

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077931.D
 Acq On : 26 May 2023 16:41
 Operator : JC\MD
 Sample : 02955-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP05

Quant Time: May 29 00:30:42 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)

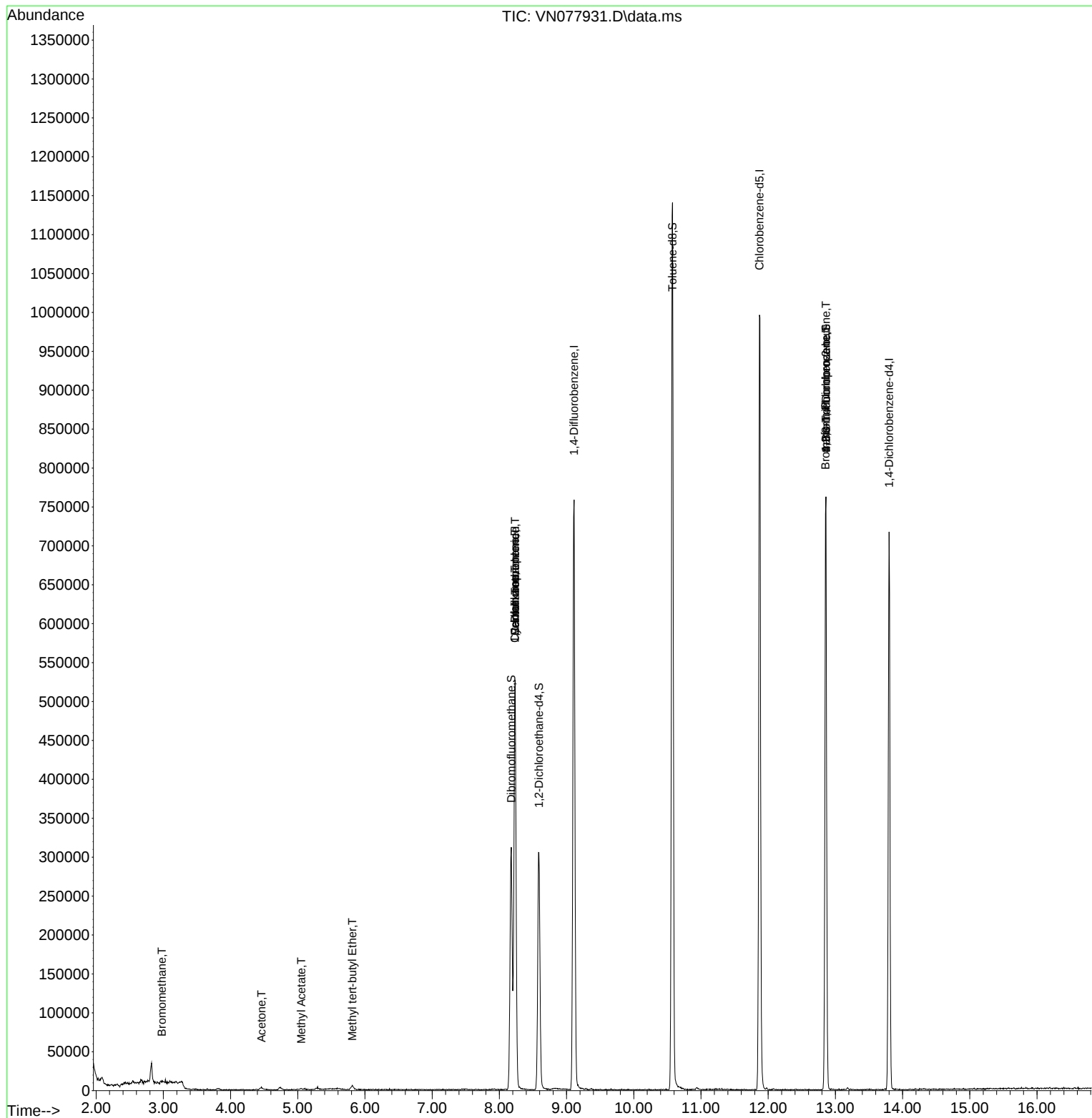
Internal Standards						
1) Pentafluorobenzene	8.235	168	371228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	675540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	602489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	198646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	261057	46.999	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.000%		
35) Dibromofluoromethane	8.177	113	222128	50.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	10.576	98	841772	49.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.300%		
62) 4-Bromofluorobenzene	12.859	95	278350	46.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.960%		
Target Compounds						
3) Chloromethane	2.371	50	1810	Below Cal	Qvalue 98	
5) Bromomethane	2.977	94	1299	0.330 ug/l #	69	
13) Acrolein	4.189	56	261	Below Cal #	16	
16) Acetone	4.459	43	3575	2.046 ug/l #	87	
18) Methyl Acetate	5.053	43	1952	0.266 ug/l #	54	
19) Methyl tert-butyl Ether	5.812	73	6665	0.472 ug/l	97	
20) Methylene Chloride	5.294	84	1107	Below Cal #	89	
31) Cyclohexane	8.230	56	9031	1.196 ug/l #	16	
36) 1,1-Dichloropropene	8.230	75	31488	4.887 ug/l #	48	
38) Carbon Tetrachloride	8.235	117	41006	6.303 ug/l #	17	
71) Bromoform	12.853	173	2287	0.761 ug/l #	1	
76) 1,2,3-Trichloropropane	12.859	75	148820	29.915 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.859	75	148820	95.623 ug/l #	15	

