

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077796.D
 Acq On : 22 May 2023 17:53
 Operator : JC\MD
 Sample : 02880-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20230519

Quant Time: May 23 04:20:58 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)

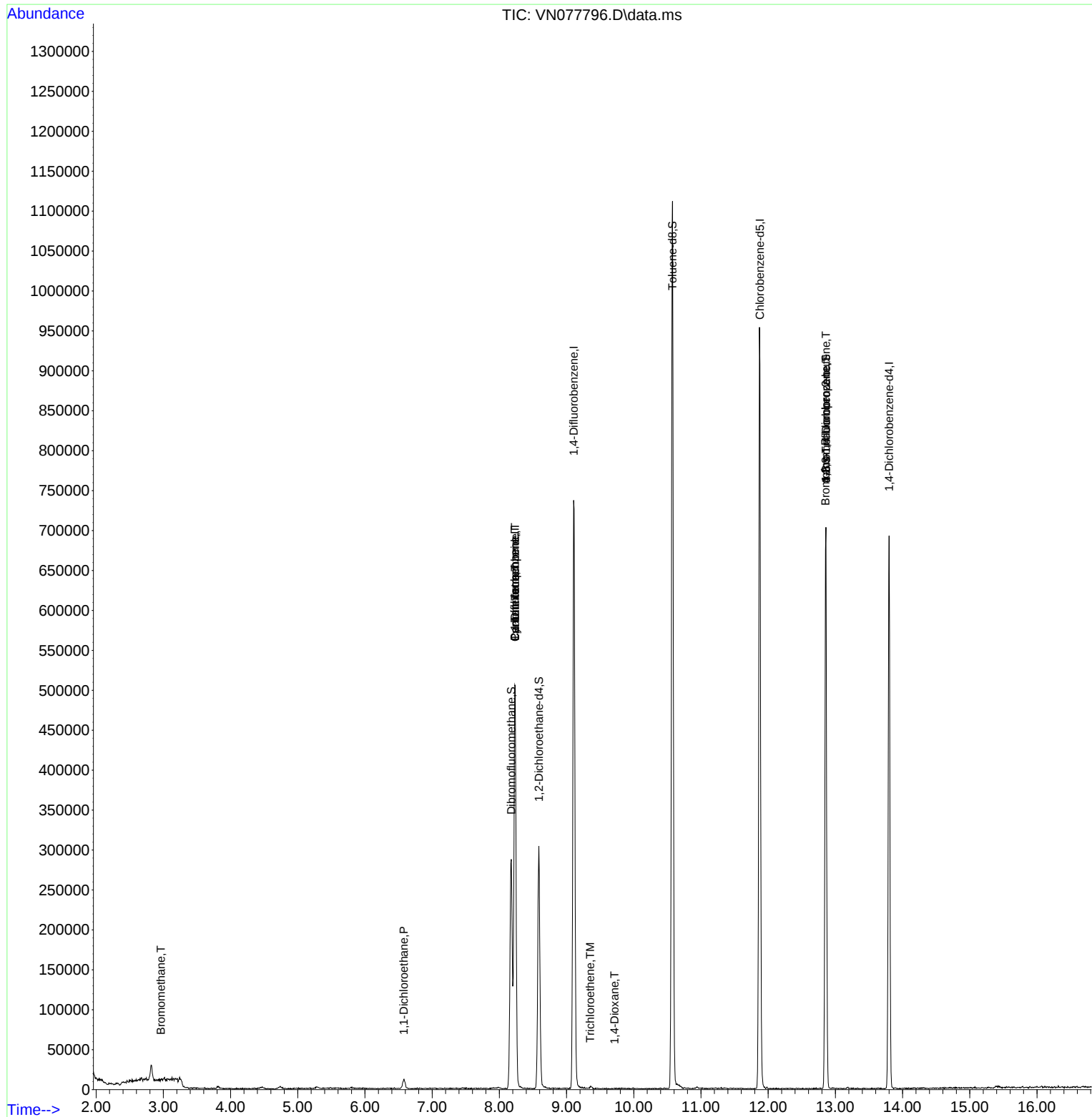
Internal Standards						
1) Pentafluorobenzene	8.230	168	368315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	664514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	574917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	243993	44.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.540%
35) Dibromofluoromethane	8.177	113	214337	49.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	10.577	98	799638	47.943	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.859	95	252733	42.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1248	Below Cal	#	77
5) Bromomethane	2.965	94	1528	0.391	ug/l #	57
13) Acrolein	4.189	56	164	Below Cal	#	80
20) Methylene Chloride	5.295	84	541	Below Cal	#	73
24) 1,1-Dichloroethane	6.577	63	15033	1.840	ug/l	98
31) Cyclohexane	8.236	56	7987	1.066	ug/l #	54
36) 1,1-Dichloropropene	8.230	75	31732	5.007	ug/l #	48
38) Carbon Tetrachloride	8.236	117	40559	6.337	ug/l #	16
44) Trichloroethene	9.353	130	1128	0.238	ug/l	42
49) 1,4-Dioxane	9.712	88	316	3.824	ug/l #	55
71) Bromoform	12.853	173	1526	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.859	75	130678	27.930	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	130678	89.279	ug/l #	15

