

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077969.D
 Acq On : 30 May 2023 15:03
 Operator : JC\MD
 Sample : 02973-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-117N-20230526

Quant Time: May 31 02:08:04 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

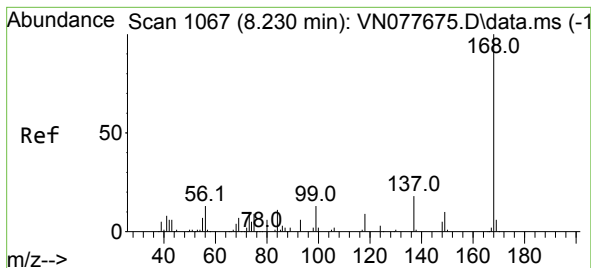
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	368724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	684005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	598853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	182649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	259438	47.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.040%		
35) Dibromofluoromethane	8.177	113	223546	50.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	10.576	98	844222	49.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.859	95	270405	44.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1908	Below Cal	#	83
5) Bromomethane	2.965	94	1177	0.301	ug/l	85
13) Acrolein	4.200	56	70	Below Cal	#	1
20) Methylene Chloride	5.277	84	892	Below Cal	#	55
31) Cyclohexane	8.235	56	9856	1.314	ug/l	36
36) 1,1-Dichloropropene	8.235	75	32253	4.944	ug/l	49
38) Carbon Tetrachloride	8.235	117	42280	6.418	ug/l	17
43) Isopropyl Acetate	8.765	43	3489	0.367	ug/l	49
44) Trichloroethene	9.359	130	2098	0.430	ug/l	73
76) 1,2,3-Trichloropropane	12.859	75	146106	31.941	ug/l	1
81) trans-1,4-Dichloro-2-b...	12.859	75	146106	102.101	ug/l	15

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

Quant Time: May 31 02:08:04 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN077969.D

Acq: 30 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

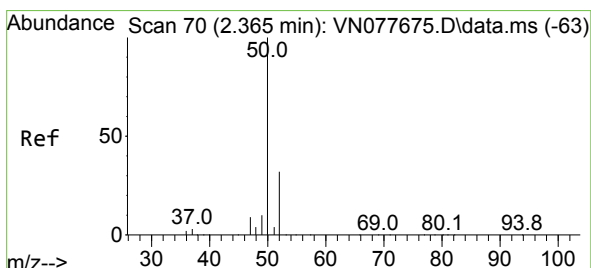
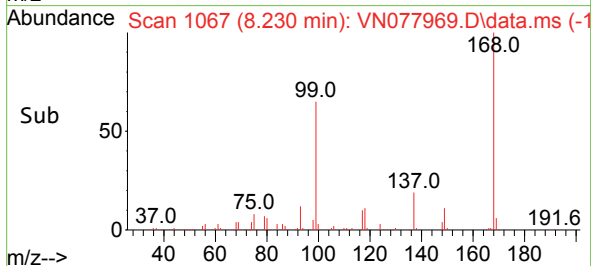
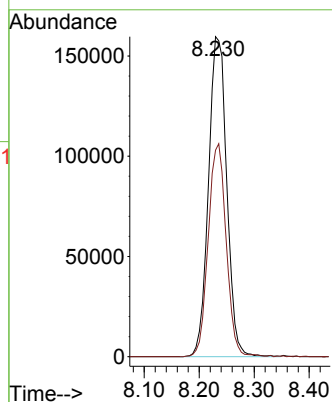
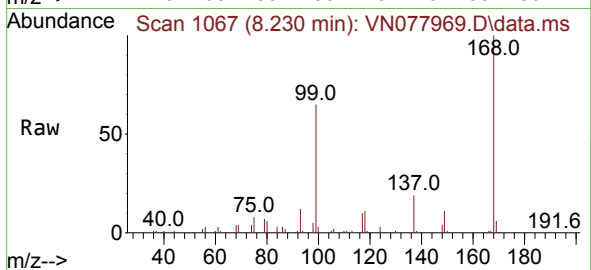
MH-117N-20230526

Tgt Ion:168 Resp: 368724

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN077969.D

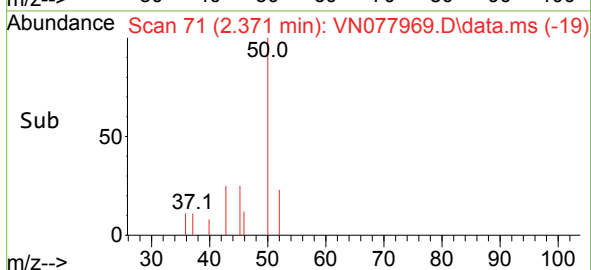
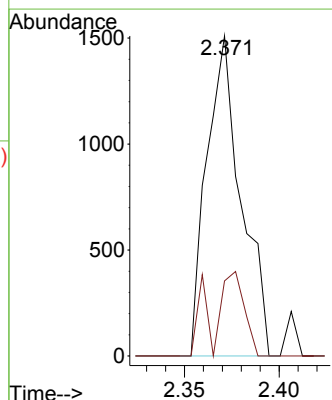
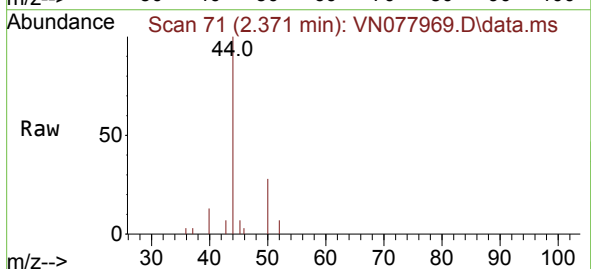
Acq: 30 May 2023 15:03

