

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077990.D
 Acq On : 31 May 2023 14:08
 Operator : JC\MD
 Sample : 02943-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20230523

Quant Time: Jun 01 01:51:36 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)

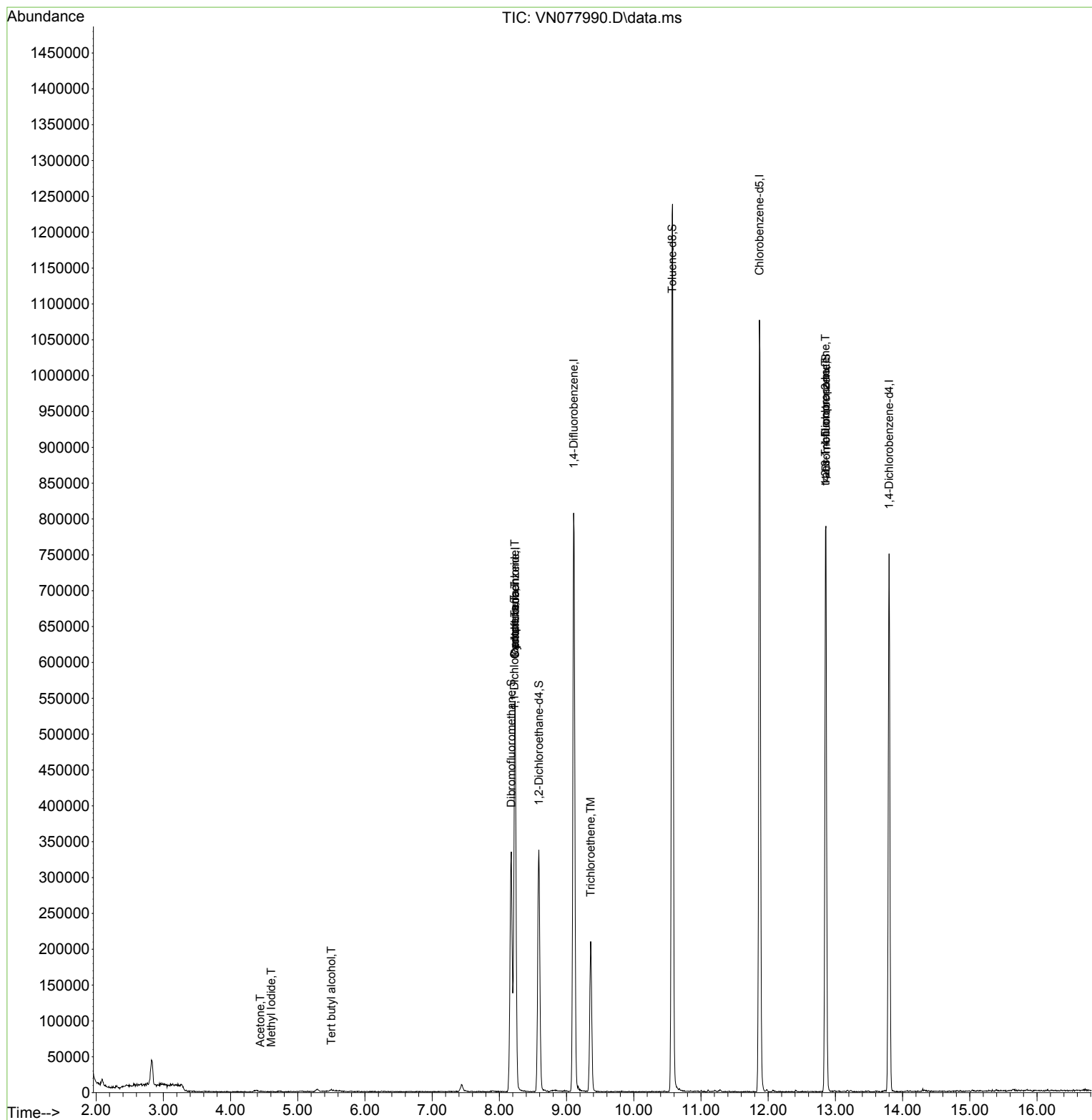
Internal Standards						
1) Pentafluorobenzene	8.235	168	392199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	721074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	637622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	199599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279028	47.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.100%		
35) Dibromofluoromethane	8.177	113	235784	50.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.300%		
50) Toluene-d8	10.571	98	902546	49.869	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.740%		
62) 4-Bromofluorobenzene	12.859	95	291187	45.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.100%		
Target Compounds			Qvalue			
3) Chloromethane	2.377	50	1332	Below Cal		97
10) Methyl Iodide	4.606	142	1112	0.215 ug/l #		83
11) Tert butyl alcohol	5.500	59	1059	1.308 ug/l #		72
13) Acrolein	4.212	56	181	Below Cal #		16
16) Acetone	4.441	43	631	0.342 ug/l #		40
20) Methylene Chloride	5.277	84	1211	Below Cal #		63
31) Cyclohexane	8.229	56	8999	1.128 ug/l #		1
36) 1,1-Dichloropropene	8.224	75	35147	5.110 ug/l #		46
38) Carbon Tetrachloride	8.229	117	42760	6.157 ug/l #		14
44) Trichloroethene	9.359	130	75865	14.763 ug/l		97
76) 1,2,3-Trichloropropane	12.853	75	156069	31.222 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	156069	99.802 ug/l #		15

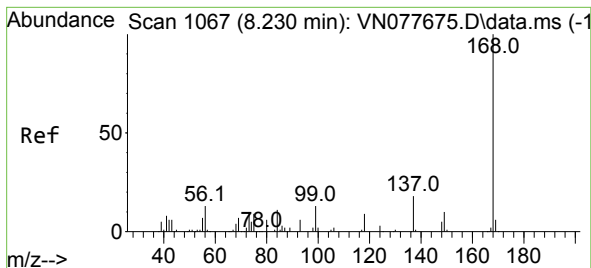
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN077990.D

Acq: 31 May 2023 14:08

Instrument :

MSVOA_N

ClientSampleId :

