

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078065.D
 Acq On : 06 Jun 2023 12:39
 Operator : JC\MD
 Sample : VN0606WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBL01

Quant Time: Jun 07 01:20:30 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)

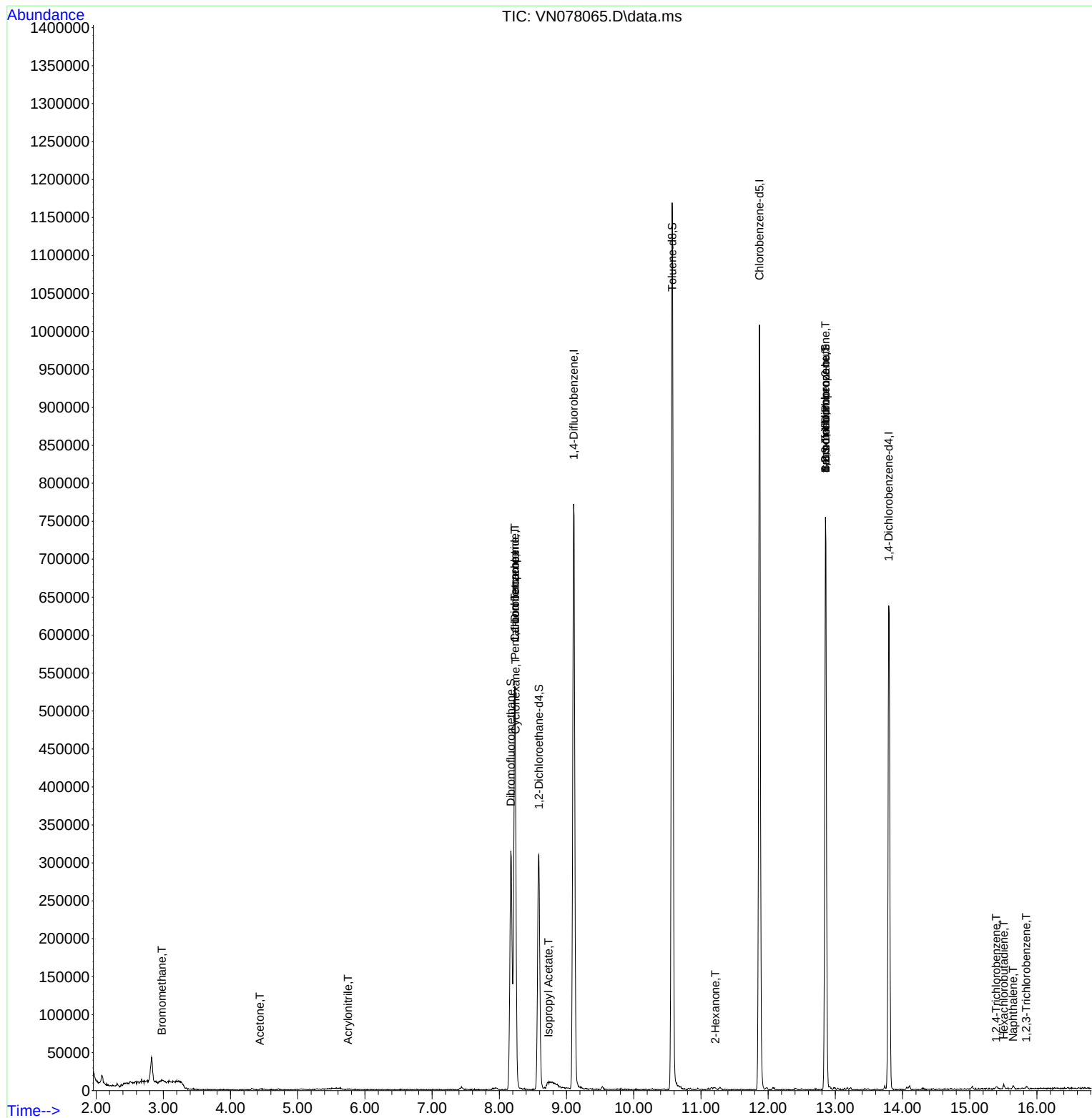
Internal Standards						
1) Pentafluorobenzene	8.236	168	384151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	702804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	606986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	260956	45.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.800%
35) Dibromofluoromethane	8.171	113	223175	48.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.571	98	864247	48.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.853	95	267057	42.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.740%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1424	Below Cal	#	79
5) Bromomethane	2.977	94	2091	0.513	ug/l #	63
13) Acrolein	4.212	56	270	Below Cal	#	16
15) Acrylonitrile	5.747	53	772	0.364	ug/l #	49
16) Acetone	4.436	43	393	0.217	ug/l #	40
20) Methylene Chloride	5.277	84	388	Below Cal	#	58
31) Cyclohexane	8.241	56	8912	1.141	ug/l #	50
36) 1,1-Dichloropropene	8.230	75	33453	4.991	ug/l #	48
38) Carbon Tetrachloride	8.230	117	41535	6.136	ug/l #	15
43) Isopropyl Acetate	8.730	43	6546	0.671	ug/l #	49
59) 2-Hexanone	11.212	43	1925	0.449	ug/l	92
71) Bromoform	12.853	173	2001	0.661	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	141926	31.758	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	141926	101.515	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.394	180	1594	0.450	ug/l #	70
94) Hexachlorobutadiene	15.506	225	1264	0.859	ug/l #	75
95) Naphthalene	15.647	128	4554	0.373	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.841	180	1492	0.430	ug/l	92

