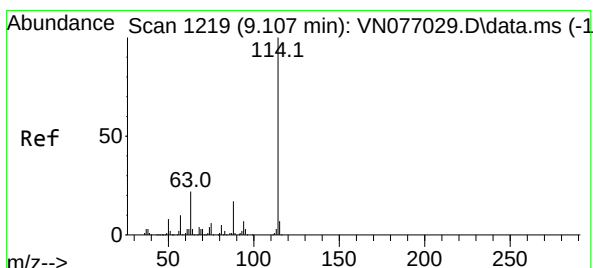
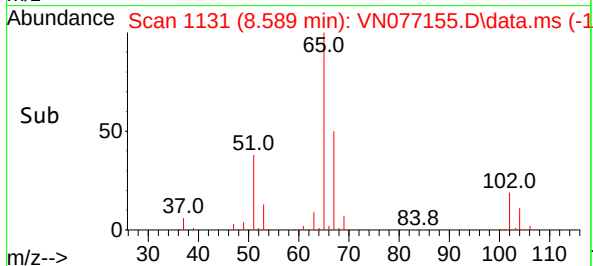
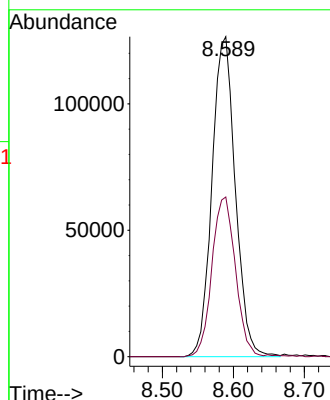
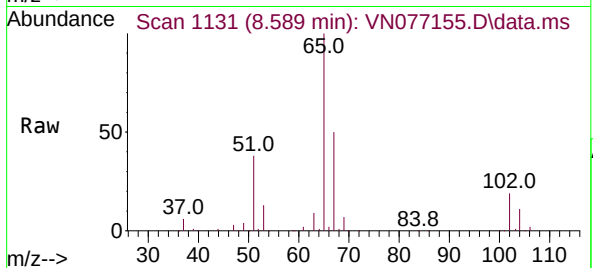
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Tgt Ion: 65 Resp: 288379

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077155.D

Acq: 23 Mar 2023 17:30

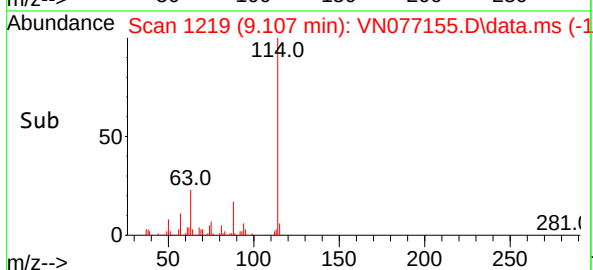
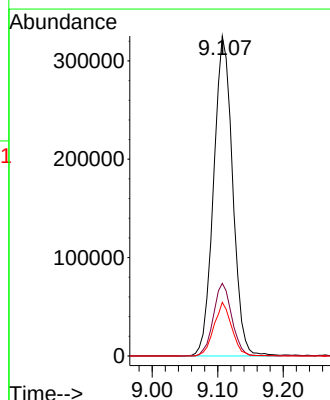
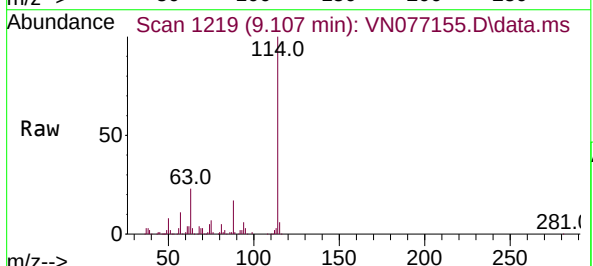
Tgt Ion: 114 Resp: 653864

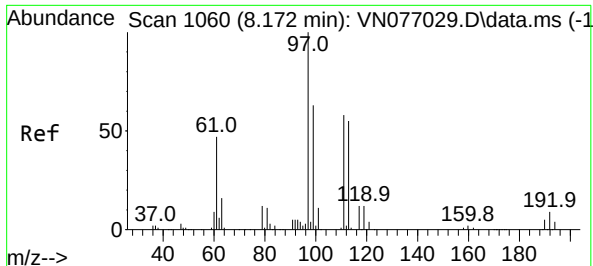
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.144 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN077155.D