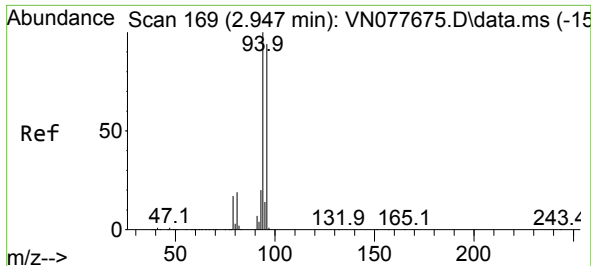
Tgt Ion: 50 Resp: 1908

Ion Ratio Lower Upper

50 100

52 23.4 26.5 39.7#

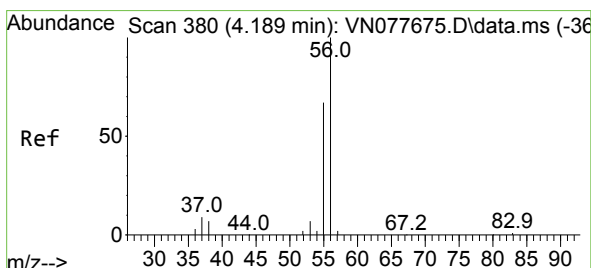
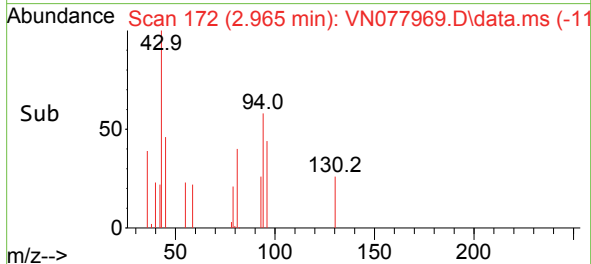
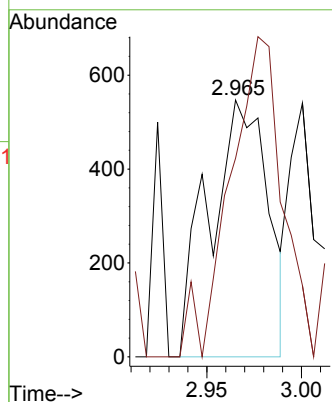
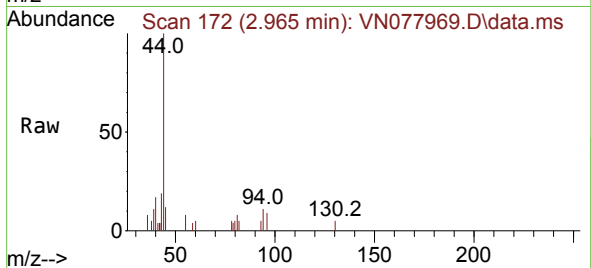




#5
Bromomethane
Concen: 0.301 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

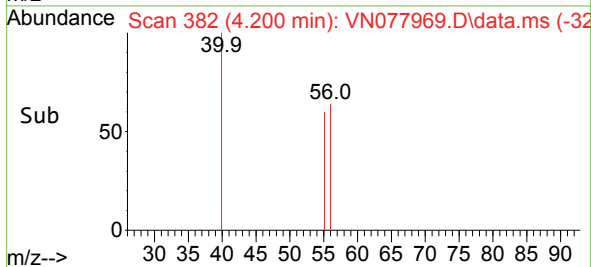
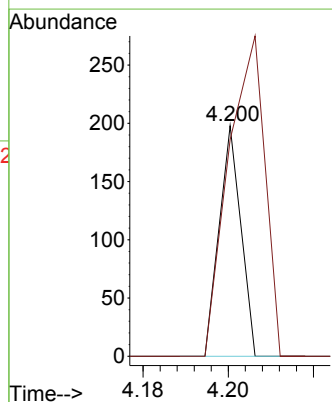
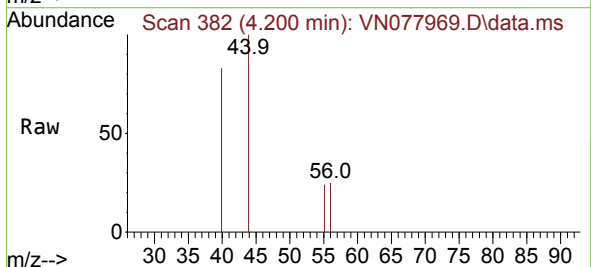
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20230526

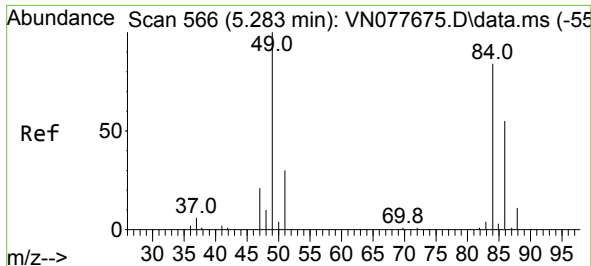
Tgt Ion: 94 Resp: 1177
Ion Ratio Lower Upper
94 100
96 77.3 73.1 109.7



