

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077052.D
 Acq On : 17 Mar 2023 23:02
 Operator : JC\MD
 Sample : 01941-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT205S1-20230314

Quant Time: Mar 18 02:37:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

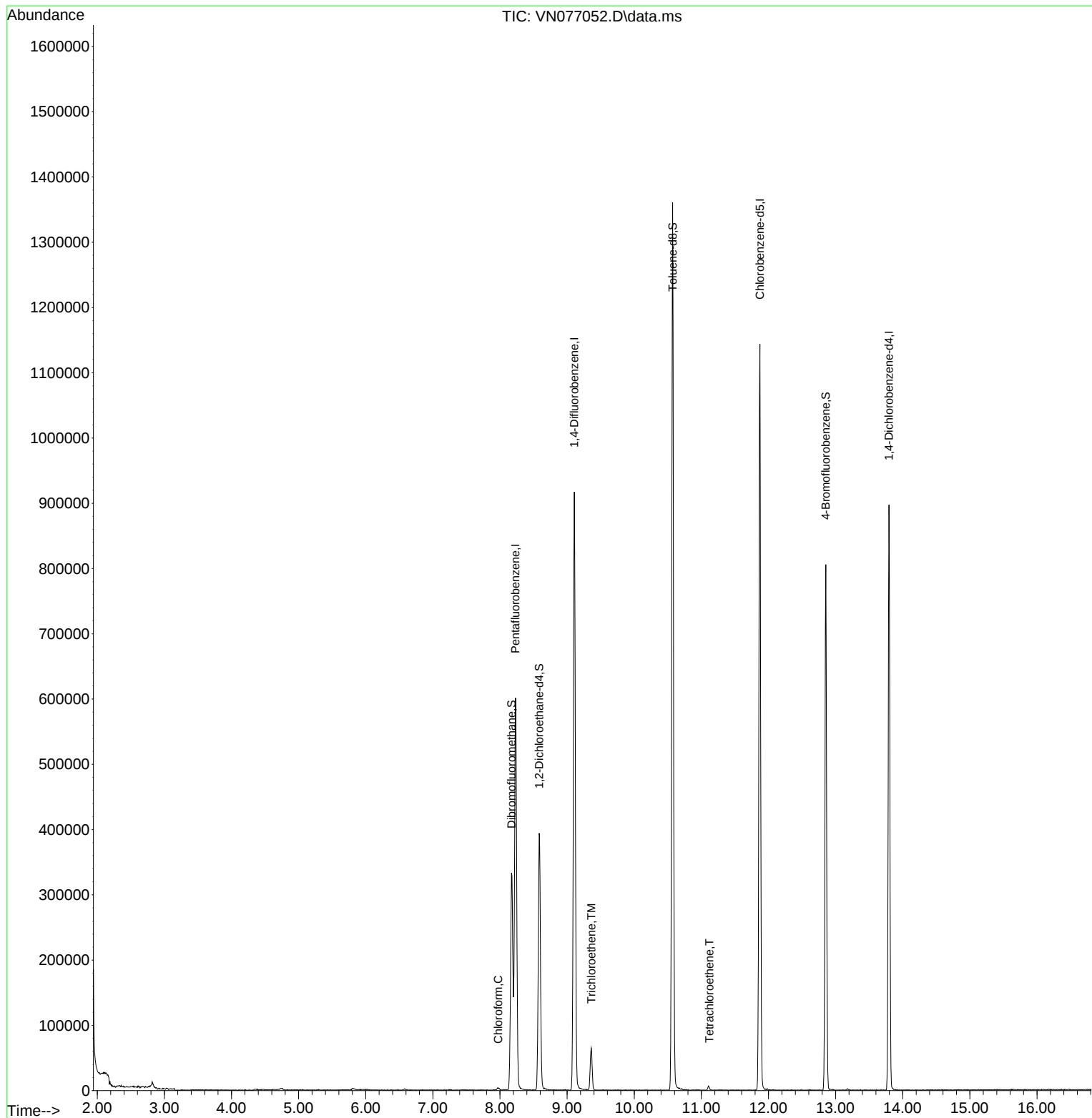
Internal Standards						
1) Pentafluorobenzene	8.230	168	407751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	745387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	226352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	325319	49.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.172	113	243067	46.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	10.571	98	897947	48.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.854	95	279275	42.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.760%
Target Compounds						
					Qvalue	
30) Chloroform	7.972	83	3721	0.337	ug/l	89
44) Trichloroethene	9.360	130	22827	4.019	ug/l	95
64) Tetrachloroethene	11.118	164	1415	0.337	ug/l #	60