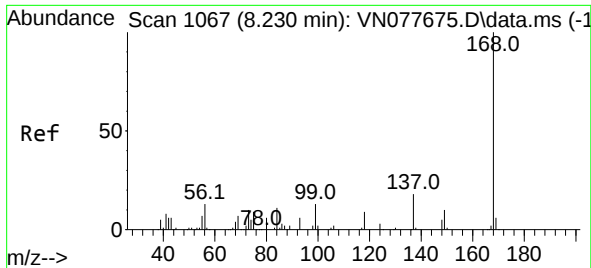
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
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Quant Time: May 29 00:30:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
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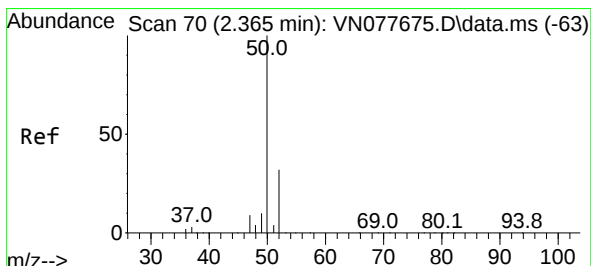
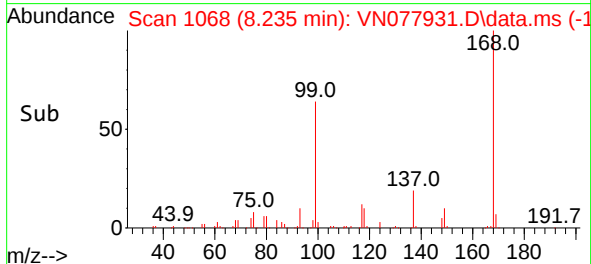
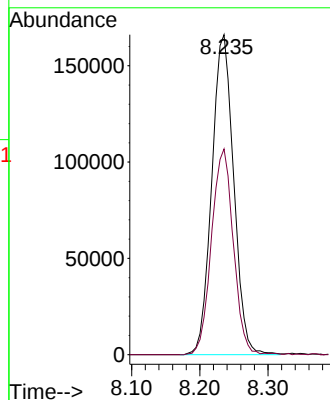
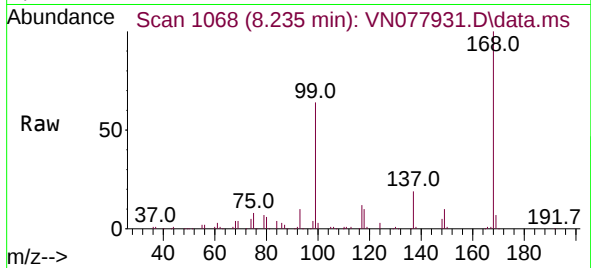




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

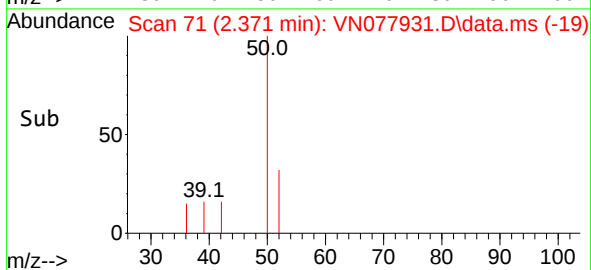
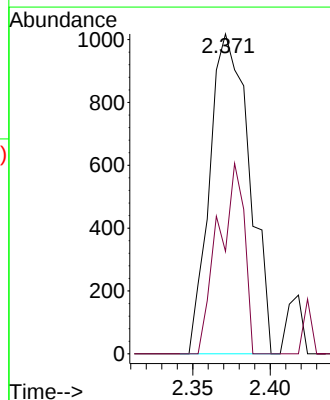
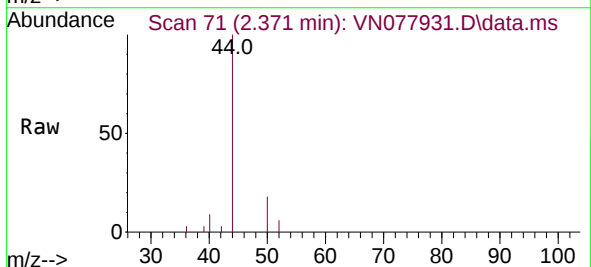
Instrument :
MSVOA_N
ClientSampleId :
TWP05

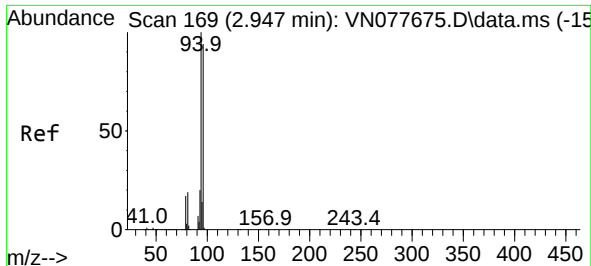
Tgt Ion:168 Resp: 371228
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 50 Resp: 1810
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

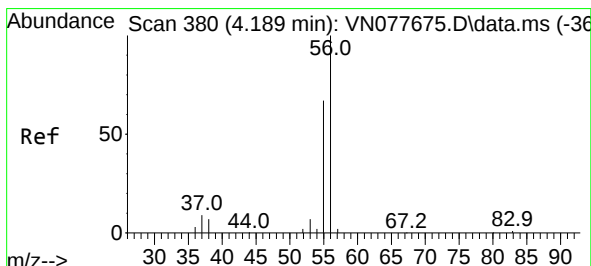
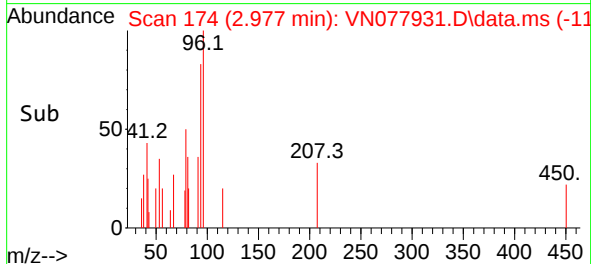
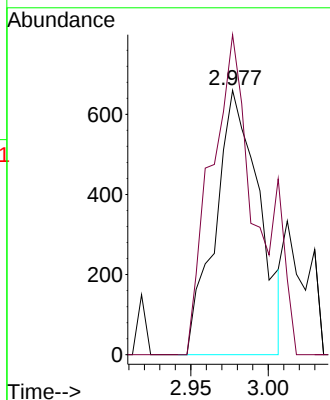
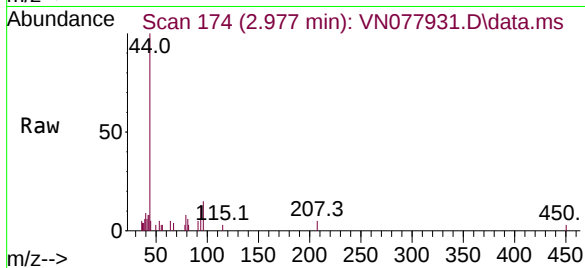




#5
Bromomethane
Concen: 0.330 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

