

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078020.D
 Acq On : 02 Jun 2023 10:14
 Operator : JC\MD
 Sample : VN0602WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBL01

Quant Time: Jun 05 01:08:24 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)

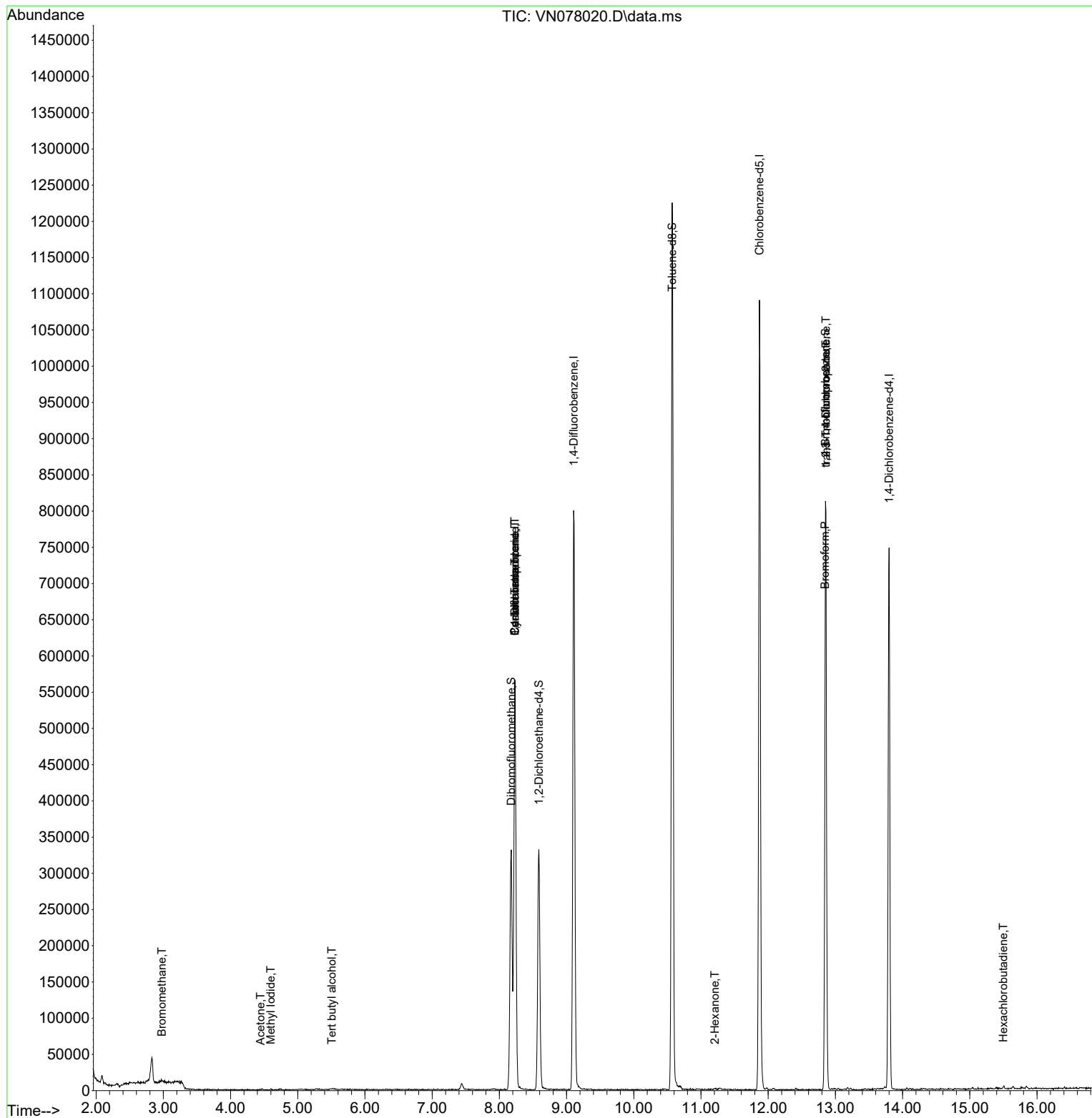
Internal Standards						
1) Pentafluorobenzene	8.229	168	394161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	725702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	655789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274783	46.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.180%
35) Dibromofluoromethane	8.177	113	238844	50.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	10.570	98	890796	48.905	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.853	95	295509	45.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1315	Below Cal	#	80
5) Bromomethane	2.977	94	2290	0.547	ug/l	96
10) Methyl Iodide	4.600	142	1199	0.230	ug/l #	68
11) Tert butyl alcohol	5.506	59	857	1.053	ug/l #	72
13) Acrolein	4.200	56	298	Below Cal	#	69
16) Acetone	4.447	43	792	0.427	ug/l	95
20) Methylene Chloride	5.283	84	470	Below Cal	#	36
31) Cyclohexane	8.229	56	9162	1.143	ug/l #	17
36) 1,1-Dichloropropene	8.229	75	35512	5.131	ug/l #	47
38) Carbon Tetrachloride	8.229	117	43137	6.172	ug/l #	16
59) 2-Hexanone	11.206	43	1255	0.283	ug/l	73
71) Bromoform	12.847	173	1324	0.405	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	156616	30.715	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	156616	98.181	ug/l #	15
94) Hexachlorobutadiene	15.500	225	443	0.264	ug/l #	29

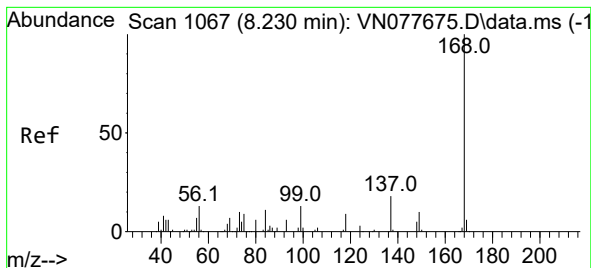
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. -0.001 min