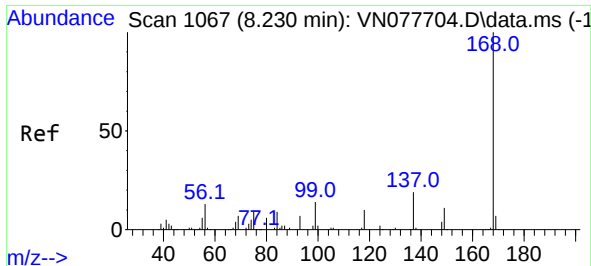
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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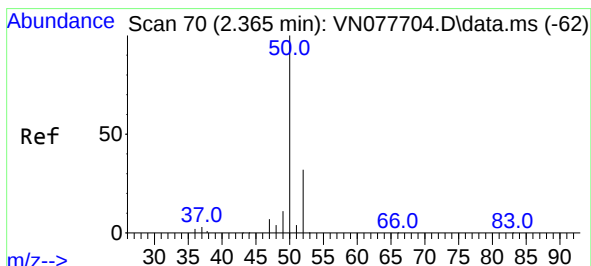
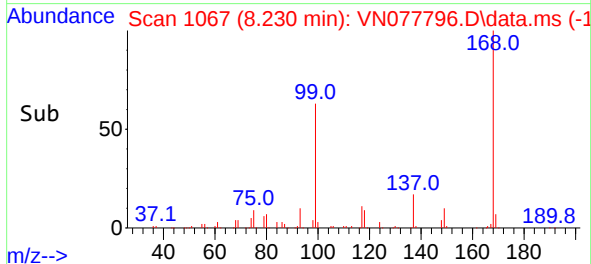
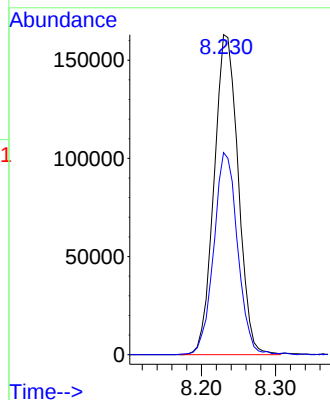
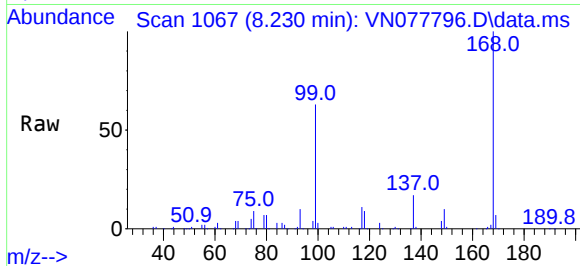




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

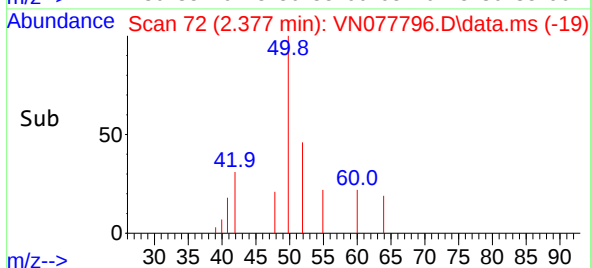
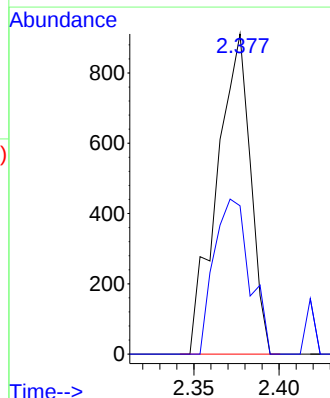
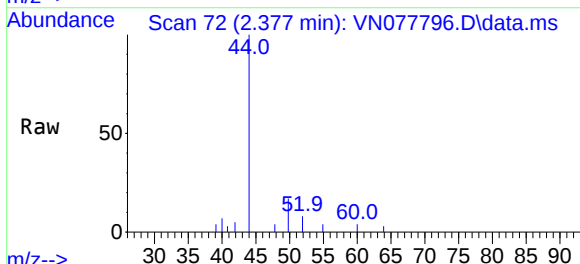
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

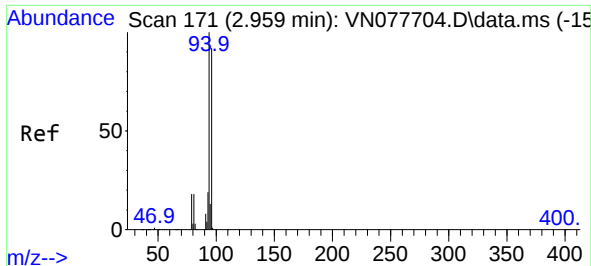
Tgt Ion:168 Resp: 368315
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion: 50 Resp: 1248
Ion Ratio Lower Upper
50 100
52 46.3 26.5 39.7#

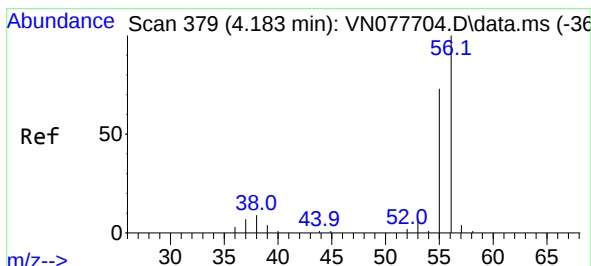
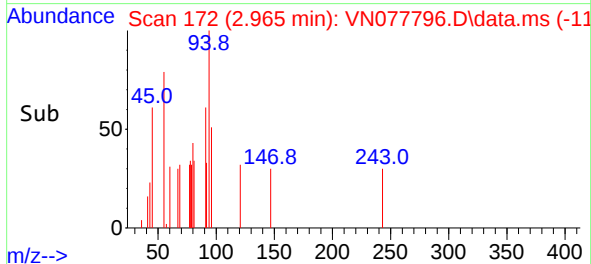
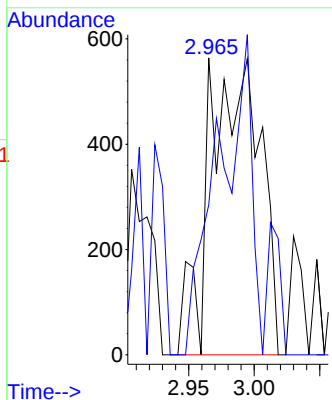
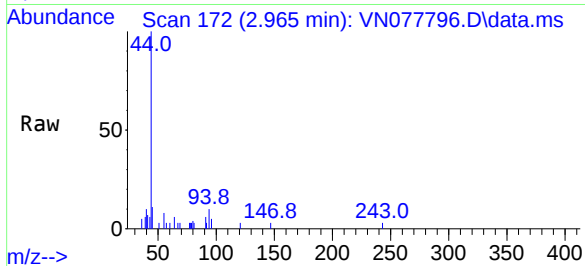




#5
Bromomethane
Concen: 0.391 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