#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 232.9 54.5 81.7#

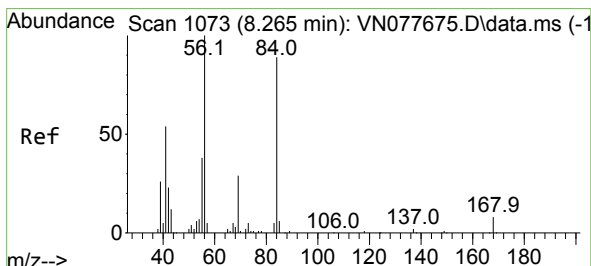
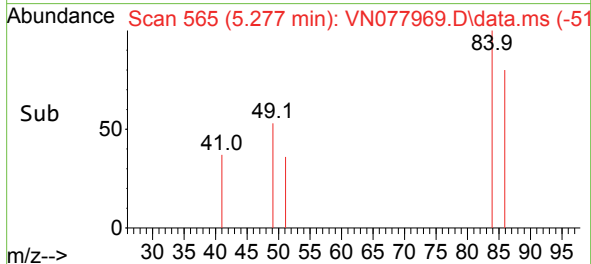
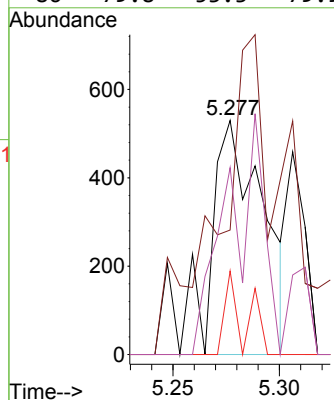
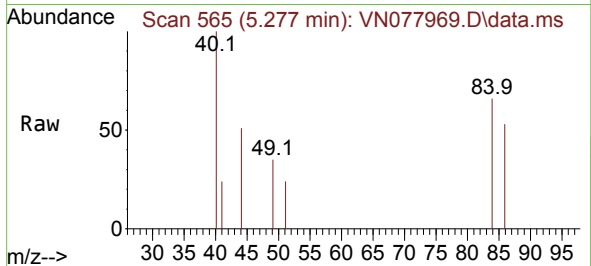




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

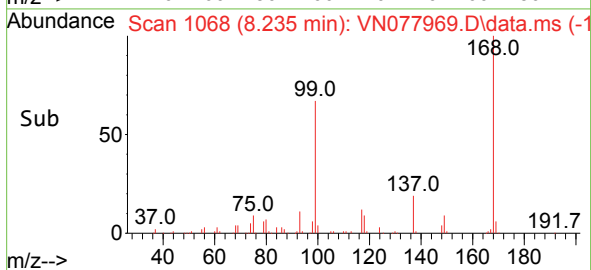
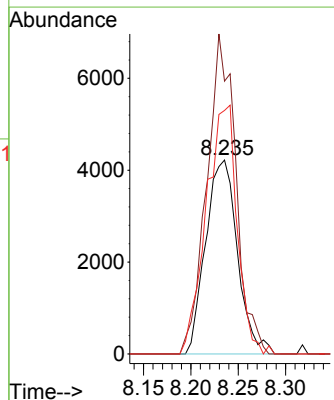
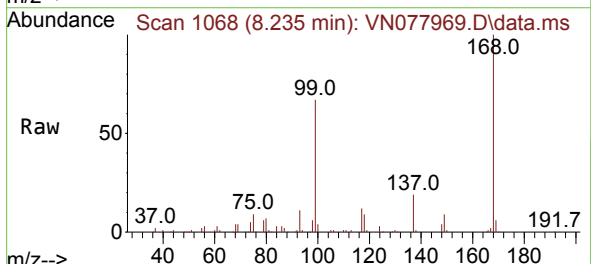
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20230526

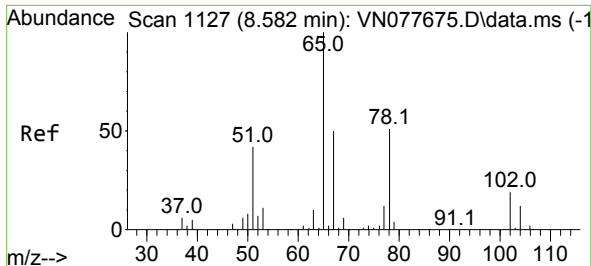
Tgt Ion:	84	Resp:	892
Ion	Ratio	Lower	Upper
84	100		
49	23.8	79.7	119.5#
51	35.7	25.2	37.8
86	79.8	53.3	79.9



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion:	56	Resp:	9856
Ion	Ratio	Lower	Upper
56	100		
69	140.6	26.8	40.2#
84	125.5	81.8	122.6#

