

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077979.D
 Acq On : 30 May 2023 19:03
 Operator : JC\MD
 Sample : 02910-04 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523

Quant Time: May 31 02:11:34 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)

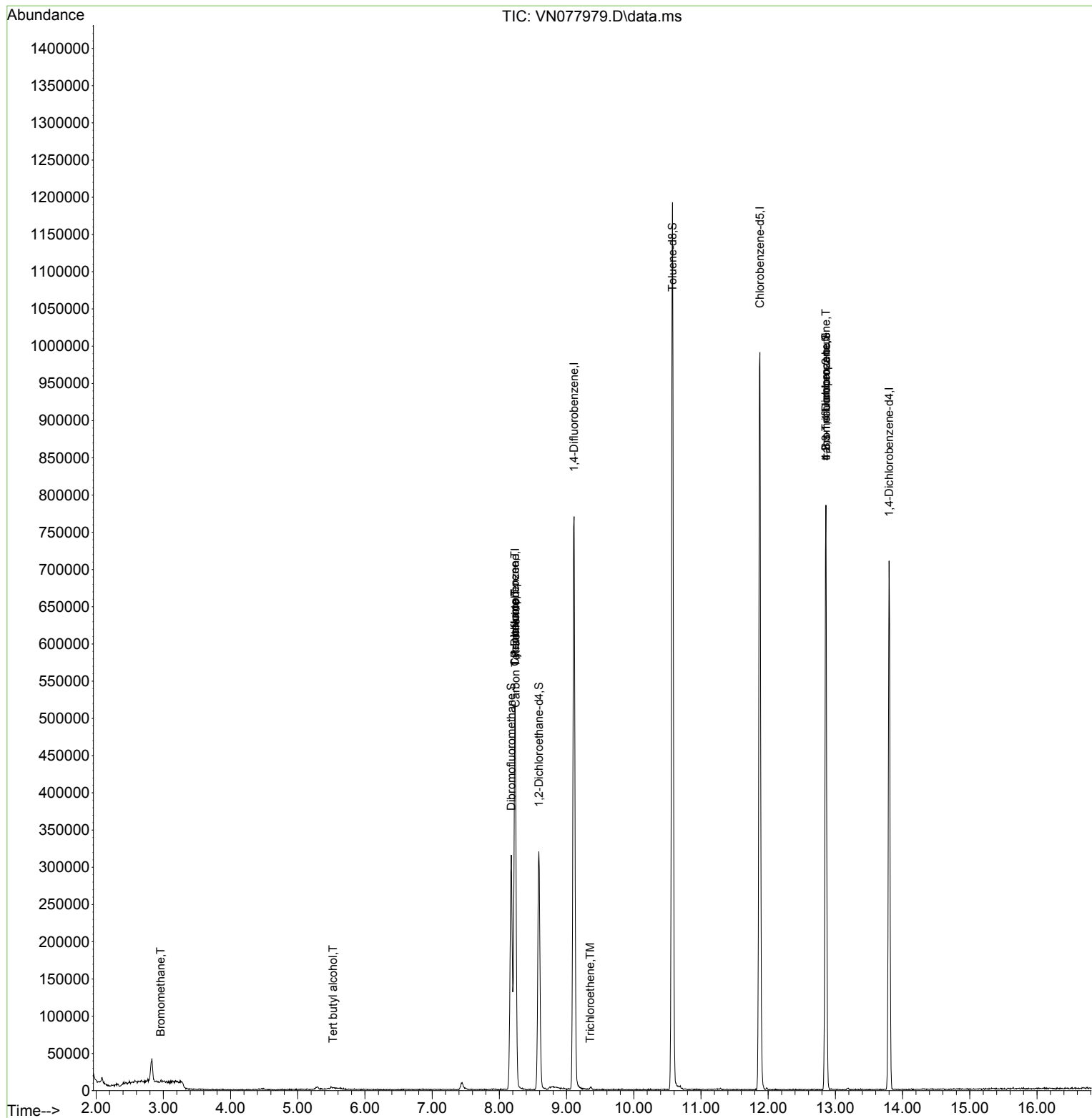
Internal Standards						
1) Pentafluorobenzene	8.235	168	367251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	681069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	609889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	187863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263986	48.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.080%
35) Dibromofluoromethane	8.177	113	221854	49.954	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.576	98	861418	50.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.859	95	269010	44.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	773	Below Cal	#	42
5) Bromomethane	2.959	94	1472	0.378	ug/l #	26
11) Tert butyl alcohol	5.524	59	1094	1.443	ug/l #	72
13) Acrolein	4.465	56	81	Below Cal	#	16
20) Methylene Chloride	5.289	84	2574	Below Cal	#	73
31) Cyclohexane	8.229	56	9511	1.273	ug/l #	41
36) 1,1-Dichloropropene	8.229	75	31728	4.884	ug/l #	42
38) Carbon Tetrachloride	8.241	117	41375	6.308	ug/l #	14
44) Trichloroethene	9.353	130	1397	0.288	ug/l	54
76) 1,2,3-Trichloropropane	12.859	75	146268	31.089	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	146268	99.378	ug/l #	15