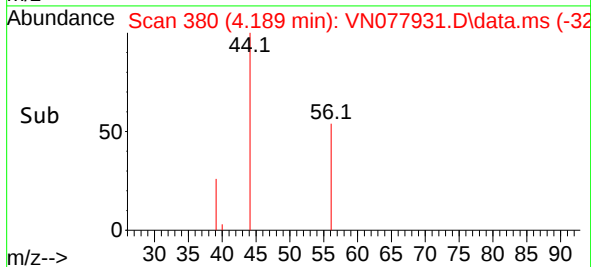
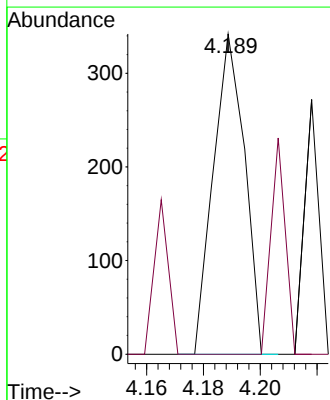
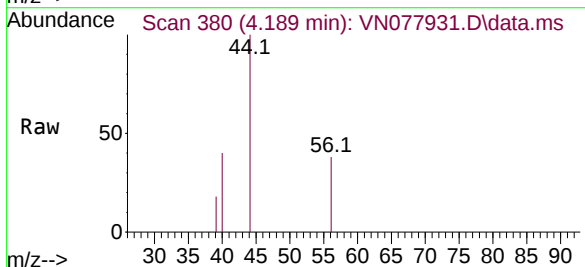
Instrument :
MSVOA_N
ClientSampleId :
TWP05

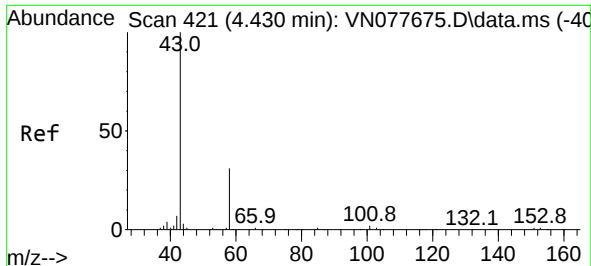
Tgt Ion: 94 Resp: 1299
Ion Ratio Lower Upper
94 100
96 121.1 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 56 Resp: 261
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

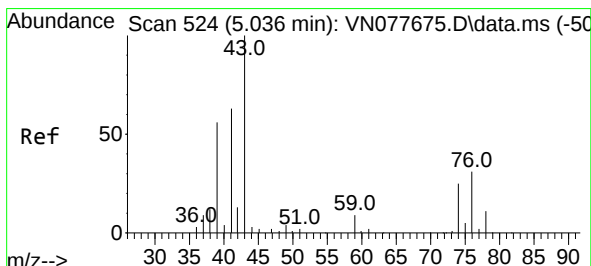
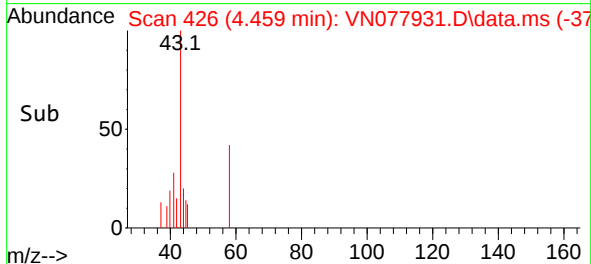
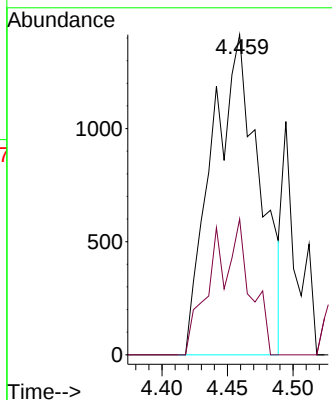
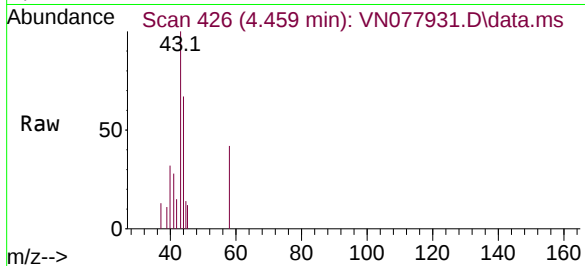




#16
Acetone
Concen: 2.046 ug/l
RT: 4.459 min Scan# 431
Delta R.T. 0.029 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

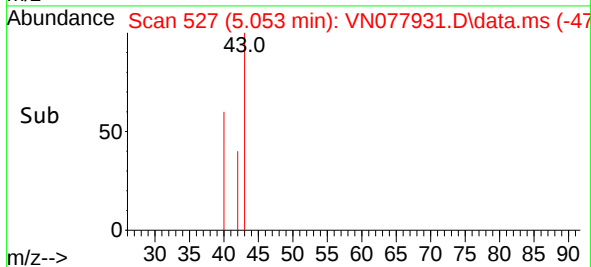
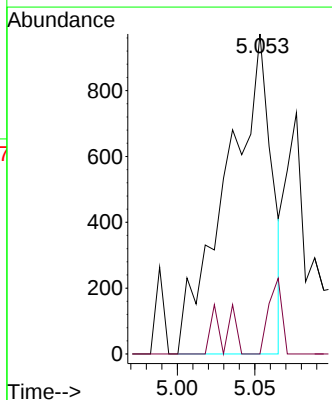
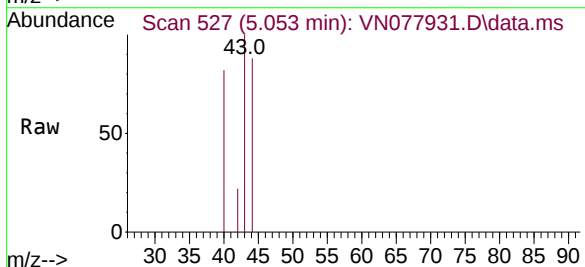
Instrument :
MSVOA_N
ClientSampleId :
TWP05

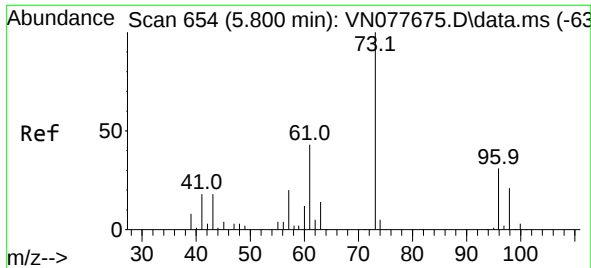
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 42.4 28.0 42.0#



