

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077931.D
 Acq On : 26 May 2023 16:41
 Operator : JC\MD
 Sample : 02955-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP05

Quant Time: May 29 00:30:42 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)

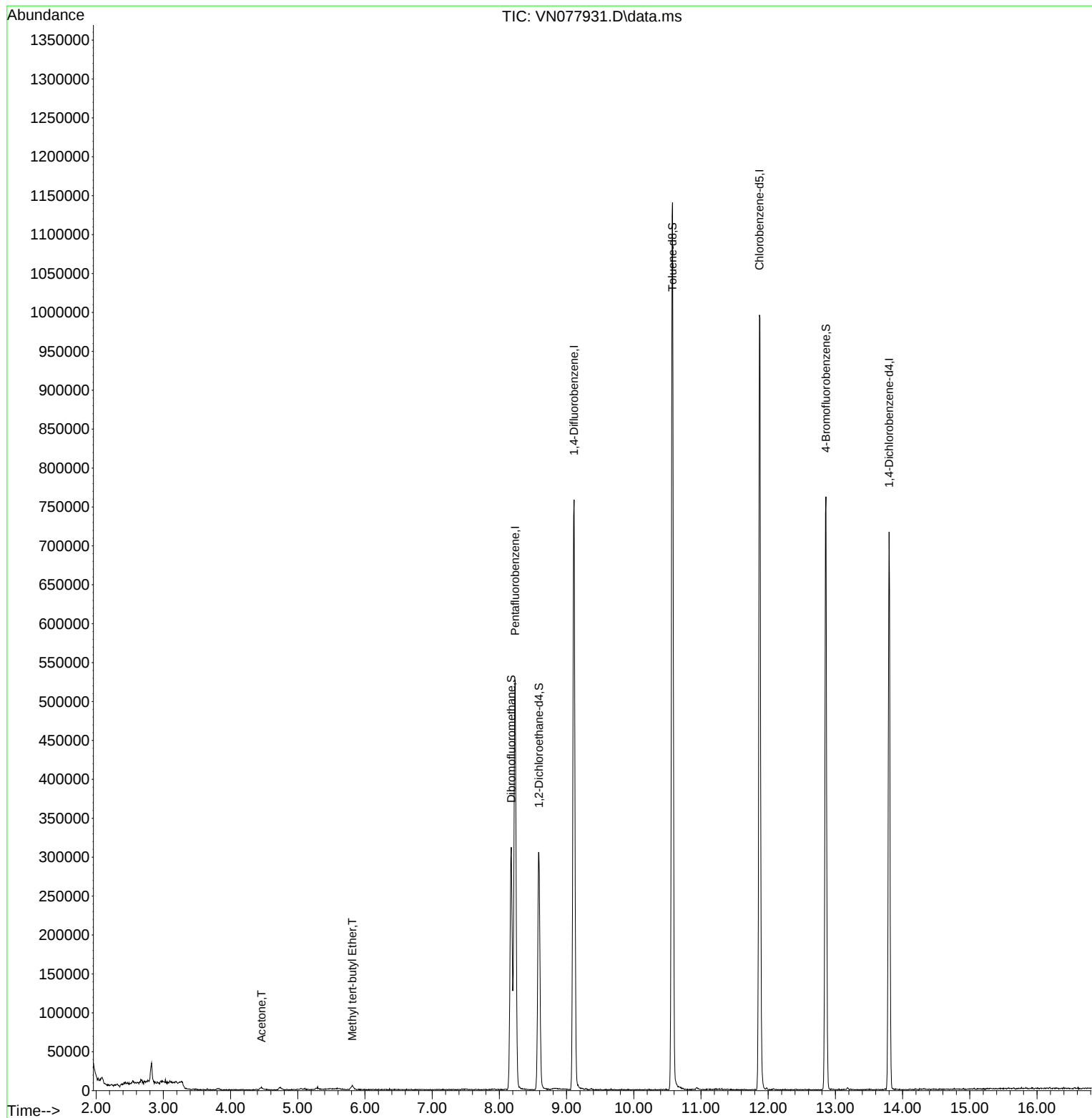
Internal Standards						
1) Pentafluorobenzene	8.235	168	371228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	675540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	602489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	198646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	261057	46.999	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.000%
35) Dibromofluoromethane	8.177	113	222128	50.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	10.576	98	841772	49.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.859	95	278350	46.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.960%
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	3575	2.046	ug/l #	87
19) Methyl tert-butyl Ether	5.812	73	6665	0.472	ug/l	97