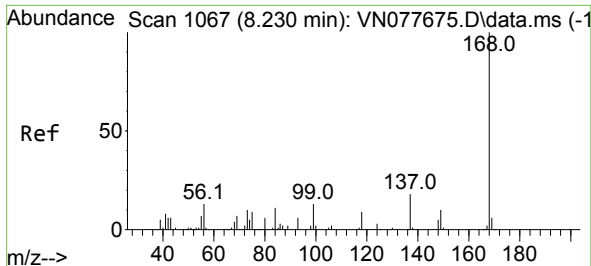
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
Data File : VN077979.D
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Sample : 02910-04 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Quant Time: May 31 02:11:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
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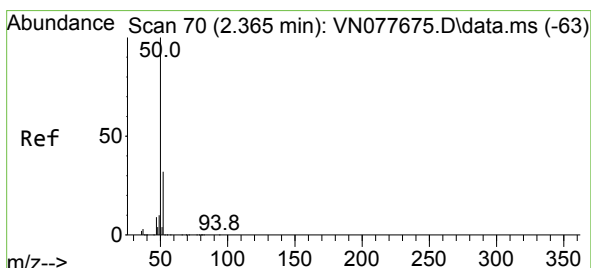
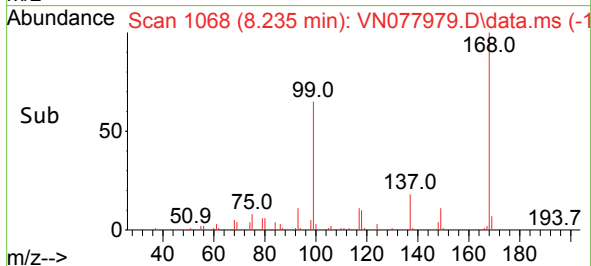
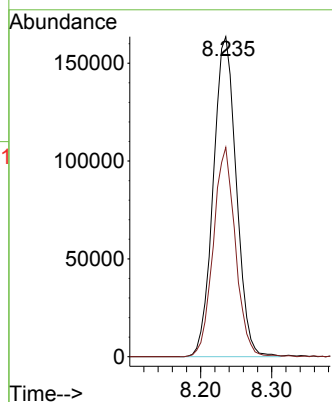
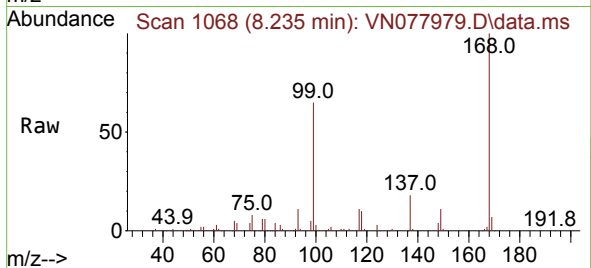




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

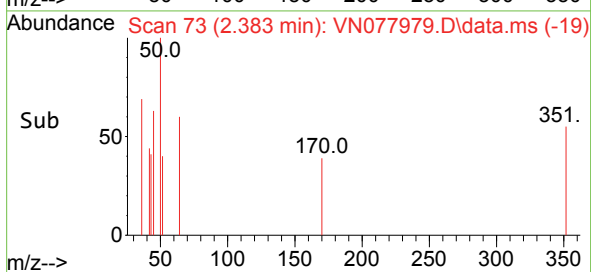
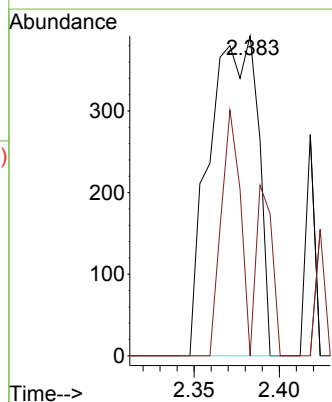
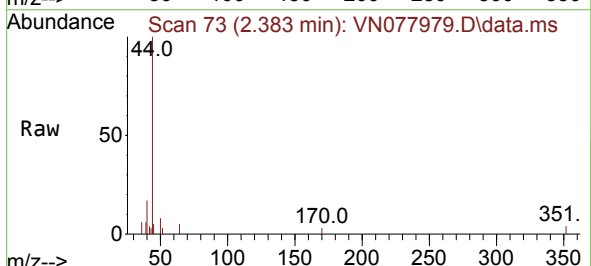
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

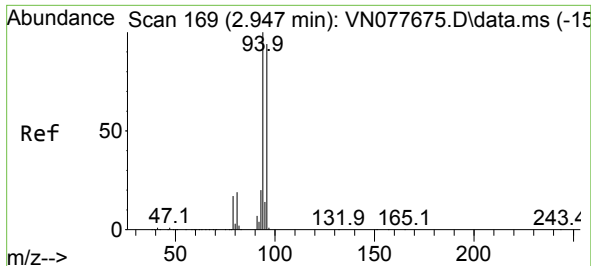
Tgt Ion:168 Resp: 367251
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.383 min Scan# 73
Delta R.T. 0.018 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion: 50 Resp: 773
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

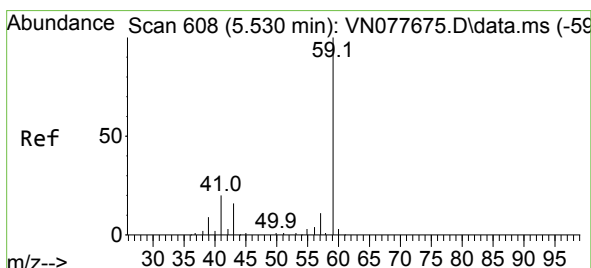
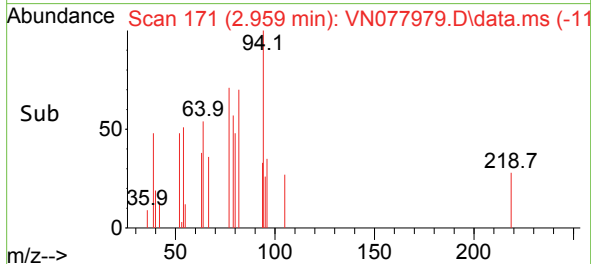
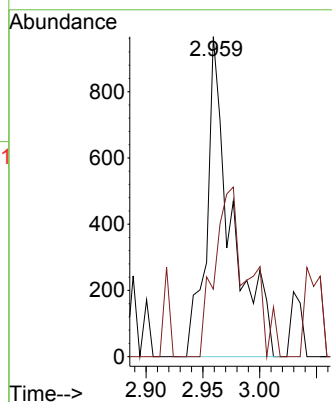
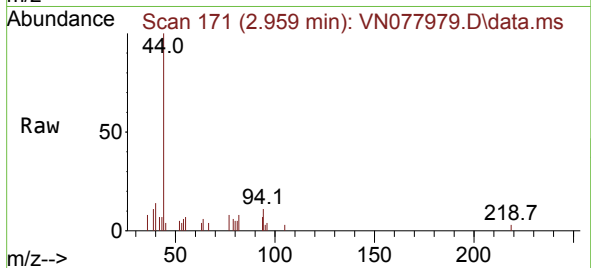