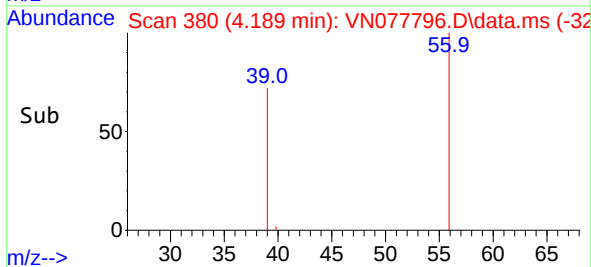
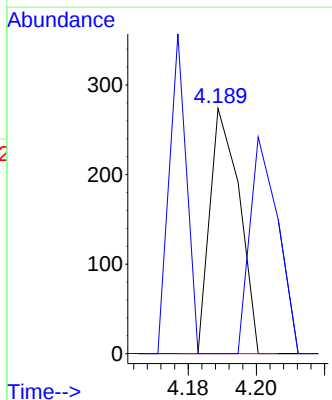
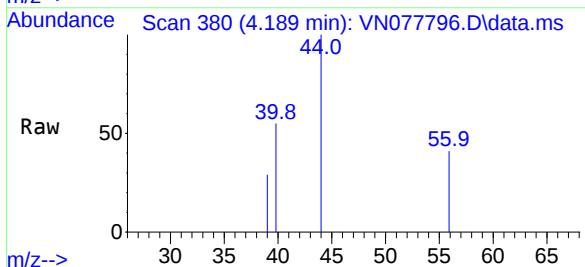
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

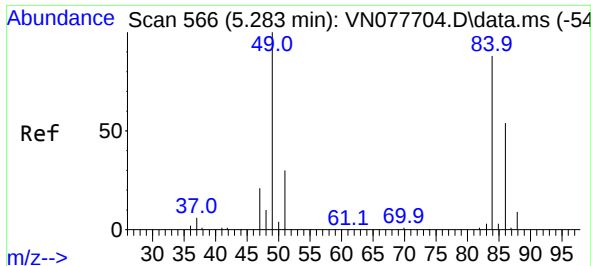
Tgt Ion: 94 Resp: 1528
Ion Ratio Lower Upper
94 100
96 50.5 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

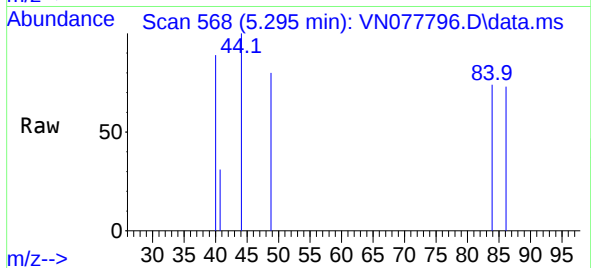
Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 84.1 54.5 81.7#





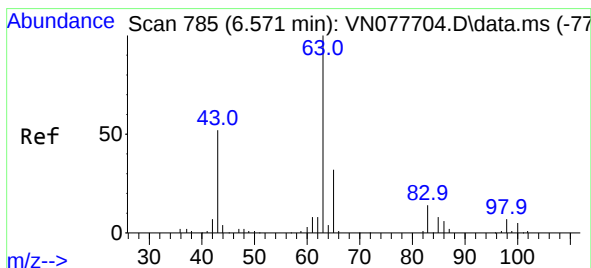
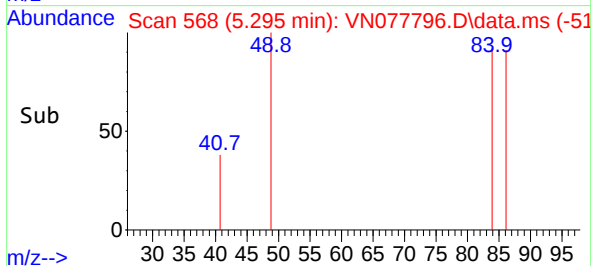
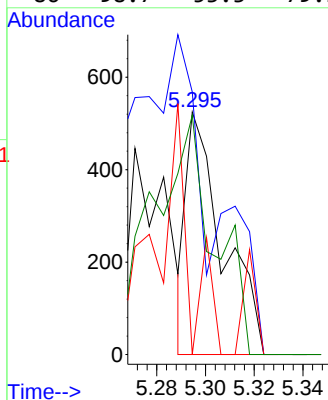
#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519



Tgt Ion: 84 Resp: 541

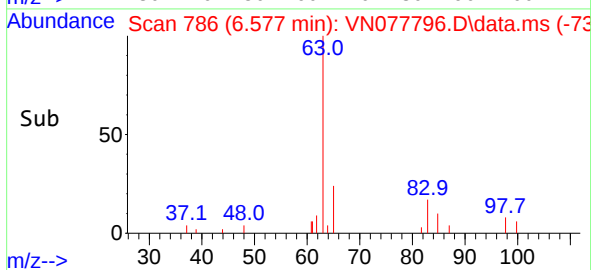
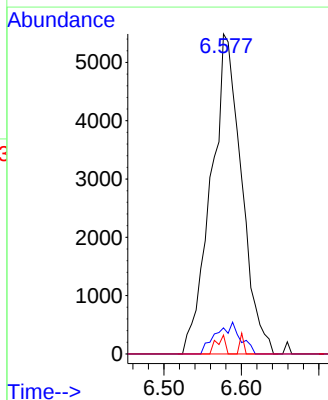
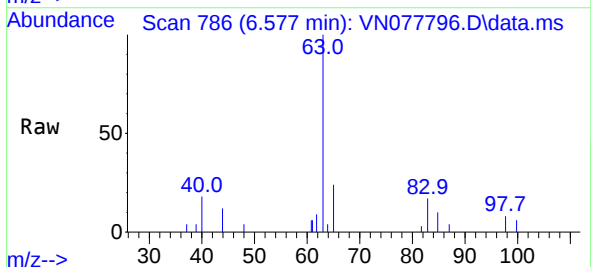
Ion	Ratio	Lower	Upper
84	100		
49	108.2	79.7	119.5
51	0.0	25.2	37.8#
86	98.7	53.3	79.9#

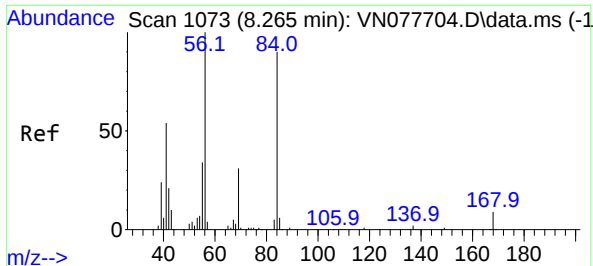


#24
1,1-Dichloroethane
Concen: 1.840 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion: 63 Resp: 15033