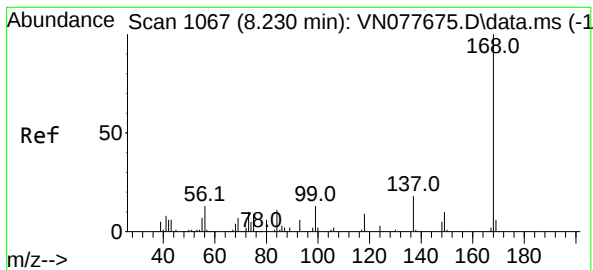
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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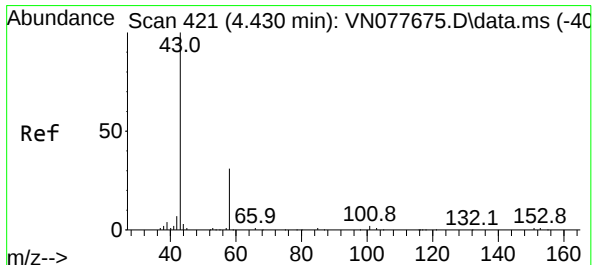
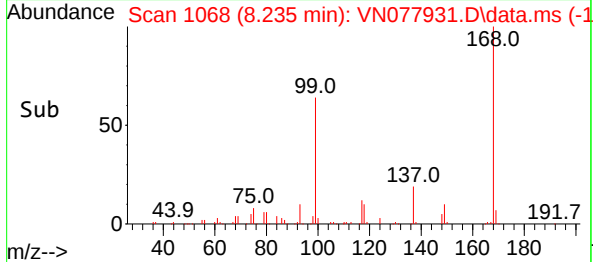
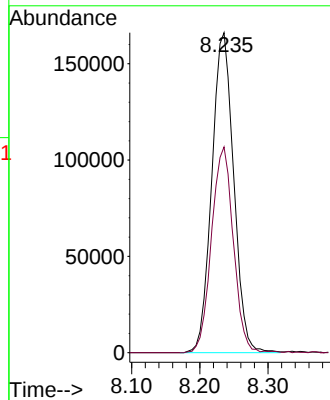
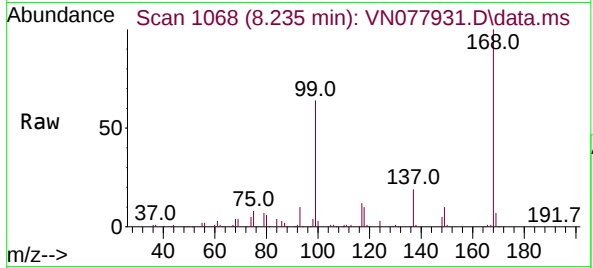




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

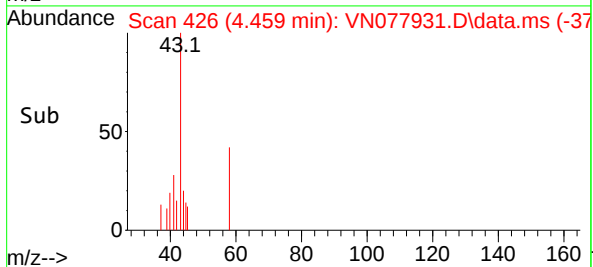
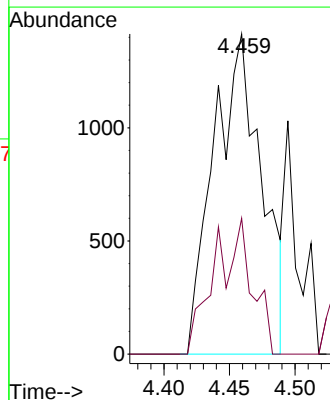
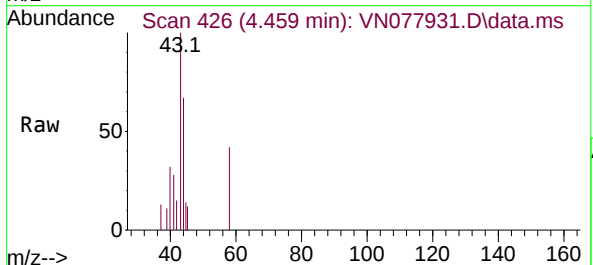
Instrument :
MSVOA_N
ClientSampleId :
TWP05

