

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN078001.D
 Acq On : 31 May 2023 18:31
 Operator : JC\MD
 Sample : 02910-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523

Quant Time: Jun 01 01:57:29 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)

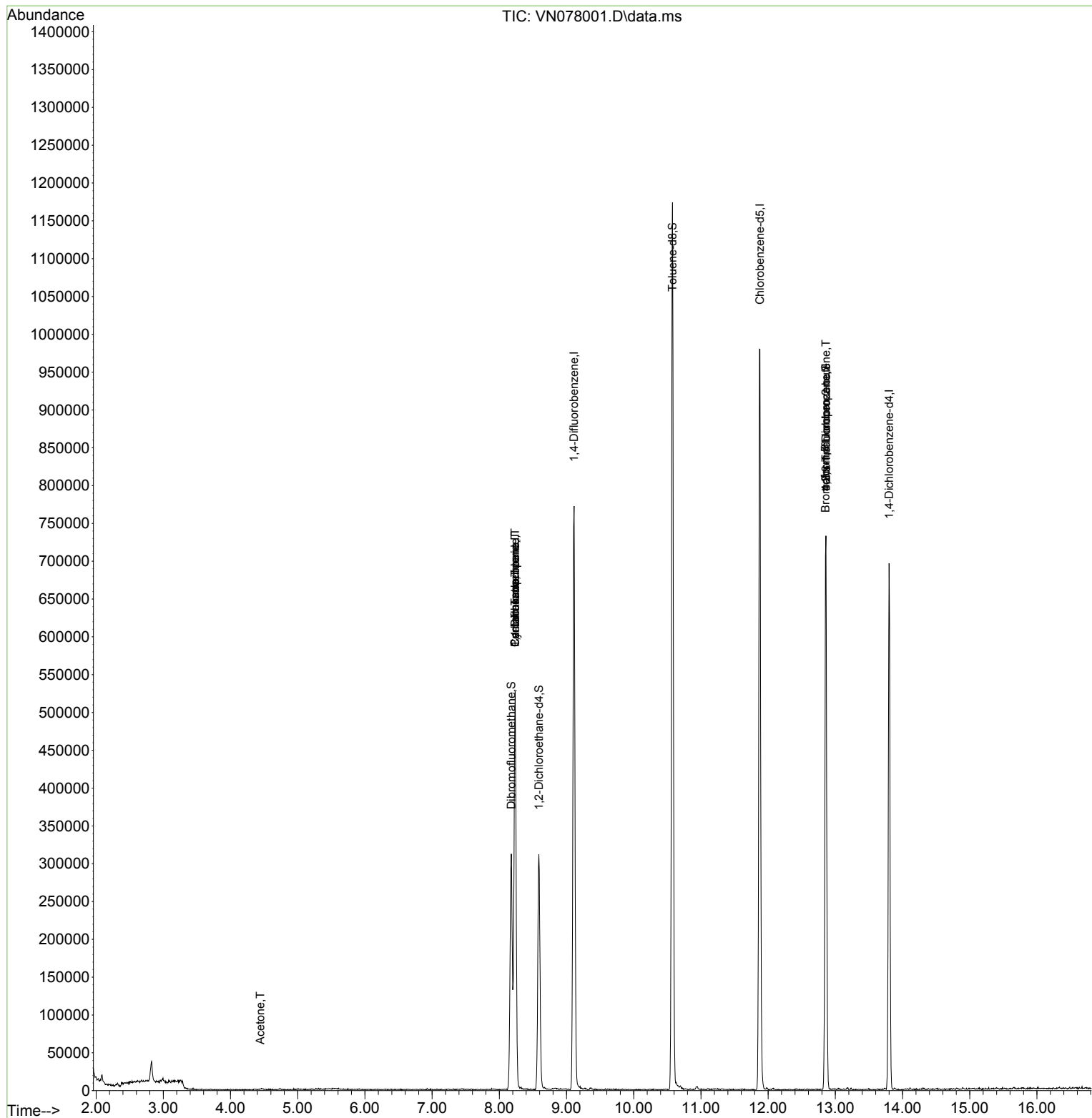
Internal Standards						
1) Pentafluorobenzene	8.236	168	370861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	680844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	596231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259438	46.754	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.500%
35) Dibromofluoromethane	8.177	113	225593	50.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.620%
50) Toluene-d8	10.577	98	853808	49.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.859	95	272394	45.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1037	Below Cal	#	87
13) Acrolein	4.224	56	77	Below Cal	#	1
16) Acetone	4.442	43	699	0.400	ug/l #	40
20) Methylene Chloride	5.283	84	341	Below Cal	#	59
31) Cyclohexane	8.236	56	9124	1.210	ug/l #	36
36) 1,1-Dichloropropene	8.236	75	31953	4.921	ug/l #	49
38) Carbon Tetrachloride	8.236	117	40011	6.102	ug/l #	16
71) Bromoform	12.853	173	1542	0.518	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	144219	30.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	144219	98.775	ug/l #	15

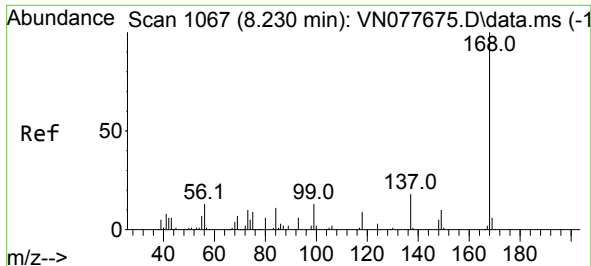
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
Data File : VN078001.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