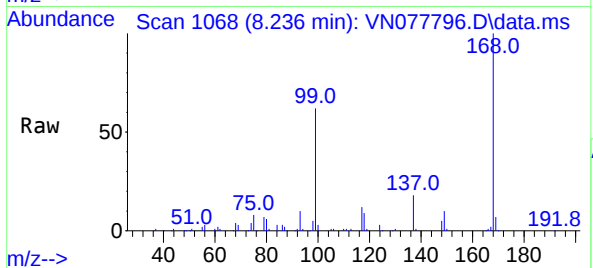
Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.9	11.7
100	5.9	2.5	7.4



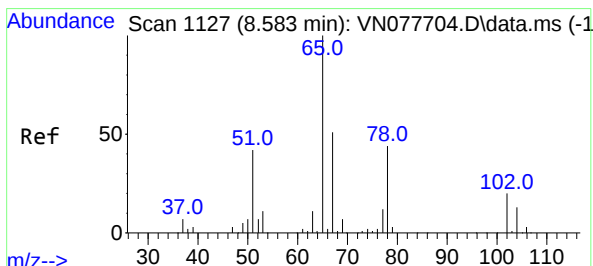
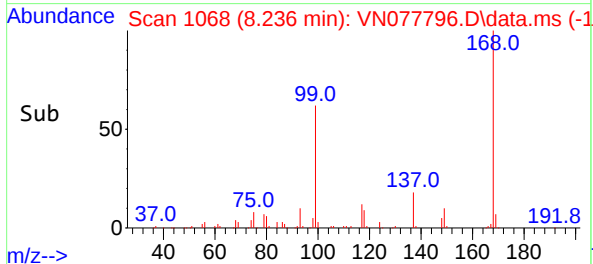
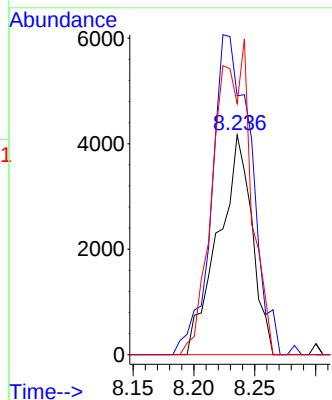


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

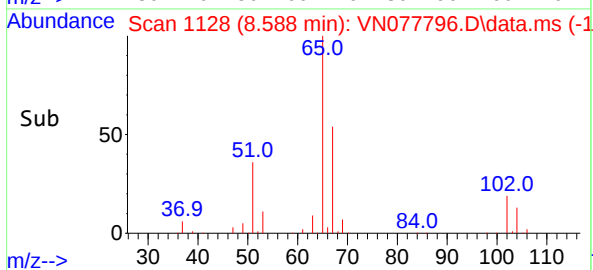
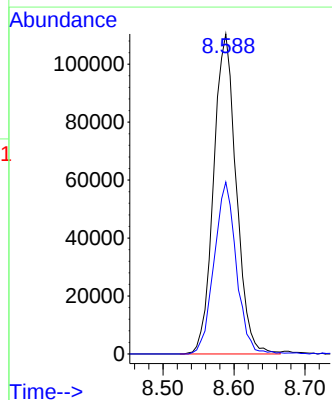
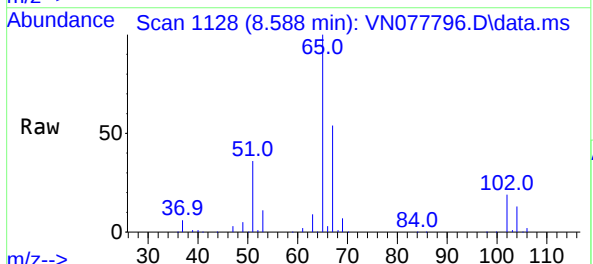


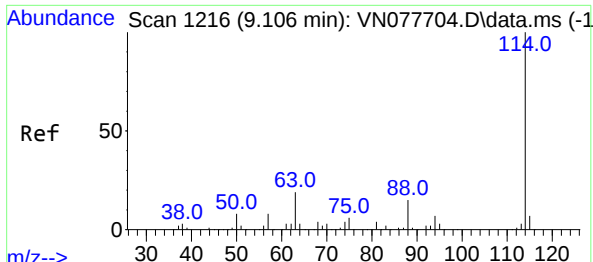
Tgt Ion: 56 Resp: 7987
Ion Ratio Lower Upper
56 100
69 117.9 26.8 40.2#
84 114.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 44.274 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion: 65 Resp: 243993
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6

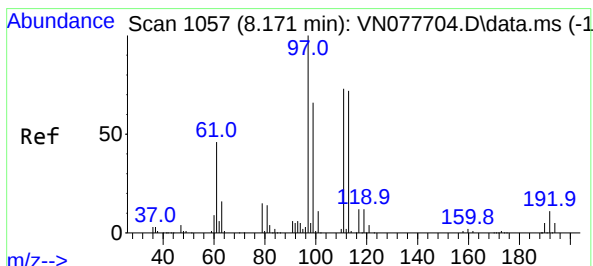
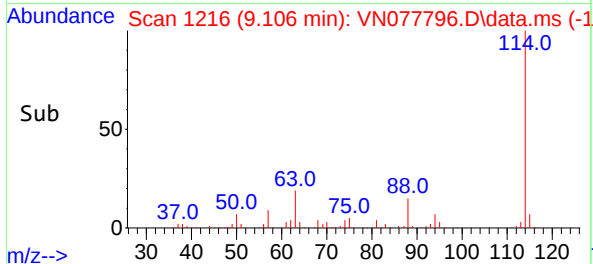
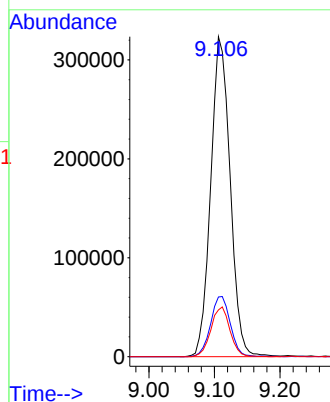
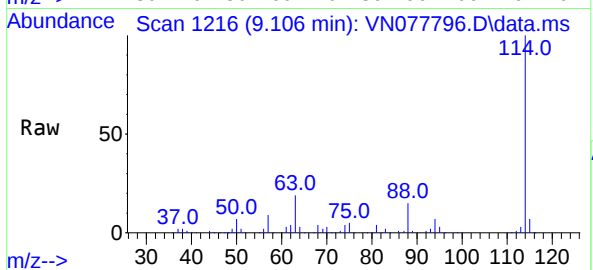