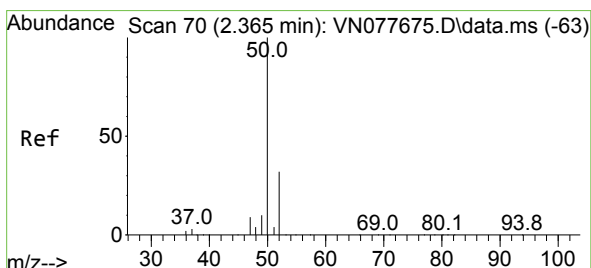
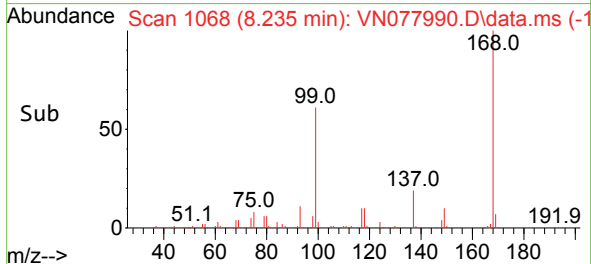
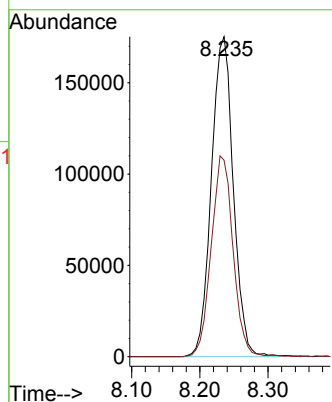
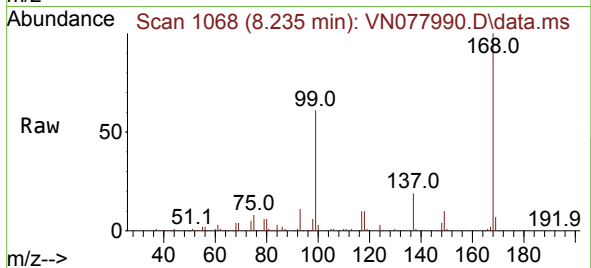
TT101D2-20230523

Tgt Ion:168 Resp: 392199

Ion Ratio Lower Upper

168 100

99 61.4 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.377 min Scan# 72

Delta R.T. 0.012 min

Lab File: VN077990.D

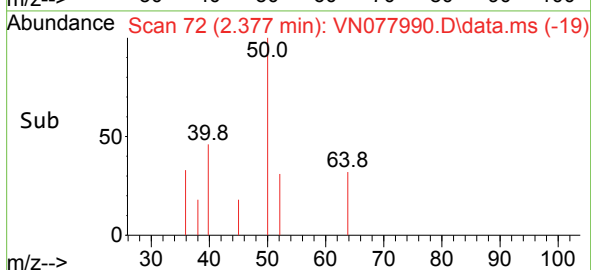
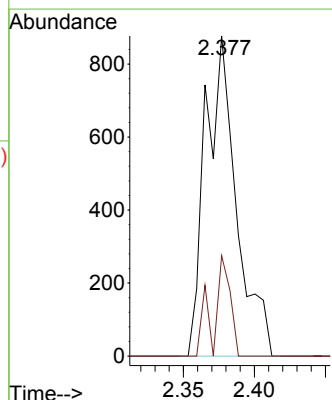
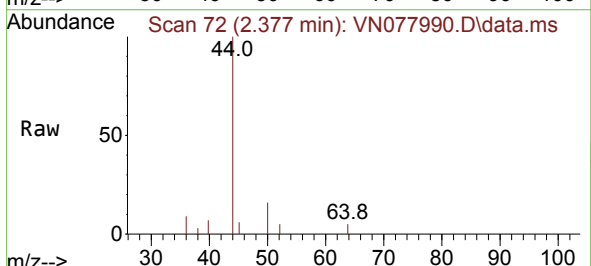
Acq: 31 May 2023 14:08

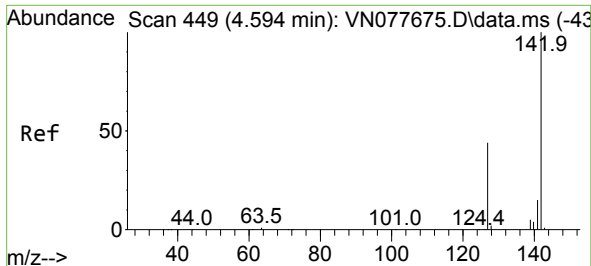
Tgt Ion: 50 Resp: 1332

Ion Ratio Lower Upper

50 100

52 31.4 26.5 39.7

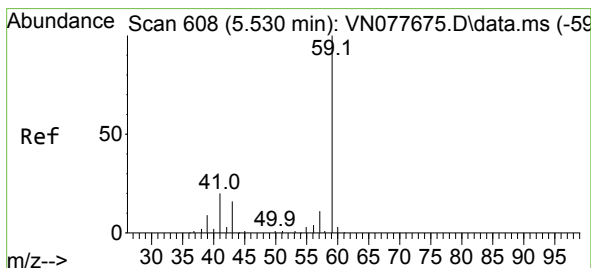
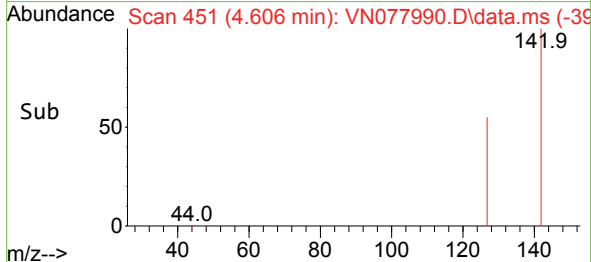
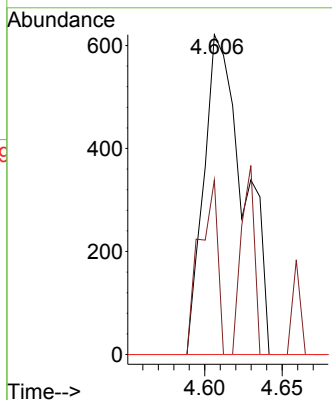
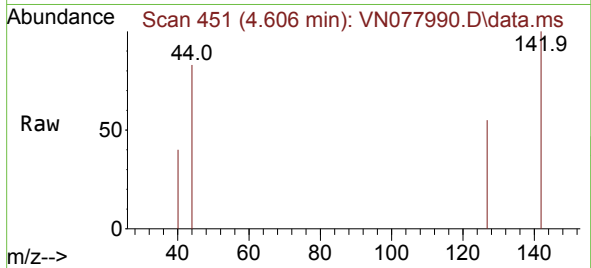




