

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077795.D
 Acq On : 22 May 2023 17:29
 Operator : JC\MD
 Sample : 02880-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519

Quant Time: May 23 04:20:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

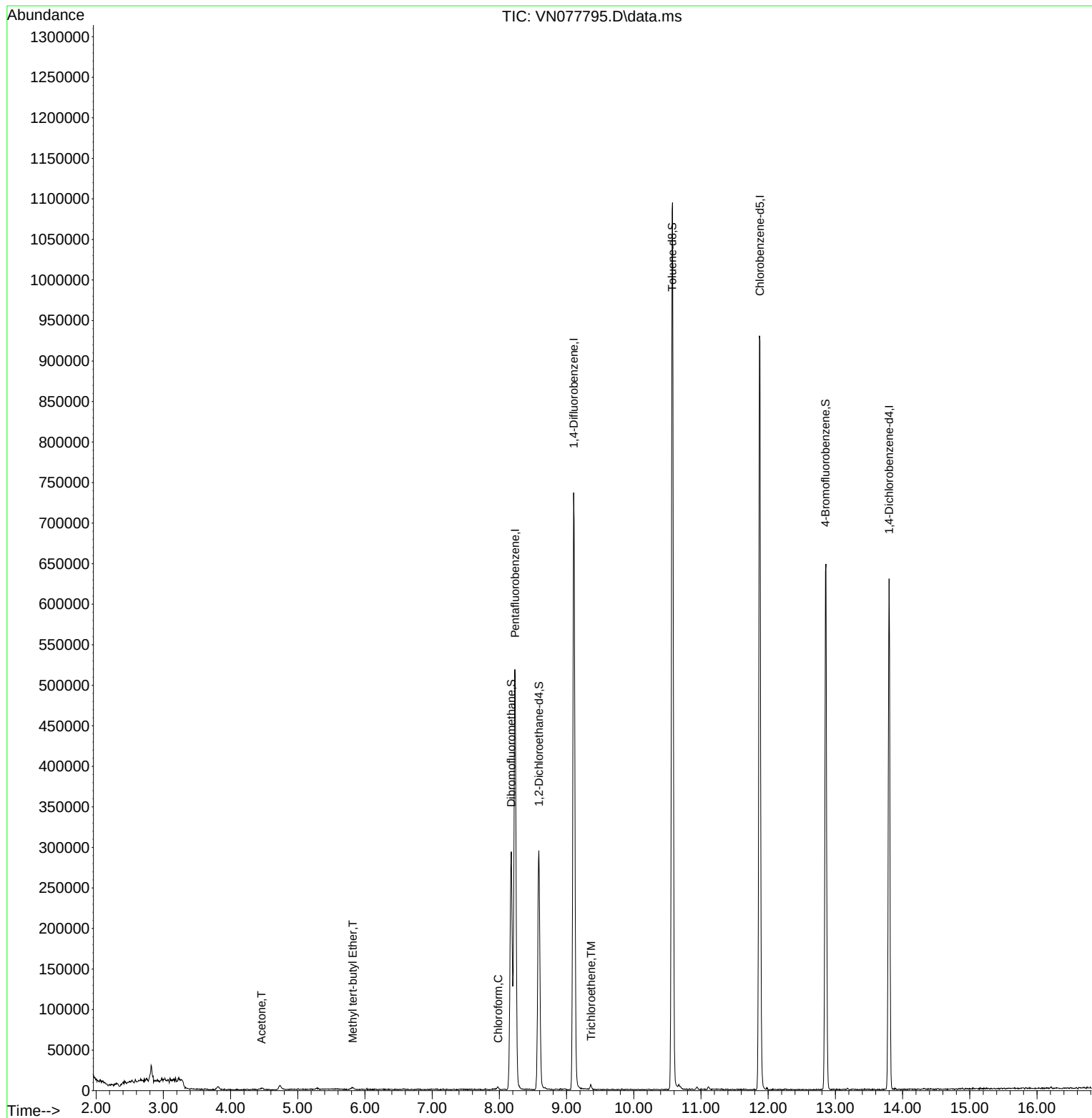
Internal Standards						
1) Pentafluorobenzene	8.236	168	366692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	659575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	566257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	169548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	247904	45.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.360%
35) Dibromofluoromethane	8.177	113	214225	49.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	10.571	98	809956	48.925	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.853	95	239703	40.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.000%#
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	3963	2.296	ug/l #	82
19) Methyl tert-butyl Ether	5.818	73	3347	0.240	ug/l	98
30) Chloroform	7.983	83	2704	0.302	ug/l #	43
44) Trichloroethene	9.365	130	1668	0.355	ug/l	83