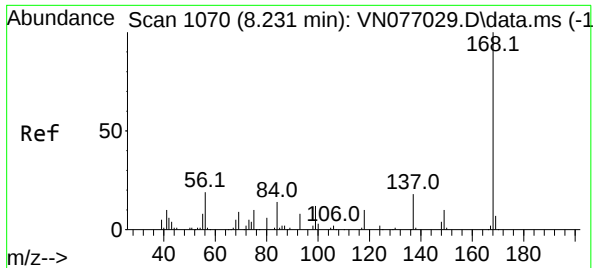
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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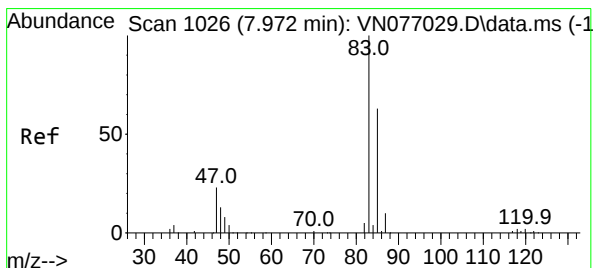
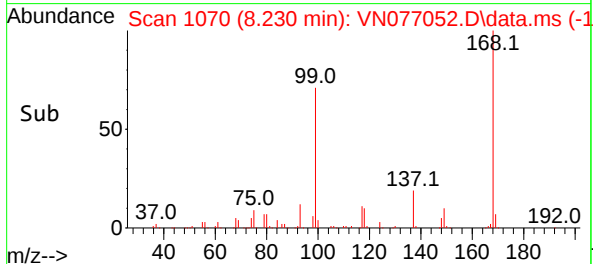
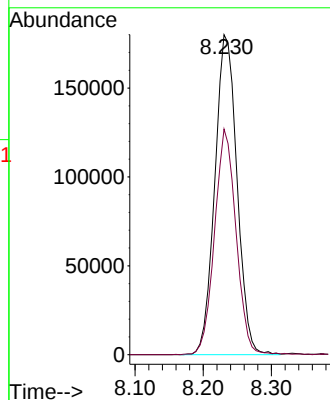
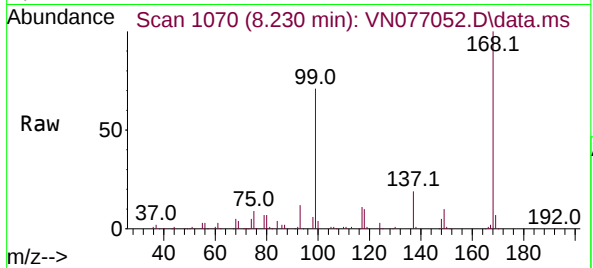




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

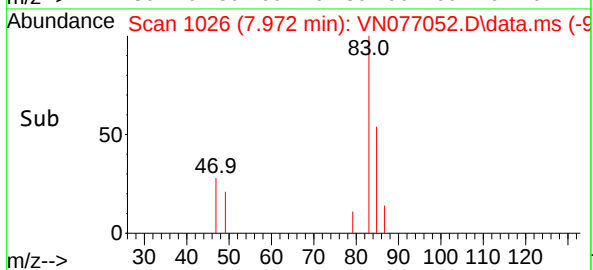
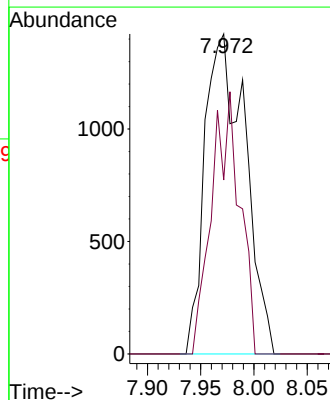
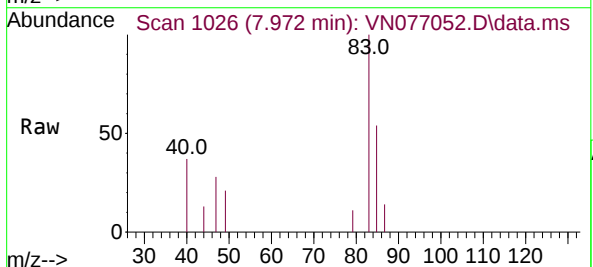
Instrument :
MSVOA_N
ClientSampleId :
TT205S1-20230314