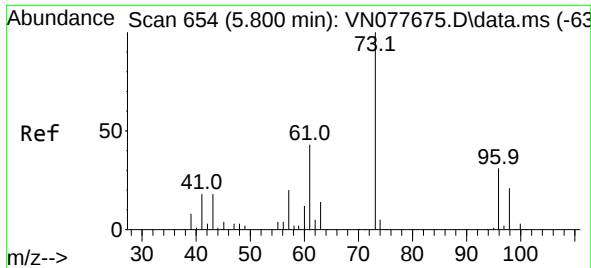
Tgt Ion:168 Resp: 371228
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#16
Acetone
Concen: 2.046 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 42.4 28.0 42.0#

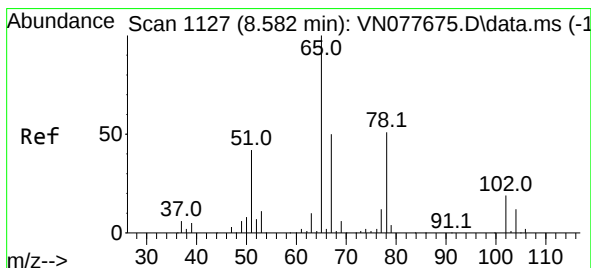
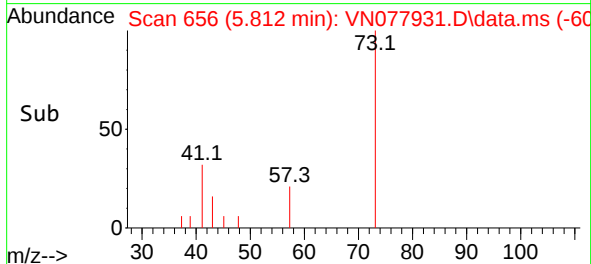
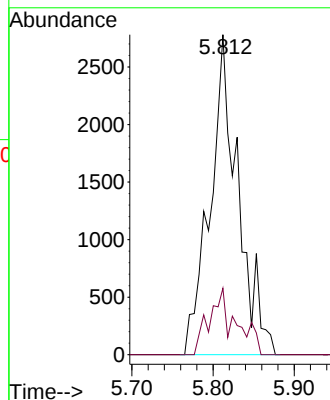
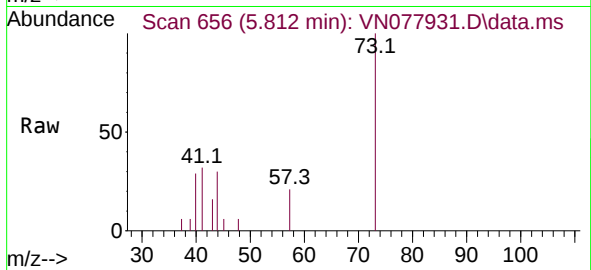




#19
Methyl tert-butyl Ether
Concen: 0.472 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

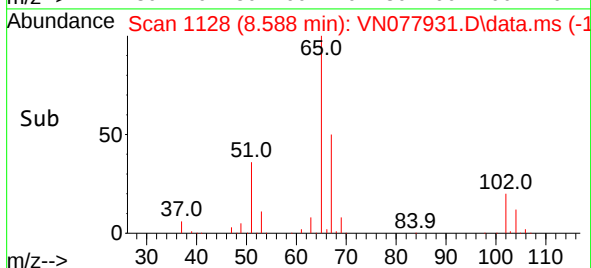
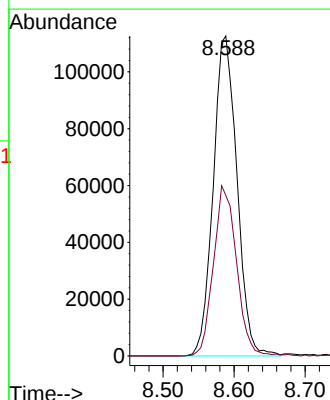
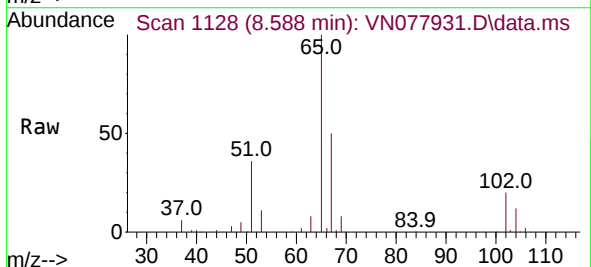
Instrument :
MSVOA_N
ClientSampleId :
TWP05