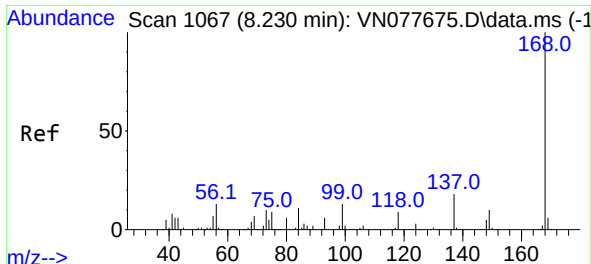
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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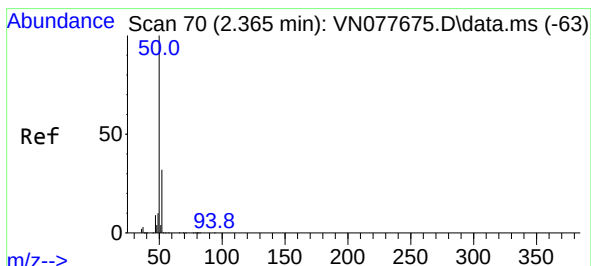
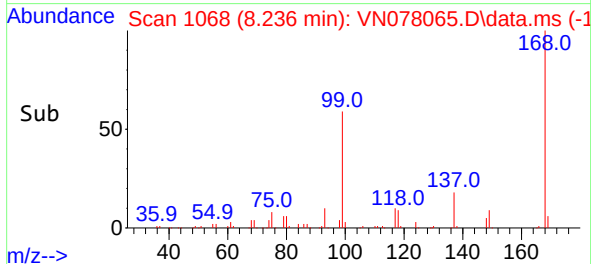
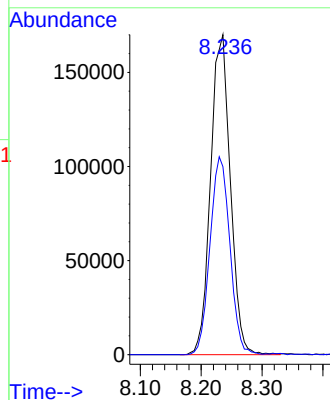
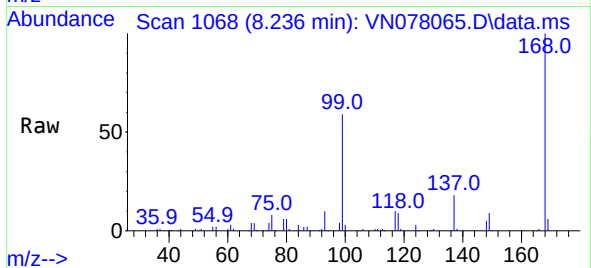