#5
Bromomethane
Concen: 0.378 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

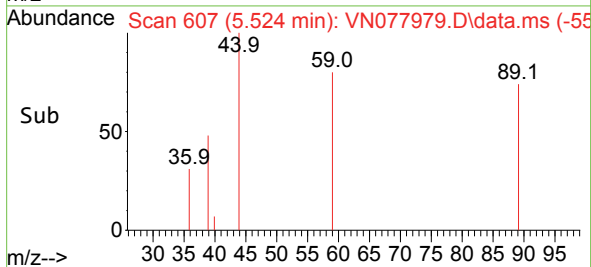
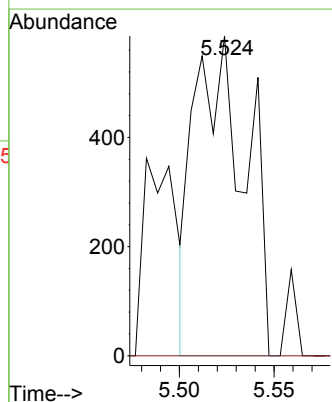
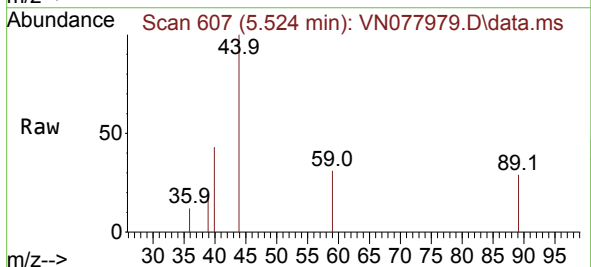
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

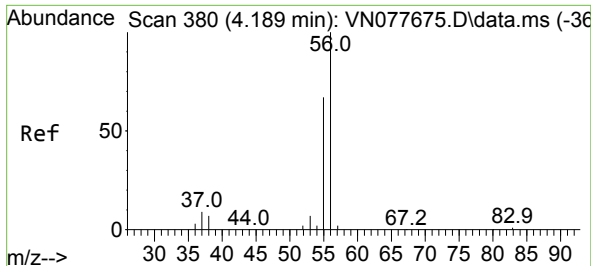
Tgt Ion: 94 Resp: 1472
Ion Ratio Lower Upper
94 100
96 21.1 73.1 109.7#



#11
Tert butyl alcohol
Concen: 1.443 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion: 59 Resp: 1094
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

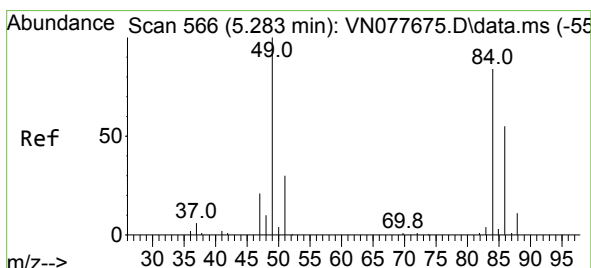
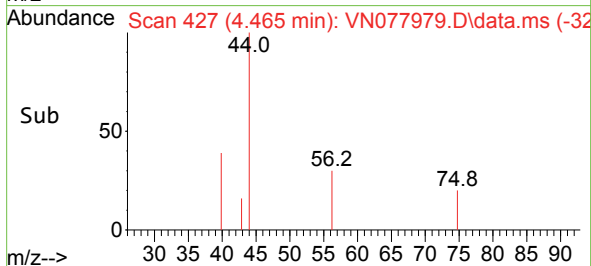
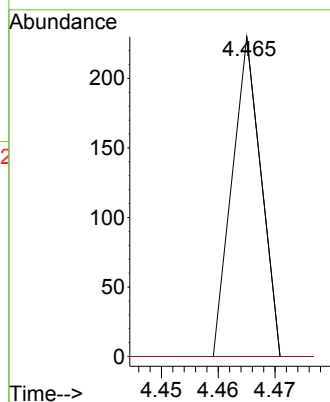
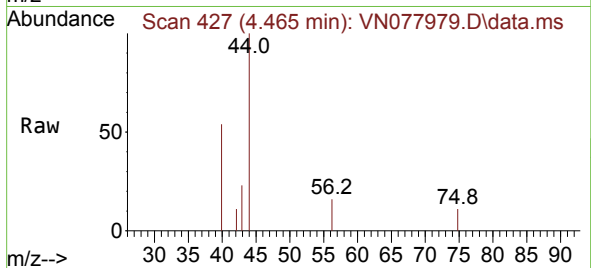




#13
Acrolein
Concen: Below Cal
RT: 4.465 min Scan# 41
Delta R.T. 0.276 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