#10
Methyl Iodide
Concen: 0.215 ug/l
RT: 4.606 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

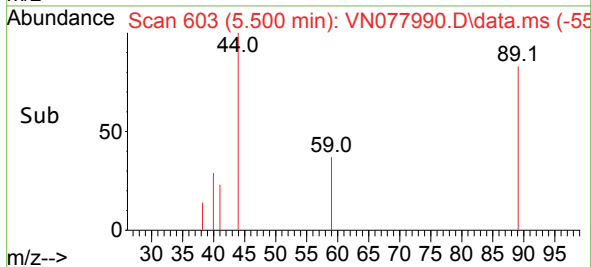
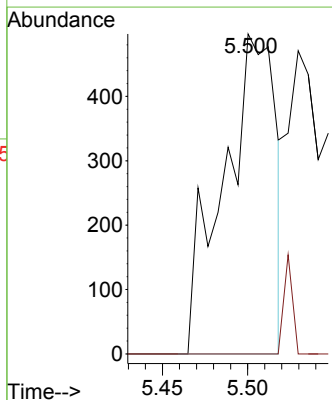
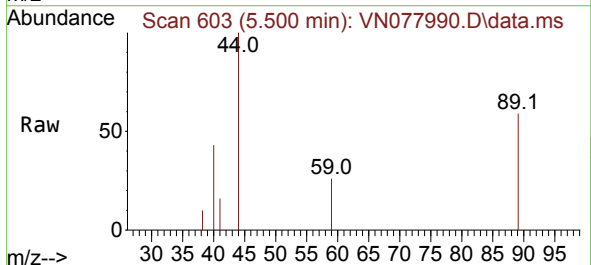
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20230523

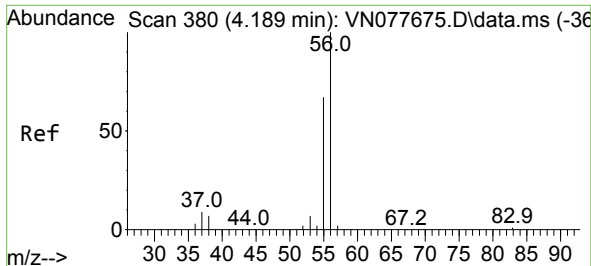
Tgt Ion:142 Resp: 1112
Ion Ratio Lower Upper
142 100
127 54.6 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.308 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.030 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

Tgt Ion: 59 Resp: 1059
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

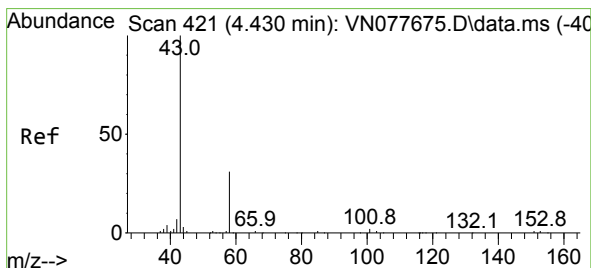
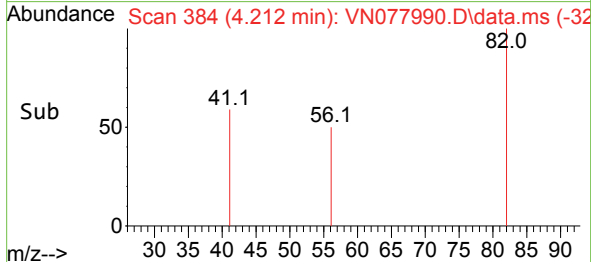
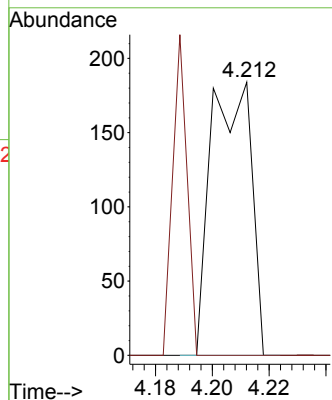
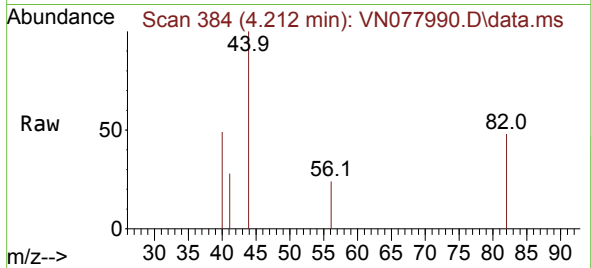




#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 31
Delta R.T. 0.023 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

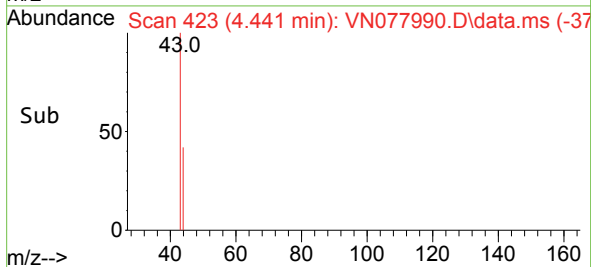
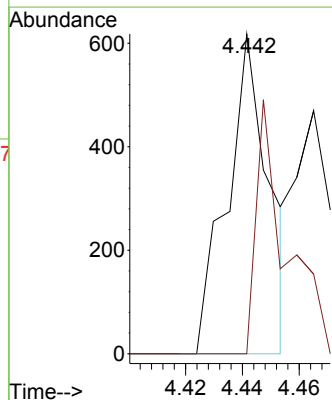
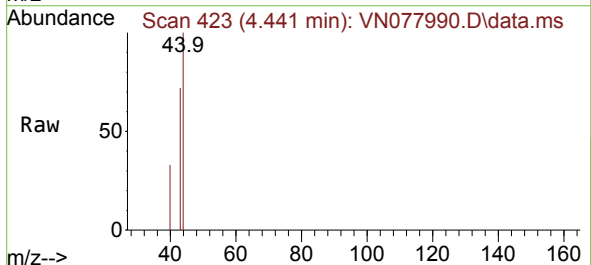
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20230523