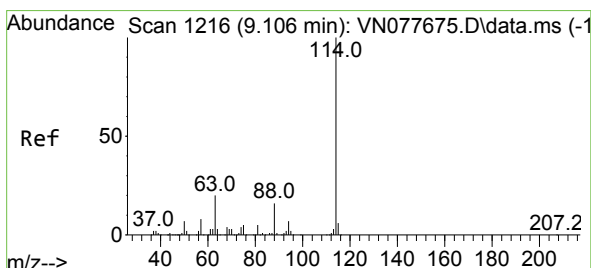
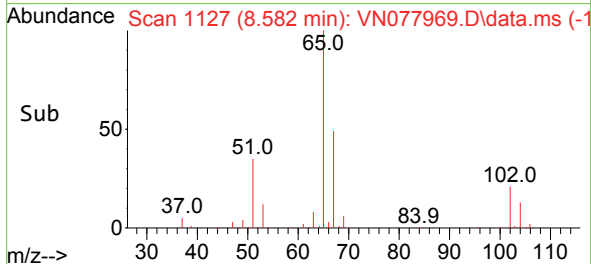
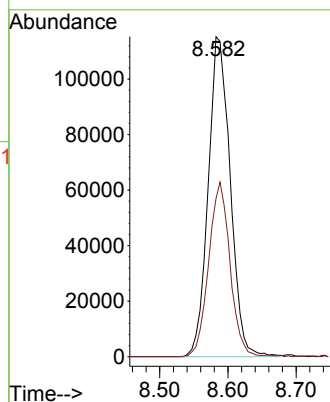
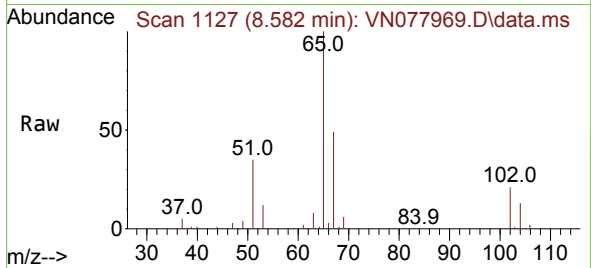




#33
1,2-Dichloroethane-d4
Concen: 47.025 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

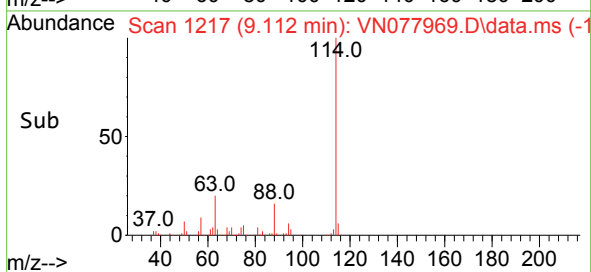
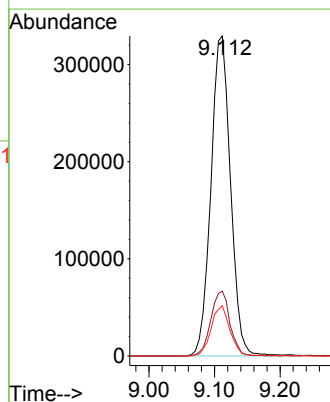
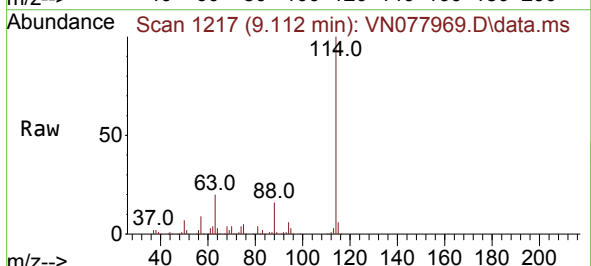
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20230526

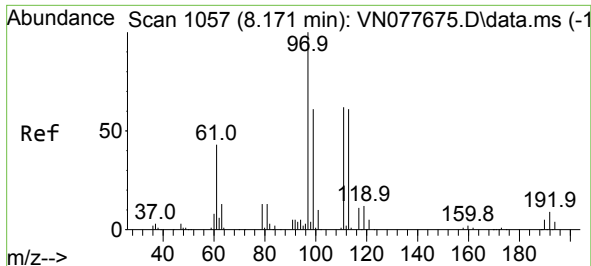
Tgt Ion: 65 Resp: 259438
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion: 114 Resp: 684005
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 15.7 0.0 30.6

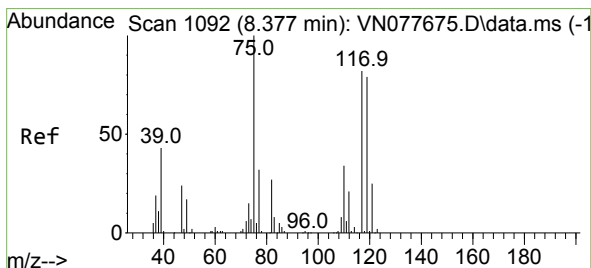
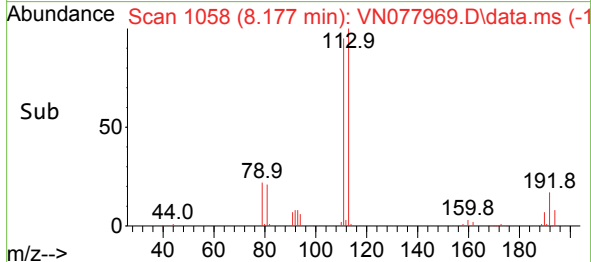
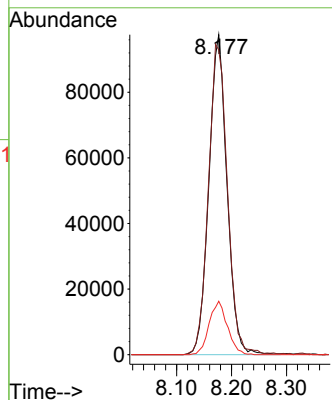
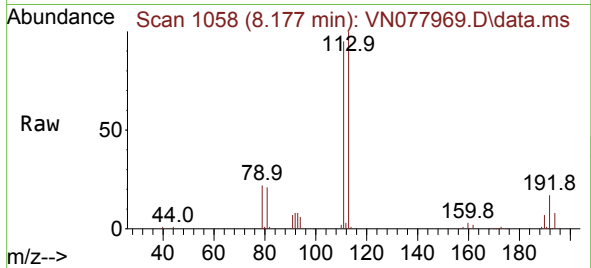