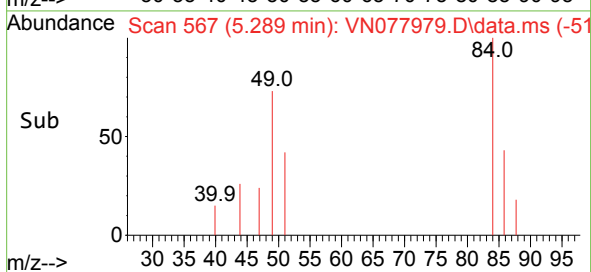
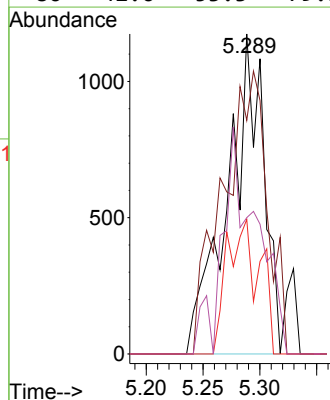
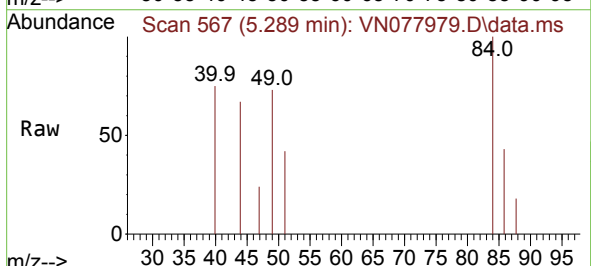
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

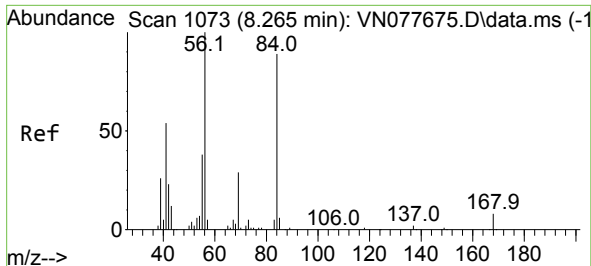
Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

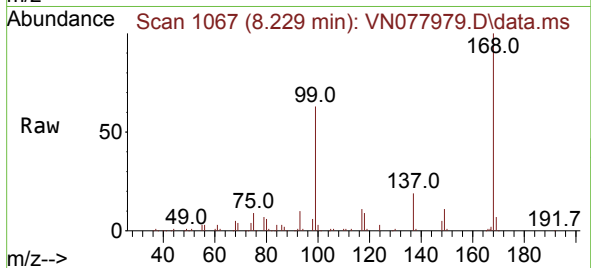
Tgt Ion: 84 Resp: 2574
Ion Ratio Lower Upper
84 100
49 73.0 79.7 119.5#
51 42.1 25.2 37.8#
86 42.6 53.3 79.9#



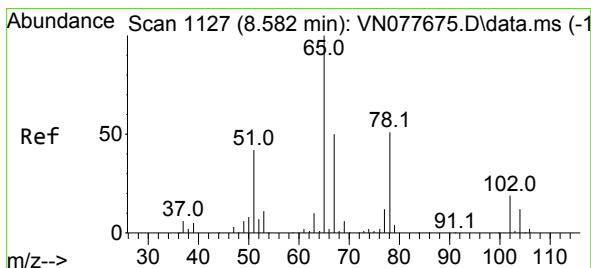
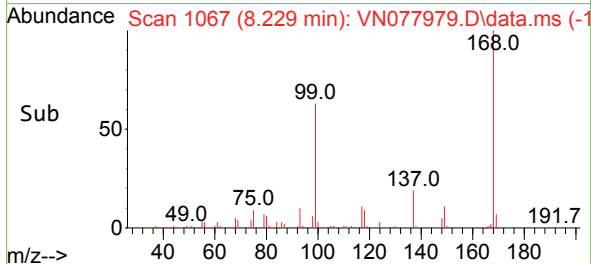
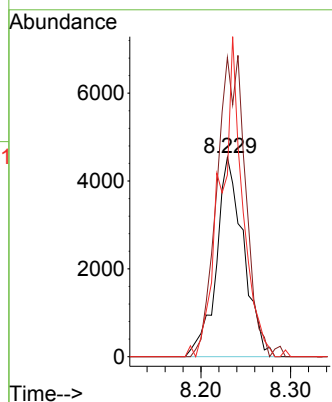


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

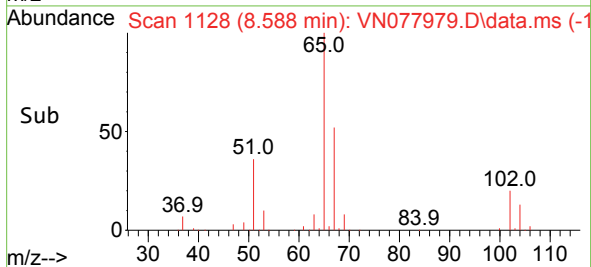
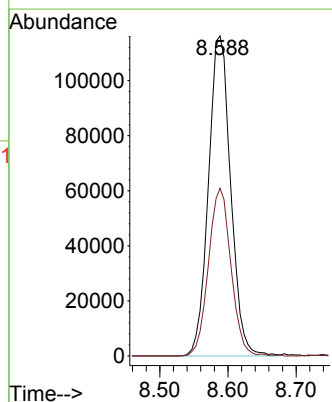
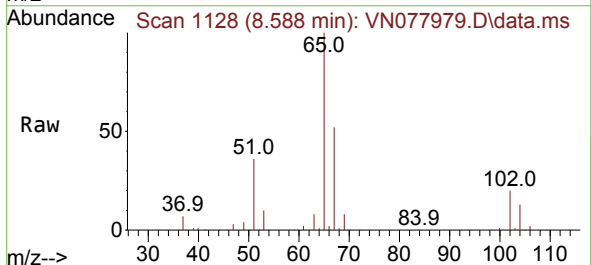


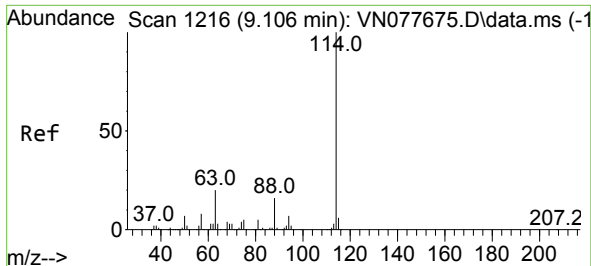
Tgt Ion: 56 Resp: 9511
Ion Ratio Lower Upper
56 100
69 150.2 26.8 40.2#
84 91.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.041 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion: 65 Resp: 263986
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# 1