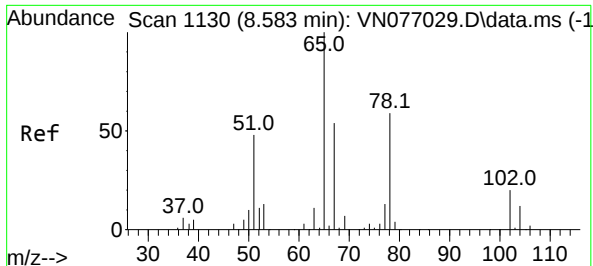
Tgt Ion:168 Resp: 407751
Ion Ratio Lower Upper
168 100
99 70.5 53.9 80.9



#30
Chloroform
Concen: 0.337 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion: 83 Resp: 3721
Ion Ratio Lower Upper
83 100
85 54.3 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 49.948 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

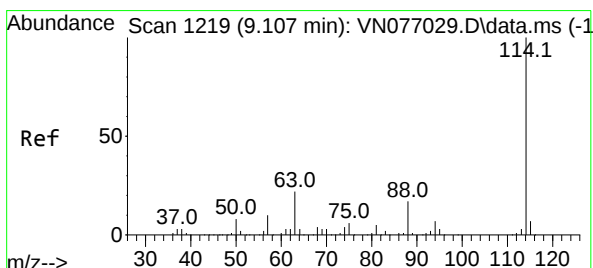
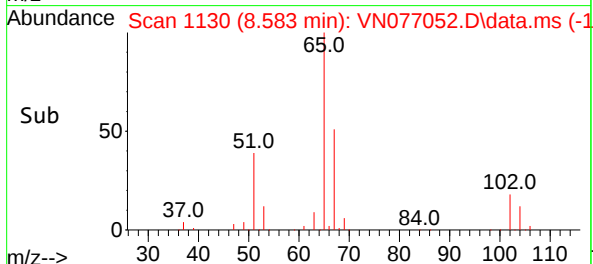
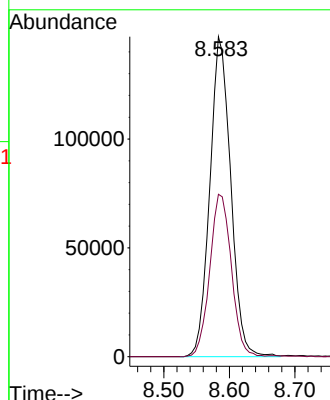
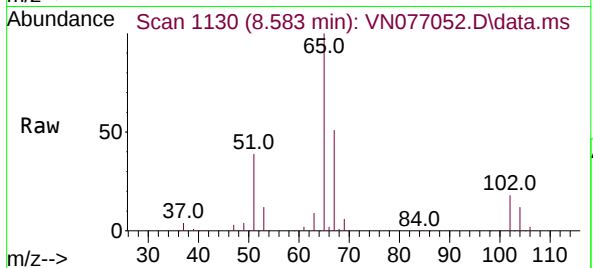
TT205S1-20230314