Quant Time: Jun 01 01:57:29 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

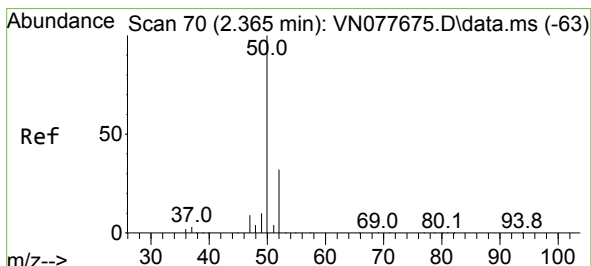
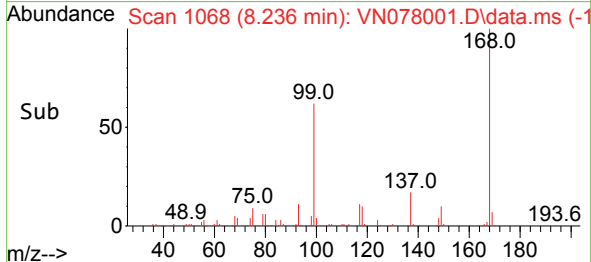
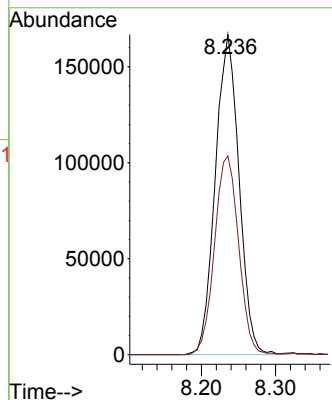
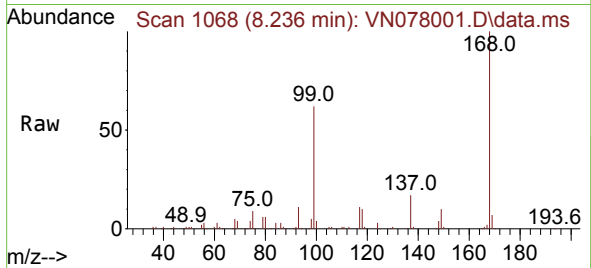




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

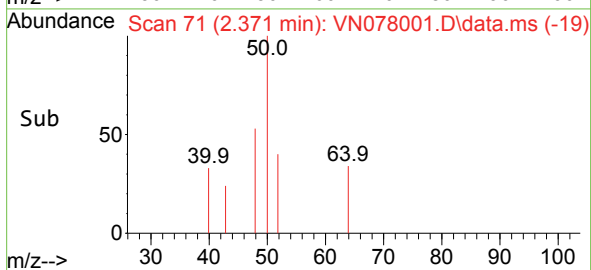
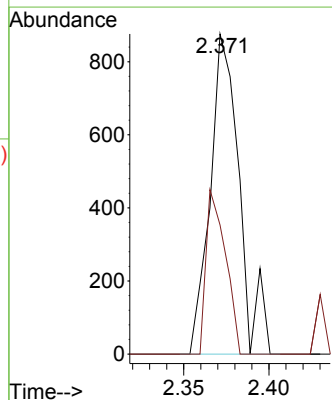
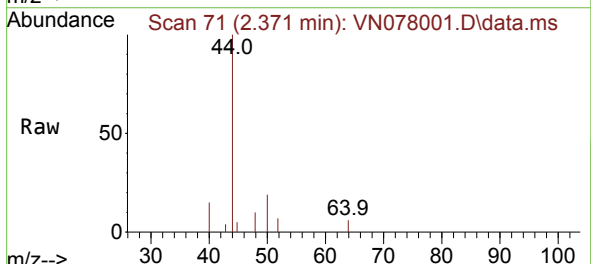
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

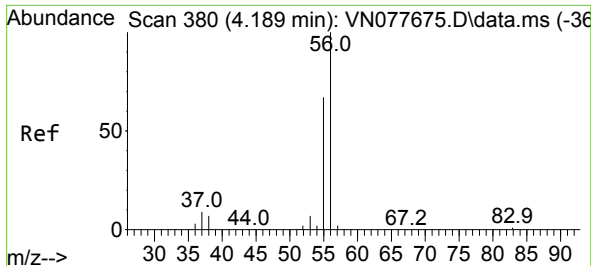
Tgt Ion:168 Resp: 370861
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion: 50 Resp: 1037
Ion Ratio Lower Upper
50 100
52 40.3 26.5 39.7#