Delta R.T. 0.006 min

Lab File: VN077979.D

Acq: 30 May 2023 19:03

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523

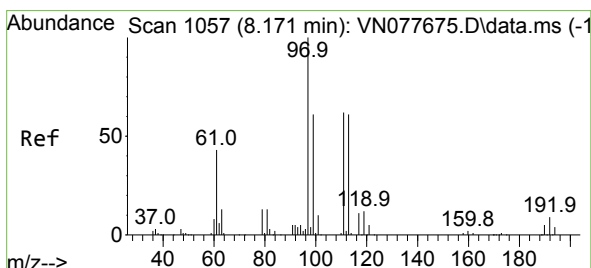
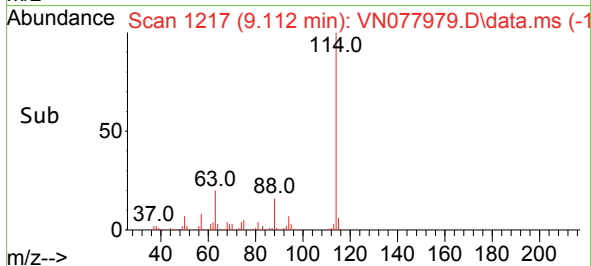
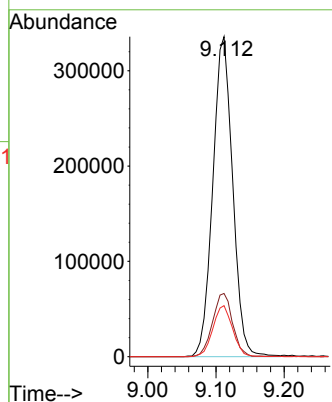
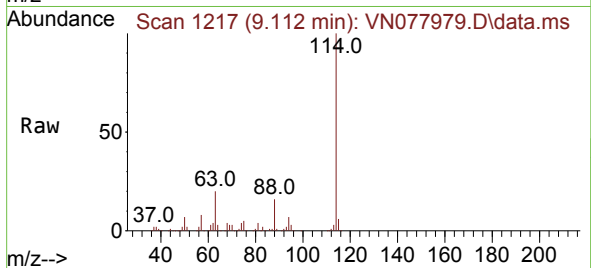
Tgt Ion:114 Resp: 681069

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.954 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077979.D

Acq: 30 May 2023 19:03

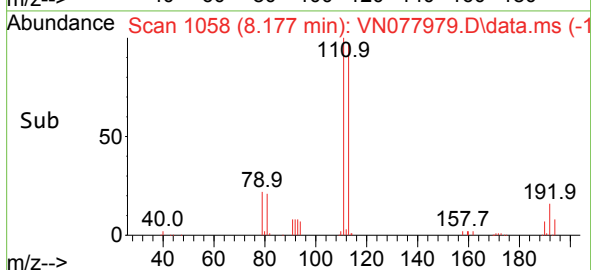
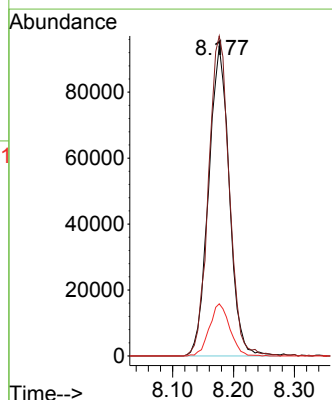
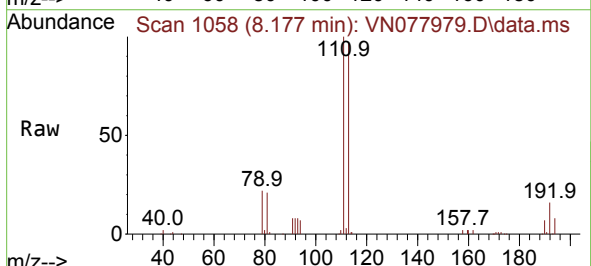
Tgt Ion:113 Resp: 221854

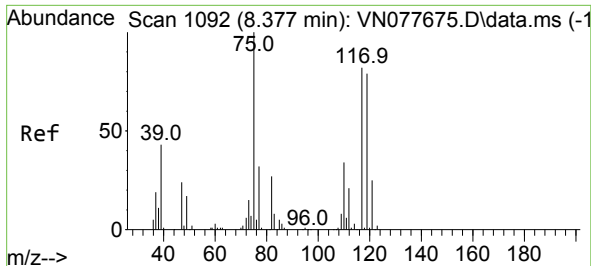
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 16.6 12.7 19.1