Lab File: VN078020.D

Acq: 02 Jun 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

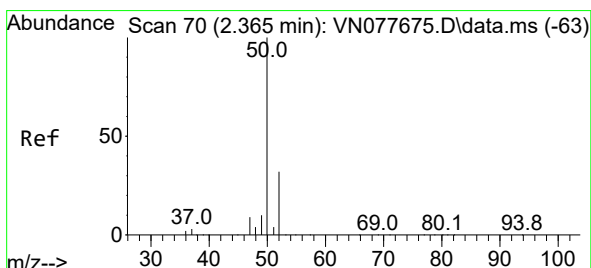
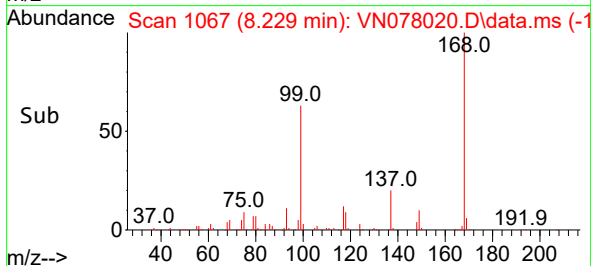
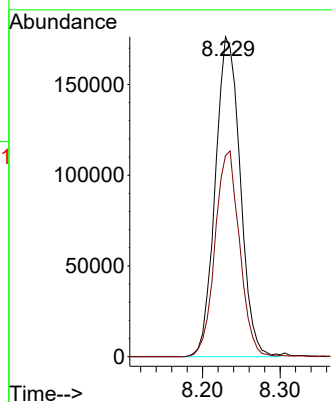
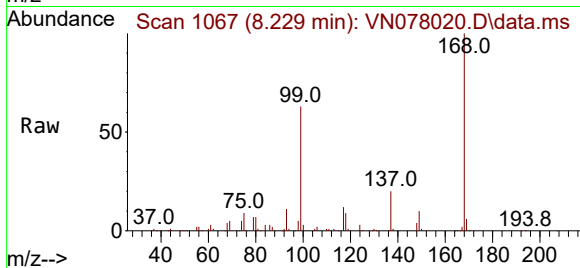
VN0602WBL01

Tgt Ion:168 Resp: 394161

Ion Ratio Lower Upper

168 100

99 62.9 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.377 min Scan# 72

Delta R.T. 0.012 min

Lab File: VN078020.D

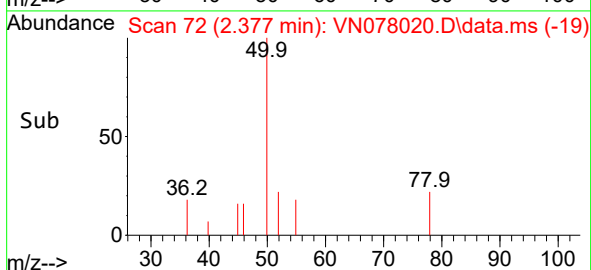
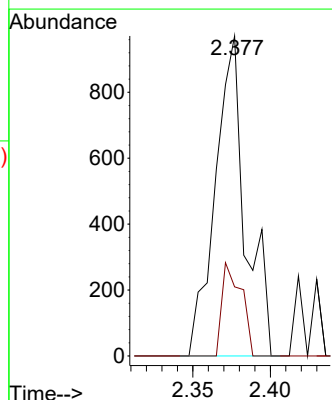
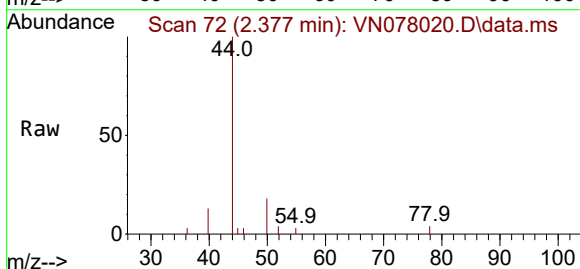
Acq: 02 Jun 2023 10:14

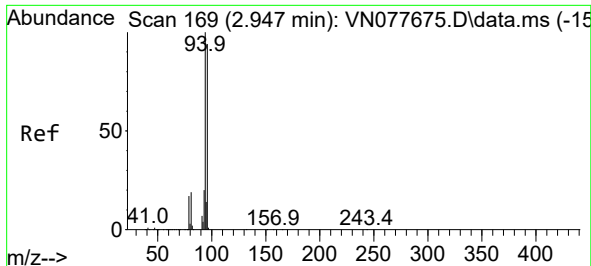
Tgt Ion: 50 Resp: 1315

Ion Ratio Lower Upper

50 100

52 21.6 26.5 39.7#

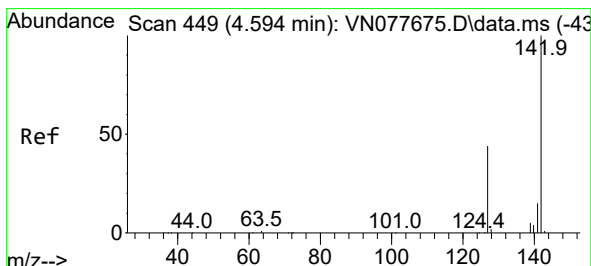
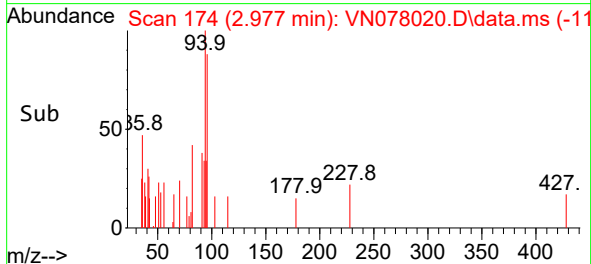
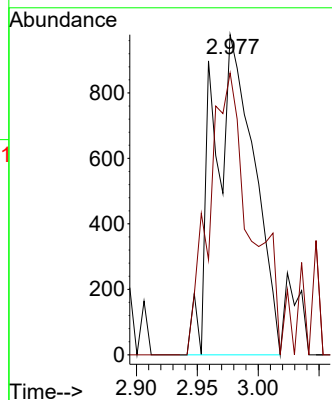
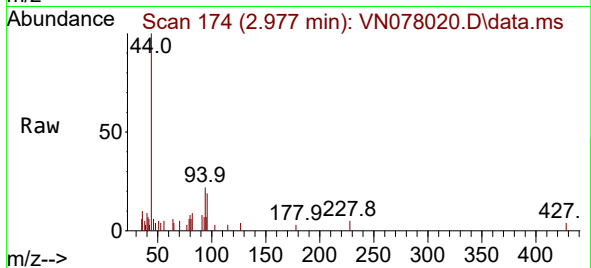




#5
Bromomethane
Concen: 0.547 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

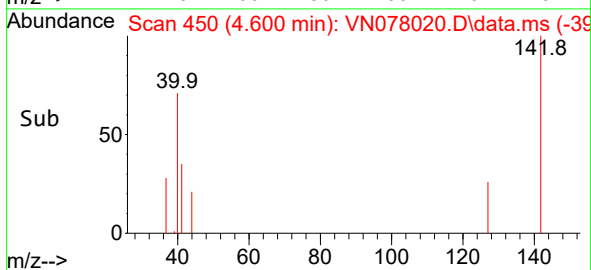
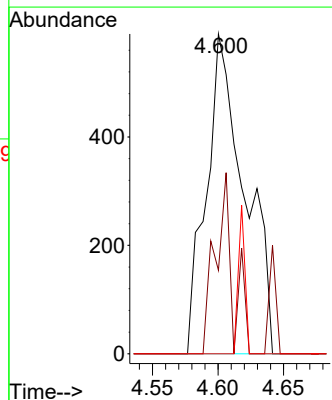
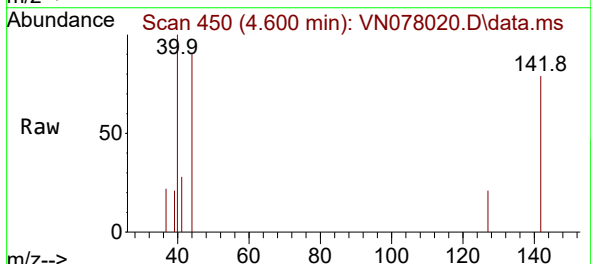
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