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

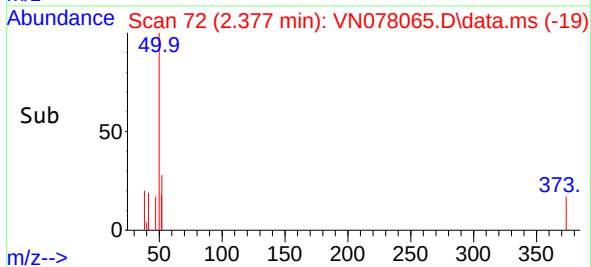
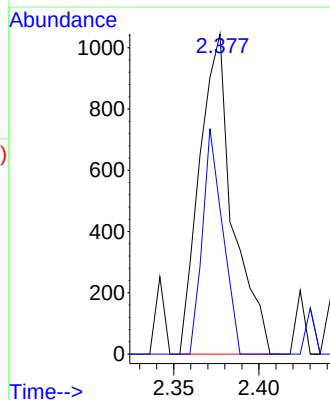
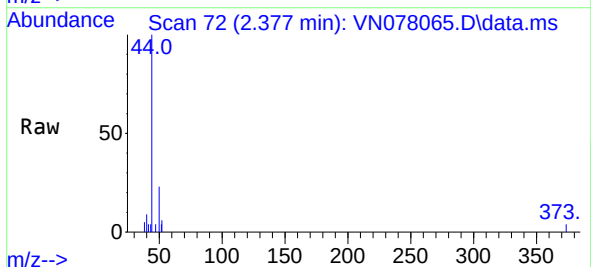
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

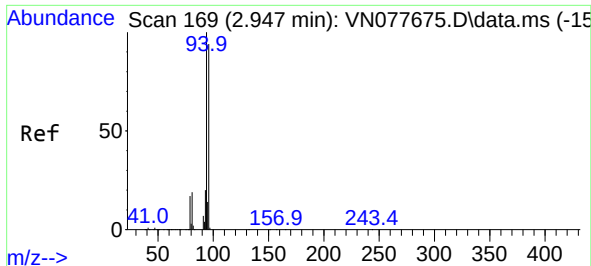
Tgt Ion:168 Resp: 384151
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 50 Resp: 1424
Ion Ratio Lower Upper
50 100
52 45.3 26.5 39.7#

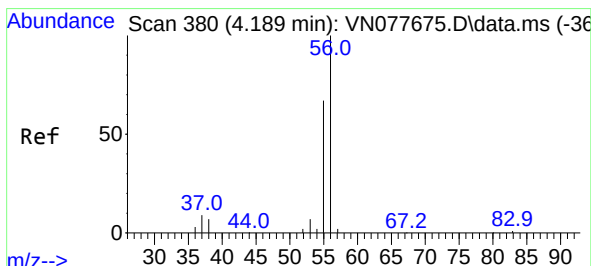
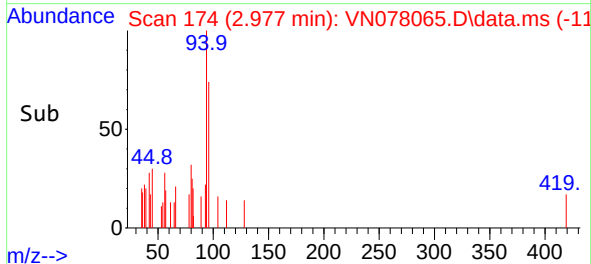
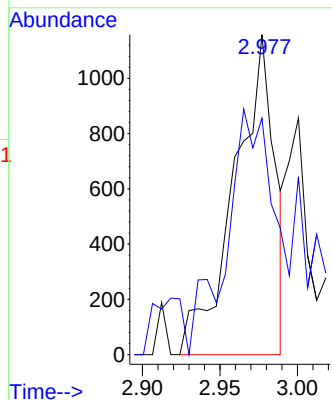
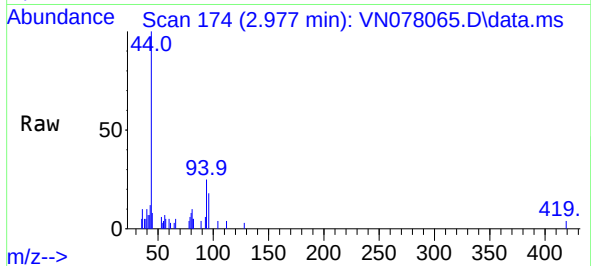




#5
Bromomethane
Concen: 0.513 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