#35
 Dibromofluoromethane
 Concen: 50.119 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN077969.D
 Acq: 30 May 2023 15:03

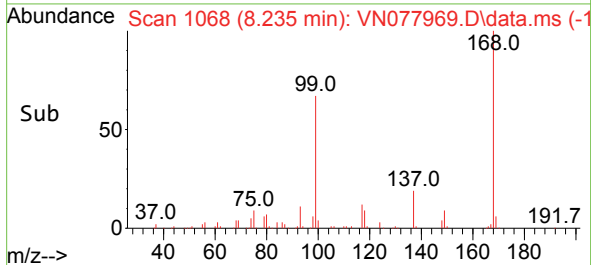
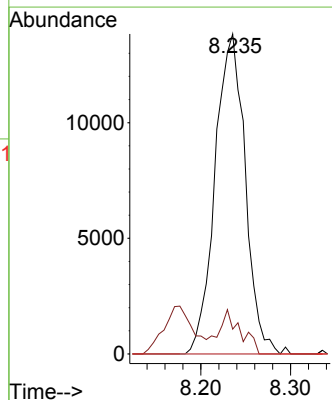
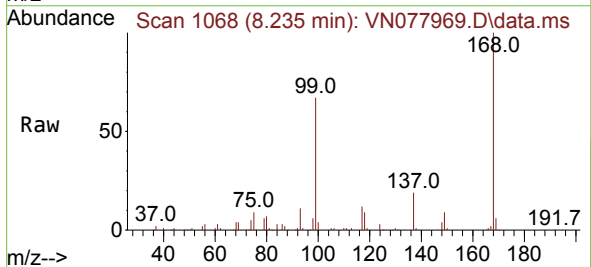
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-117N-20230526

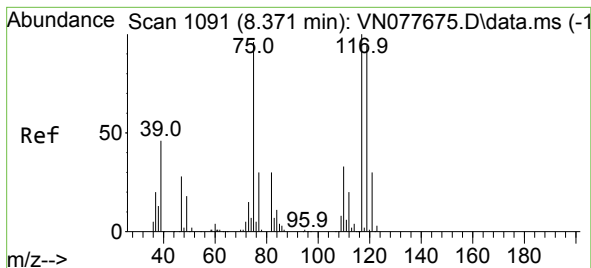
Tgt Ion: 113 Resp: 223546
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.6 123.8
 192 16.8 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 4.944 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.142 min
 Lab File: VN077969.D
 Acq: 30 May 2023 15:03

Tgt Ion: 75 Resp: 32253
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.1 57.3#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.418 ug/l

RT: 8.235 min Scan# 1108

Delta R.T. -0.136 min

Lab File: VN077969.D

Acq: 30 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

MH-117N-20230526

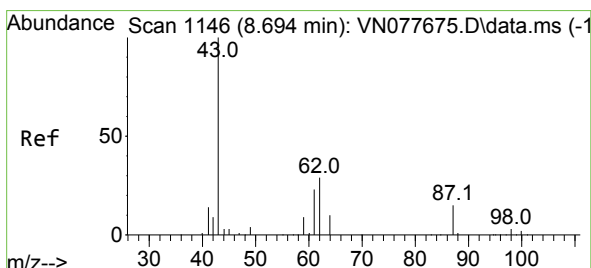
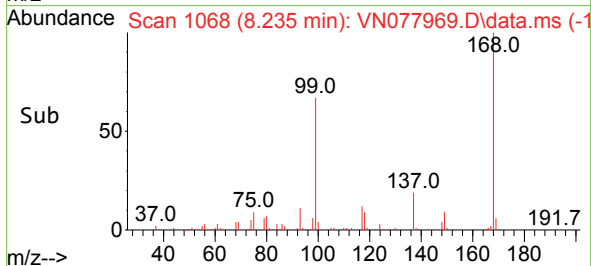
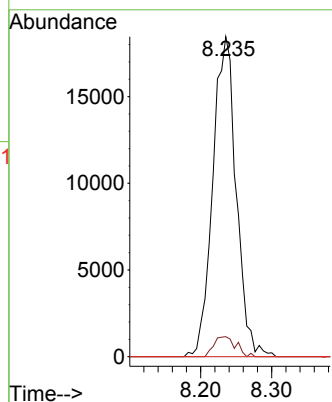
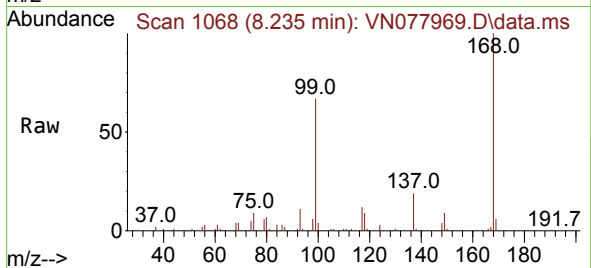
Tgt Ion:117 Resp: 42280