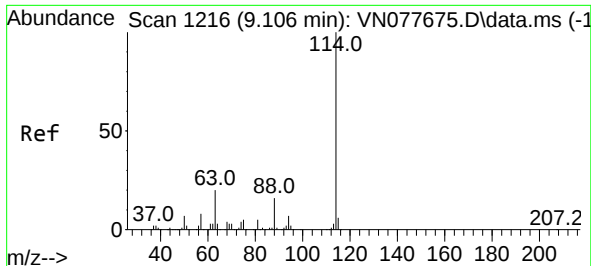
Tgt Ion: 73 Resp: 6665
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4



#33
1,2-Dichloroethane-d4
Concen: 46.999 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 65 Resp: 261057
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

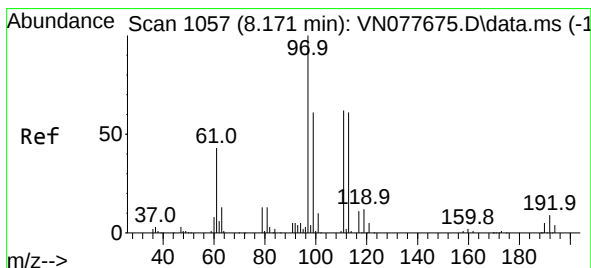
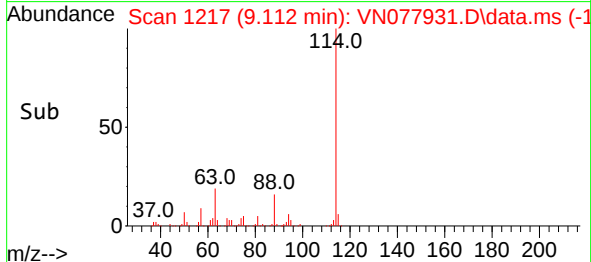
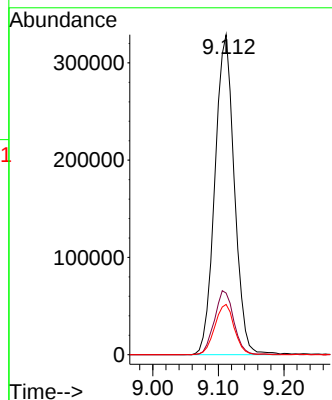
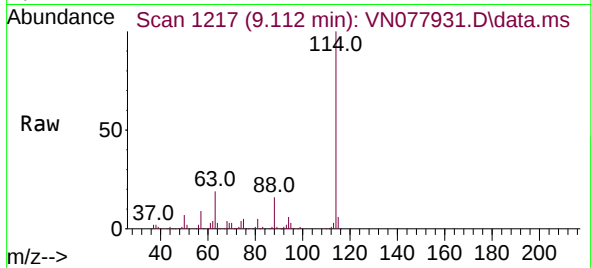