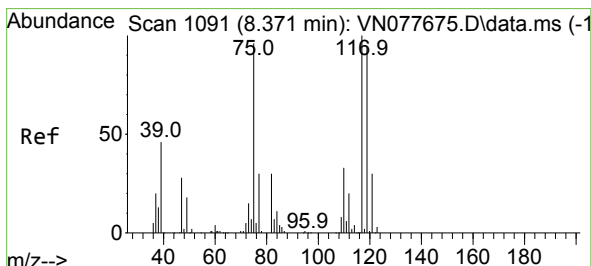
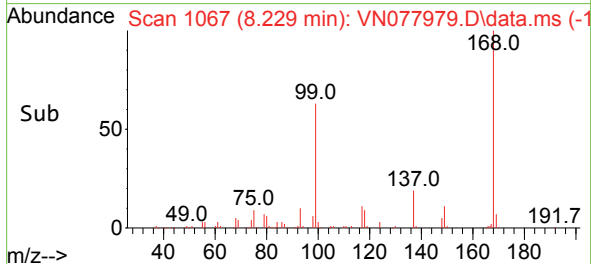
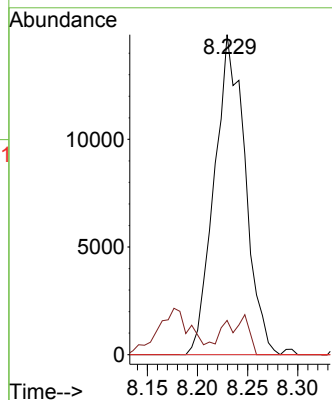
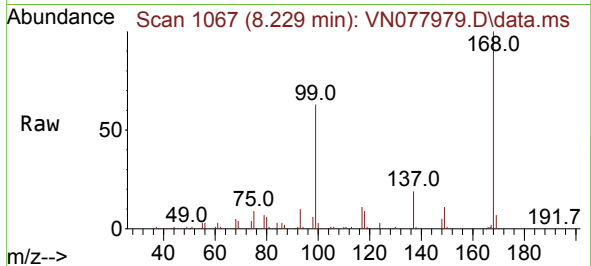




#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

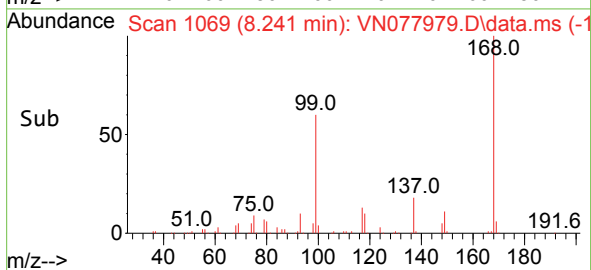
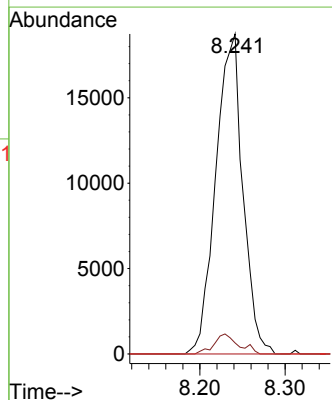
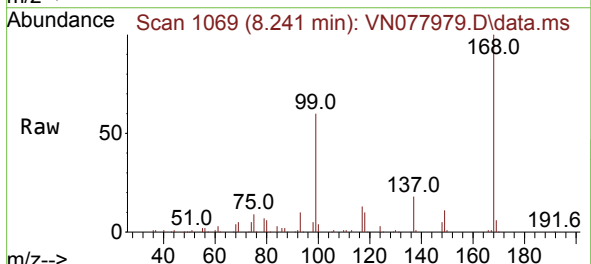
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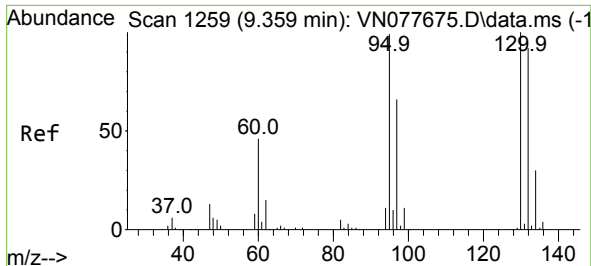
Tgt Ion: 75 Resp: 31728
Ion Ratio Lower Upper
75 100
110 2.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion: 117 Resp: 41375
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 23.3 34.9#

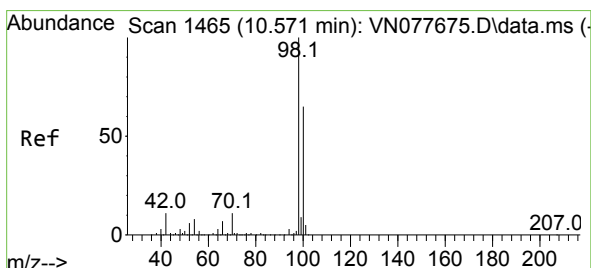
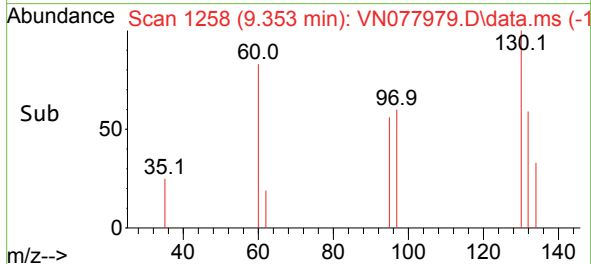
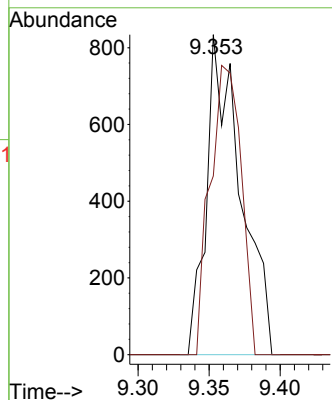
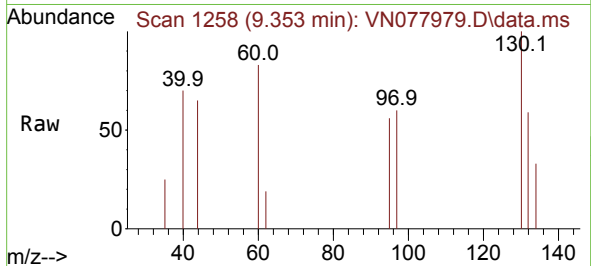




#44
Trichloroethene
Concen: 0.288 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