Tgt Ion: 65 Resp: 325319

Ion Ratio Lower Upper

65 100

67 52.3 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: VN077052.D

Acq: 17 Mar 2023 23:02

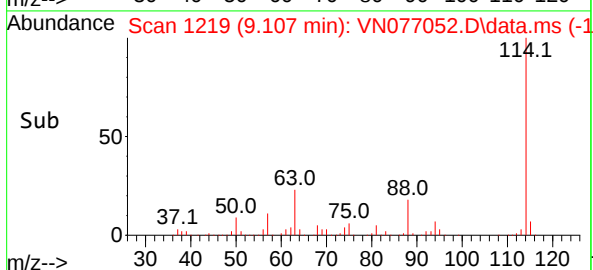
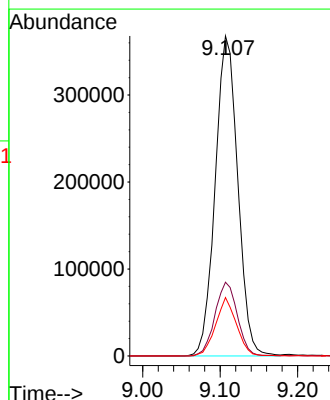
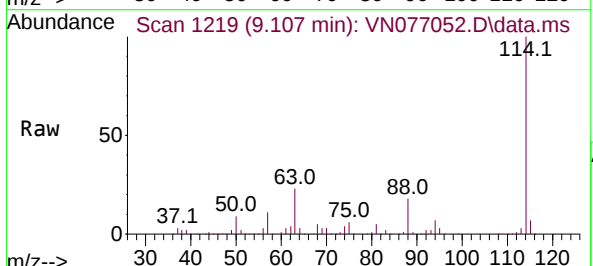
Tgt Ion: 114 Resp: 745387

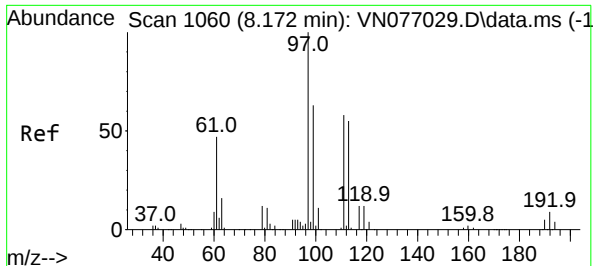
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 18.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.564 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20230314

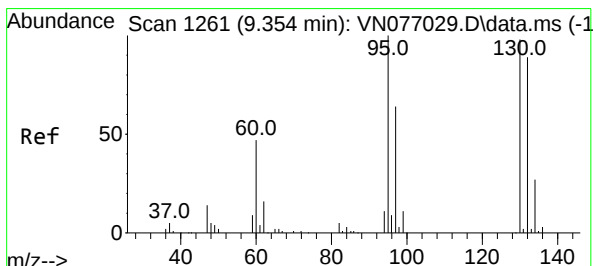
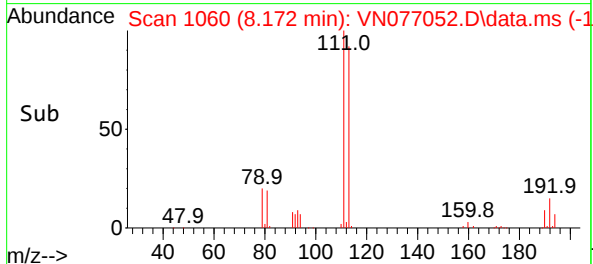
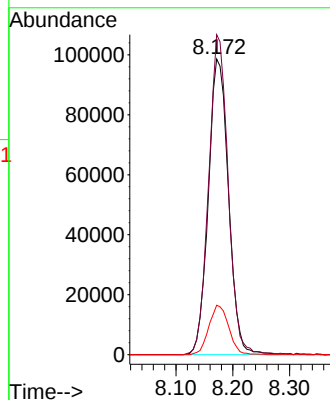
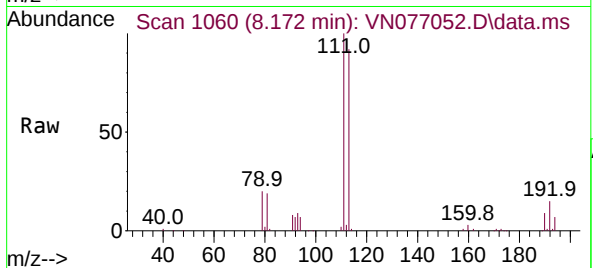
Tgt Ion:113 Resp: 243067