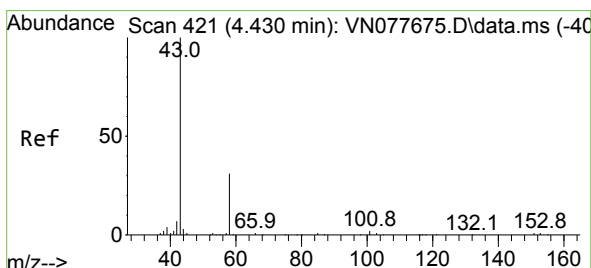
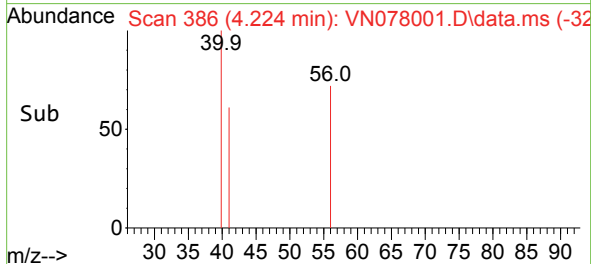
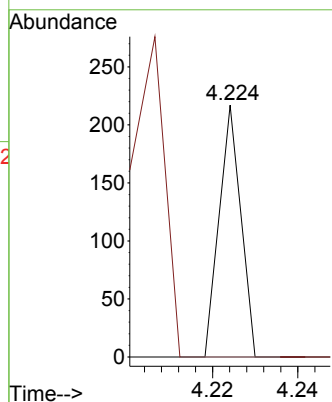
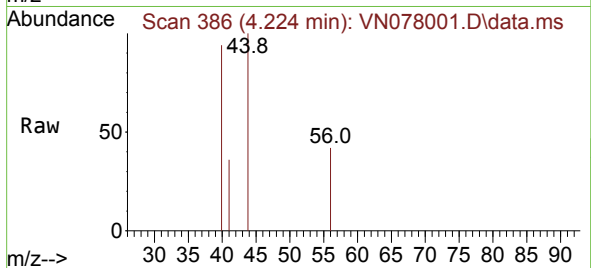




#13
Acrolein
Concen: Below Cal
RT: 4.224 min Scan# 386
Delta R.T. 0.035 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

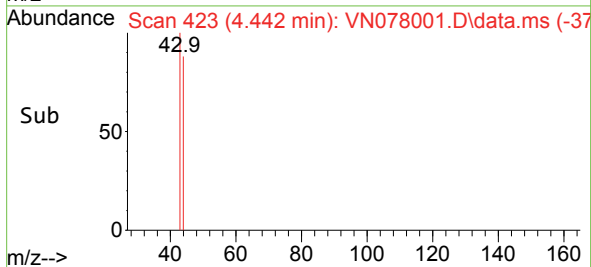
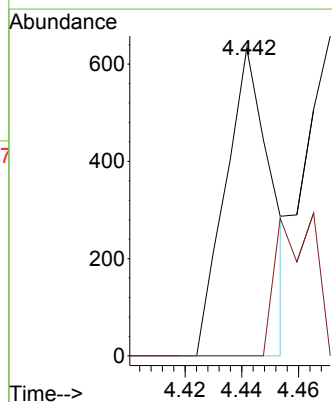
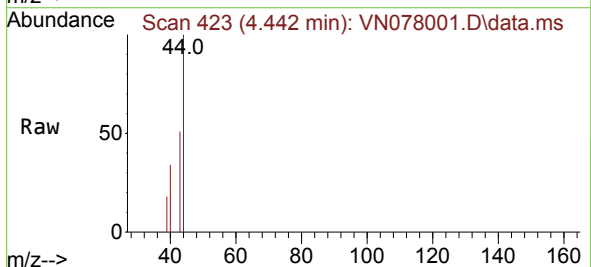
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

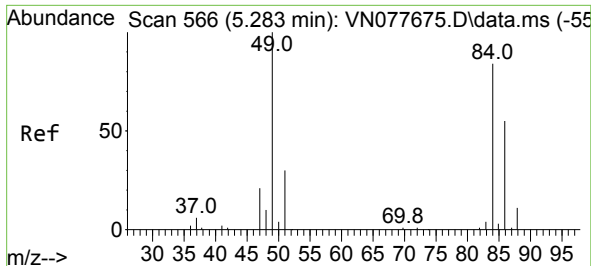
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 200.0 54.5 81.7#



#16
Acetone
Concen: 0.400 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

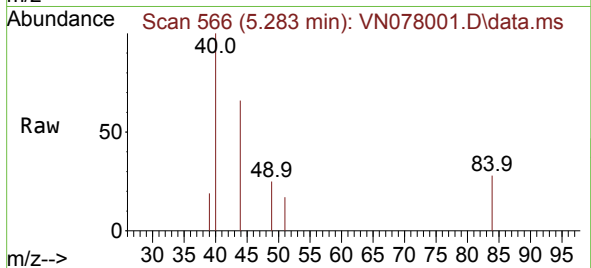
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



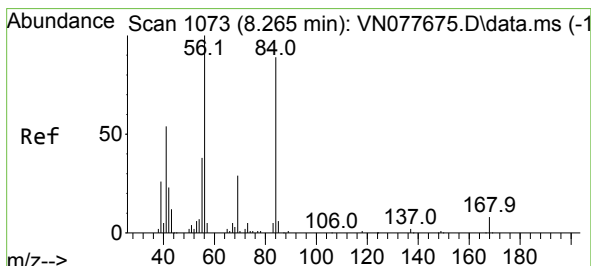
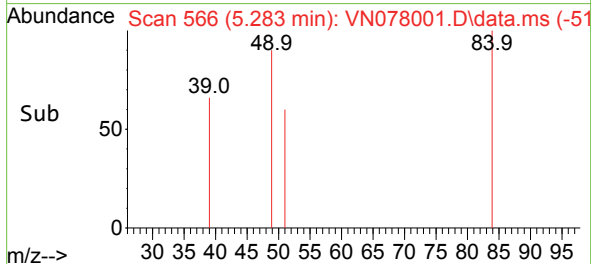
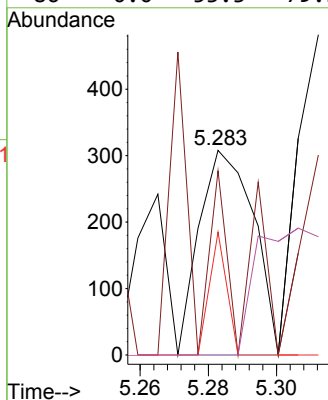