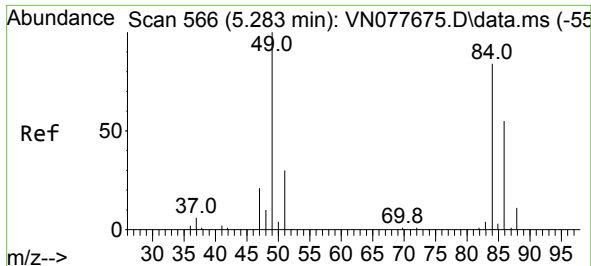
Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 0.342 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

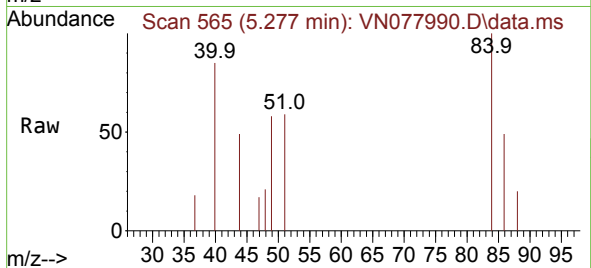
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



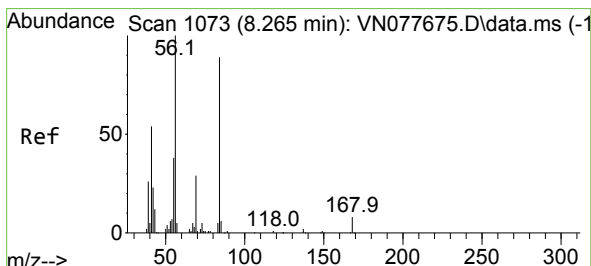
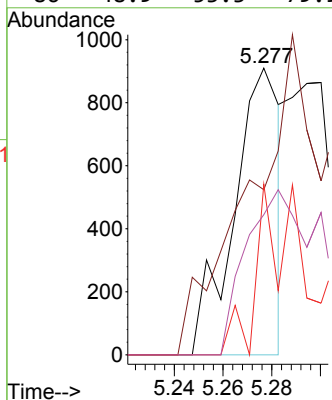
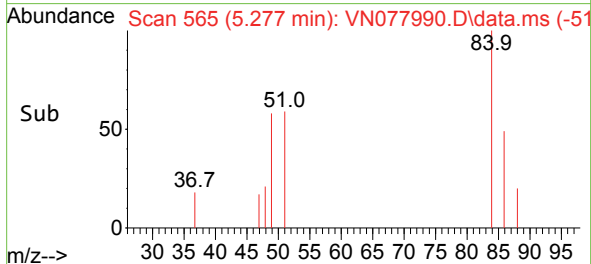


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

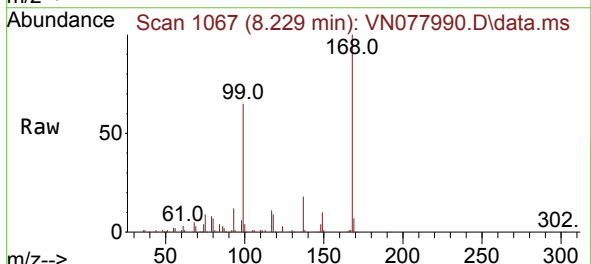
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20230523



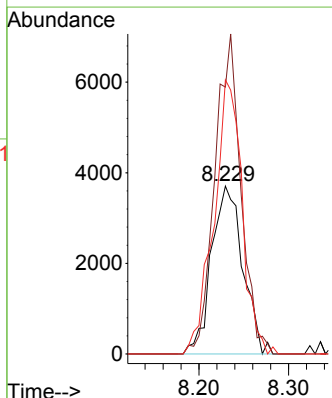
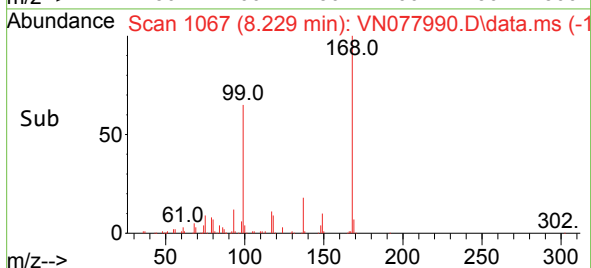
Tgt Ion:	84	Resp:	1211
Ion	Ratio	Lower	Upper
84	100		
49	57.6	79.7	119.5#
51	59.5	25.2	37.8#
86	48.9	53.3	79.9#

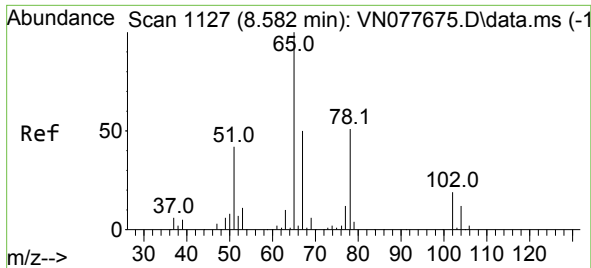


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08



Tgt Ion:	56	Resp:	8999
Ion	Ratio	Lower	Upper
56	100		
69	159.0	26.8	40.2#
84	163.3	81.8	122.6#