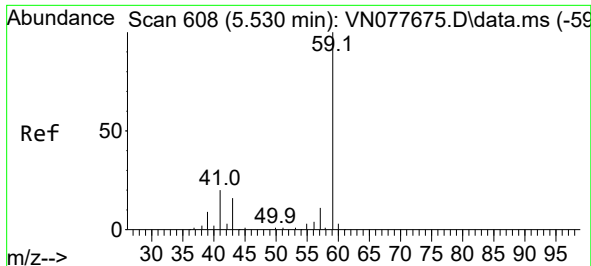
Tgt Ion: 94 Resp: 2290
Ion Ratio Lower Upper
94 100
96 88.0 73.1 109.7



#10
Methyl Iodide
Concen: 0.230 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion: 142 Resp: 1199
Ion Ratio Lower Upper
142 100
127 26.1 37.6 56.4#
141 0.0 11.4 17.0#

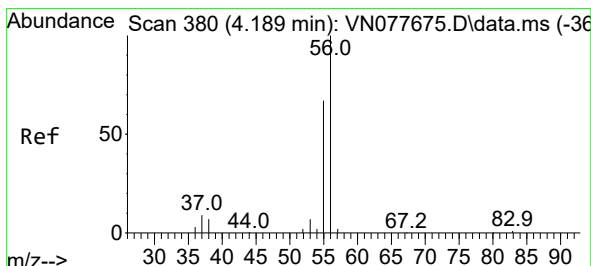
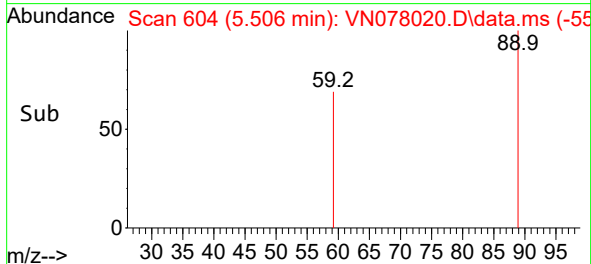
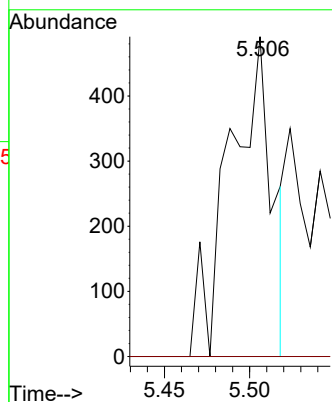
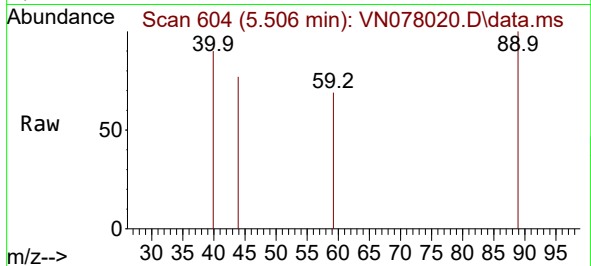




#11
Tert butyl alcohol
Concen: 1.053 ug/l
RT: 5.506 min Scan# 608
Delta R.T. -0.024 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

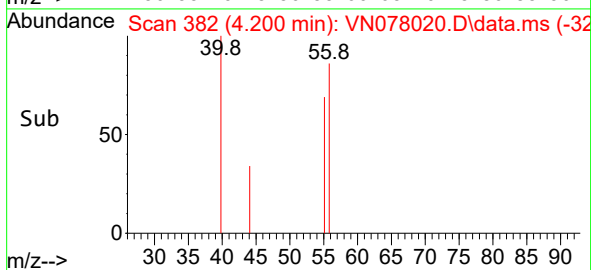
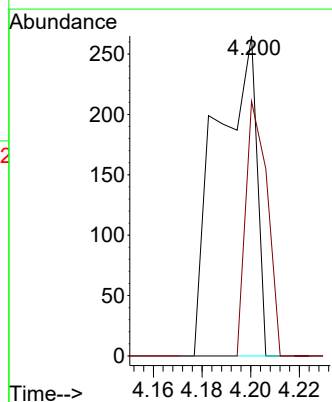
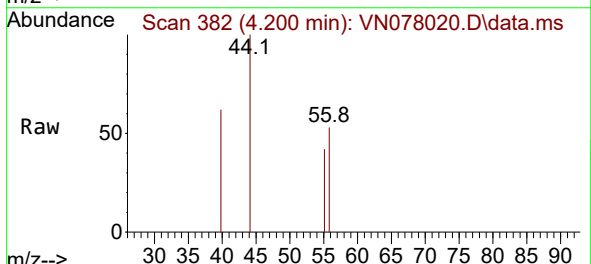
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

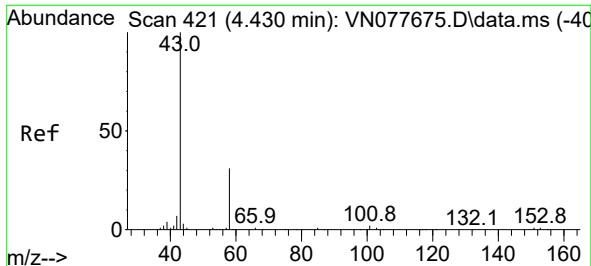
Tgt Ion: 59 Resp: 857
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 43.3 54.5 81.7#

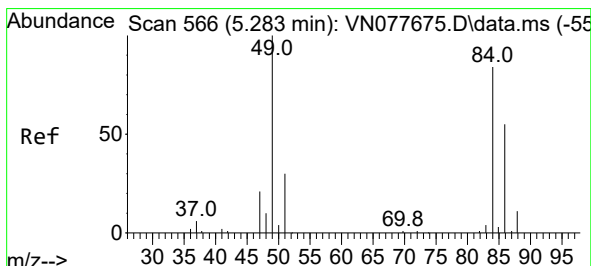
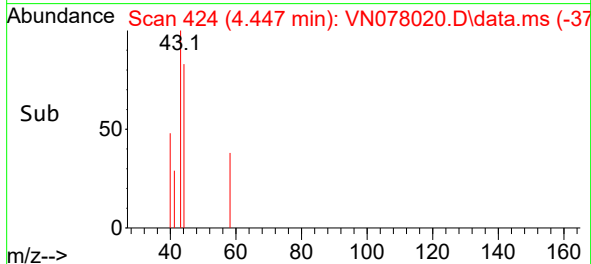
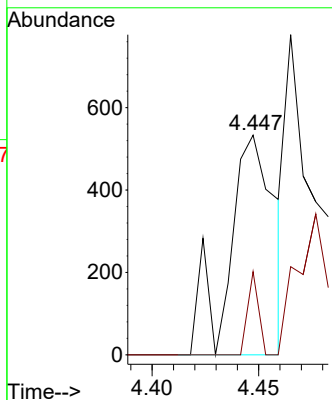
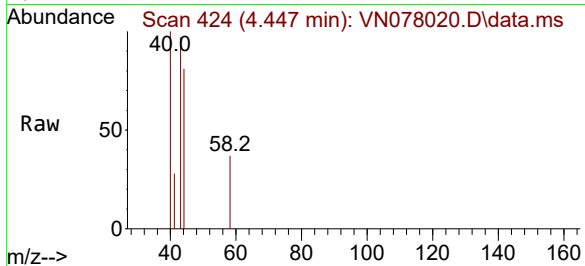