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.2

192 16.5 13.0 19.6



#44

Trichloroethene

Concen: 4.019 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077052.D

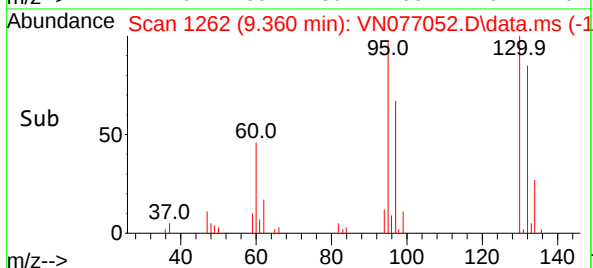
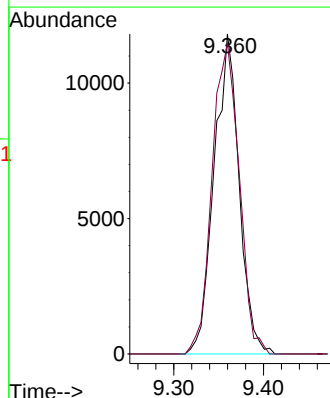
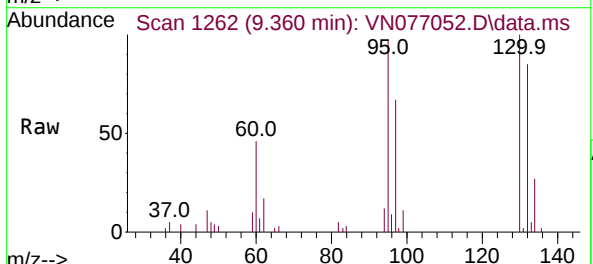
Acq: 17 Mar 2023 23:02

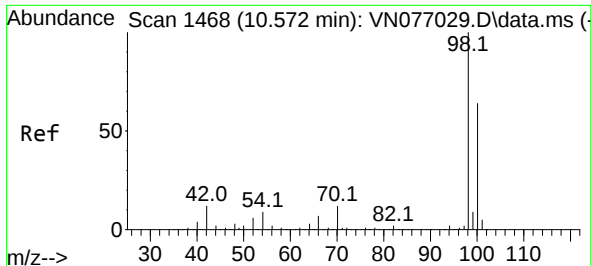
Tgt Ion:130 Resp: 22827

Ion Ratio Lower Upper

130 100

95 97.1 0.0 204.4

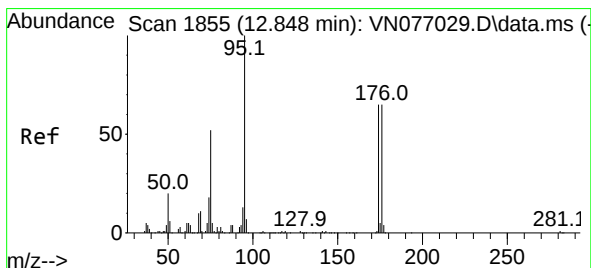
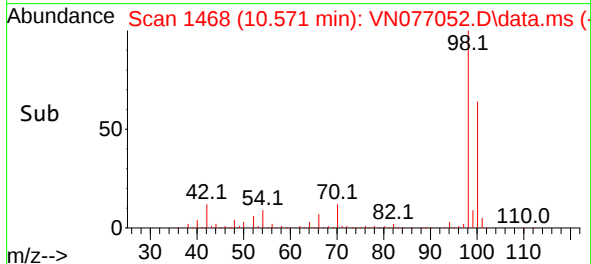
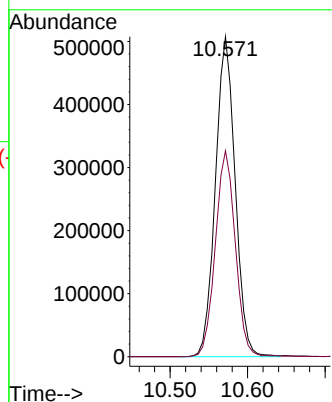
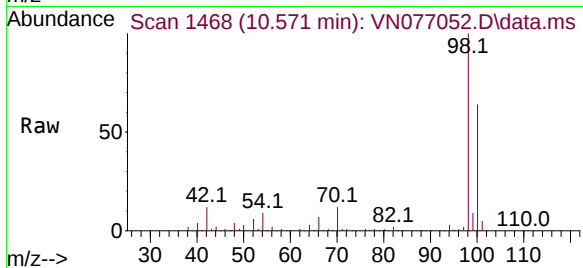