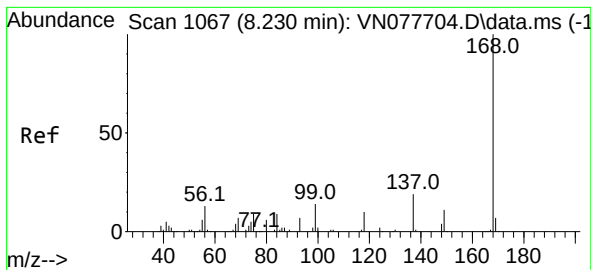
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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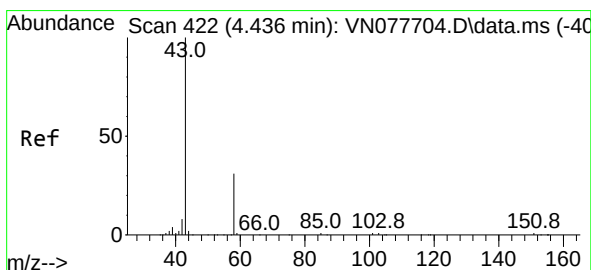
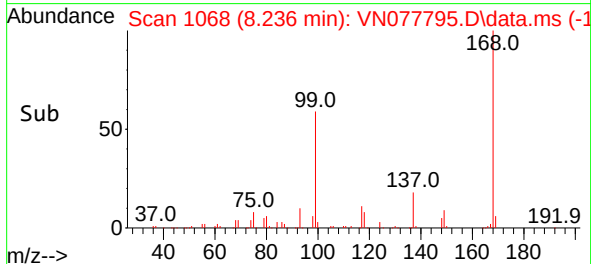
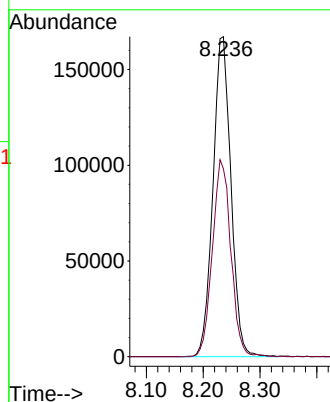
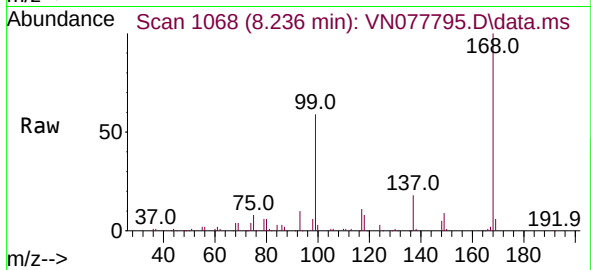




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077795.D
Acq: 22 May 2023 17:29

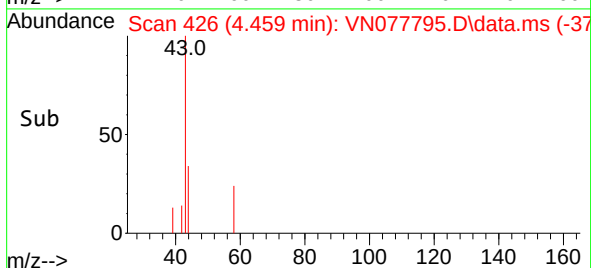
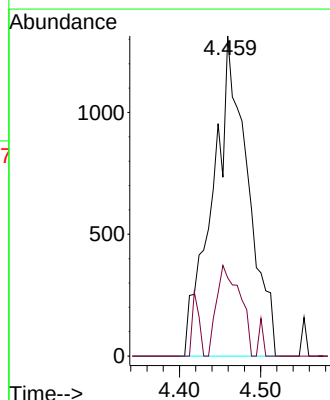
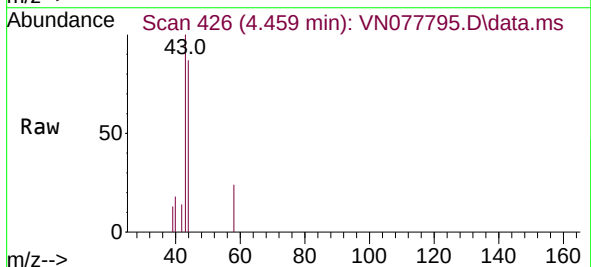
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