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

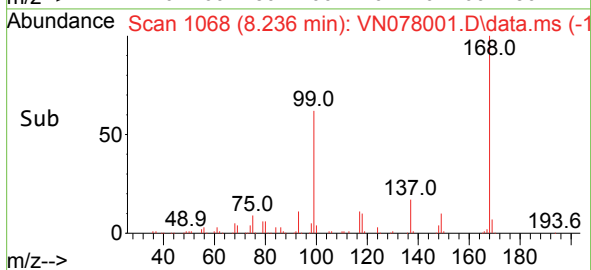
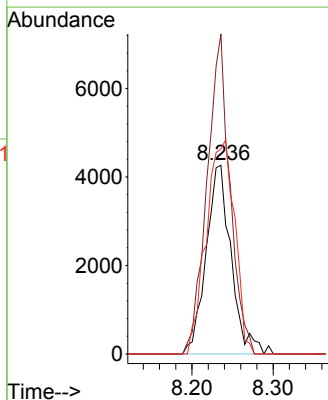
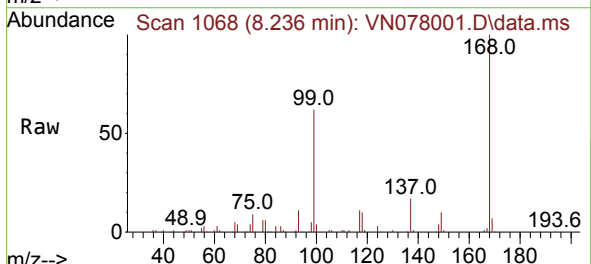


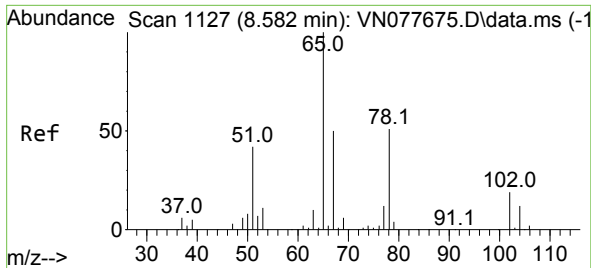
Tgt Ion:	84	Resp:	341
Ion	Ratio	Lower	Upper
84	100		
49	89.9	79.7	119.5
51	60.1	25.2	37.8#
86	0.0	53.3	79.9#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion:	56	Resp:	9124
Ion	Ratio	Lower	Upper
56	100		
69	169.6	26.8	40.2#
84	108.6	81.8	122.6

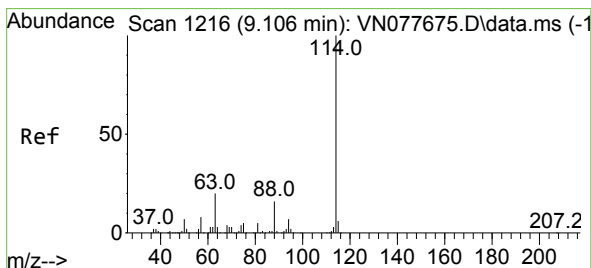
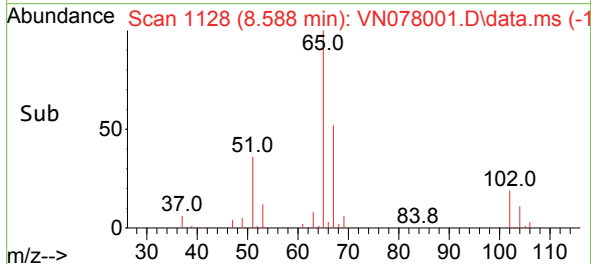
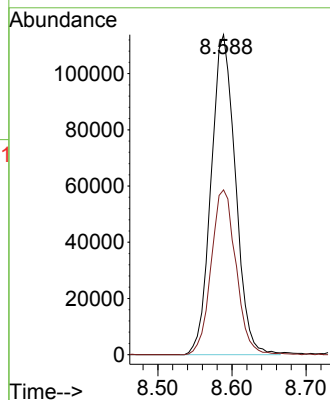
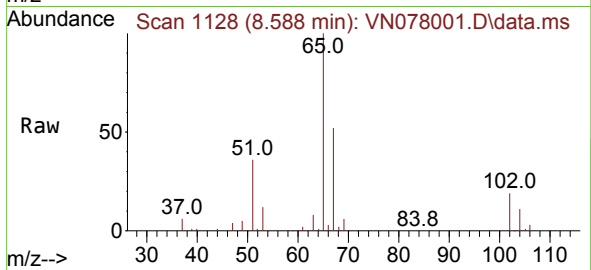




#33
 1,2-Dichloroethane-d4
 Concen: 46.754 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN078001.D
 Acq: 31 May 2023 18:31