Ion Ratio Lower Upper

117 100

119 6.3 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 0.367 ug/l

RT: 8.765 min Scan# 1158

Delta R.T. 0.071 min

Lab File: VN077969.D

Acq: 30 May 2023 15:03

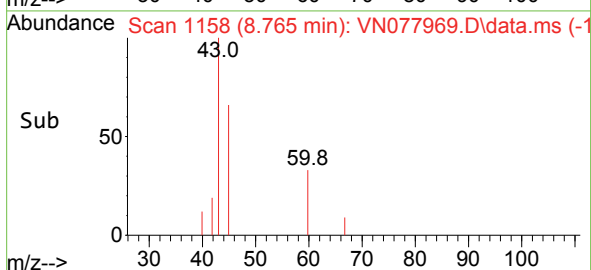
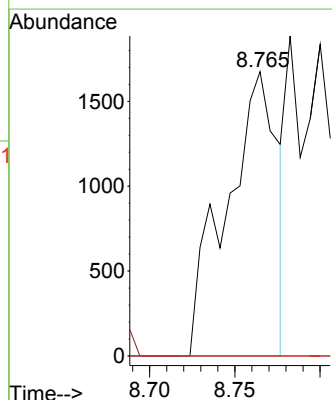
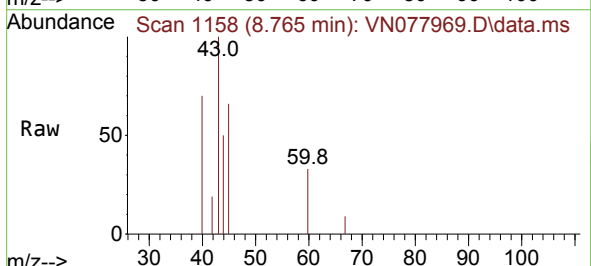
Tgt Ion: 43 Resp: 3489

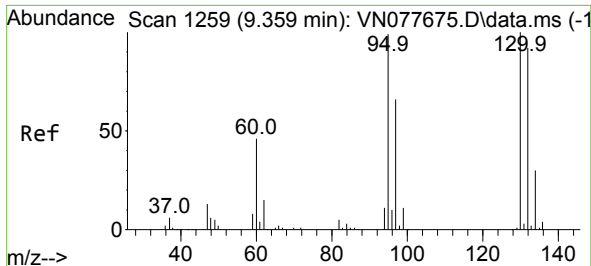
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

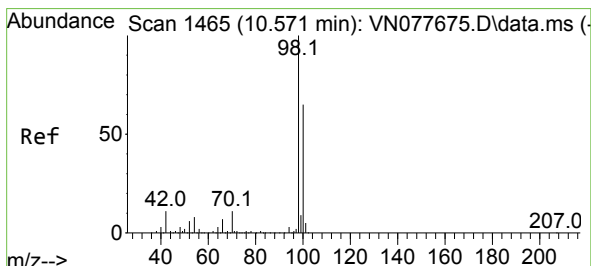
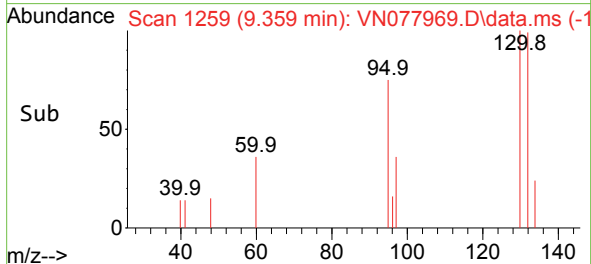
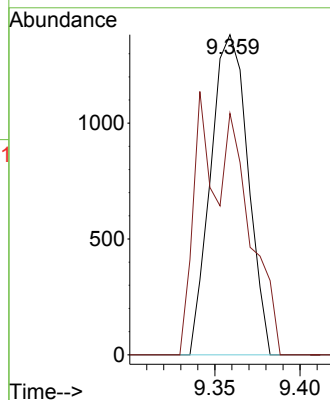
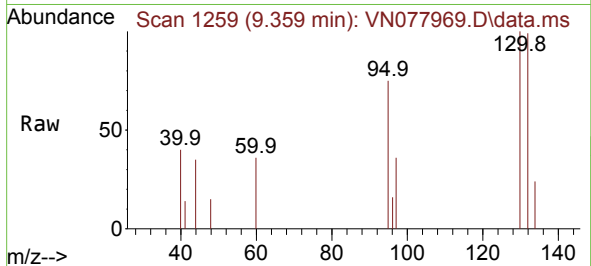




#44
Trichloroethene
Concen: 0.430 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

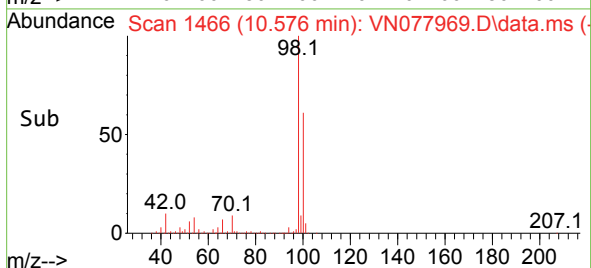
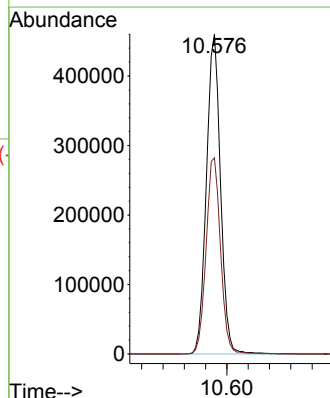
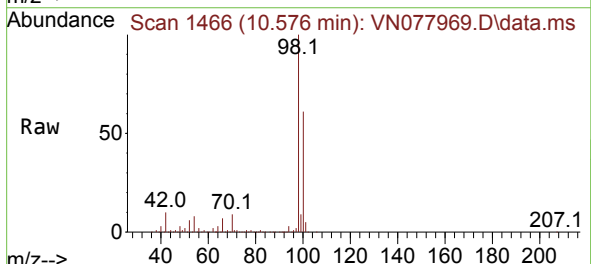
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20230526