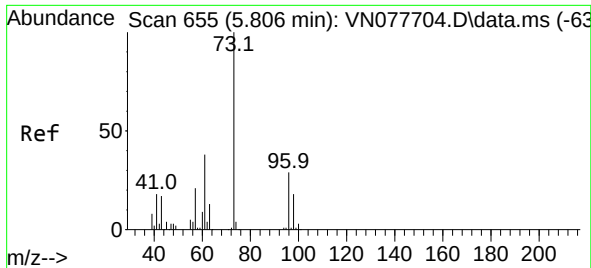
Tgt Ion:168 Resp: 366692
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#16
Acetone
Concen: 2.296 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN077795.D
Acq: 22 May 2023 17:29

Tgt Ion: 43 Resp: 3963
Ion Ratio Lower Upper
43 100
58 24.4 28.0 42.0#

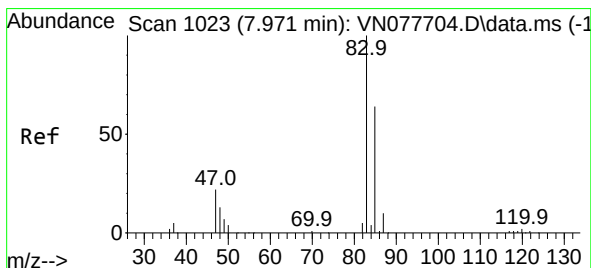
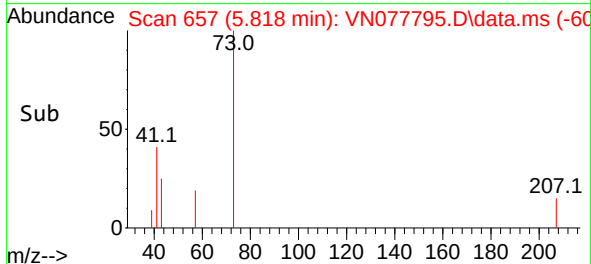
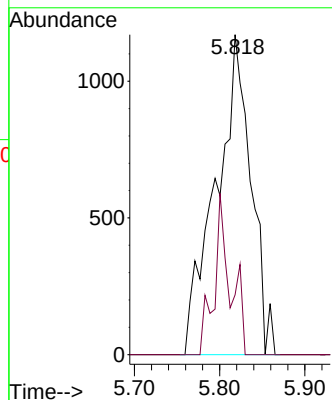
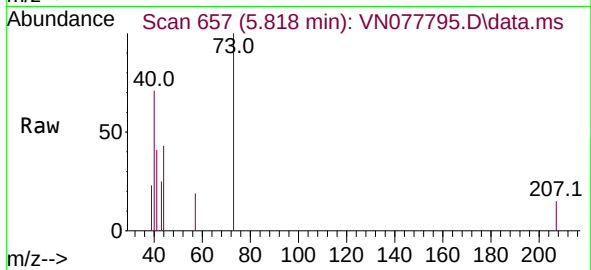




#19
Methyl tert-butyl Ether
Concen: 0.240 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN077795.D
Acq: 22 May 2023 17:29

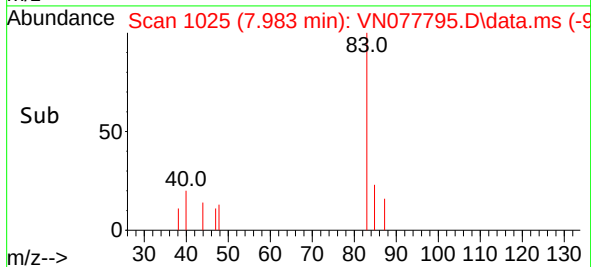
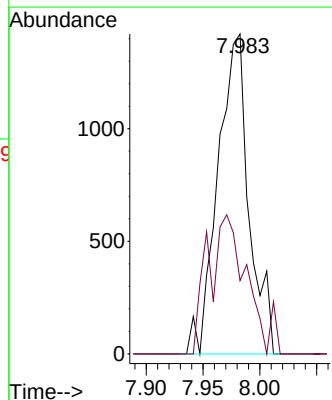
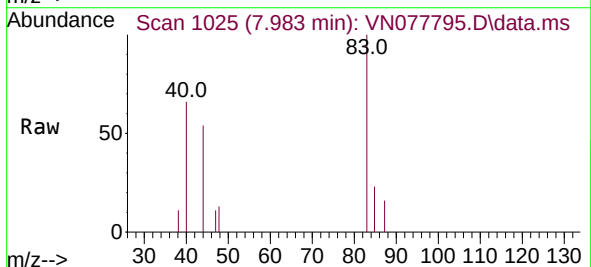
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