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

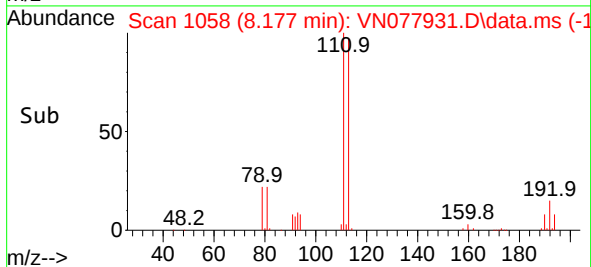
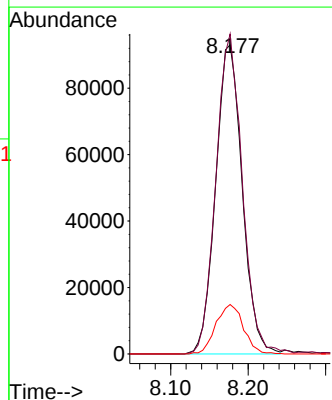
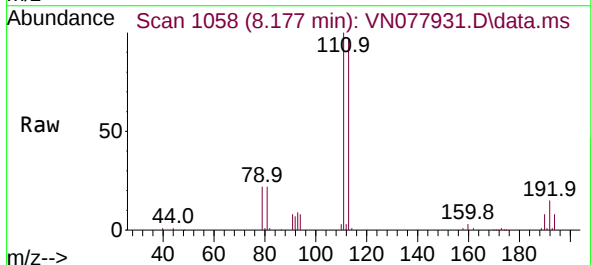
Instrument :
MSVOA_N
ClientSampleId :
TWP05

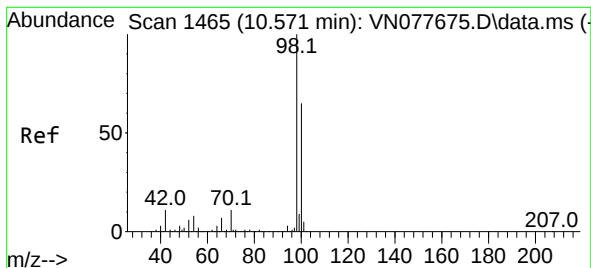
Tgt Ion:114 Resp: 675540
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.425 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion:113 Resp: 222128
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.6 12.7 19.1





#50

Toluene-d8

Concen: 49.646 ug/l

RT: 10.576 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN077931.D

Acq: 26 May 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

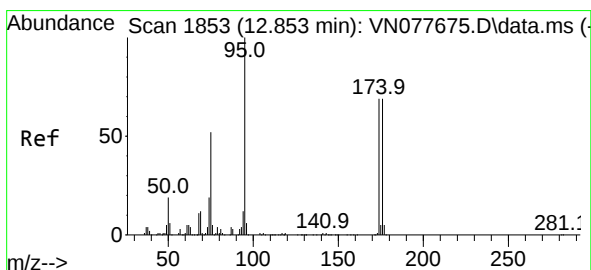
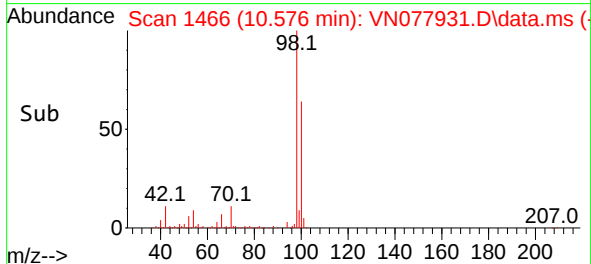
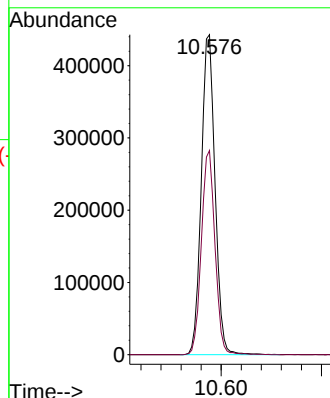
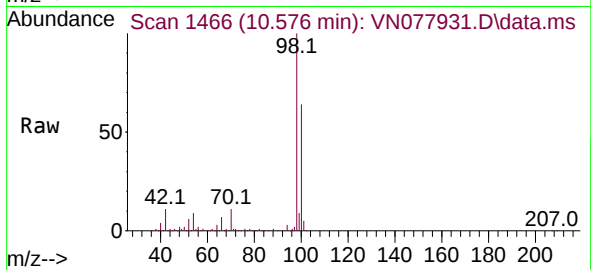
TWP05

Tgt Ion: 98 Resp: 841772

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.482 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077931.D