Acq: 23 Mar 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

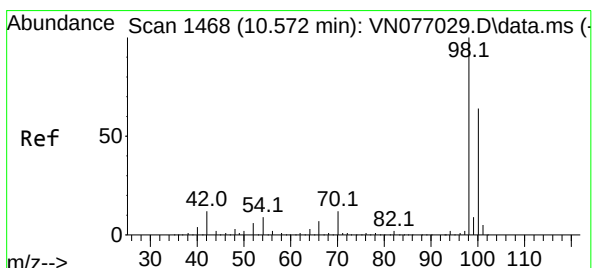
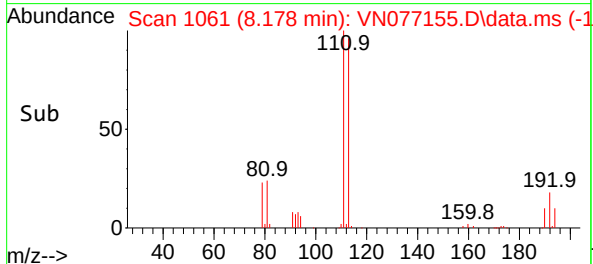
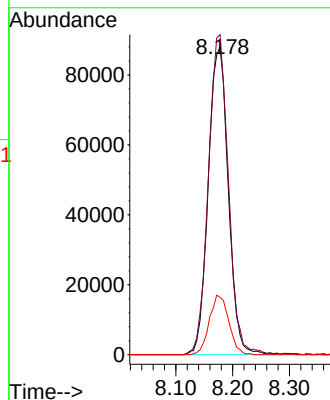
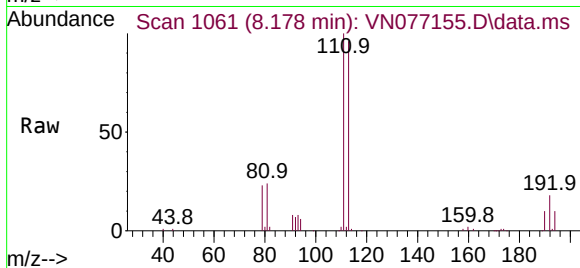
Tgt Ion:113 Resp: 215878

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 18.7 13.0 19.6



#50

Toluene-d8

Concen: 49.252 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077155.D

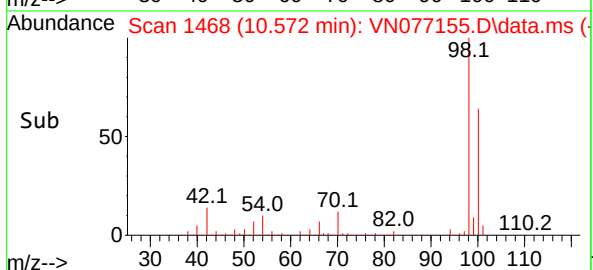
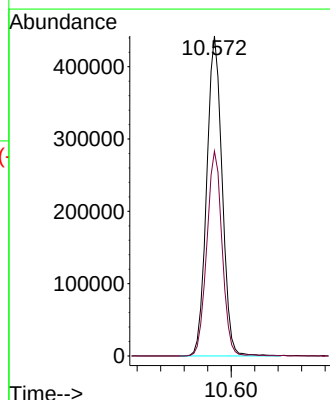
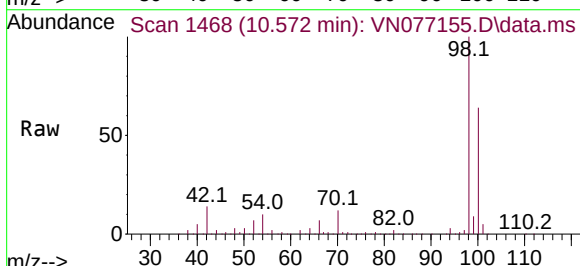
Acq: 23 Mar 2023 17:30