#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.017 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
74 6.9 26.2 39.4#

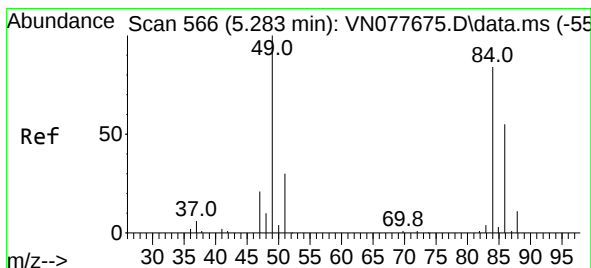
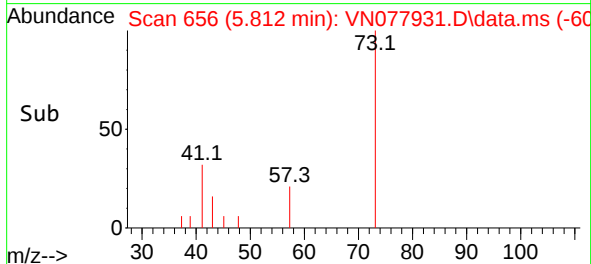
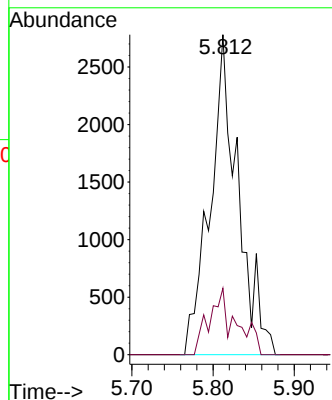
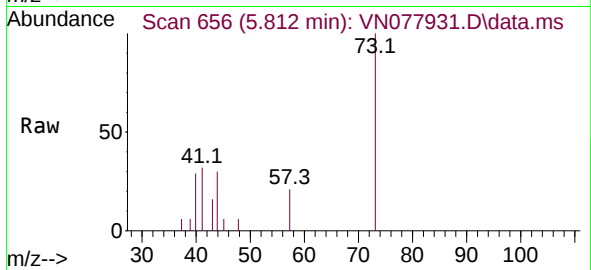




#19
Methyl tert-butyl Ether
Concen: 0.472 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

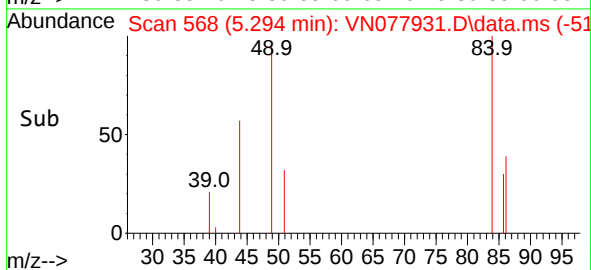
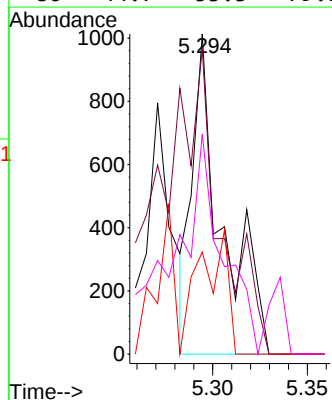
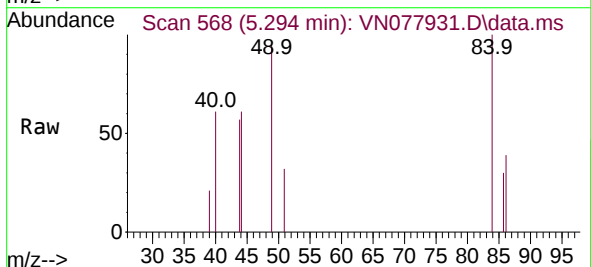
Instrument :
MSVOA_N
ClientSampleId :
TWP05

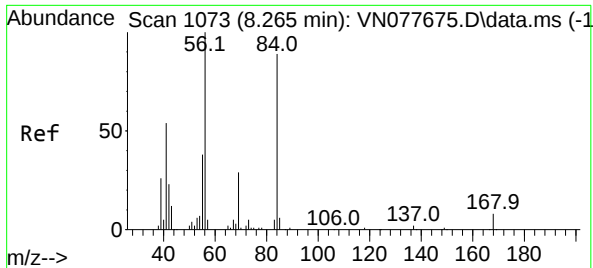
Tgt Ion: 73 Resp: 6665
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 84 Resp: 1107
Ion Ratio Lower Upper
84 100
49 95.5 79.7 119.5
51 31.9 25.2 37.8
86 44.7 53.3 79.9#

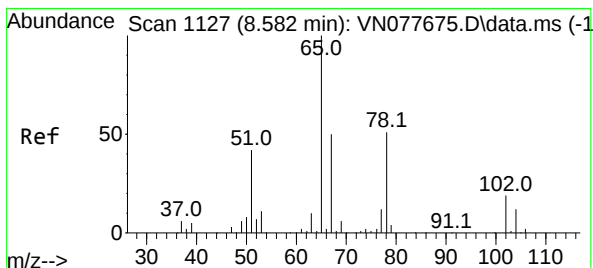
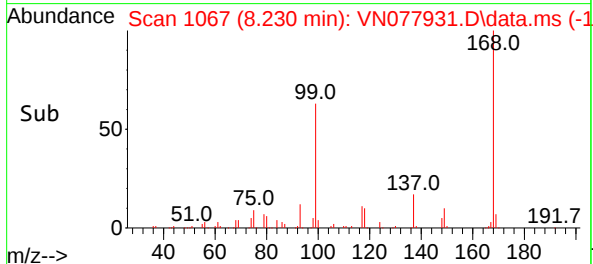
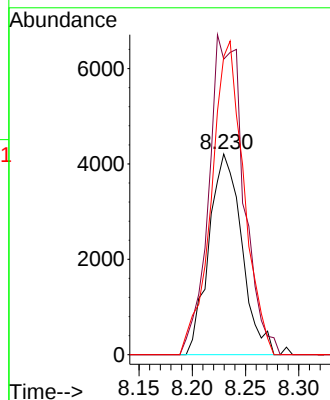
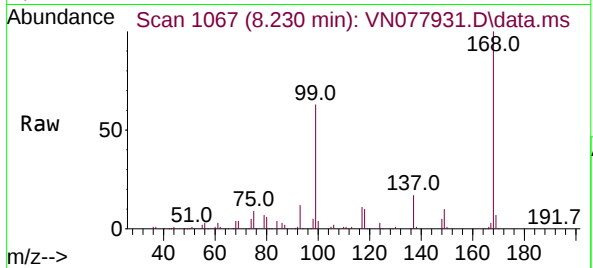