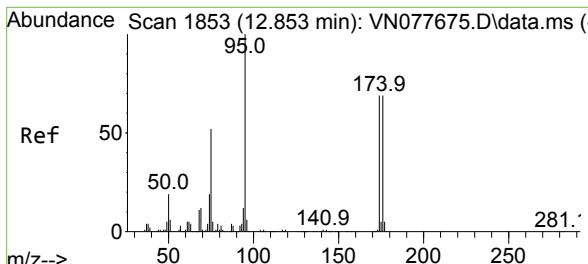
Tgt Ion:130 Resp: 2098
Ion Ratio Lower Upper
130 100
95 75.4 0.0 204.6



#50
Toluene-d8
Concen: 49.174 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion: 98 Resp: 844222
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

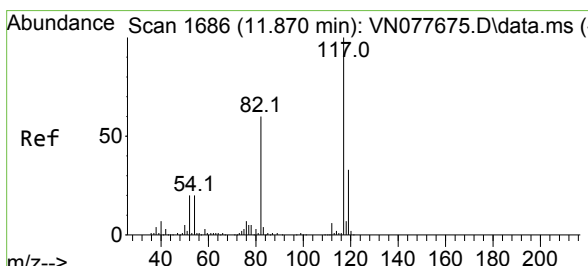
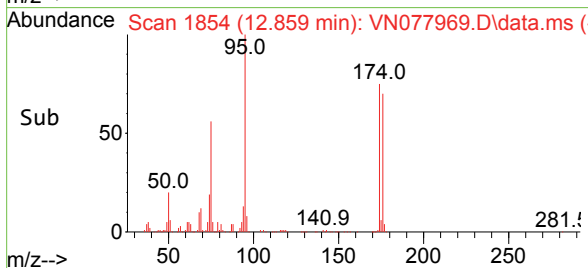
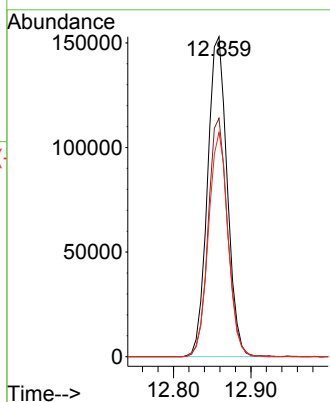
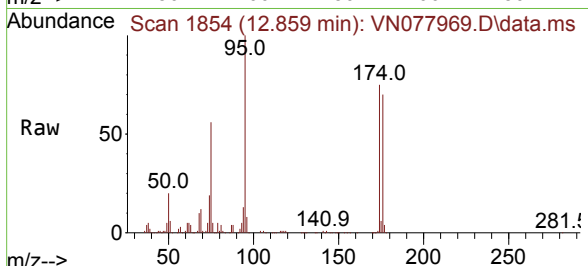




#62
4-Bromofluorobenzene
Concen: 44.596 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

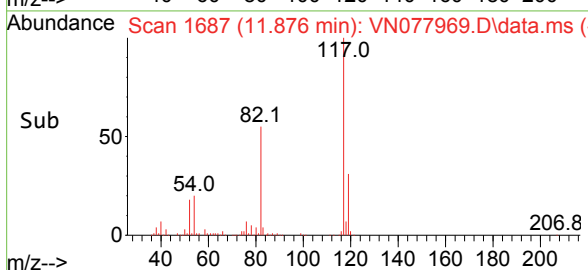
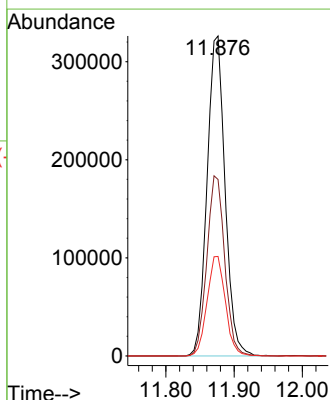
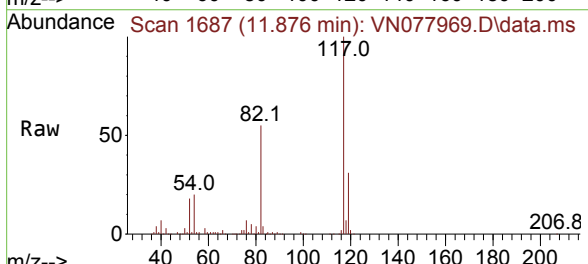
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20230526

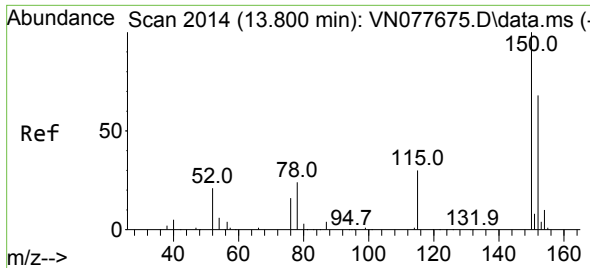
Tgt Ion:	95	Resp:	270405
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	143.8
176	69.6	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077969.D
Acq: 30 May 2023 15:03