#16
Acetone
Concen: 0.427 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

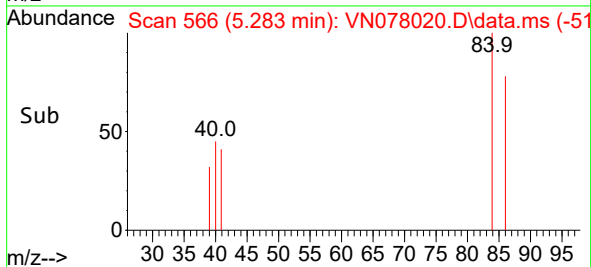
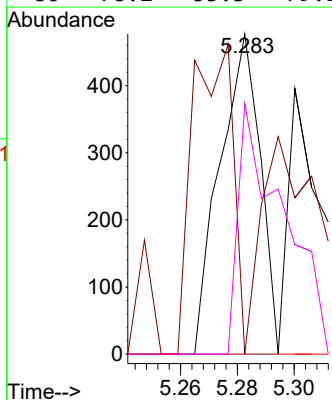
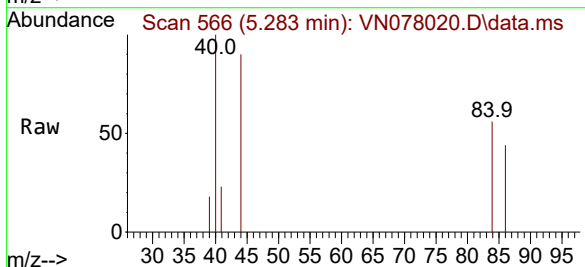
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

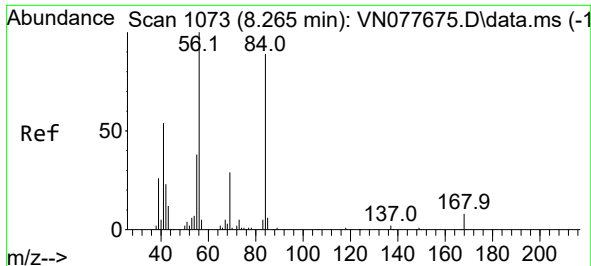
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 37.9 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

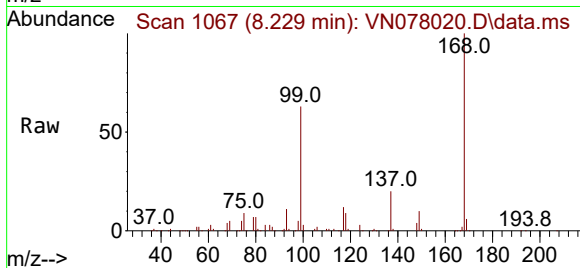
Tgt Ion: 84 Resp: 470
Ion Ratio Lower Upper
84 100
49 0.0 79.7 119.5#
51 0.0 25.2 37.8#
86 78.2 53.3 79.9



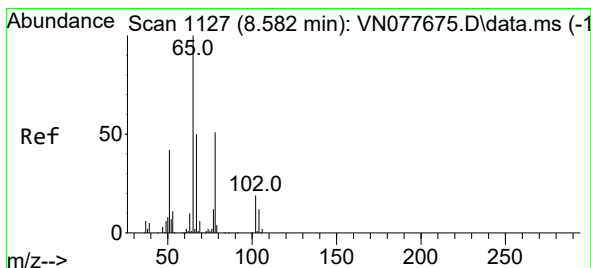
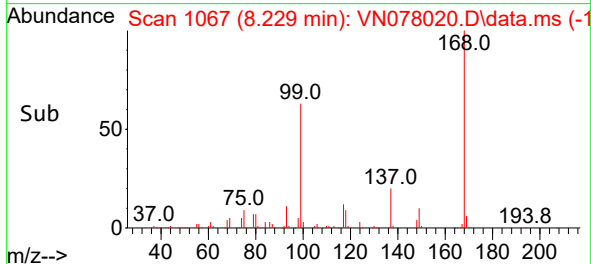
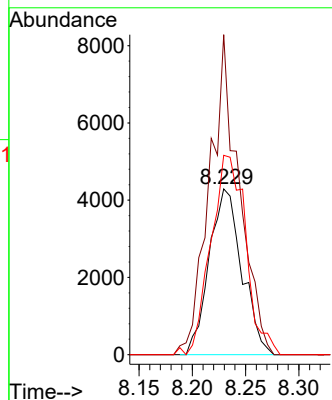


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

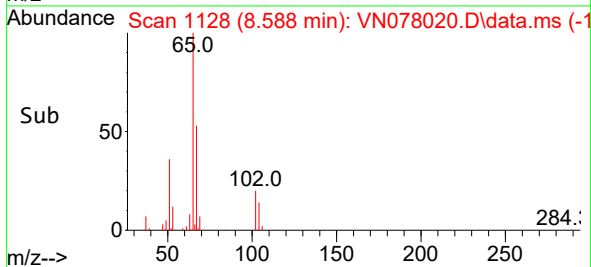
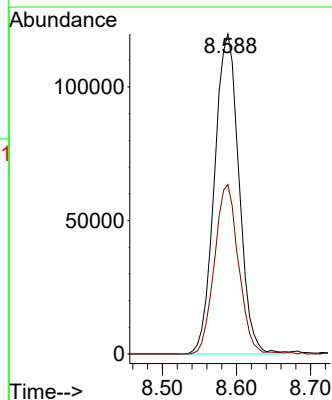
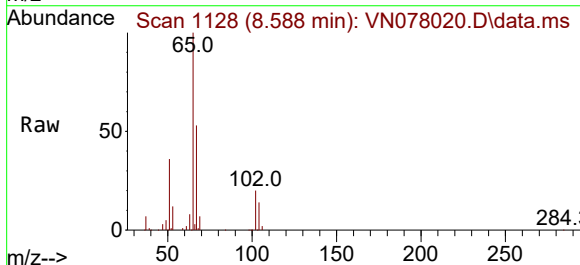