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

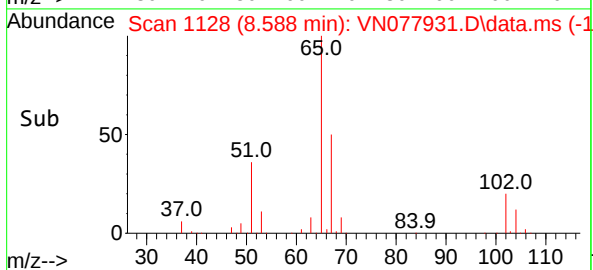
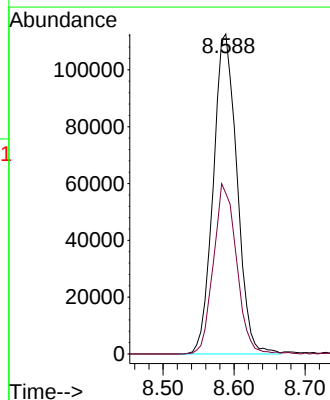
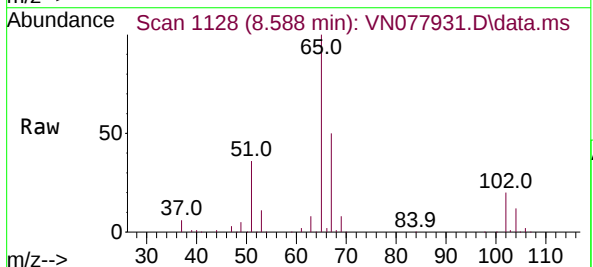
Instrument :
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TWP05

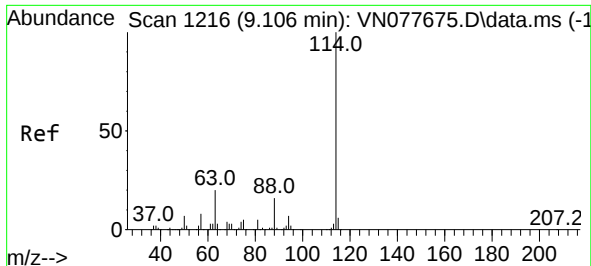
Tgt Ion: 56 Resp: 9031
Ion Ratio Lower Upper
56 100
69 147.3 26.8 40.2#
84 148.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.999 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 65 Resp: 261057
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

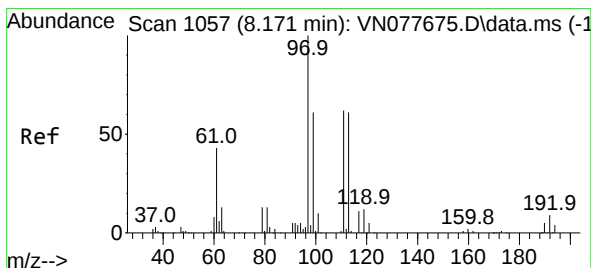
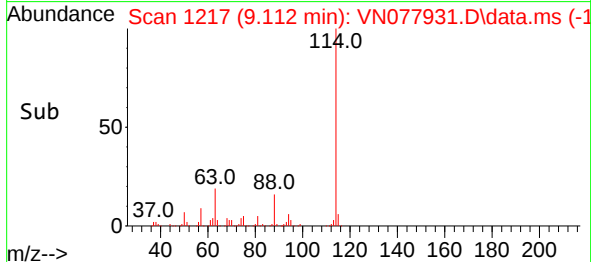
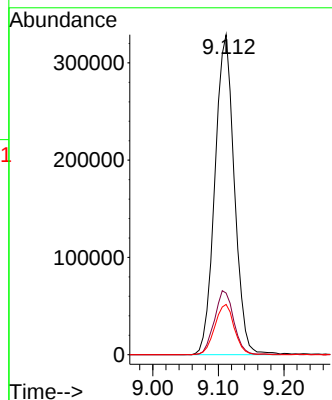
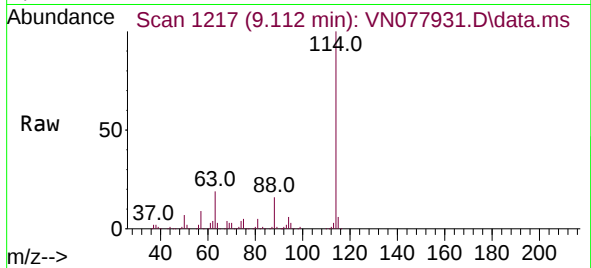




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

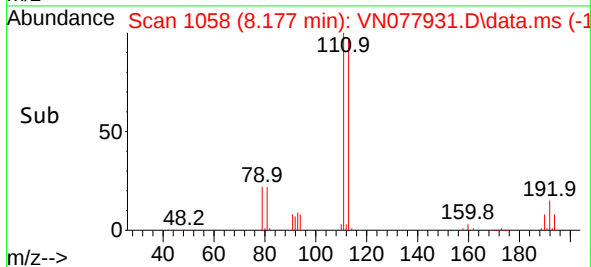
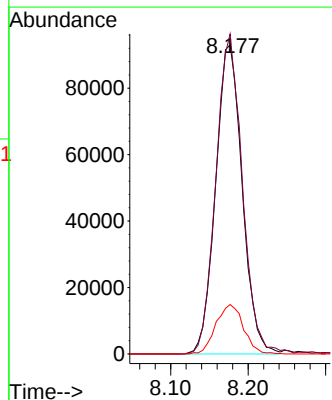
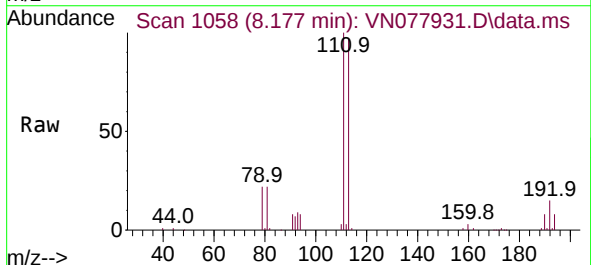
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ClientSampleId :
TWP05