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

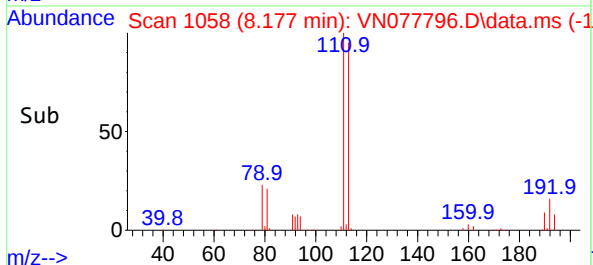
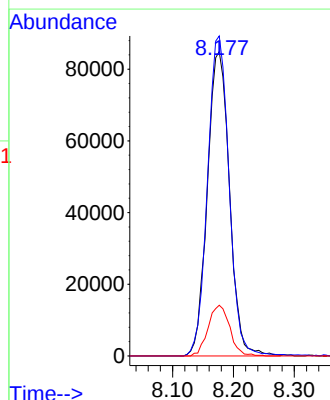
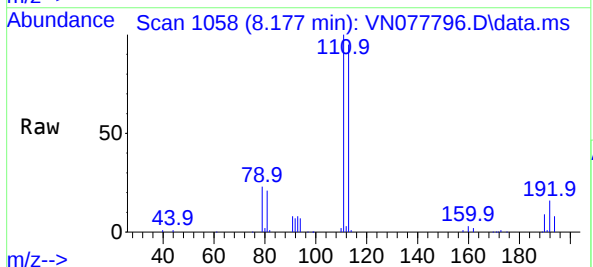
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

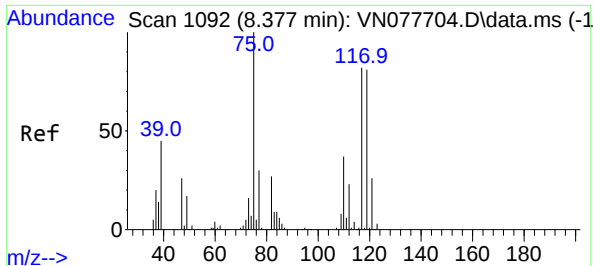
Tgt Ion:114 Resp: 664514
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion:113 Resp: 214337
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.3 12.7 19.1

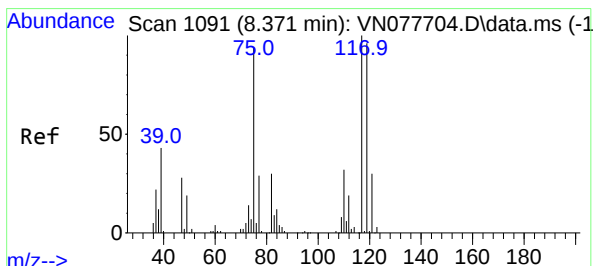
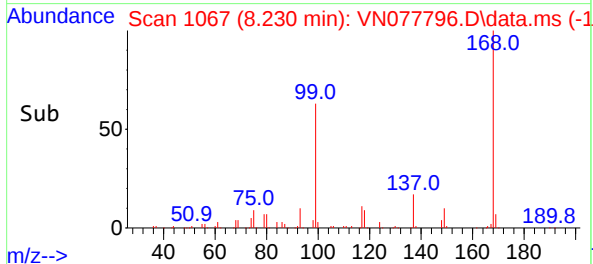
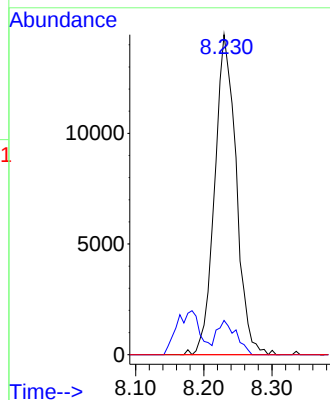
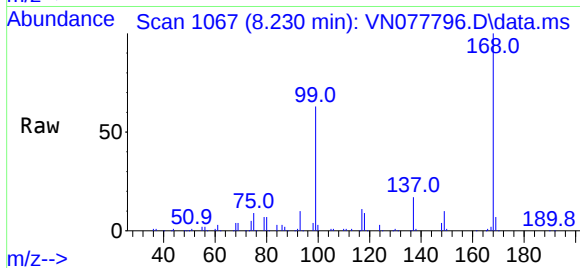




#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

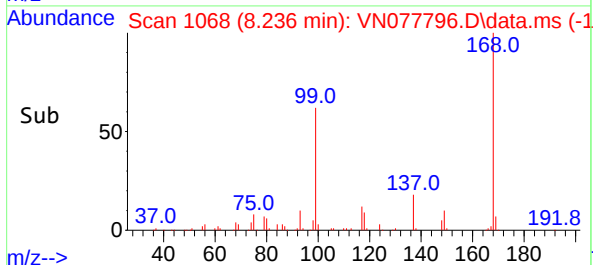
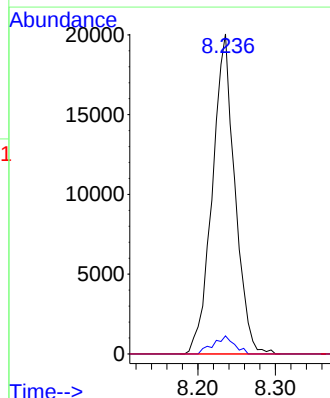
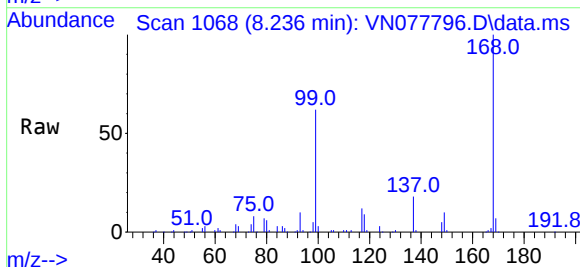
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