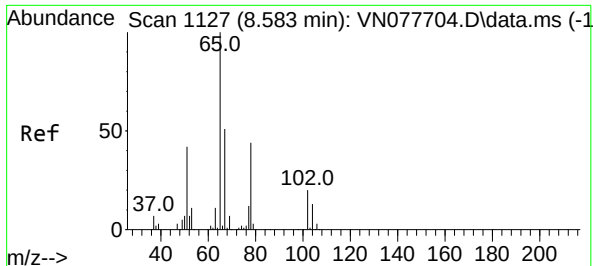
Tgt Ion: 73 Resp: 3347
Ion Ratio Lower Upper
73 100
57 18.7 15.6 23.4



#30
Chloroform
Concen: 0.302 ug/l
RT: 7.983 min Scan# 1025
Delta R.T. 0.012 min
Lab File: VN077795.D
Acq: 22 May 2023 17:29

Tgt Ion: 83 Resp: 2704
Ion Ratio Lower Upper
83 100
85 22.9 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 45.183 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077795.D

Acq: 22 May 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

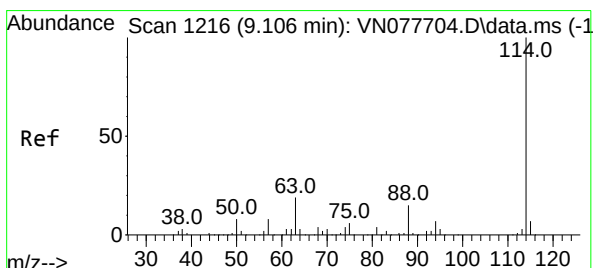
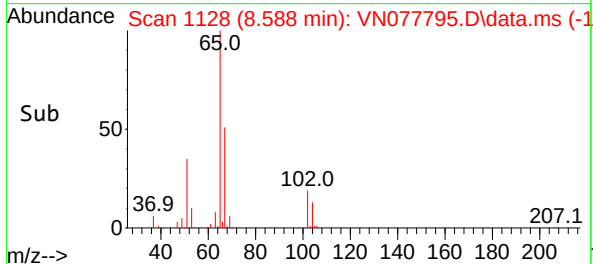
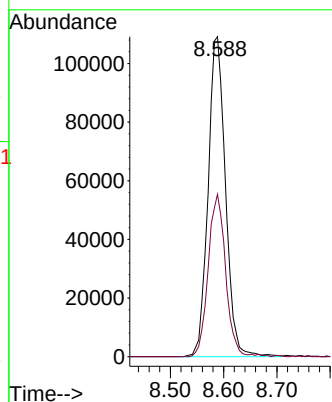
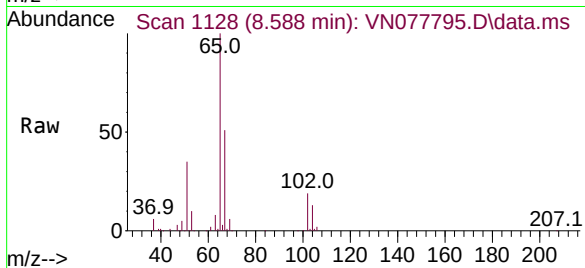
TT15811-20230519