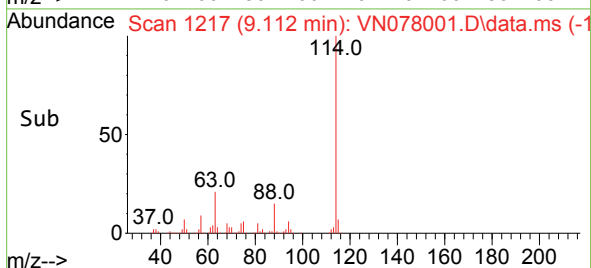
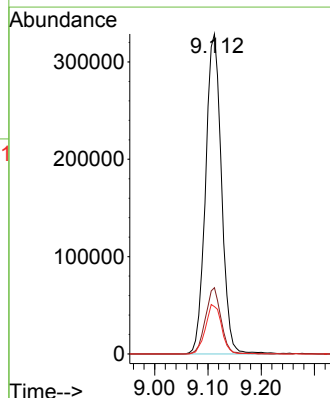
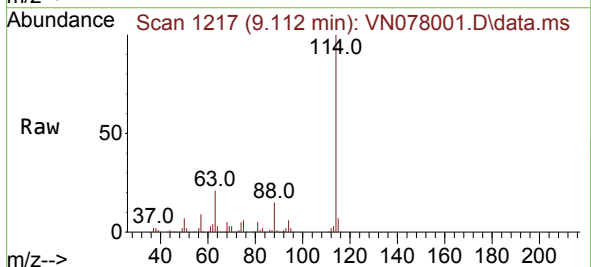
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523

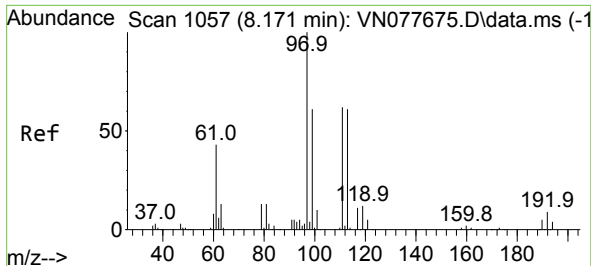
Tgt Ion: 65 Resp: 259438
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VN078001.D
 Acq: 31 May 2023 18:31

Tgt Ion: 114 Resp: 680844
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 36.4
 88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.813 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078001.D

Acq: 31 May 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523

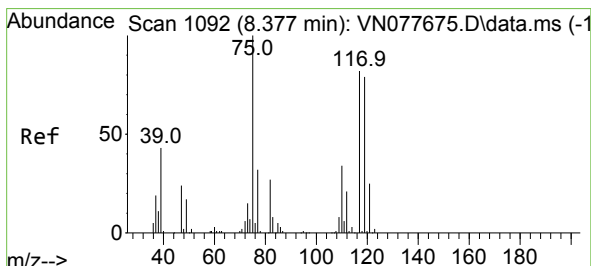
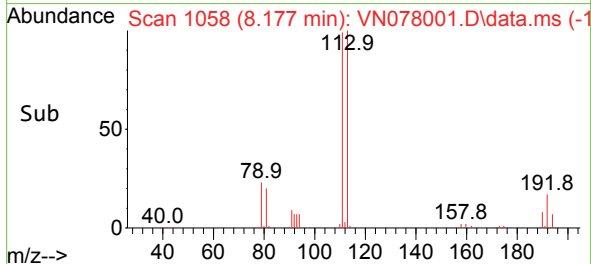
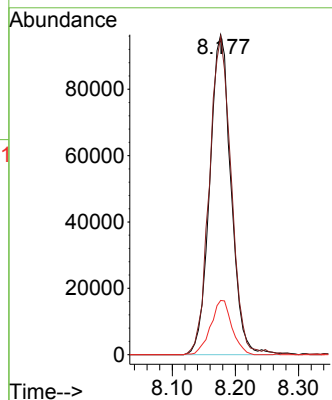
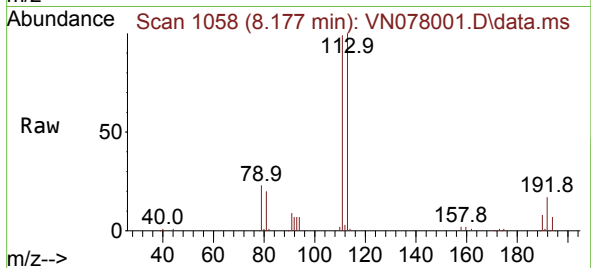
Tgt Ion:113 Resp: 225593

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 16.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN078001.D

Acq: 31 May 2023 18:31

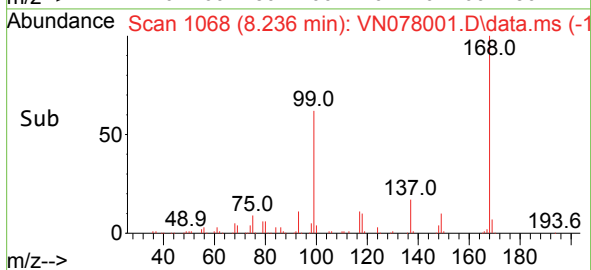
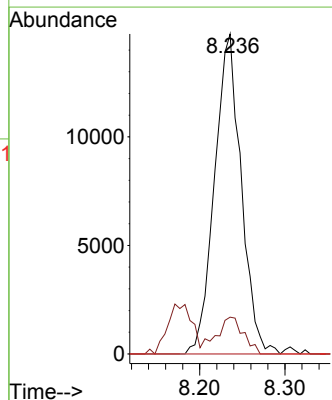
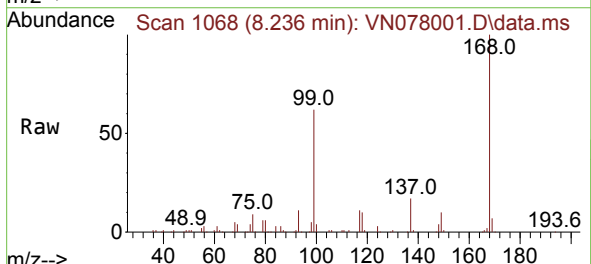
Tgt Ion: 75 Resp: 31953