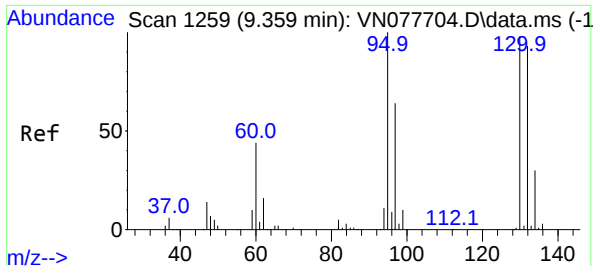
Tgt Ion: 75 Resp: 31732
Ion Ratio Lower Upper
75 100
110 9.4 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.337 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Tgt Ion: 117 Resp: 40559
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 0.238 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077796.D

Acq: 22 May 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

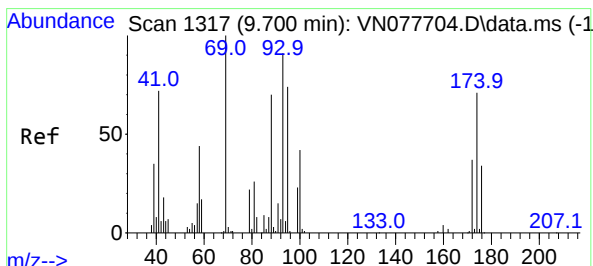
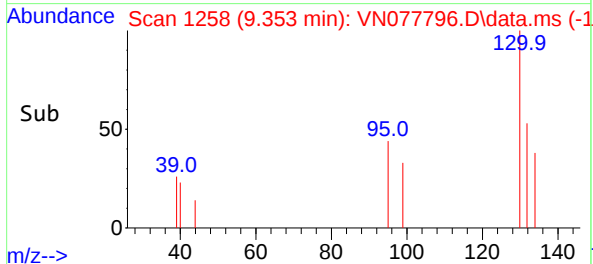
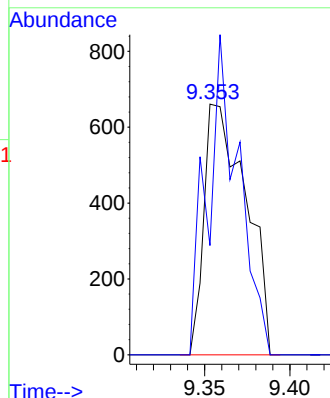
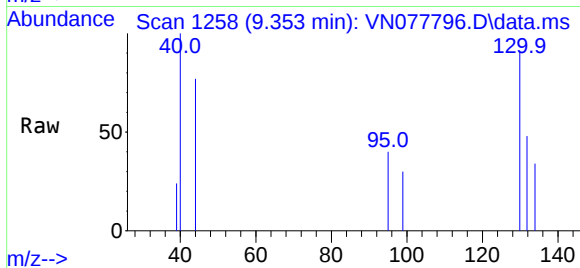
TT158S1-20230519

Tgt Ion:130 Resp: 1128

Ion Ratio Lower Upper

130 100

95 43.6 0.0 204.6



#49

1,4-Dioxane

Concen: 3.824 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.018 min

Lab File: VN077796.D

Acq: 22 May 2023 17:53

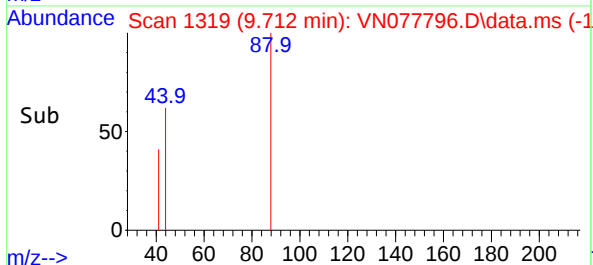
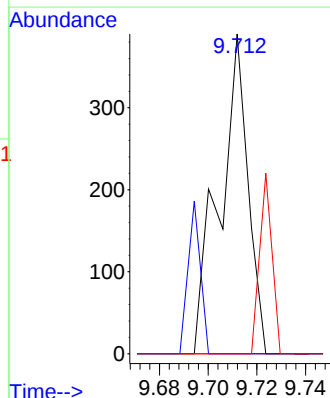
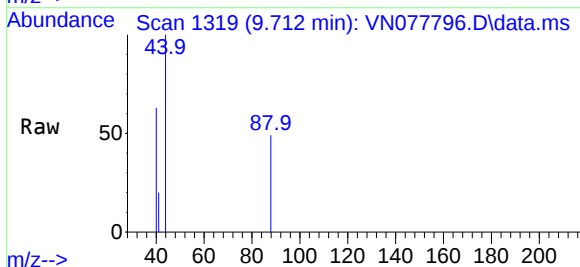
Tgt Ion: 88 Resp: 316

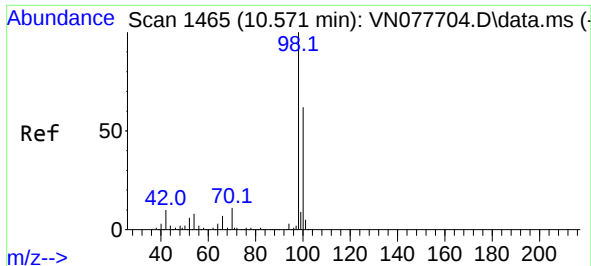
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 24.7 47.0 70.4#

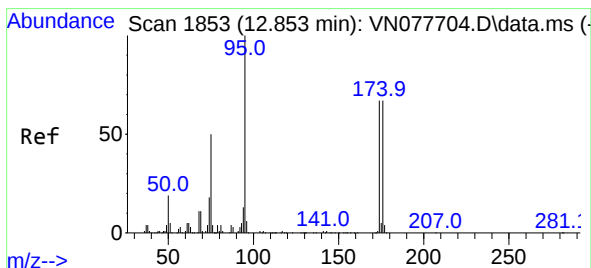
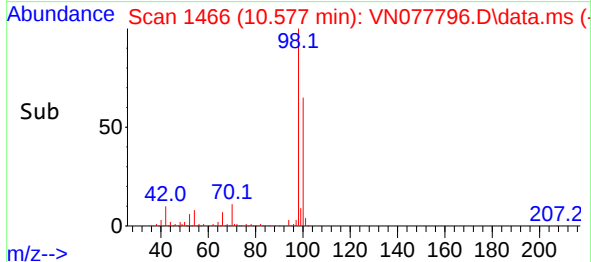
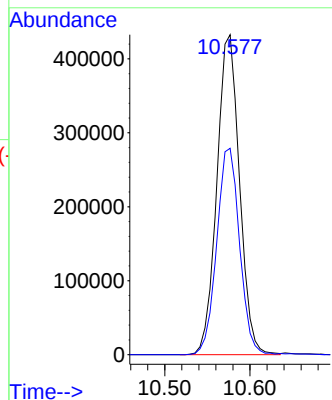
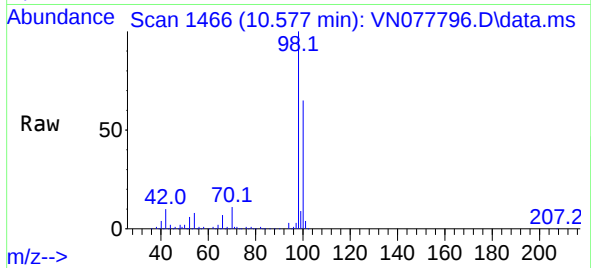