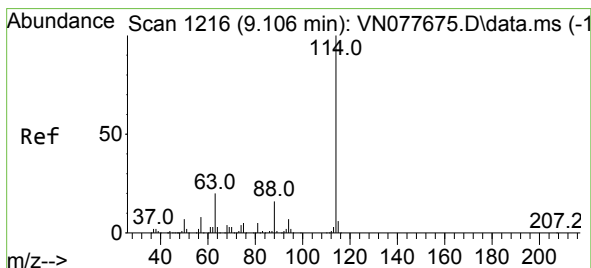
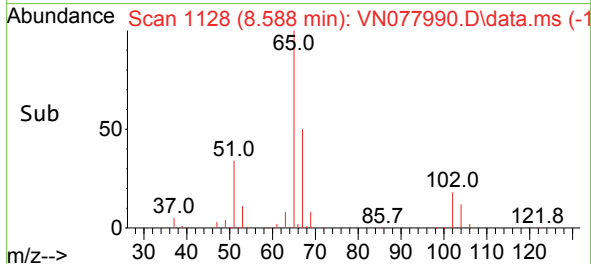
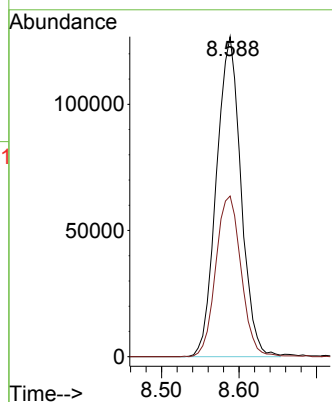
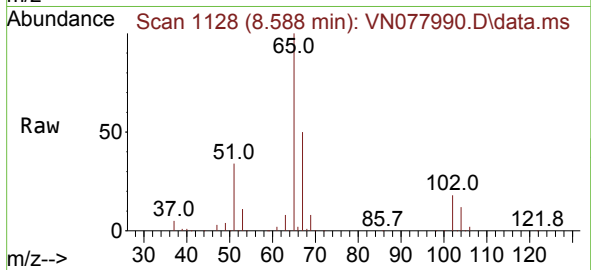




#33
 1,2-Dichloroethane-d4
 Concen: 47.548 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN077990.D
 Acq: 31 May 2023 14:08

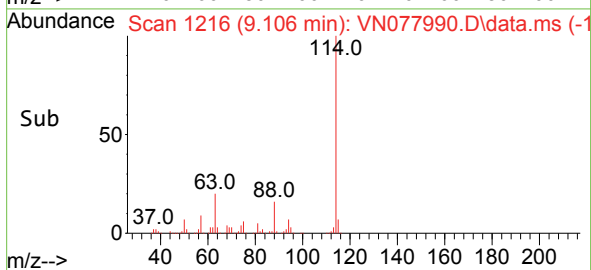
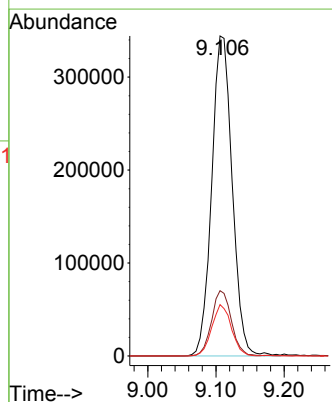
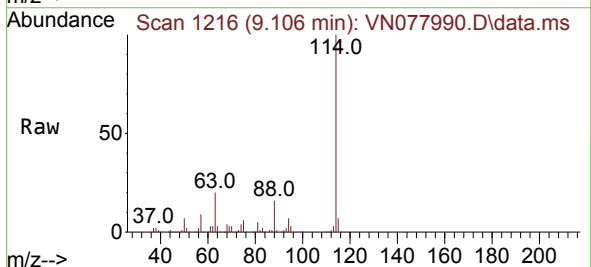
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 TT101D2-20230523

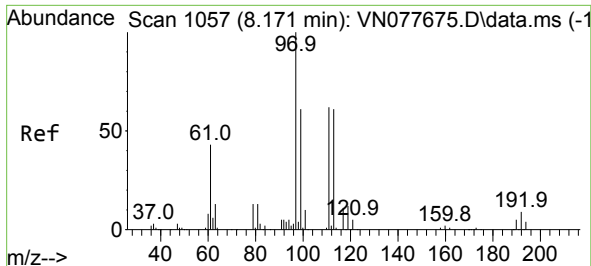
Tgt Ion: 65 Resp: 279028
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN077990.D
 Acq: 31 May 2023 14:08

Tgt Ion: 114 Resp: 721074
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.4
 88 16.1 0.0 30.6

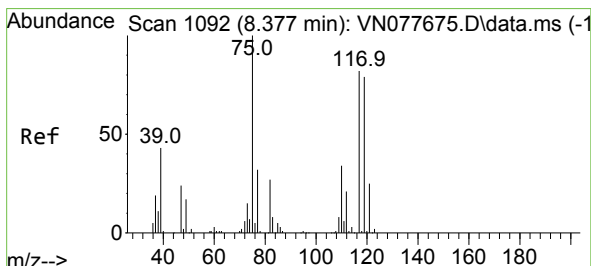
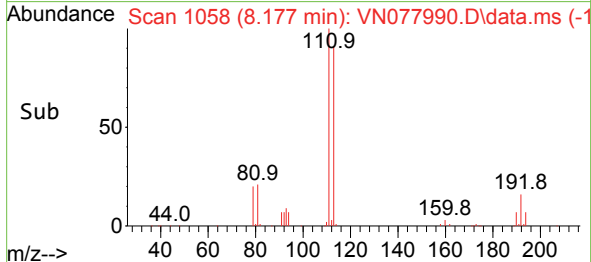
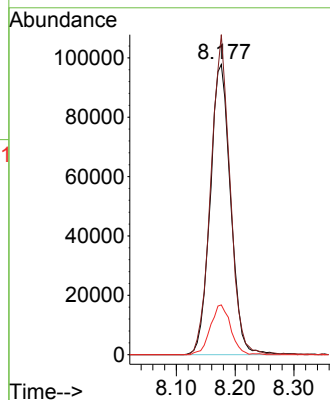
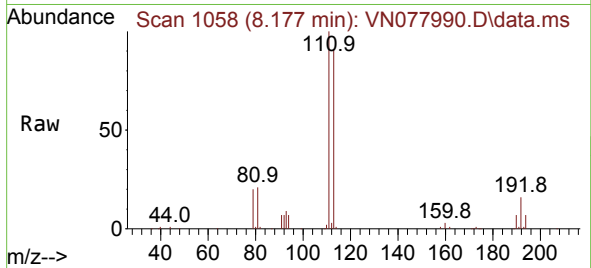