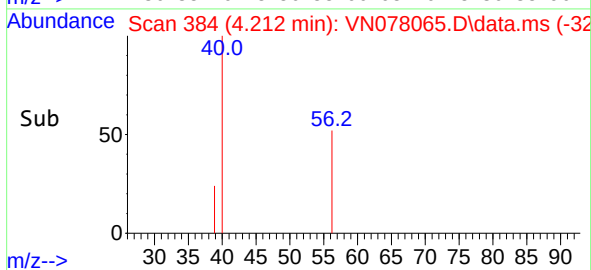
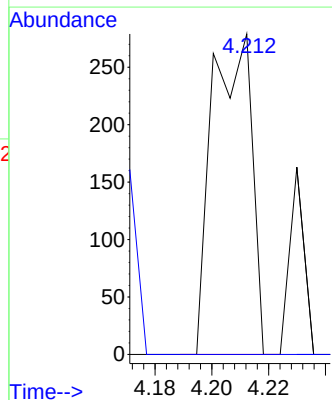
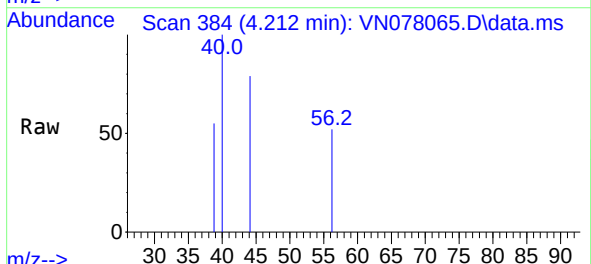
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

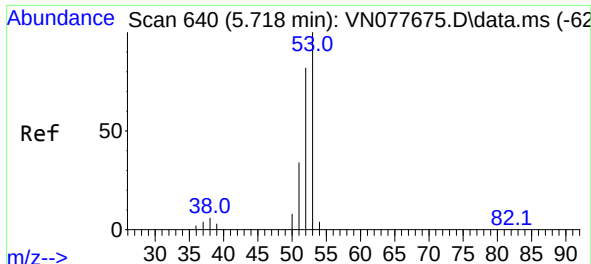
Tgt Ion: 94 Resp: 2091
Ion Ratio Lower Upper
94 100
96 56.5 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 384
Delta R.T. 0.023 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

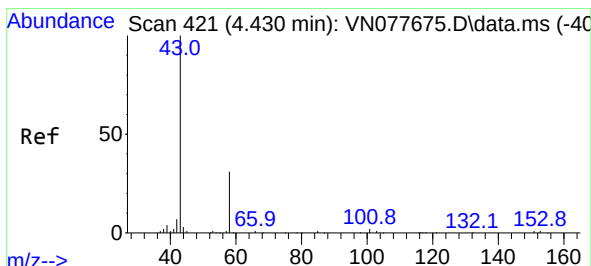
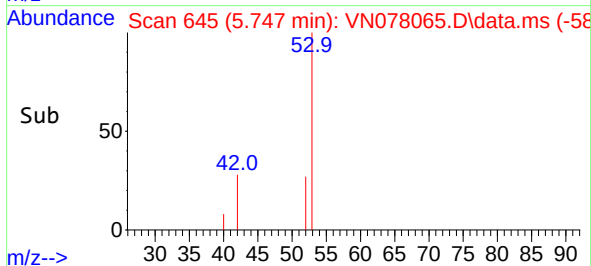
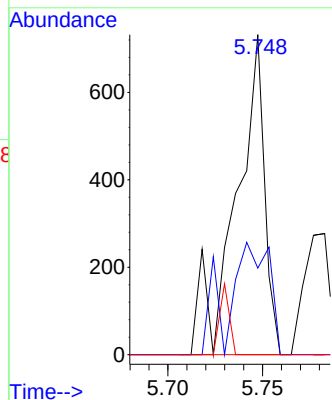
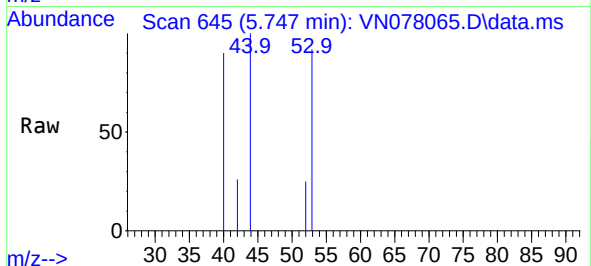