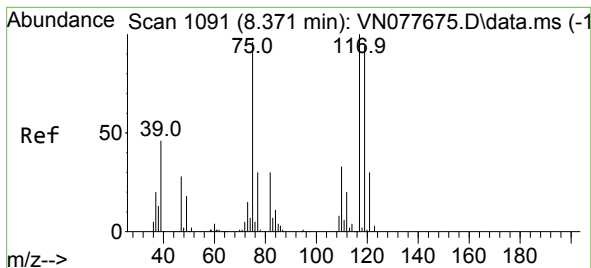
Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.102 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN078001.D

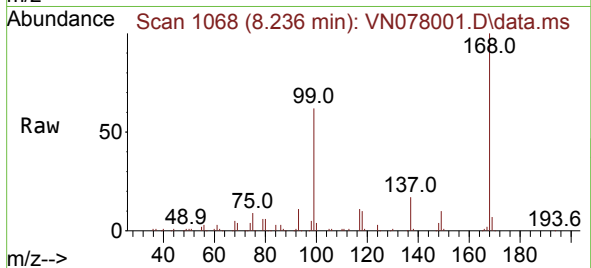
Acq: 31 May 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523



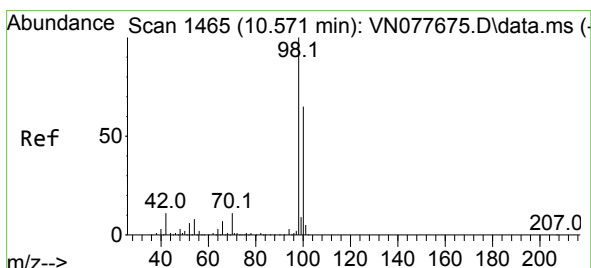
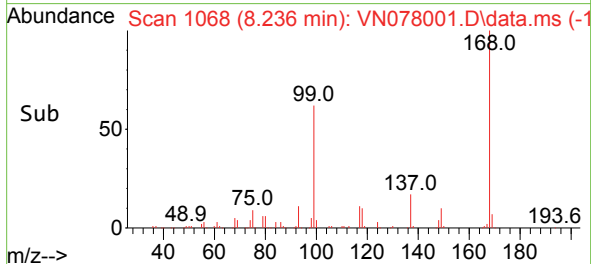
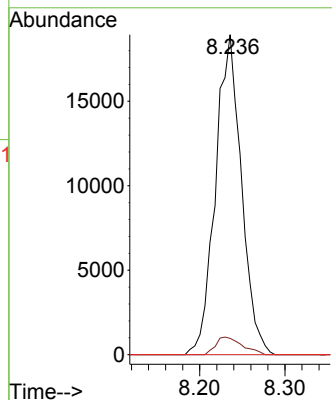
Tgt Ion:117 Resp: 40011

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.963 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078001.D

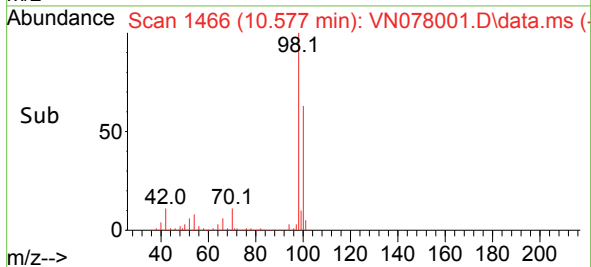
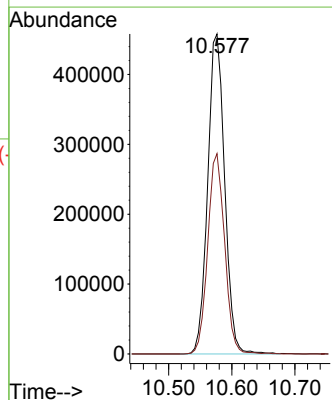
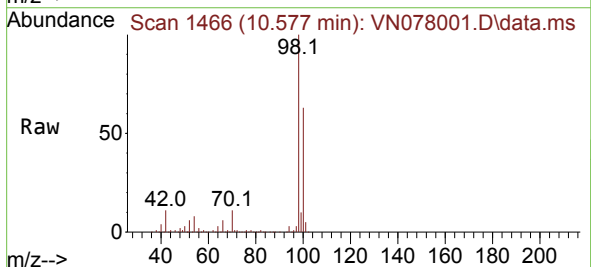
Acq: 31 May 2023 18:31