#35
Dibromofluoromethane
Concen: 50.145 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

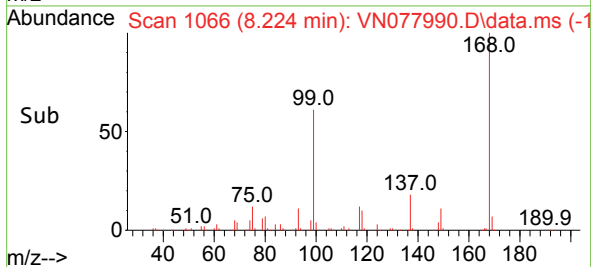
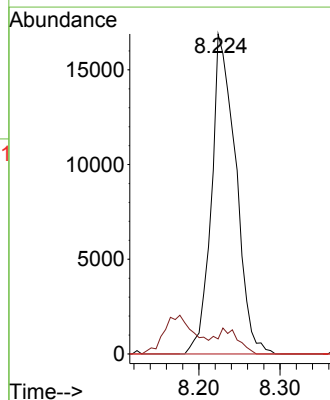
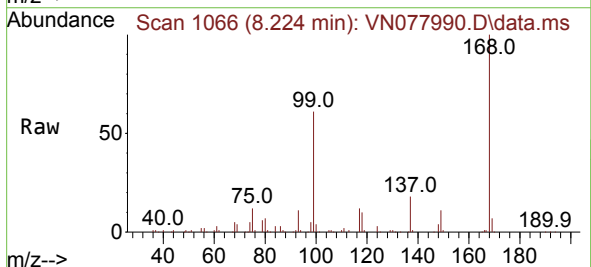
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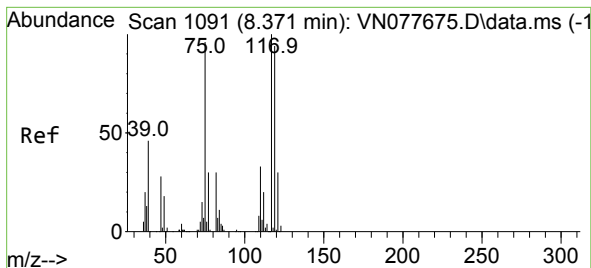
Tgt Ion:113 Resp: 235784
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

Tgt Ion: 75 Resp: 35147
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.157 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN077990.D

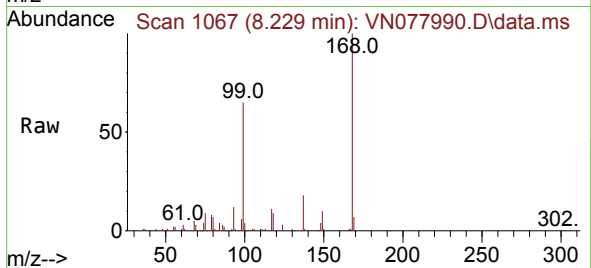
Acq: 31 May 2023 14:08

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20230523



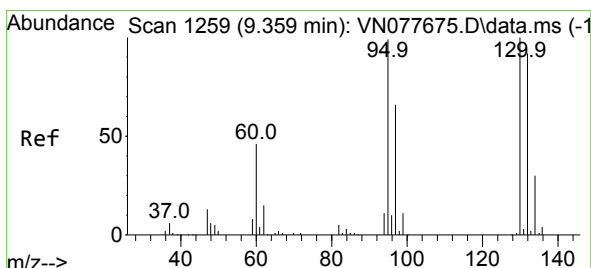
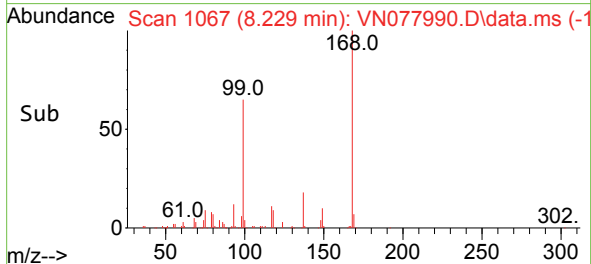
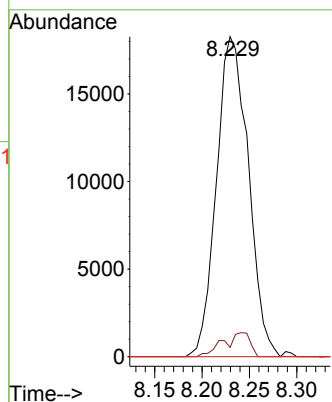
Tgt Ion:117 Resp: 42760

Ion Ratio Lower Upper

117 100

119 2.9 77.3 115.9#

121 0.0 23.3 34.9#



#44

Trichloroethene

Concen: 14.763 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077990.D

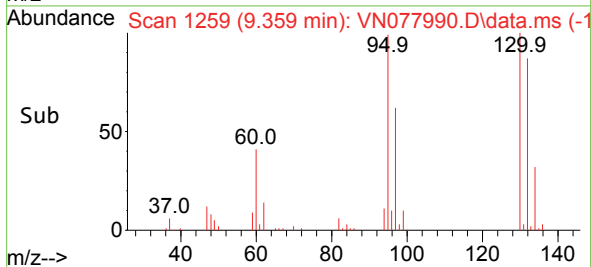
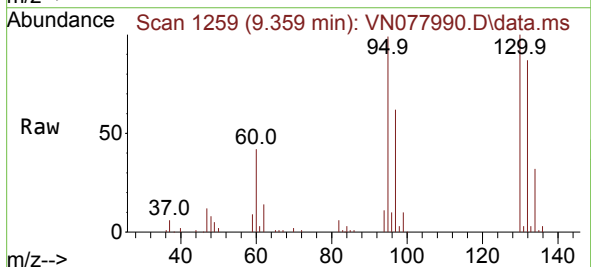
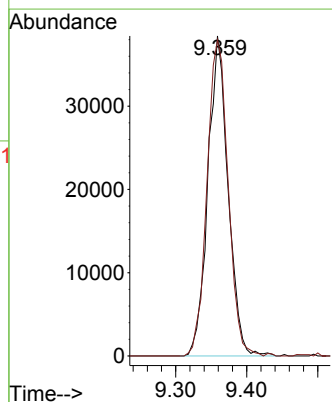
Acq: 31 May 2023 14:08