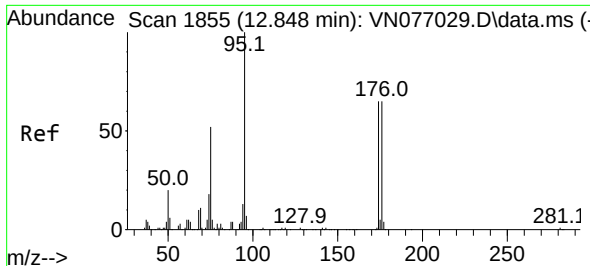
Tgt Ion: 98 Resp: 805622

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4

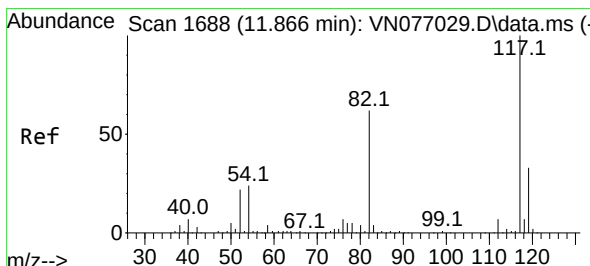
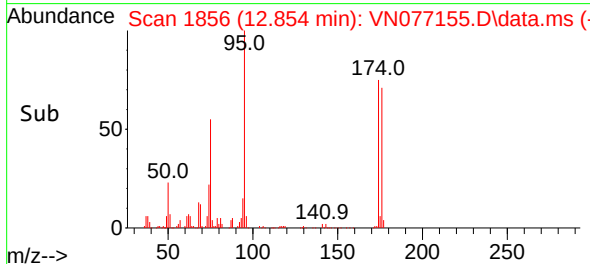
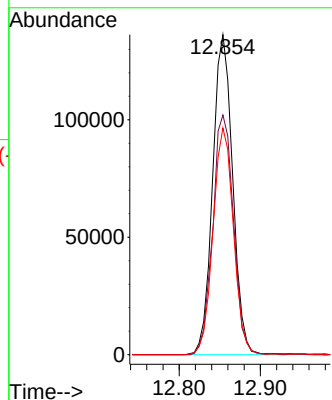
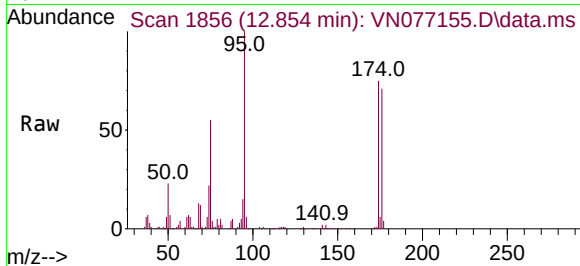




#62
4-Bromofluorobenzene
Concen: 40.310 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

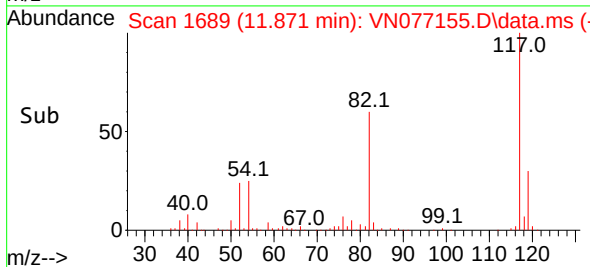
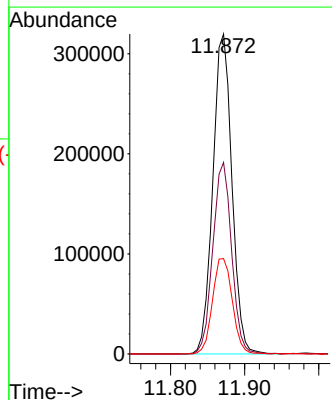
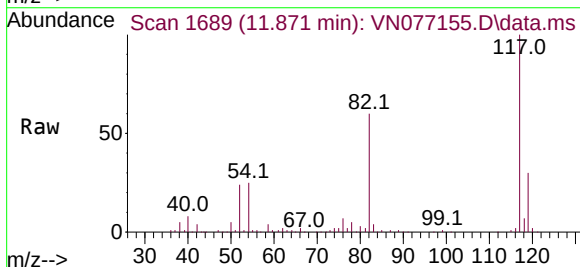
Instrument :
MSVOA_N
ClientSampleId :
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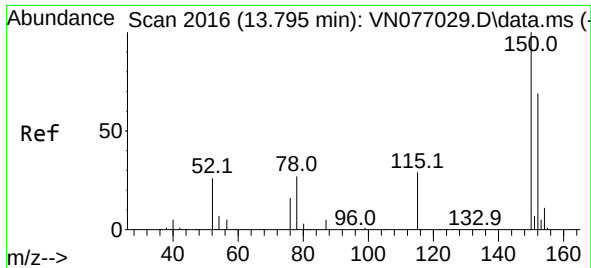
Tgt Ion: 95 Resp: 232991
Ion Ratio Lower Upper
95 100
174 77.7 0.0 136.6
176 72.4 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077155.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 117 Resp: 571955
Ion Ratio Lower Upper
117 100
82 59.8 49.4 74.0
119 29.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077155.D

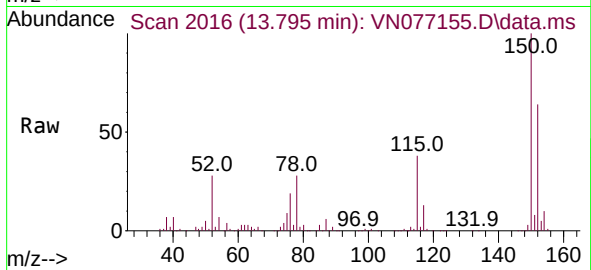
Acq: 23 Mar 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK



Tgt Ion:152 Resp: 211374

Ion Ratio Lower Upper

152 100

115 58.9 31.9 95.7

150 156.0 0.0 348.0