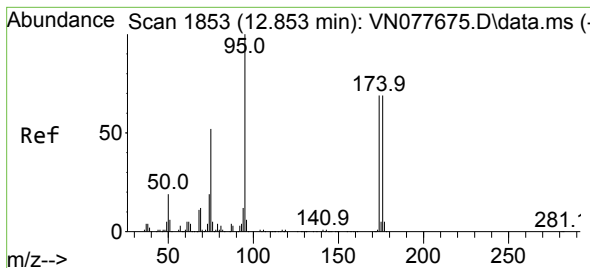
Tgt Ion: 98 Resp: 853808

Ion Ratio Lower Upper

98 100

100 62.3 52.0 78.0

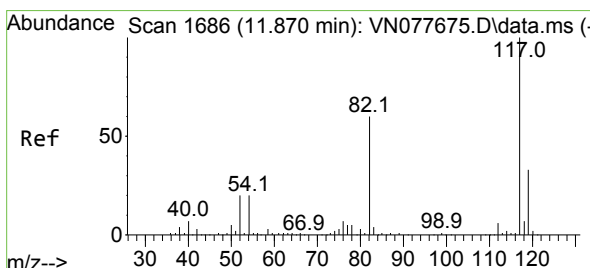
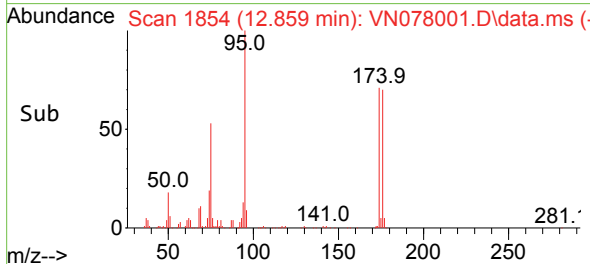
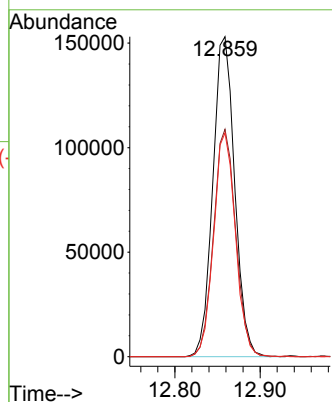
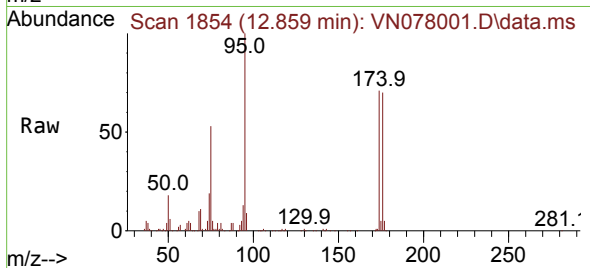




#62
4-Bromofluorobenzene
Concen: 45.133 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

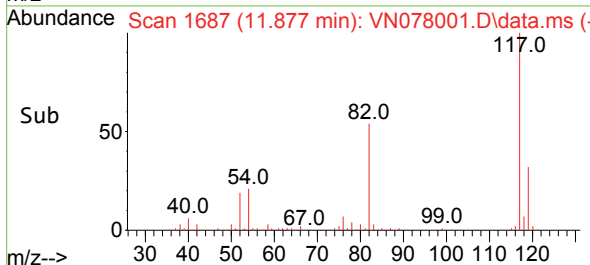
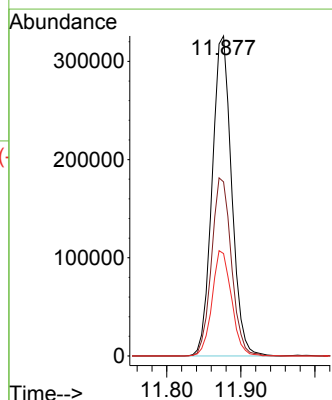
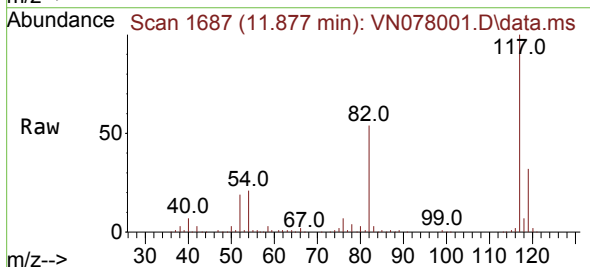
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

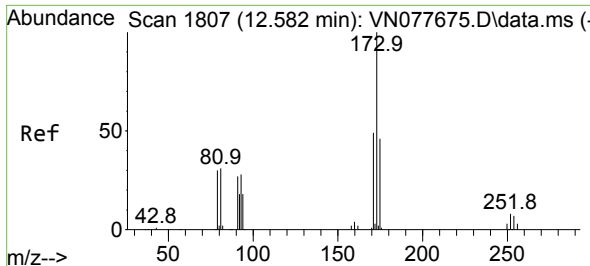
Tgt Ion: 95 Resp: 272394
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 69.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.877 min Scan# 1687
Delta R.T. 0.007 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion: 117 Resp: 596231
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.0 25.6 38.4

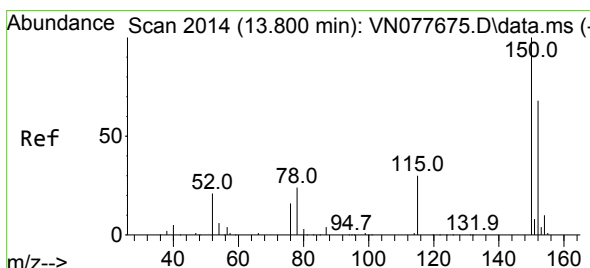
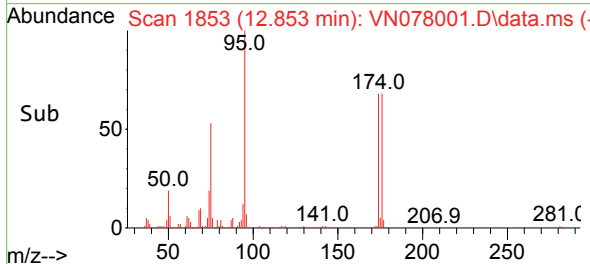
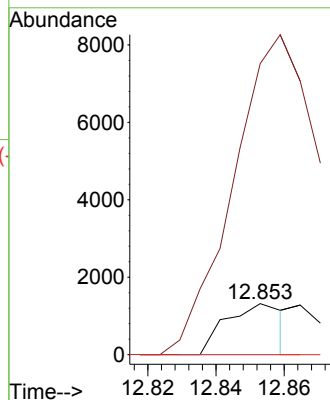
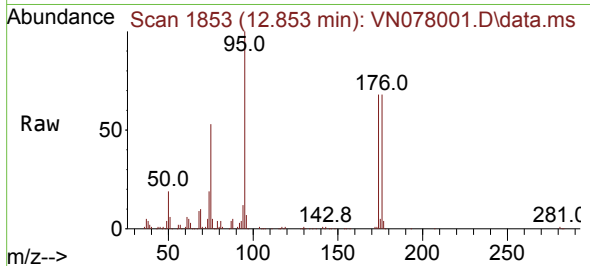