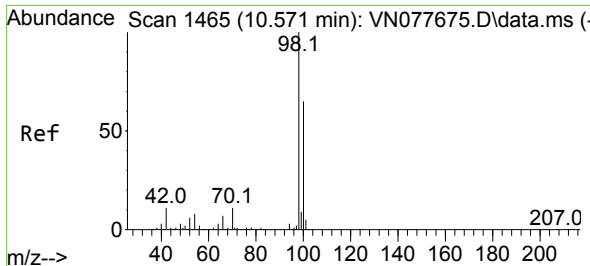
Tgt Ion:130 Resp: 75865

Ion Ratio Lower Upper

130 100

95 98.8 0.0 204.6

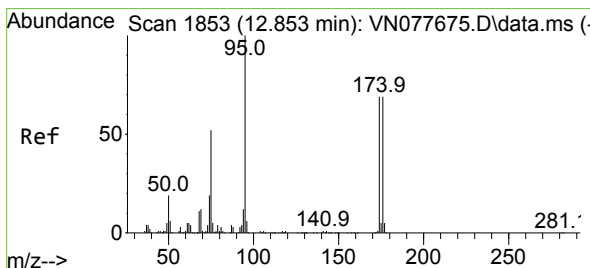
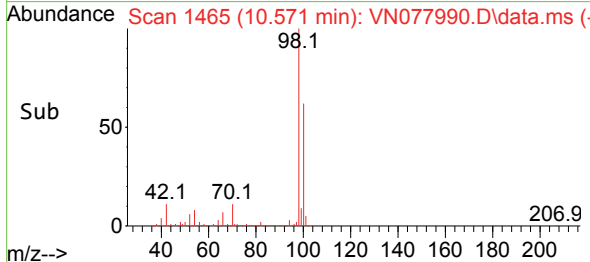
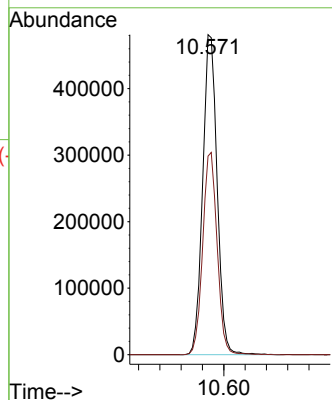
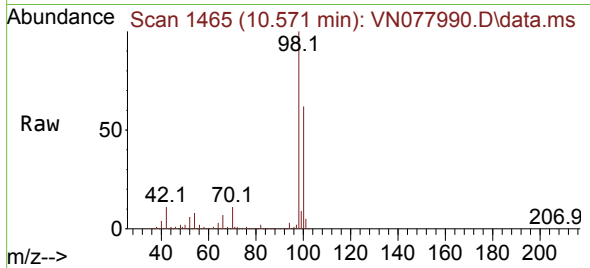




#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

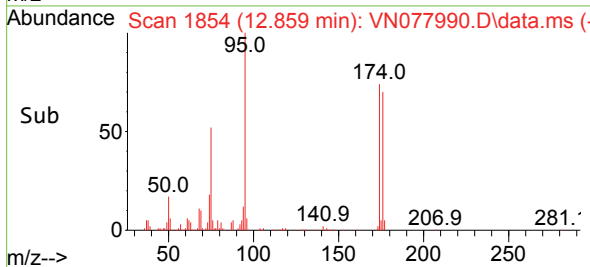
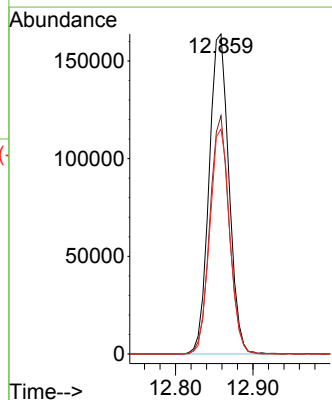
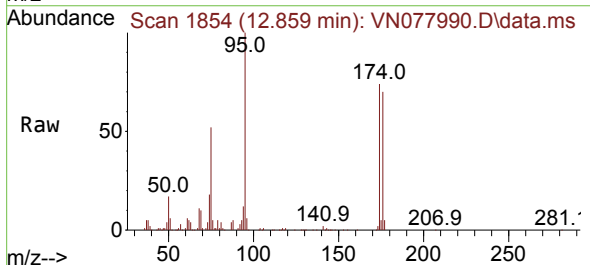
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20230523

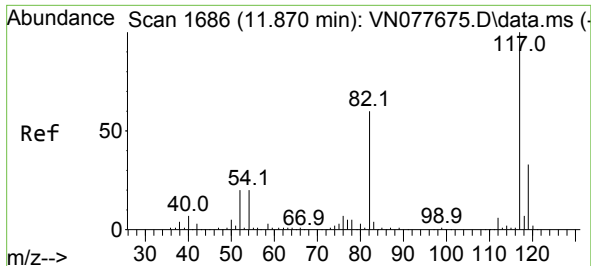
Tgt Ion: 98 Resp: 902546
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.555 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

Tgt Ion: 95 Resp: 291187
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.5 0.0 135.8