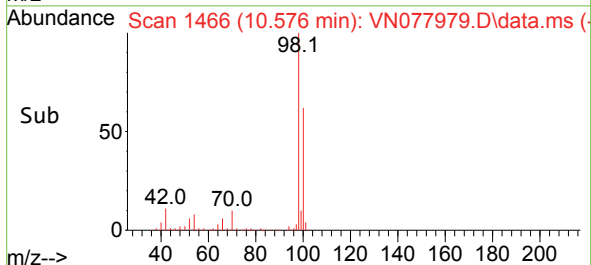
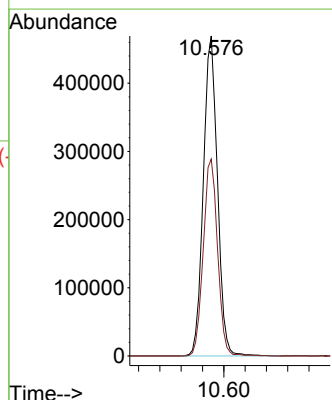
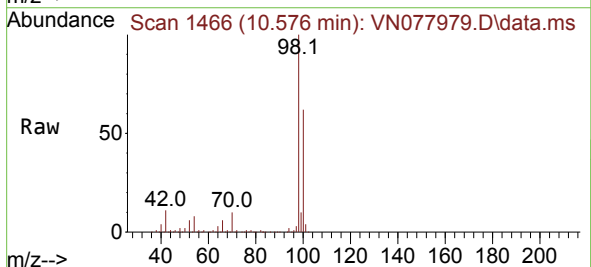
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

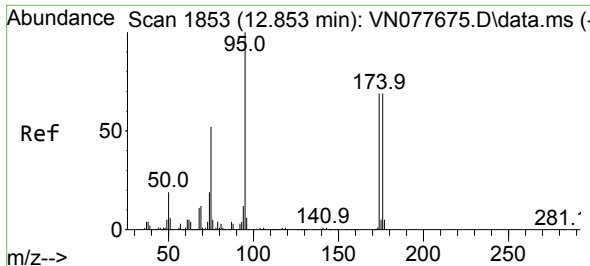
Tgt Ion:130 Resp: 1397
Ion Ratio Lower Upper
130 100
95 55.9 0.0 204.6



#50
Toluene-d8
Concen: 50.392 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion: 98 Resp: 861418
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0

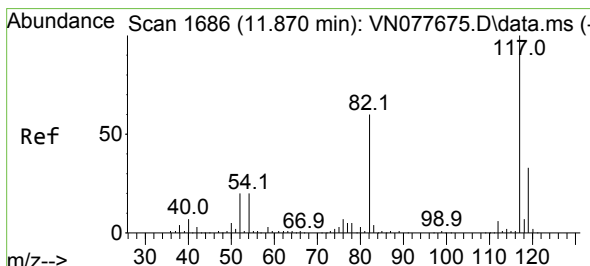
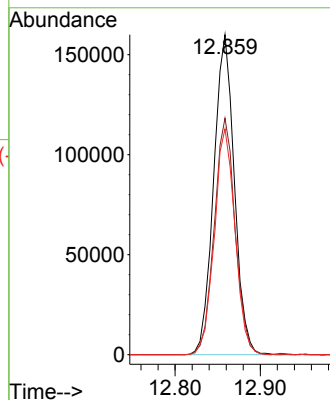
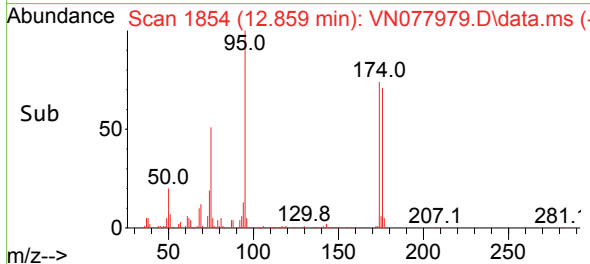
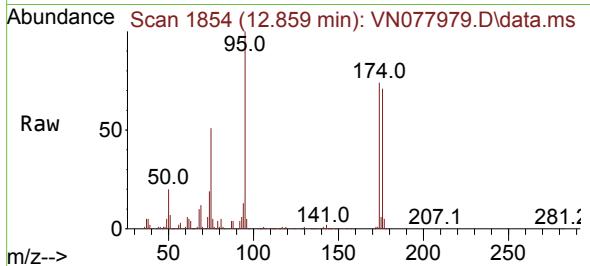




#62
4-Bromofluorobenzene
Concen: 44.557 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

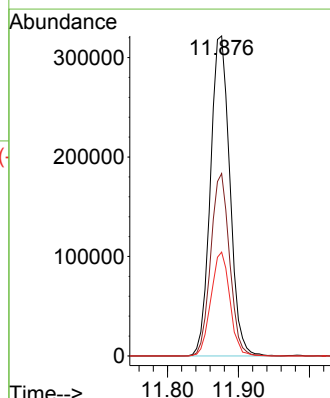
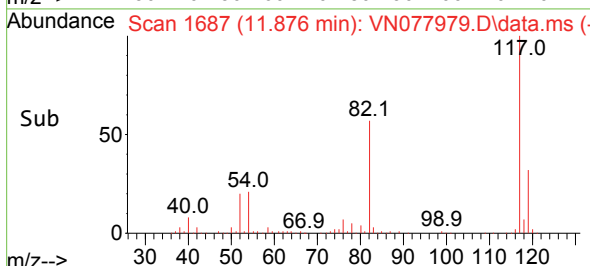
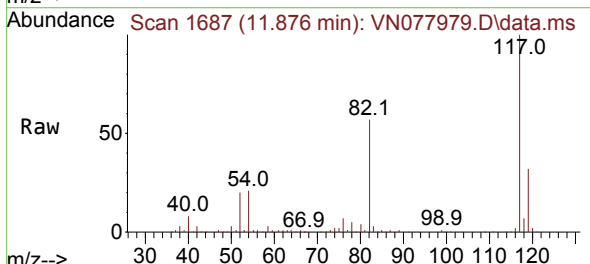
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