#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

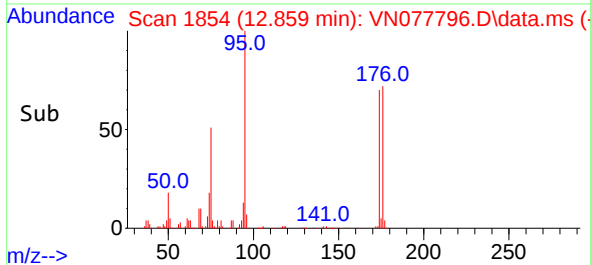
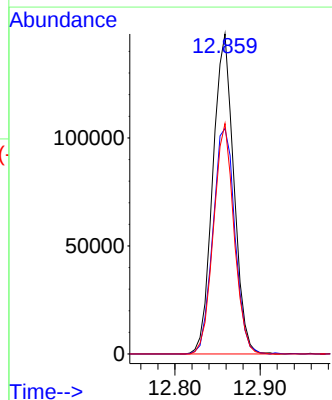
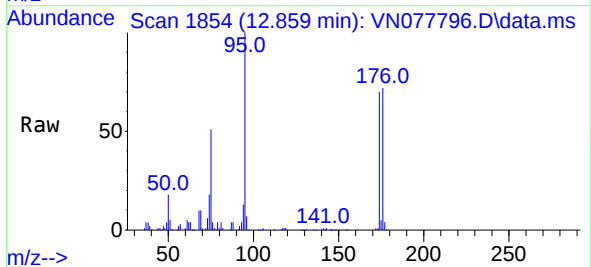
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

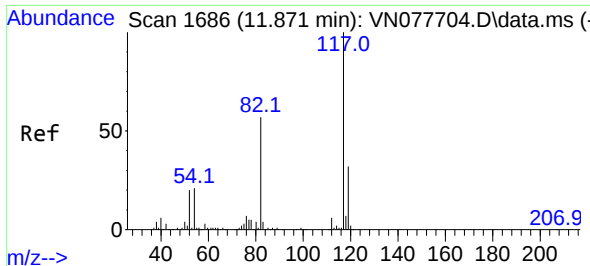
Tgt Ion: 98 Resp: 799638
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.904 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

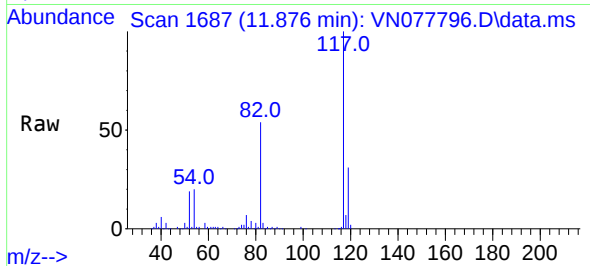
Tgt Ion: 95 Resp: 252733
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.3 0.0 135.8



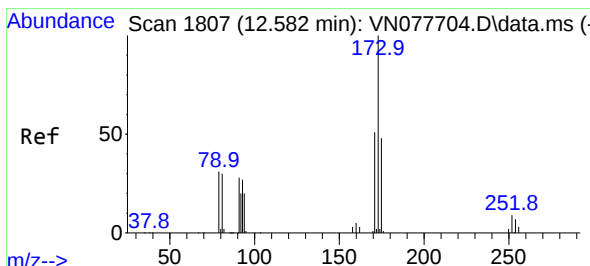
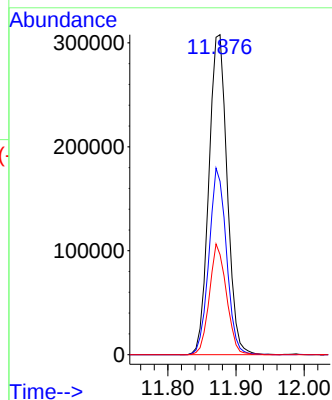
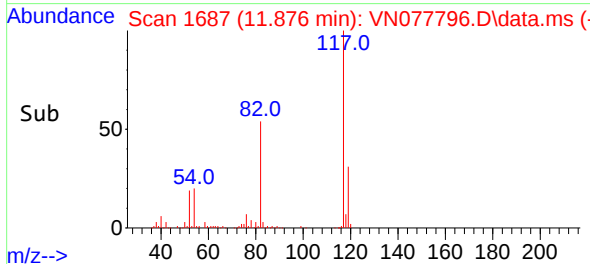


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

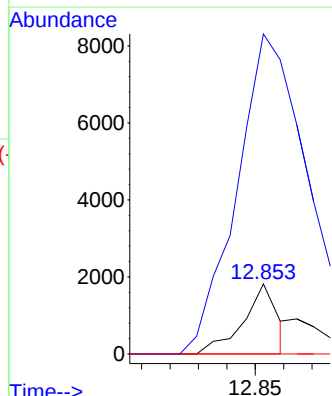
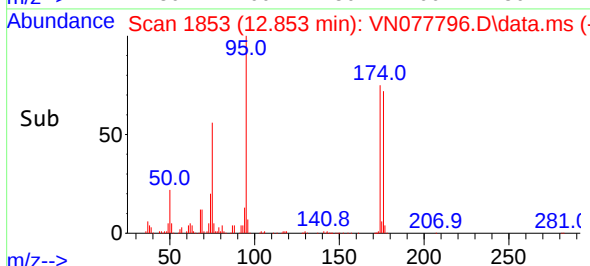
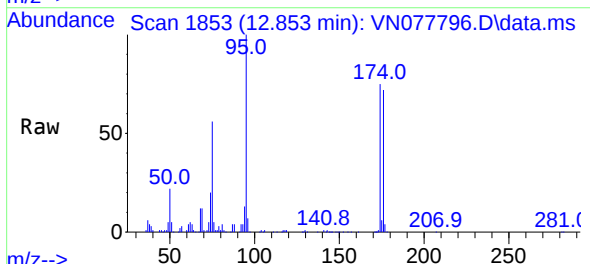