Tgt Ion: 65 Resp: 247904

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077795.D

Acq: 22 May 2023 17:29

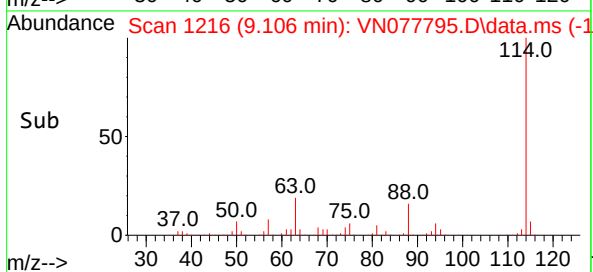
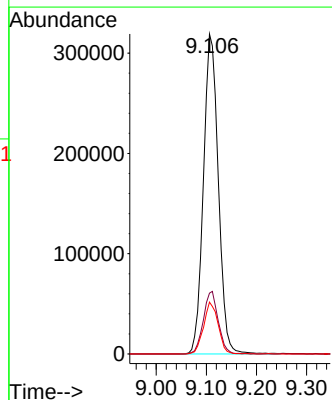
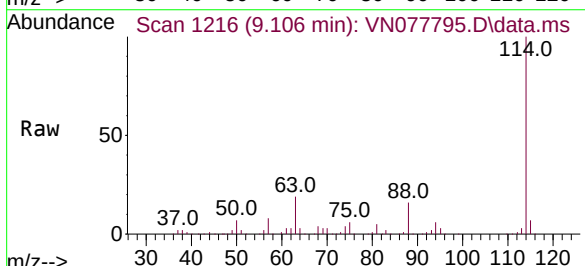
Tgt Ion: 114 Resp: 659575

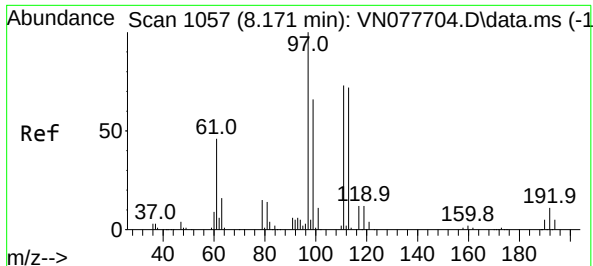
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.808 ug/l

RT: 8.177 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN077795.D

Acq: 22 May 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519

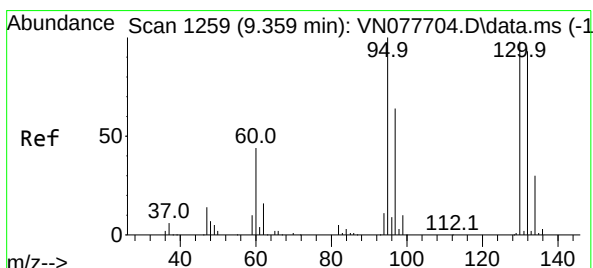
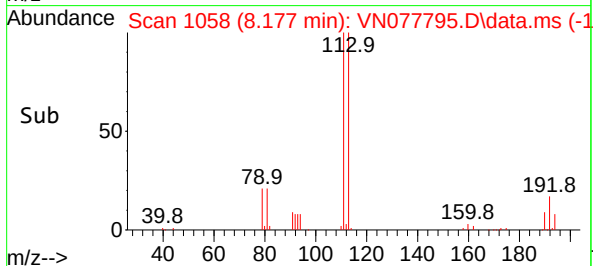
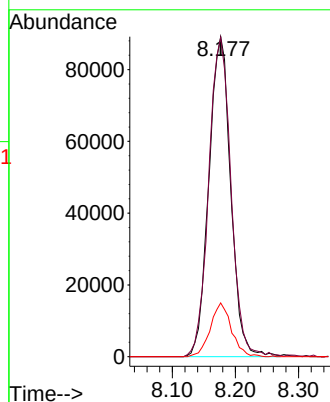
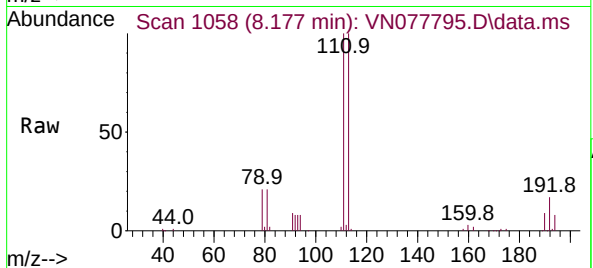
Tgt Ion:113 Resp: 214225