Tgt Ion:	117	Resp:	598853
Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.0	66.0
119	31.1	25.6	38.4

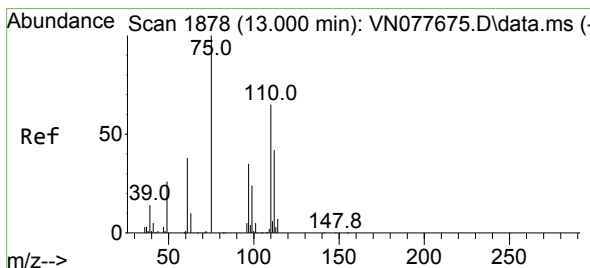
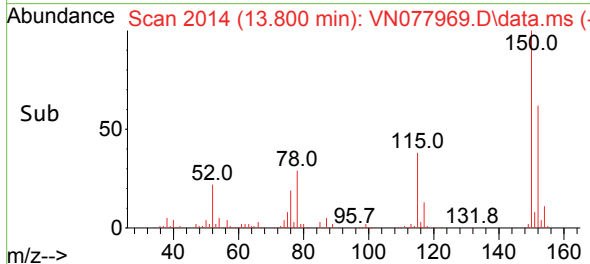
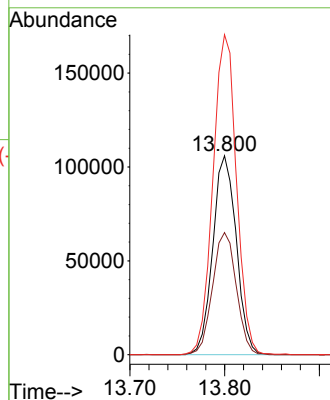
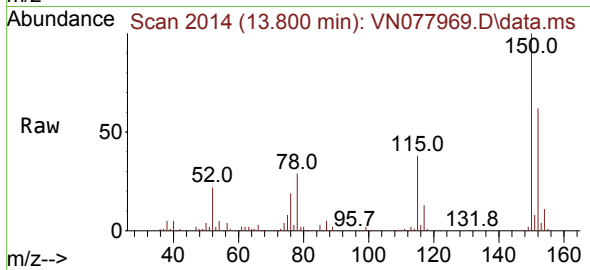




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077969.D
 Acq: 30 May 2023 15:03

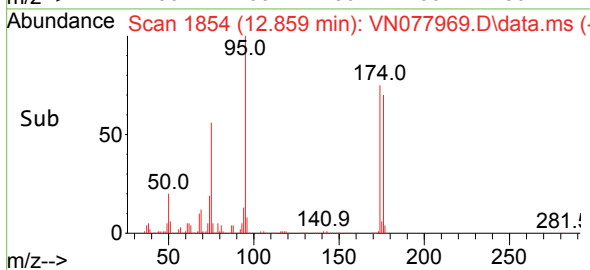
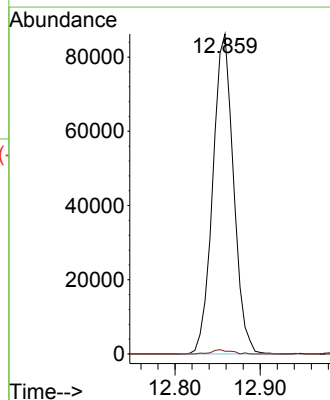
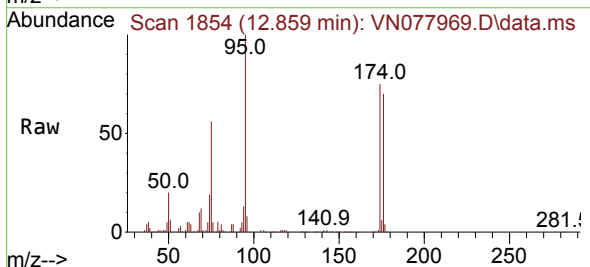
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-117N-20230526

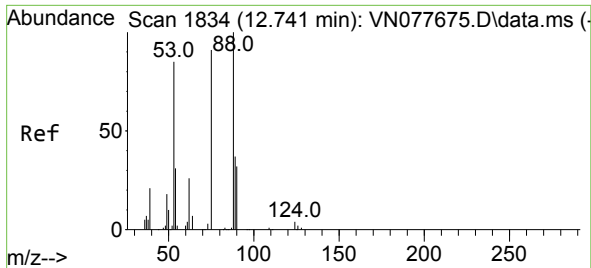
Tgt Ion:152 Resp: 182649
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 161.5 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 31.941 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. -0.141 min
 Lab File: VN077969.D
 Acq: 30 May 2023 15:03

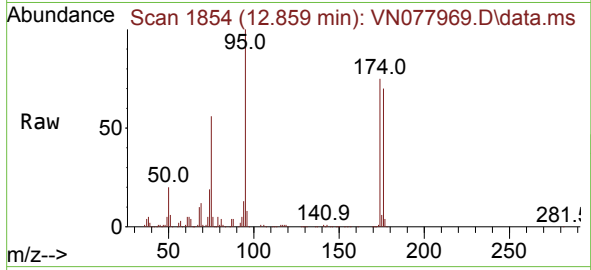
Tgt Ion: 75 Resp: 146106
 Ion Ratio Lower Upper
 75 100
 77 1.2 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.101 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077969.D
 Acq: 30 May 2023 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-117N-20230526



Tgt Ion: 75 Resp: 146106
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