#50
Toluene-d8
Concen: 48.156 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

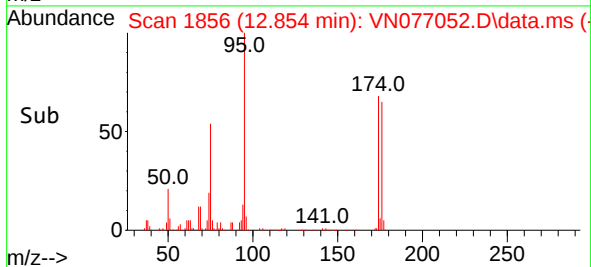
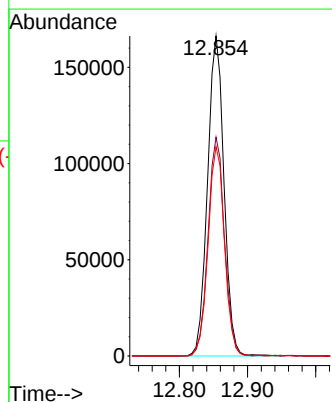
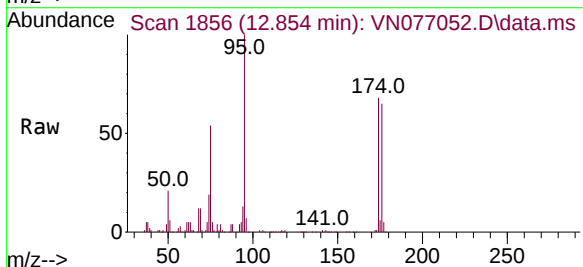
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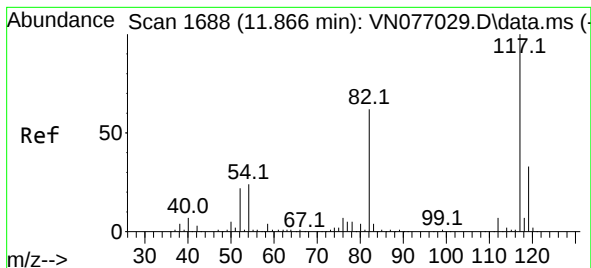
Tgt Ion: 98 Resp: 897947
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.385 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077052.D
Acq: 17 Mar 2023 23:02

Tgt Ion: 95 Resp: 279275
Ion Ratio Lower Upper
95 100
174 68.4 0.0 136.6
176 65.0 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20230314

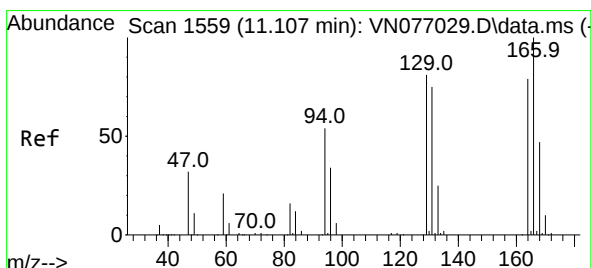
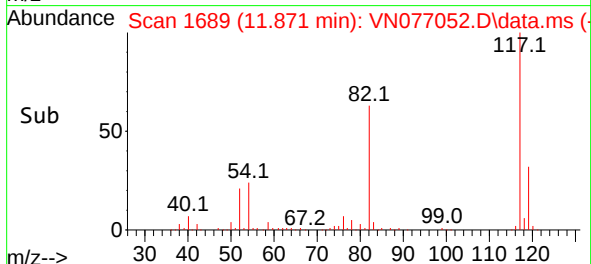
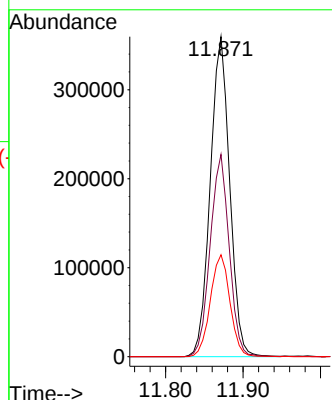
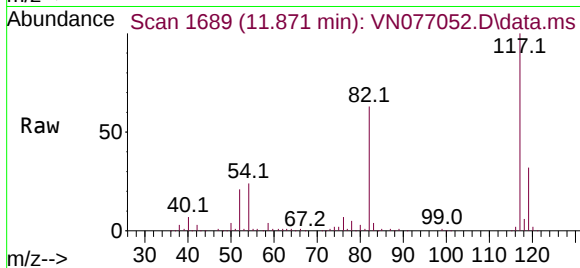
Tgt Ion:117 Resp: 625790