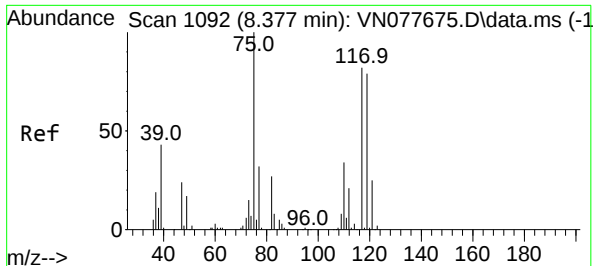
Tgt Ion:114 Resp: 675540
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.425 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion:113 Resp: 222128
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.887 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077931.D

Acq: 26 May 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

TWP05

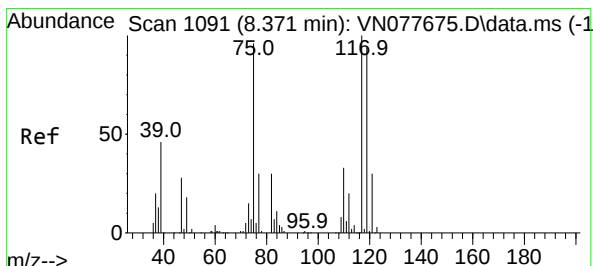
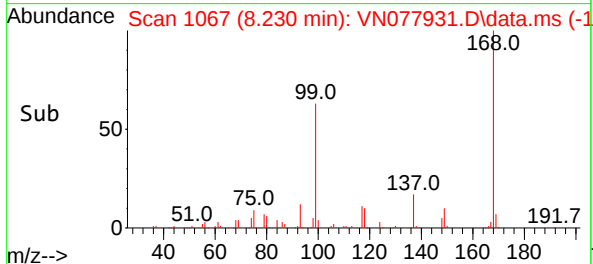
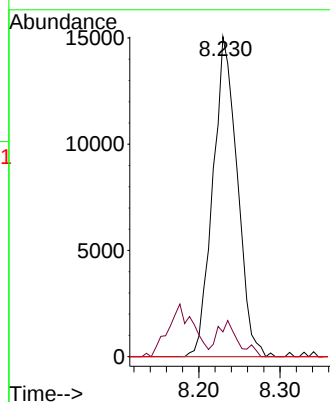
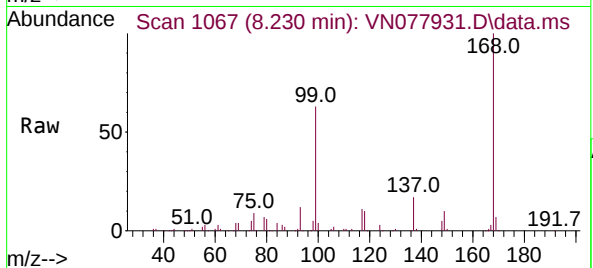
Tgt Ion: 75 Resp: 31488

Ion Ratio Lower Upper

75 100

110 9.5 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN077931.D

Acq: 26 May 2023 16:41

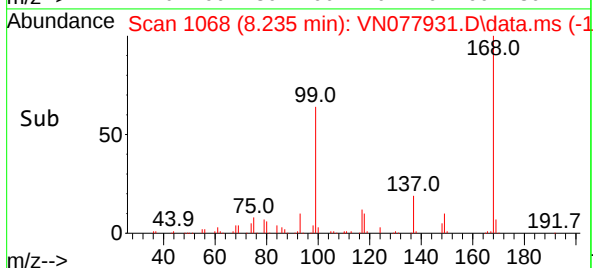
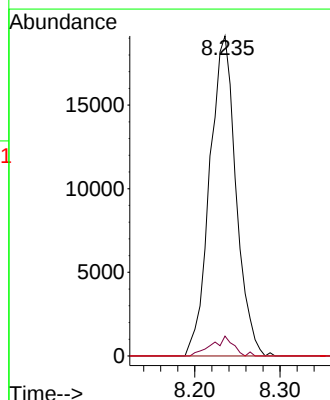
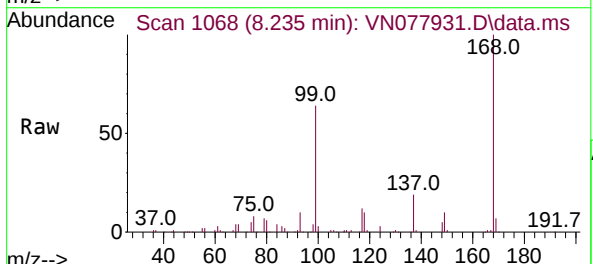
Tgt Ion: 117 Resp: 41006

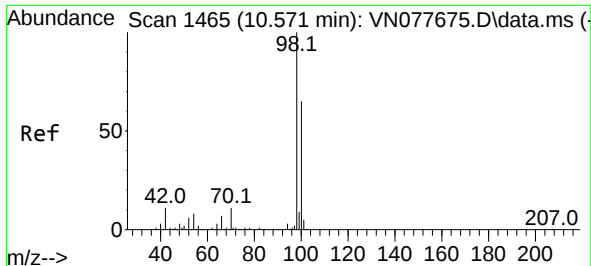
Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

121 0.0 23.3 34.9#

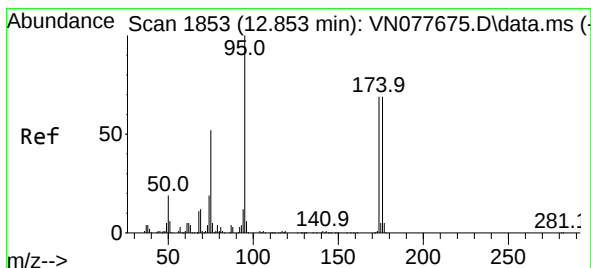
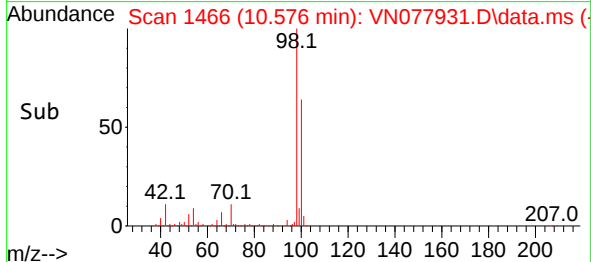
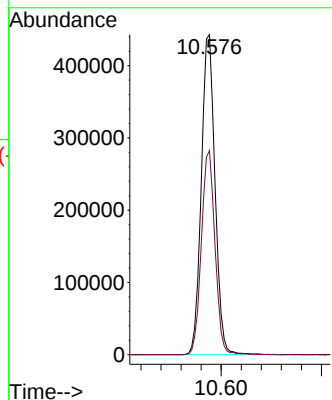
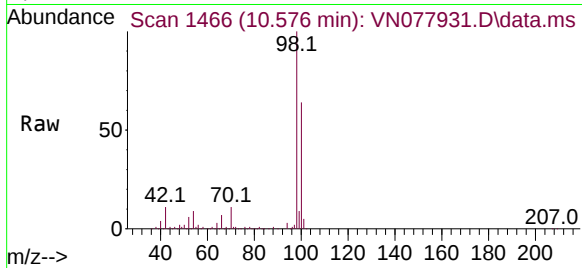