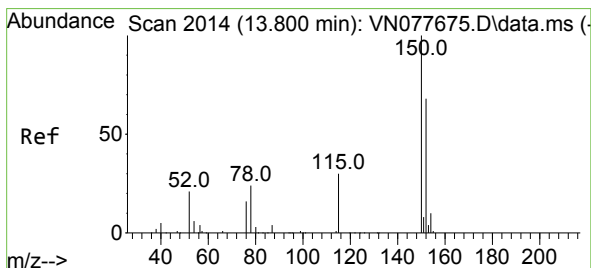
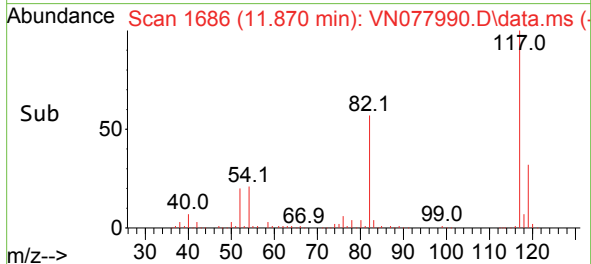
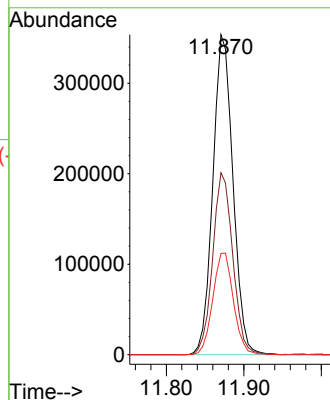
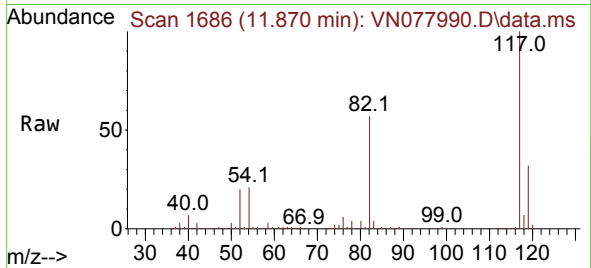




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

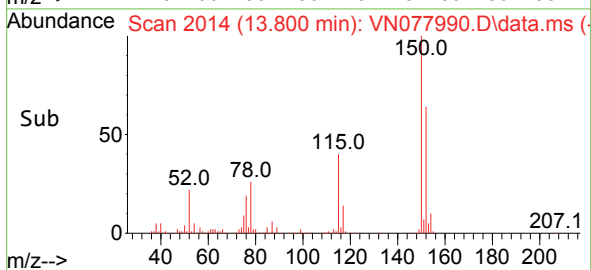
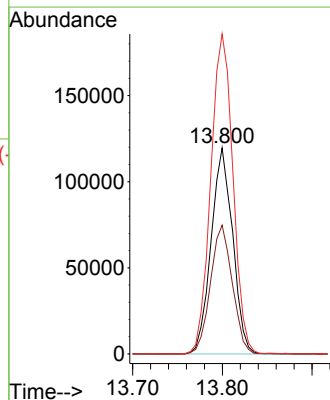
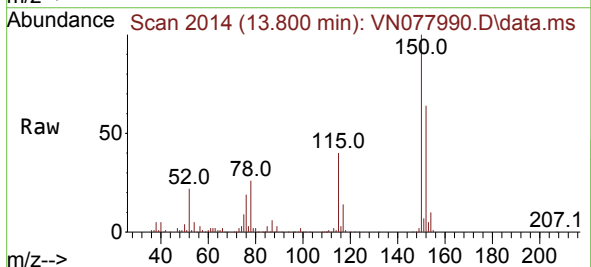
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20230523

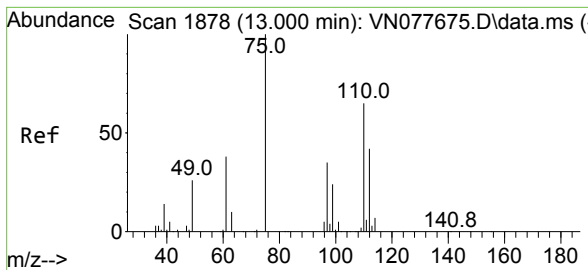
Tgt Ion:117 Resp: 637622
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077990.D
Acq: 31 May 2023 14:08

Tgt Ion:152 Resp: 199599
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 159.8 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 31.222 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN077990.D

Acq: 31 May 2023 14:08

Instrument :

MSVOA_N

ClientSampleId :

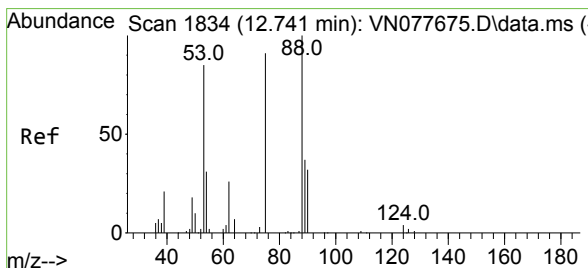
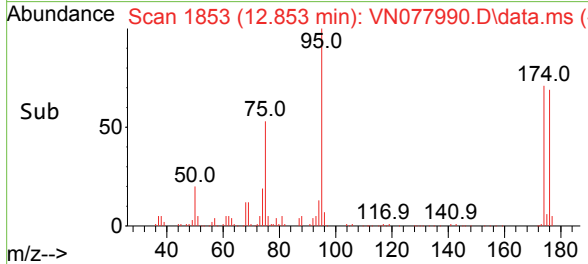
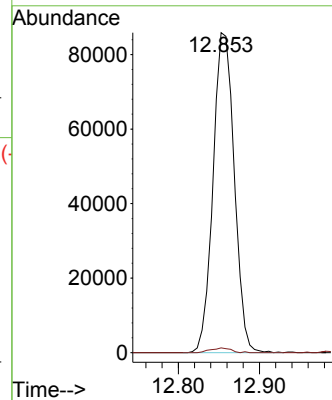
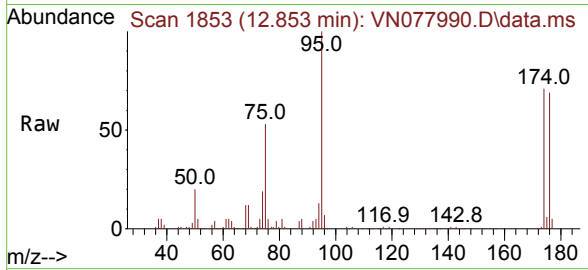
TT101D2-20230523

Tgt Ion: 75 Resp: 156069

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.802 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN077990.D

Acq: 31 May 2023 14:08

Tgt Ion: 75 Resp: 156069

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