Ion Ratio Lower Upper

117 100

82 63.2 49.4 74.0

119 31.9 26.5 39.7



#64

Tetrachloroethene

Concen: 0.337 ug/l

RT: 11.118 min Scan# 1561

Delta R.T. 0.012 min

Lab File: VN077052.D

Acq: 17 Mar 2023 23:02

Tgt Ion:164 Resp: 1415

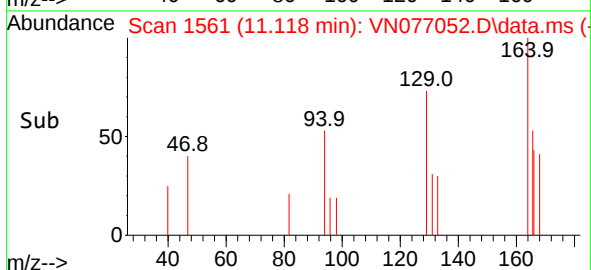
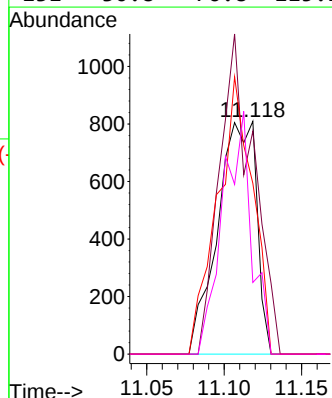
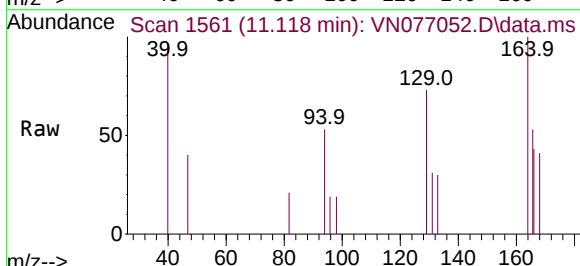
Ion Ratio Lower Upper

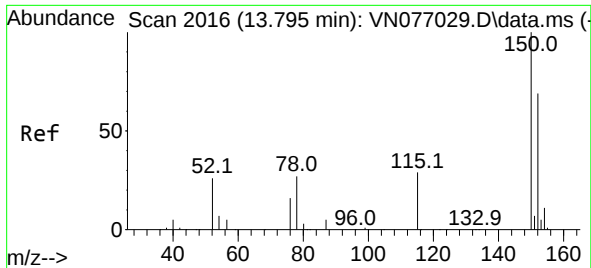
164 100

166 95.8 101.9 152.9#

129 73.4 82.6 123.8#

131 30.8 76.8 115.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077052.D

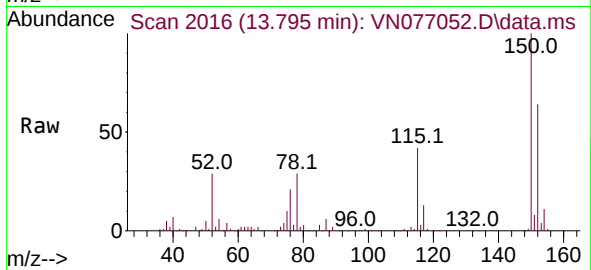
Acq: 17 Mar 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

TT205S1-20230314



Tgt Ion:152 Resp: 226352

Ion Ratio Lower Upper

152 100

115 65.0 31.9 95.7

150 158.0 0.0 348.0