#50
Toluene-d8
Concen: 49.646 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

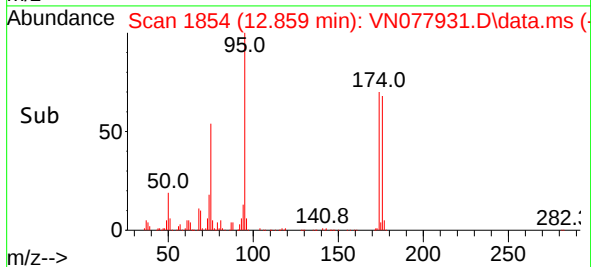
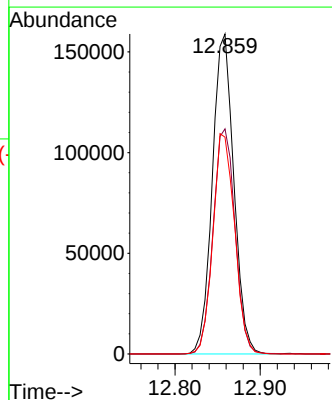
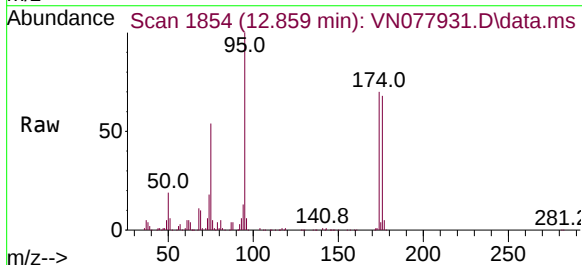
Instrument :
MSVOA_N
ClientSampleId :
TWP05

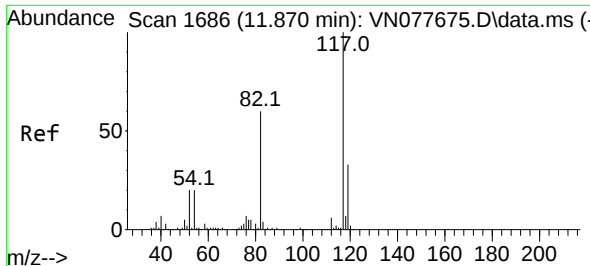
Tgt Ion: 98 Resp: 841772
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.482 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion: 95 Resp: 278350
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 69.7 0.0 135.8

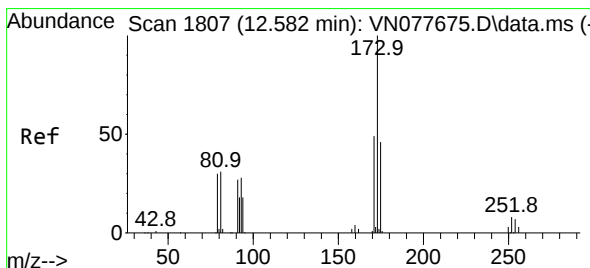
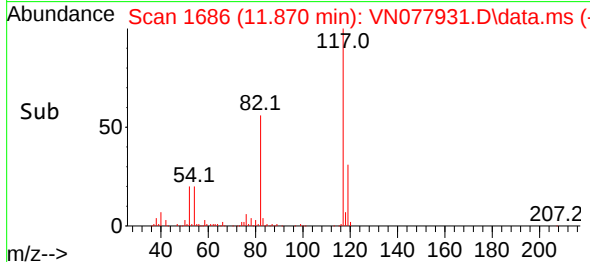
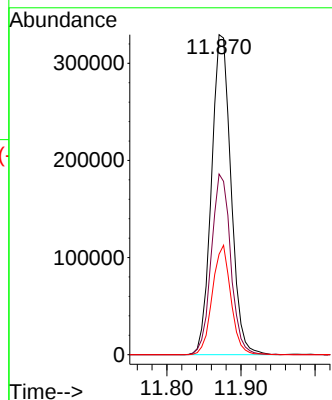
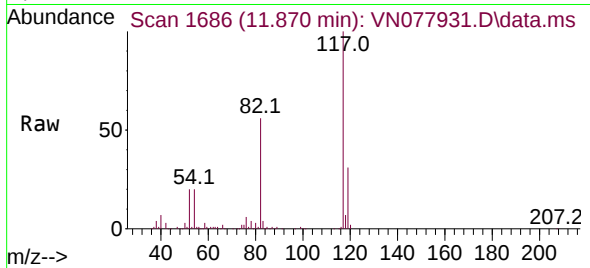




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

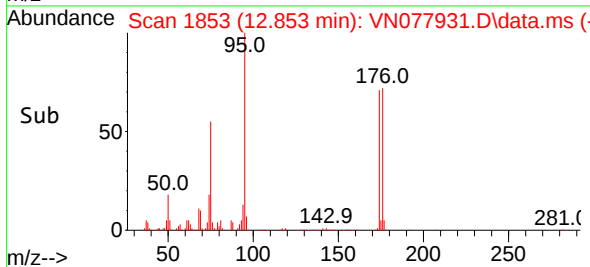
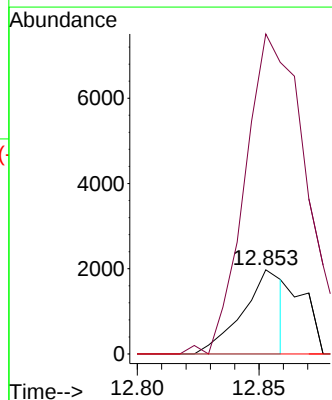
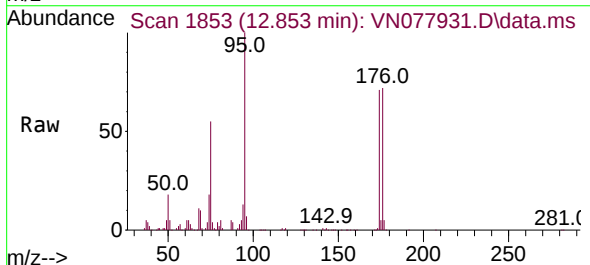
Instrument :
MSVOA_N
ClientSampleId :
TWP05