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 16.3 12.7 19.1



#44

Trichloroethene

Concen: 0.355 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN077795.D

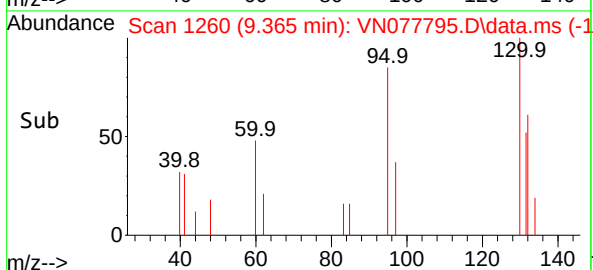
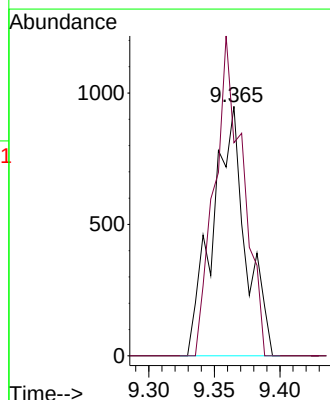
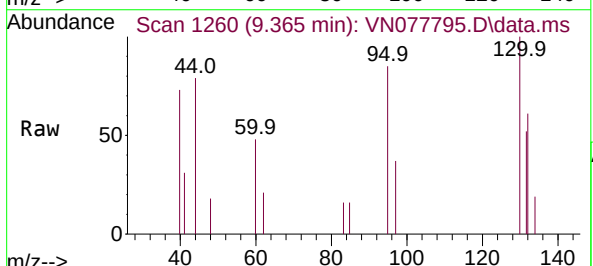
Acq: 22 May 2023 17:29

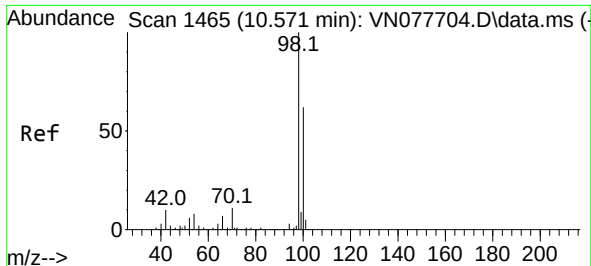
Tgt Ion:130 Resp: 1668

Ion Ratio Lower Upper

130 100

95 85.5 0.0 204.6

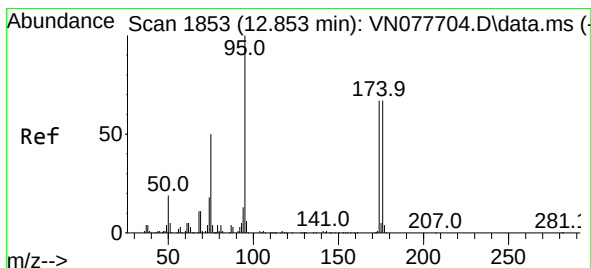
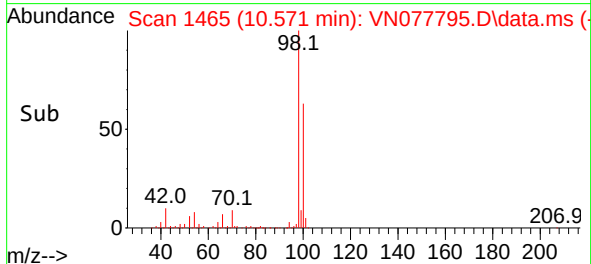
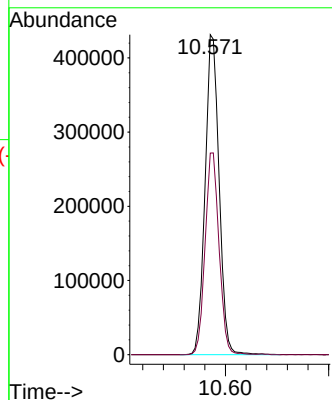
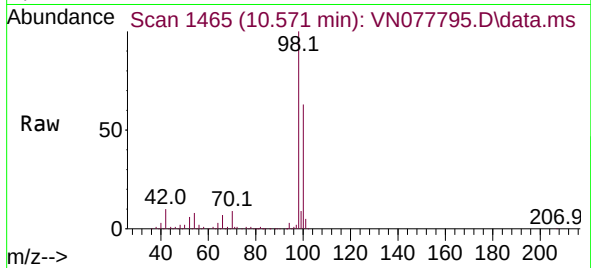




#50
Toluene-d8
Concen: 48.925 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077795.D
Acq: 22 May 2023 17:29