Acq: 26 May 2023 16:41

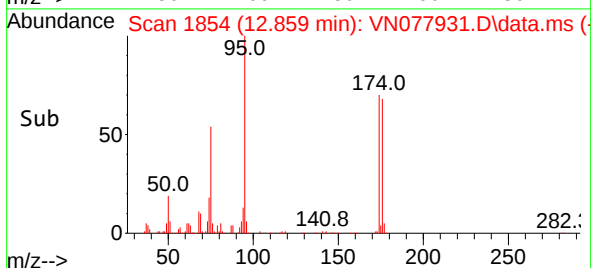
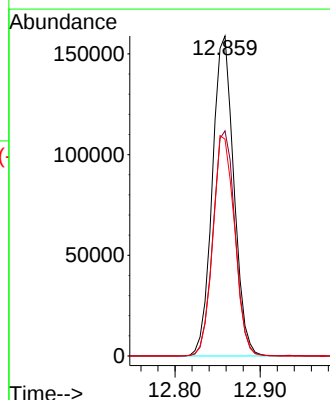
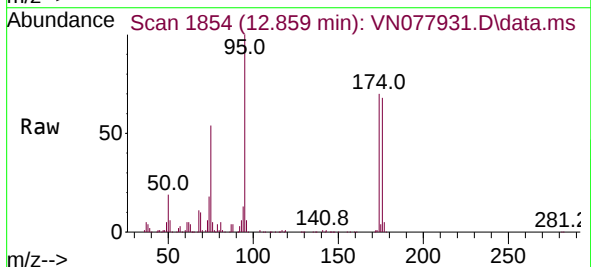
Tgt Ion: 95 Resp: 278350

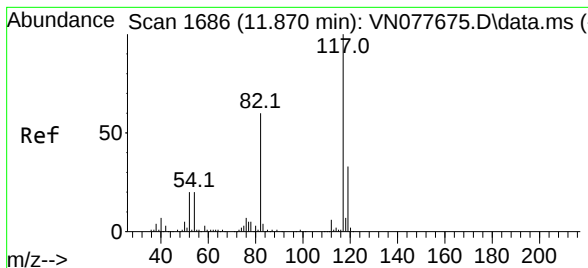
Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.8

176 69.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077931.D

Acq: 26 May 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

TWP05

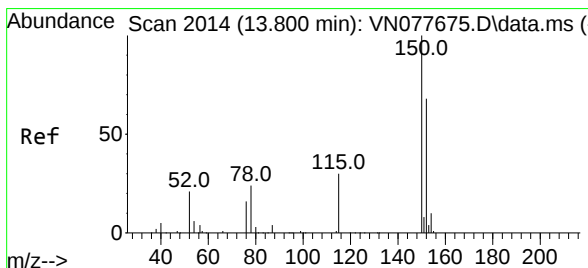
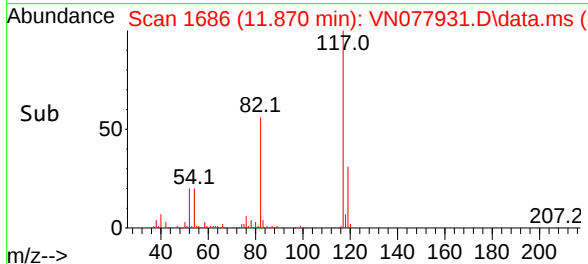
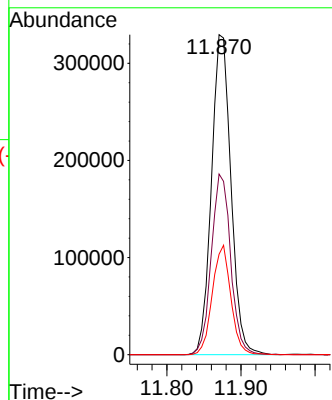
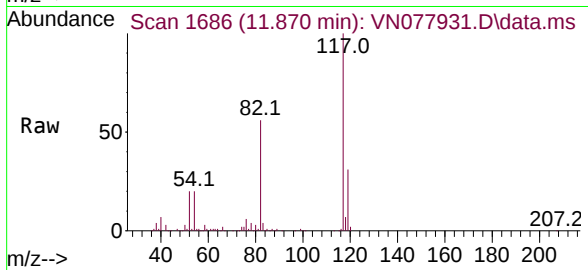
Tgt Ion:117 Resp: 602489

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 31.4 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: VN077931.D

Acq: 26 May 2023 16:41

Tgt Ion:152 Resp: 198646

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 154.2 0.0 355.8