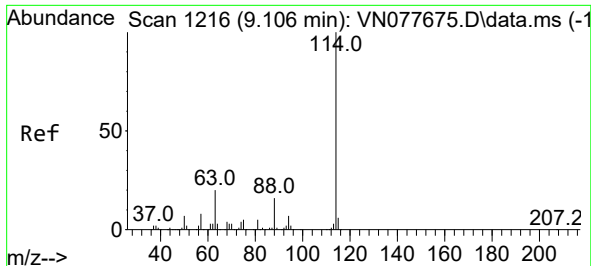
Tgt Ion: 56 Resp: 9162
Ion Ratio Lower Upper
56 100
69 193.1 26.8 40.2#
84 120.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 46.592 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion: 65 Resp: 274783
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

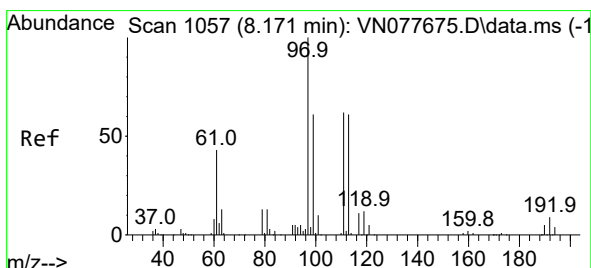
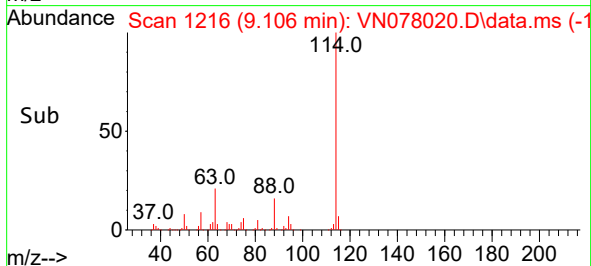
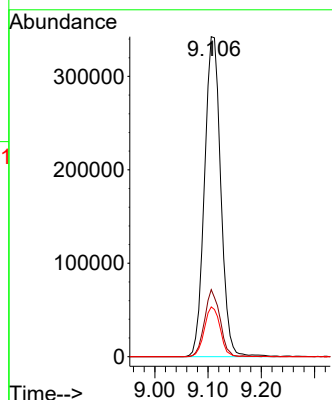
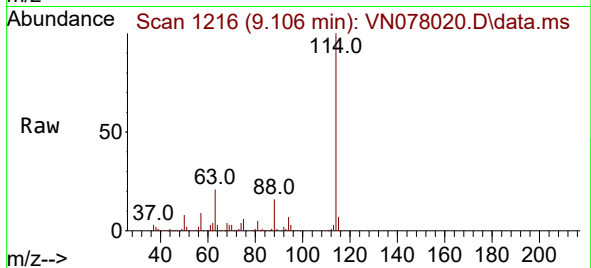




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

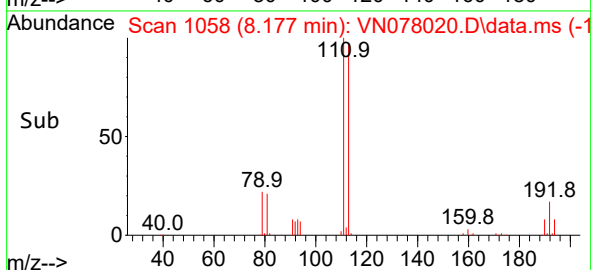
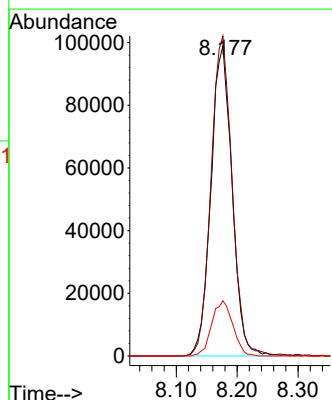
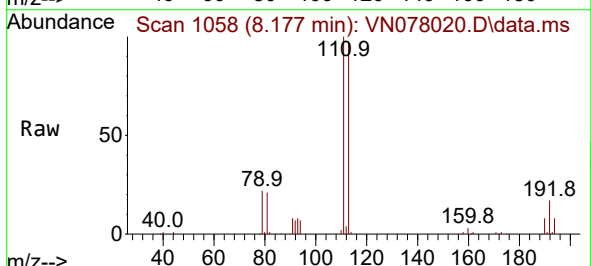
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ClientSampleId :
VN0602WBL01

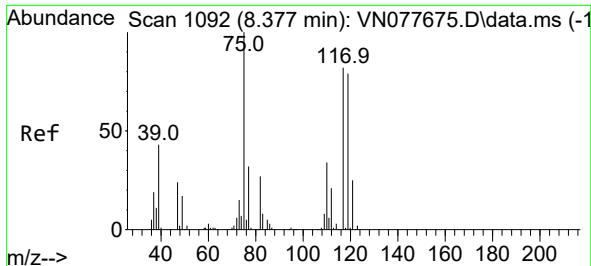
Tgt Ion:114 Resp: 725702
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.472 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion:113 Resp: 238844
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 17.7 12.7 19.1

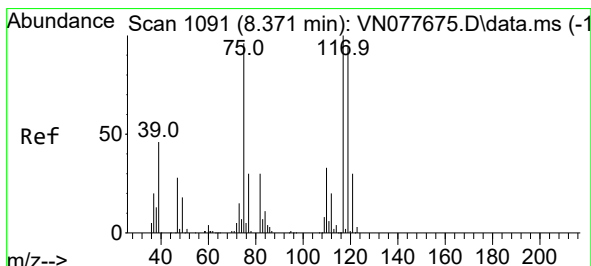
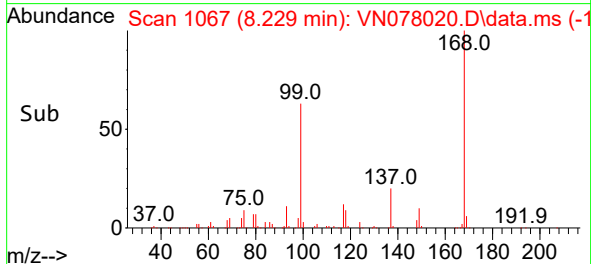
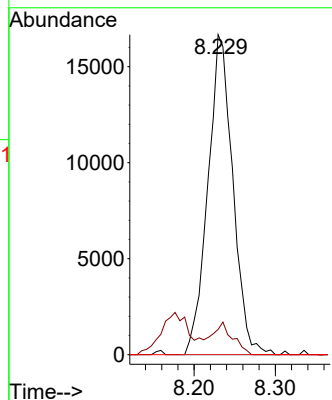
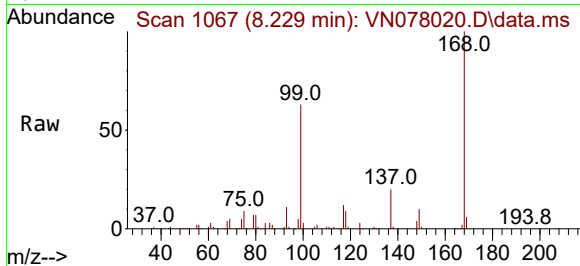