#71
Bromoform
Concen: 0.518 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

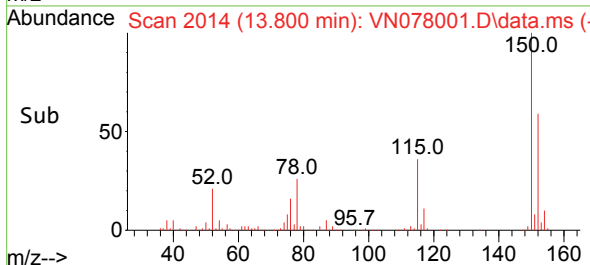
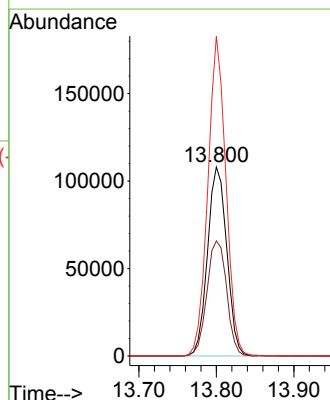
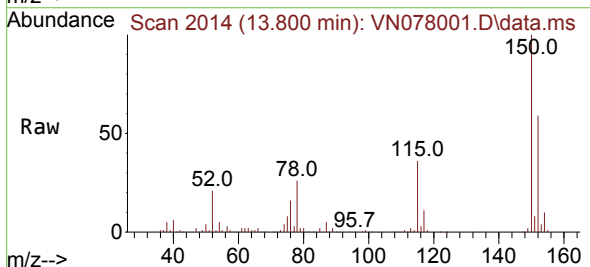
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

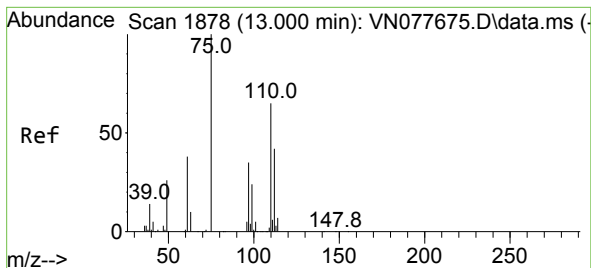
Tgt Ion:173 Resp: 1542
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion:152 Resp: 186361
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 158.6 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 30.901 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.141 min

Lab File: VN078001.D

Acq: 31 May 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

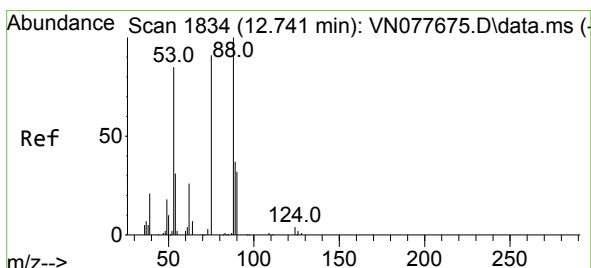
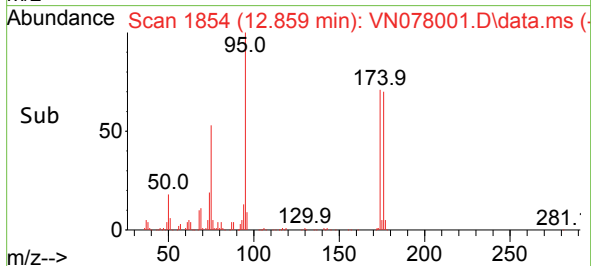
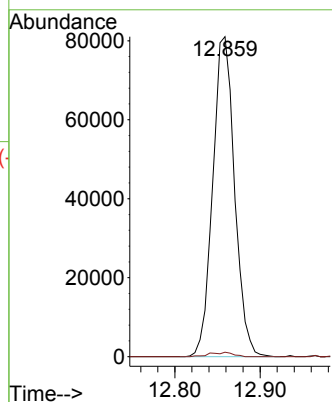
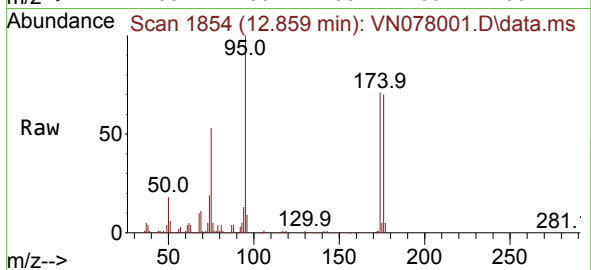
MW33S-20230523

Tgt Ion: 75 Resp: 144219

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 98.775 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.118 min

Lab File: VN078001.D

Acq: 31 May 2023 18:31

Tgt Ion: 75 Resp: 144219

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#