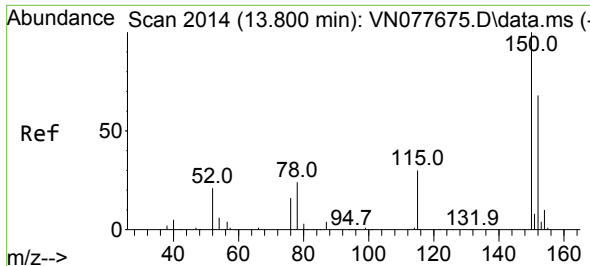
Tgt Ion: 95 Resp: 269010
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 70.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

Tgt Ion: 117 Resp: 609889
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.4 25.6 38.4

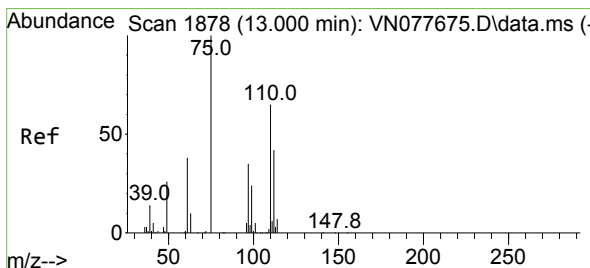
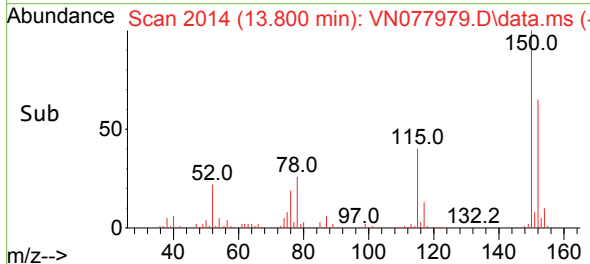
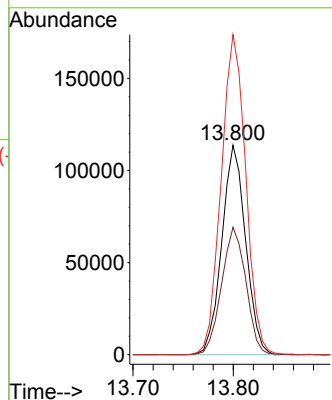
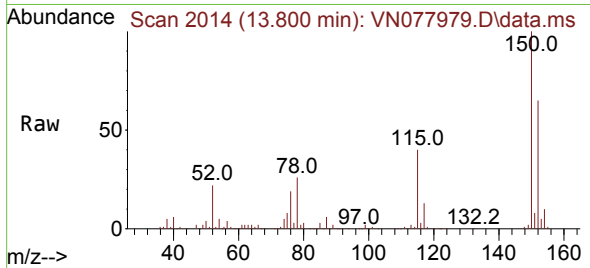




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

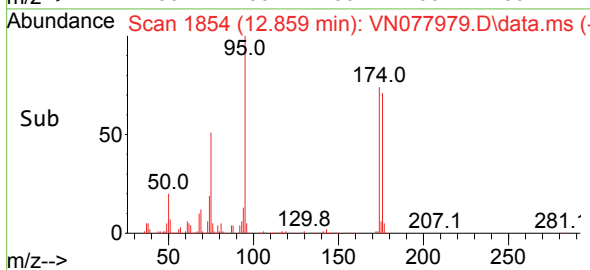
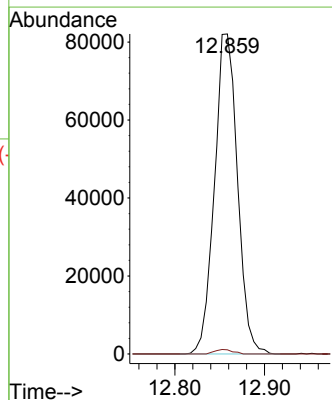
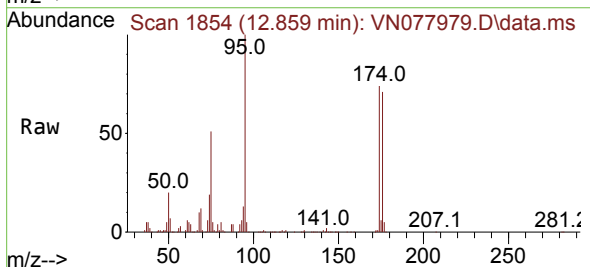
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

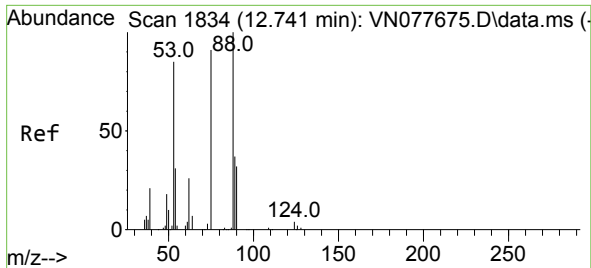
Tgt Ion:152 Resp: 187863
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.6 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 31.089 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077979.D
Acq: 30 May 2023 19:03

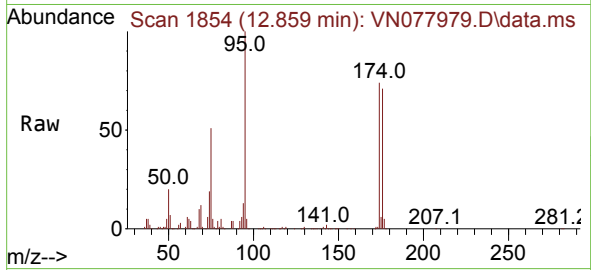
Tgt Ion: 75 Resp: 146268
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.378 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077979.D
 Acq: 30 May 2023 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523



Tgt Ion: 75 Resp: 146268
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