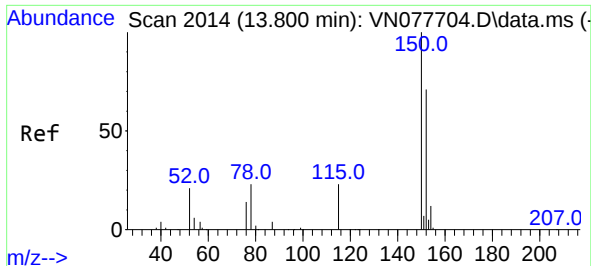
Tgt Ion:117 Resp: 574917
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.2 25.6 38.4



#71
Bromoform
Concen: 0.532 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

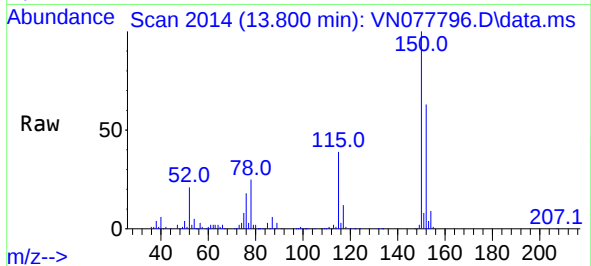
Tgt Ion:173 Resp: 1526
Ion Ratio Lower Upper
173 100
175 634.1 24.3 73.0#
254 0.0 0.0 0.0



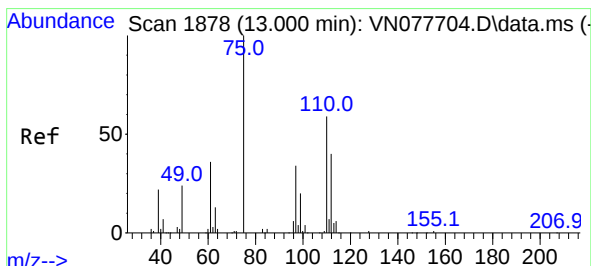
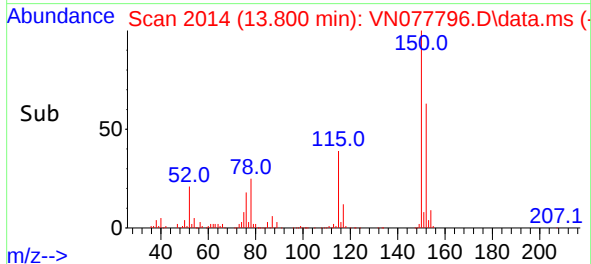
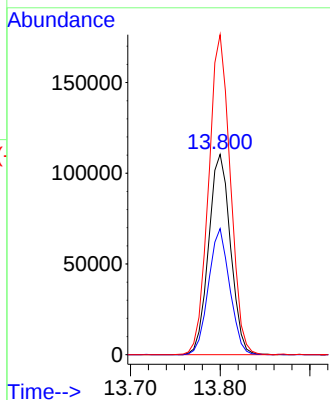


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519

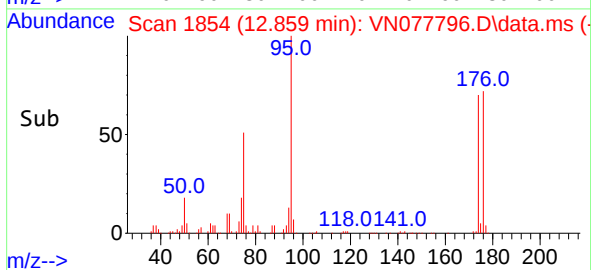
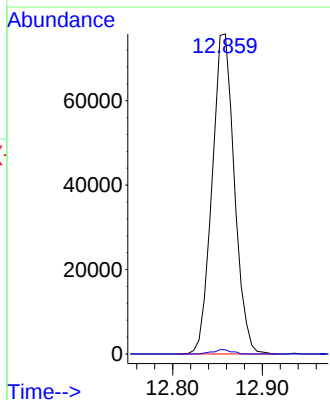
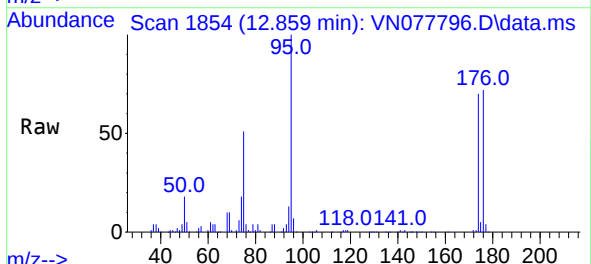


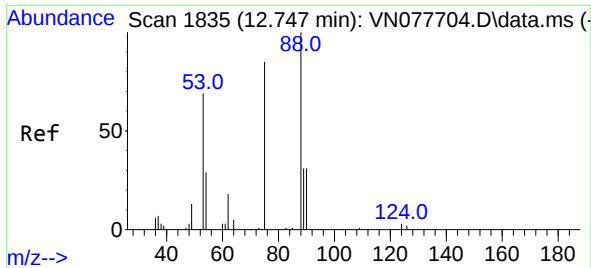
Tgt Ion:152 Resp: 186824
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.4 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 27.930 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

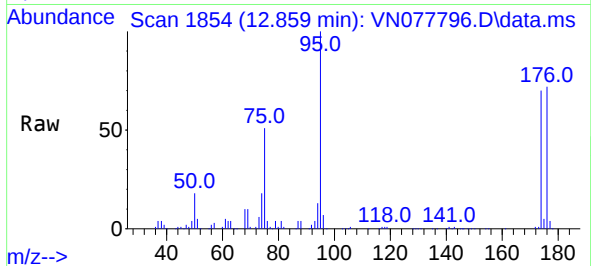
Tgt Ion: 75 Resp: 130678
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.279 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN077796.D
Acq: 22 May 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230519



Tgt Ion: 75 Resp: 130678
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