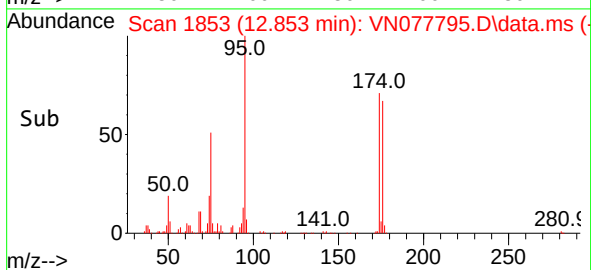
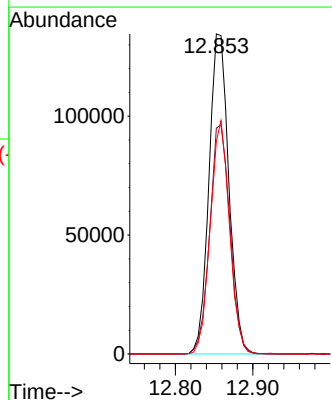
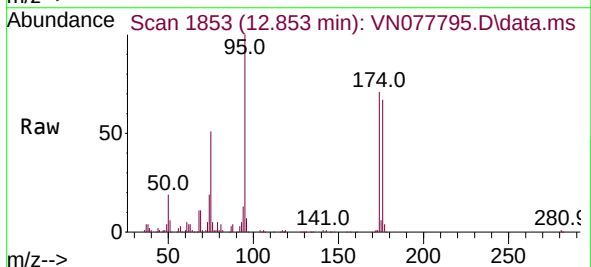
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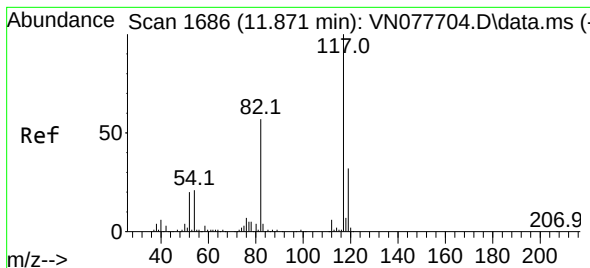
Tgt Ion: 98 Resp: 809956
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.997 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077795.D
Acq: 22 May 2023 17:29

Tgt Ion: 95 Resp: 239703
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 70.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.876 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077795.D

Acq: 22 May 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519

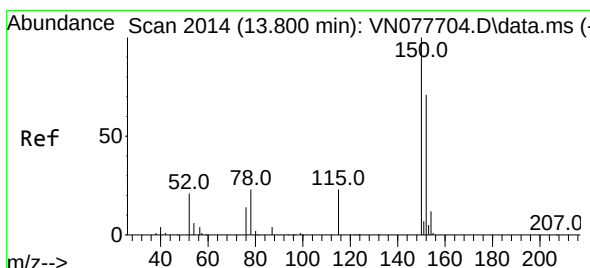
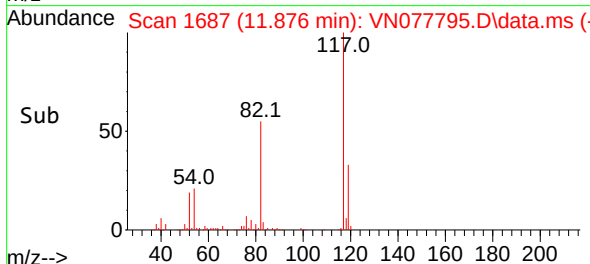
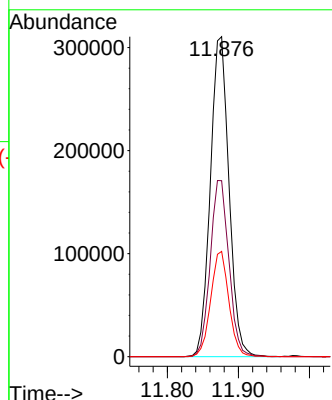
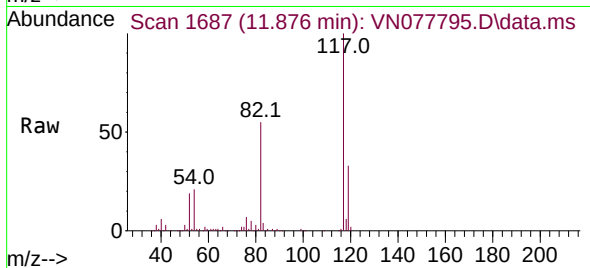
Tgt Ion:117 Resp: 566257

Ion Ratio Lower Upper

117 100

82 55.0 44.0 66.0

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077795.D

Acq: 22 May 2023 17:29

Tgt Ion:152 Resp: 169548

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 158.5 0.0 355.8