#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

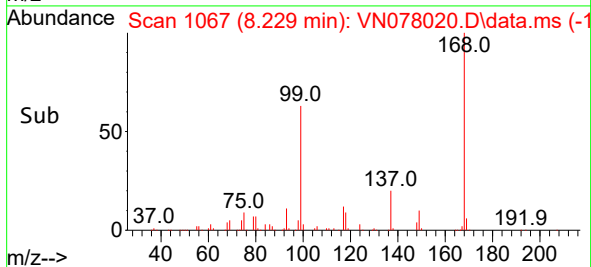
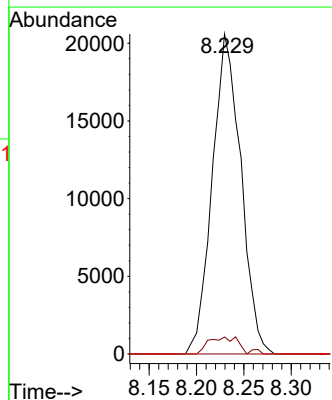
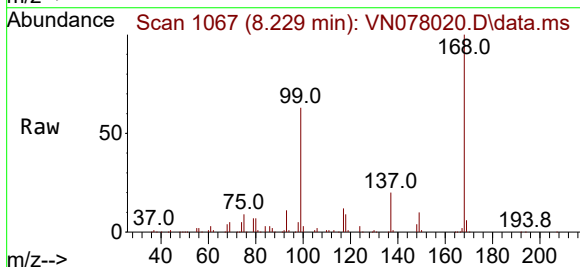
Instrument :
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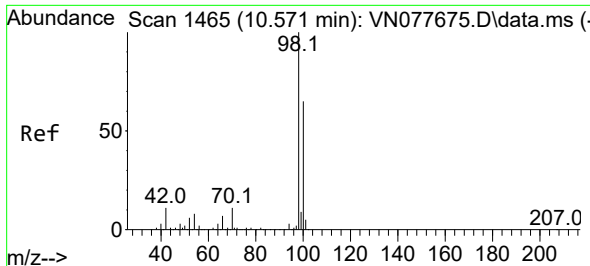
Tgt Ion: 75 Resp: 35512
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion: 117 Resp: 43137
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 23.3 34.9#

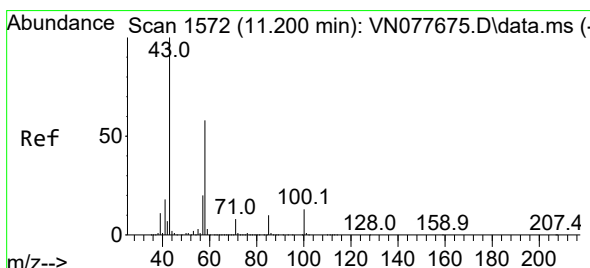
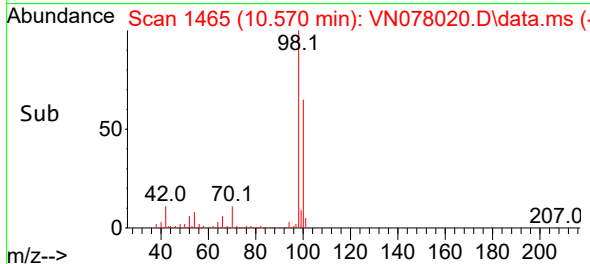
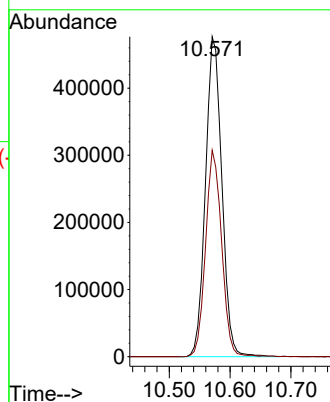
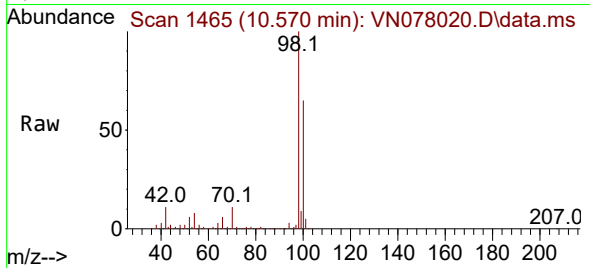




#50
Toluene-d8
Concen: 48.905 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

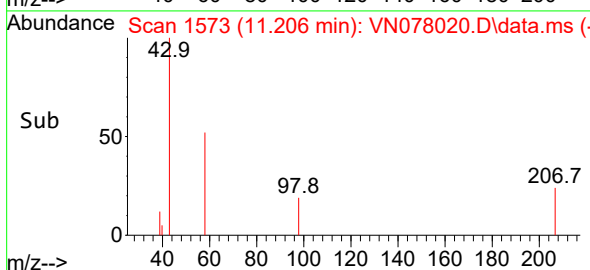
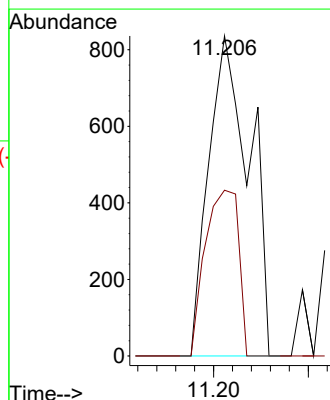
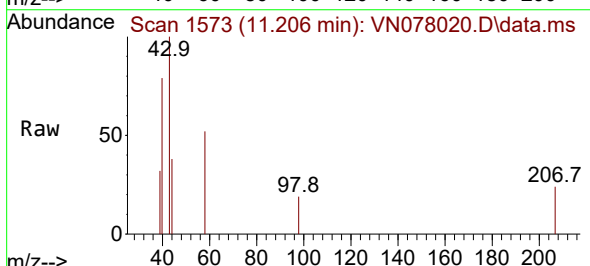
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

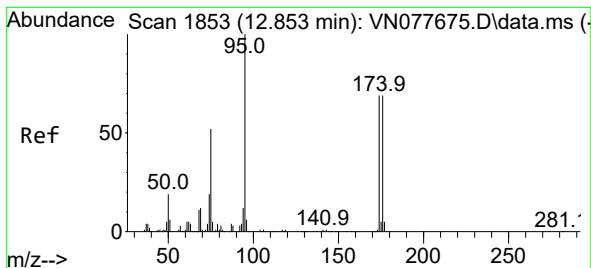
Tgt Ion: 98 Resp: 890796
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#59
2-Hexanone
Concen: 0.283 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 42.2 31.7 95.1