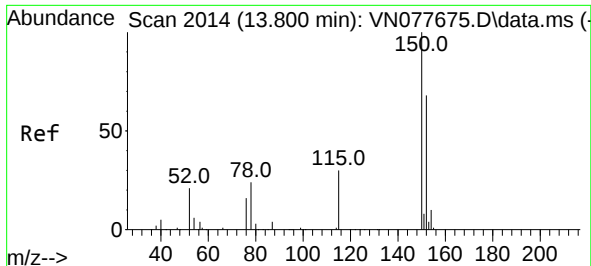
Tgt Ion:117 Resp: 602489
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.4 25.6 38.4



#71
Bromoform
Concen: 0.761 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077931.D
Acq: 26 May 2023 16:41

Tgt Ion:173 Resp: 2287
Ion Ratio Lower Upper
173 100
175 366.2 24.3 73.0#
254 0.0 0.0 0.0

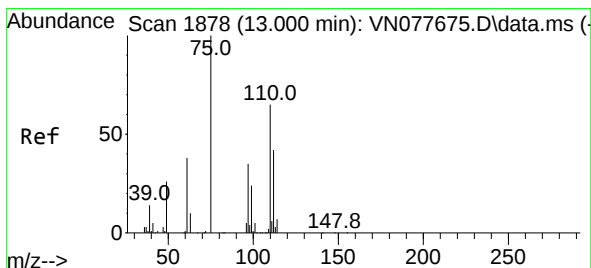
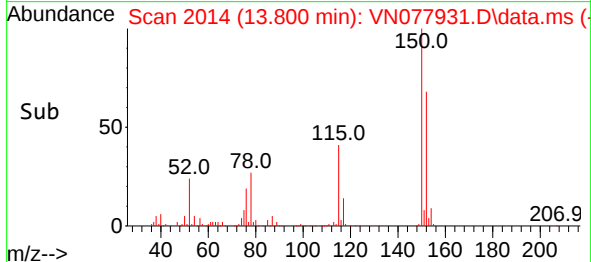
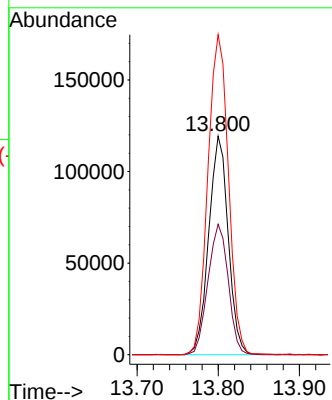
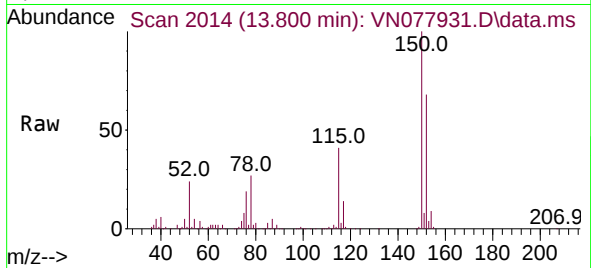




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077931.D
 Acq: 26 May 2023 16:41

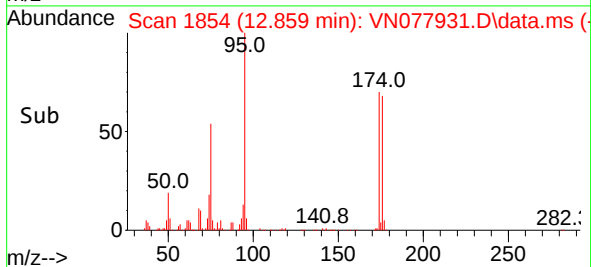
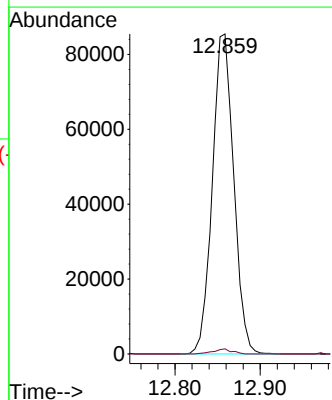
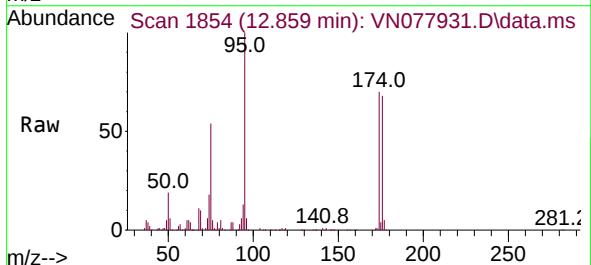
Instrument :
 MSVOA_N
 ClientSampleId :
 TWP05

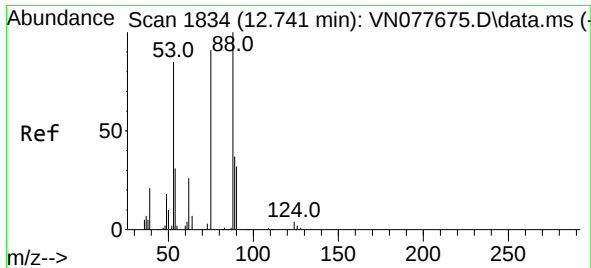
Tgt Ion:152 Resp: 198646
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 154.2 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 29.915 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. -0.141 min
 Lab File: VN077931.D
 Acq: 26 May 2023 16:41

Tgt Ion: 75 Resp: 148820
 Ion Ratio Lower Upper
 75 100
 77 1.4 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.623 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077931.D
 Acq: 26 May 2023 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP05

Tgt Ion: 75 Resp: 148820
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