#15
Acrylonitrile
Concen: 0.364 ug/l
RT: 5.747 min Scan# 640
Delta R.T. 0.029 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

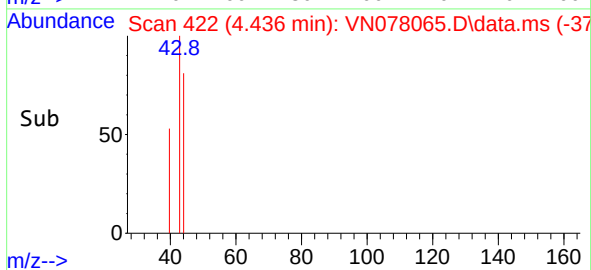
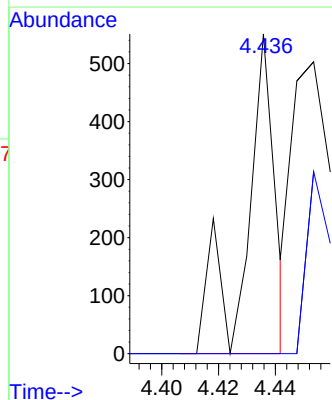
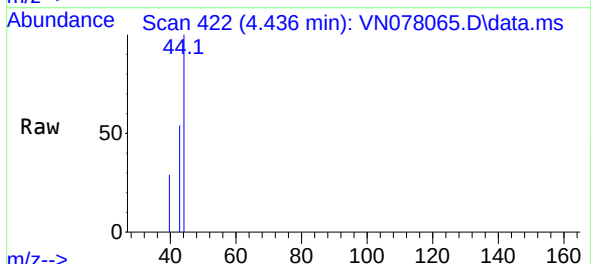
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

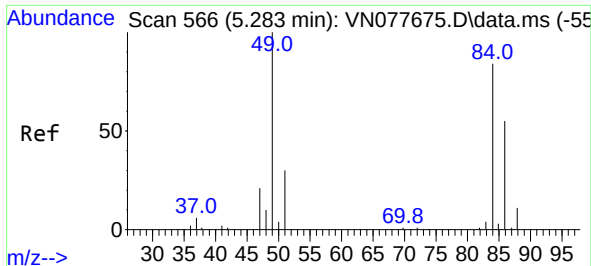
Tgt Ion: 53 Resp: 772
Ion Ratio Lower Upper
53 100
52 39.9 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.217 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

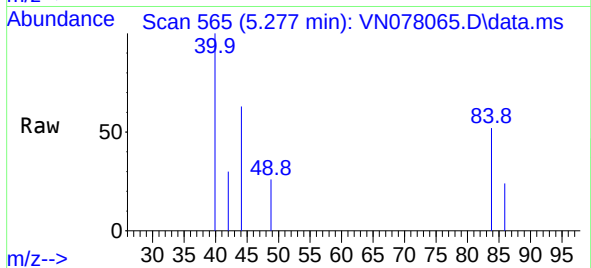
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





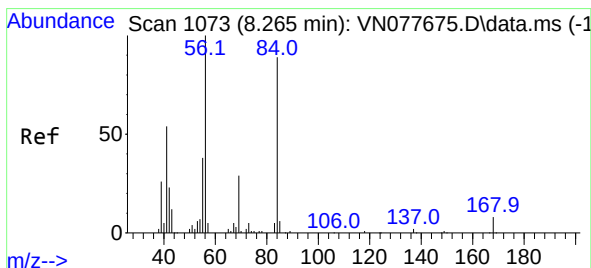
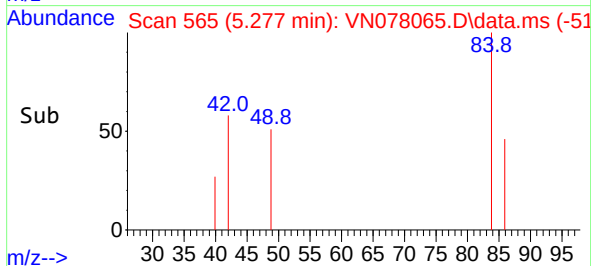
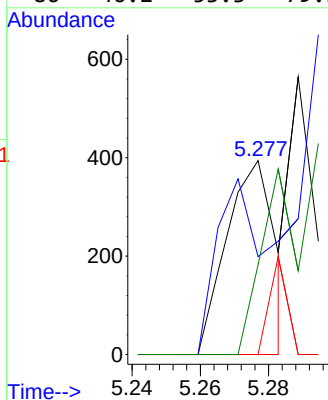
#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01