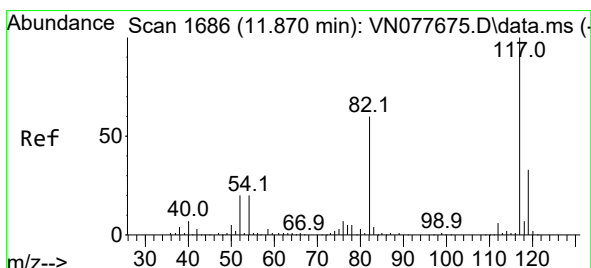
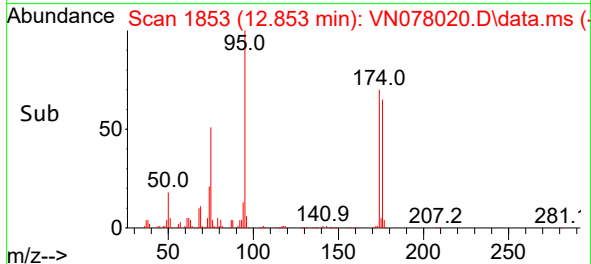
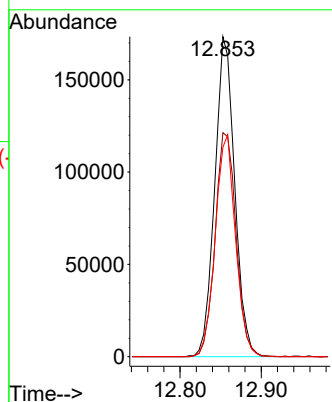
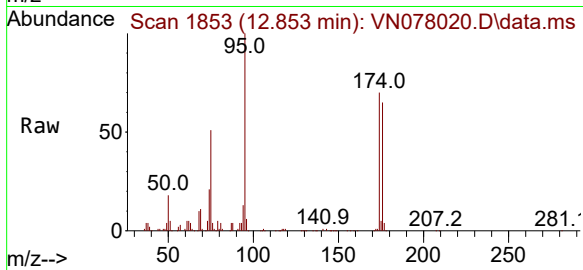




#62
4-Bromofluorobenzene
Concen: 45.936 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

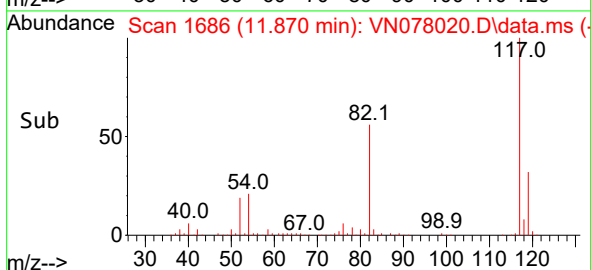
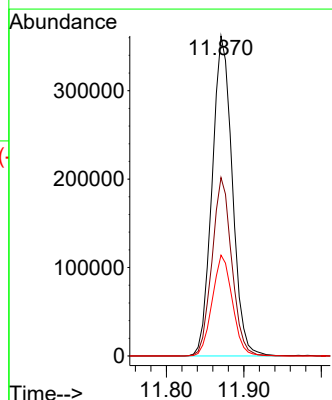
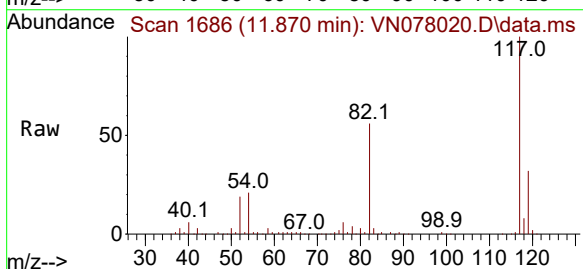
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

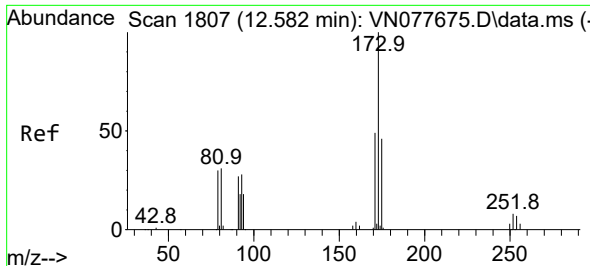
Tgt Ion: 95 Resp: 295509
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion: 117 Resp: 655789
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.5 25.6 38.4

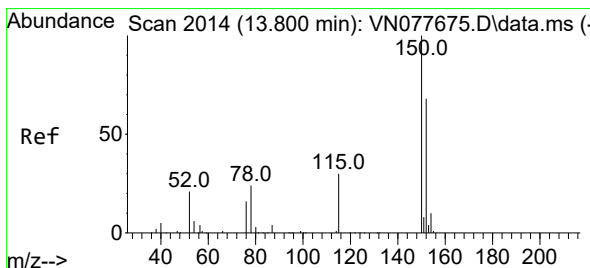
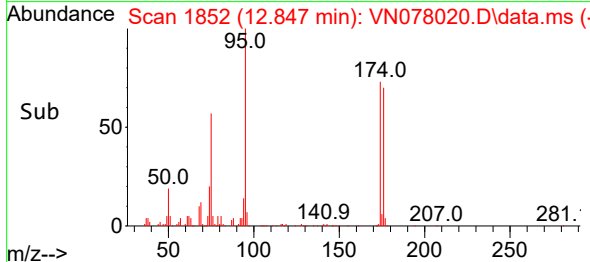
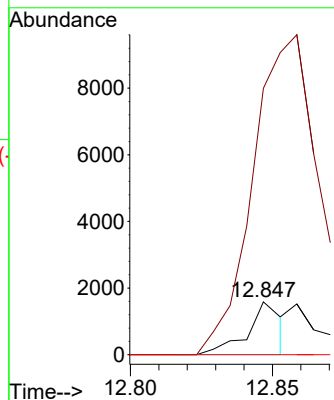
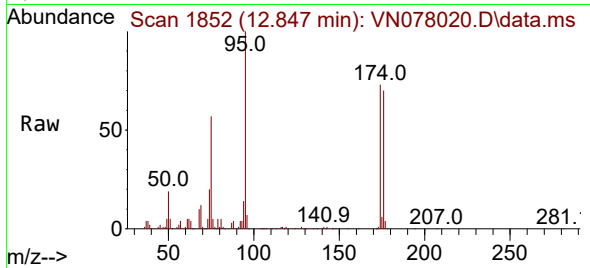




#71
Bromoform
Concen: 0.405 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

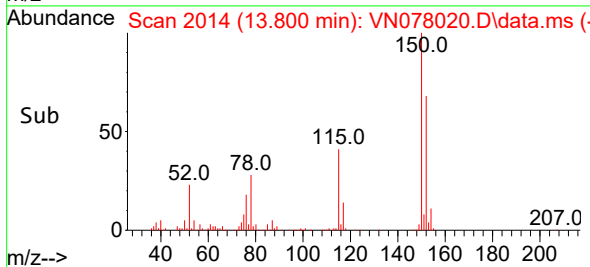
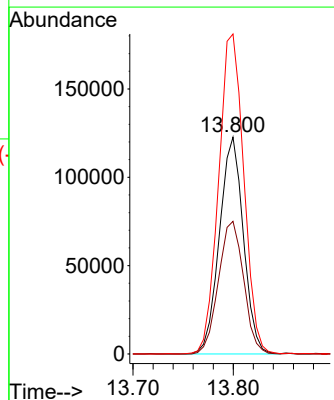
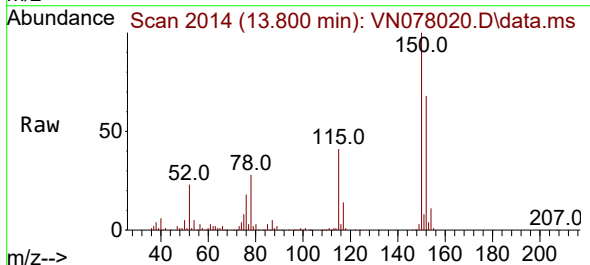
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

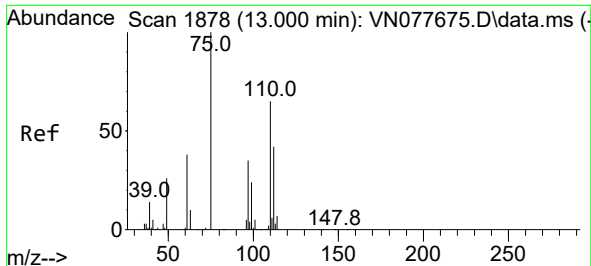
Tgt Ion:173 Resp: 1324
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion:152 Resp: 203606
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 155.2 0.0 355.8

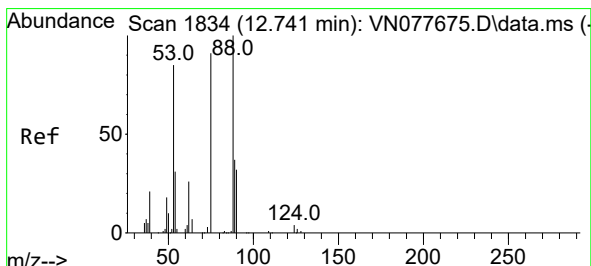
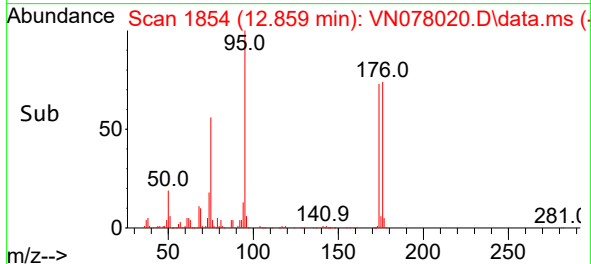
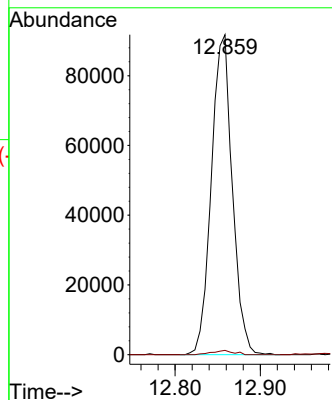
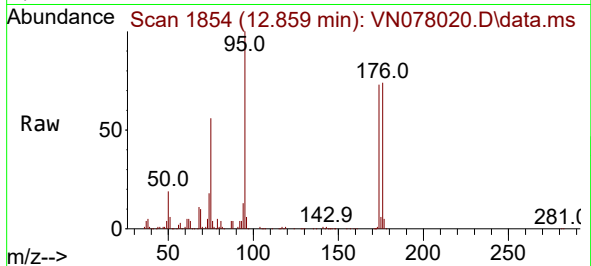




#76
1,2,3-Trichloropropane
Concen: 30.715 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

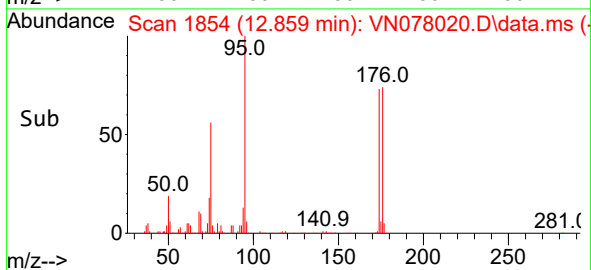
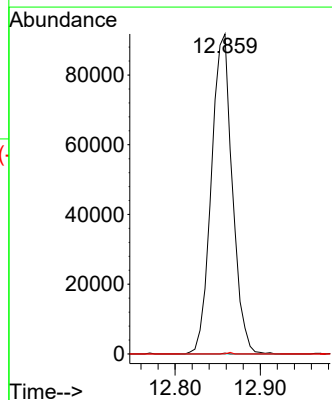
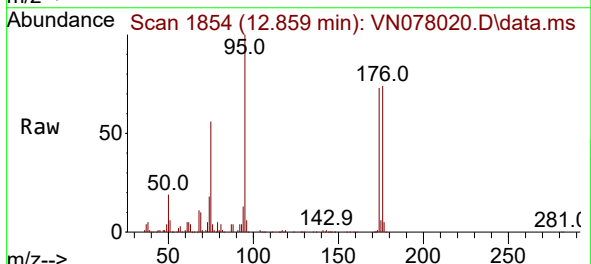
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBL01

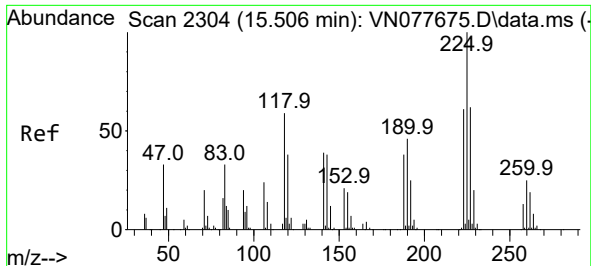
Tgt Ion: 75 Resp: 156616
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.181 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN078020.D
Acq: 02 Jun 2023 10:14

Tgt Ion: 75 Resp: 156616
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.1 38.8 58.2#





#94
 Hexachlorobutadiene
 Concen: 0.264 ug/l
 RT: 15.500 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078020.D
 Acq: 02 Jun 2023 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBL01

Tgt Ion:225 Resp: 443
 Ion Ratio Lower Upper
 225 100
 223 109.5 31.3 93.8#
 227 127.5 31.9 95.9#