Tgt Ion: 84 Resp: 388

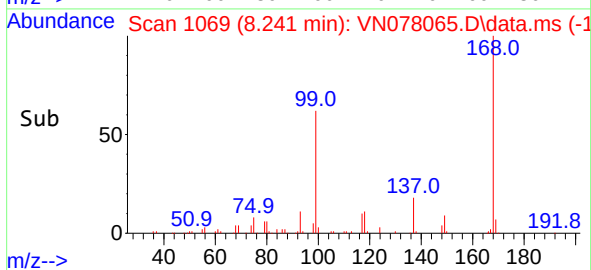
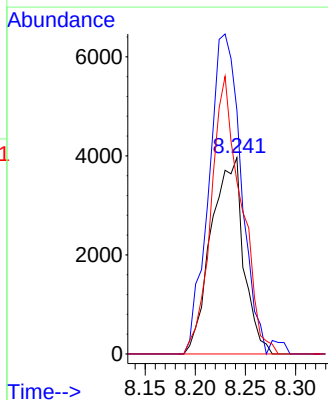
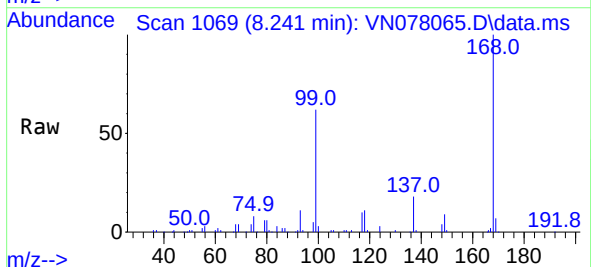
Ion	Ratio	Lower	Upper
84	100		
49	50.5	79.7	119.5#
51	0.0	25.2	37.8#
86	46.2	53.3	79.9#

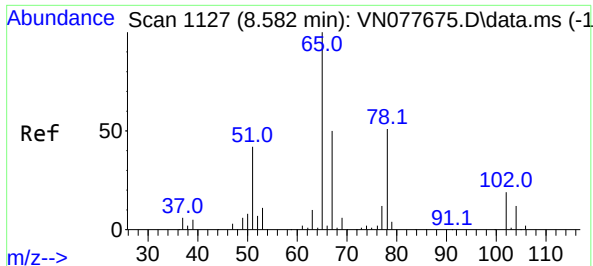


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.024 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 56 Resp: 8912

Ion	Ratio	Lower	Upper
56	100		
69	124.1	26.8	40.2#
84	87.8	81.8	122.6

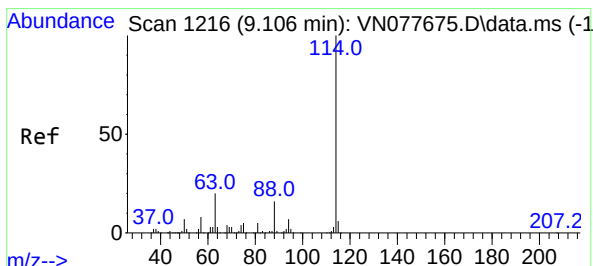
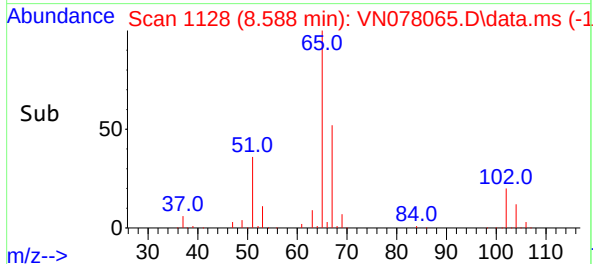
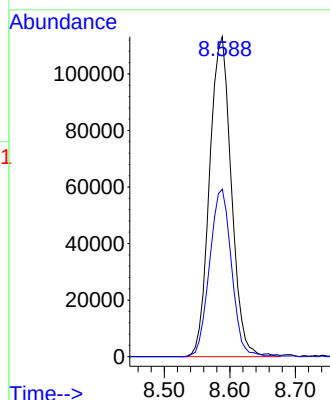
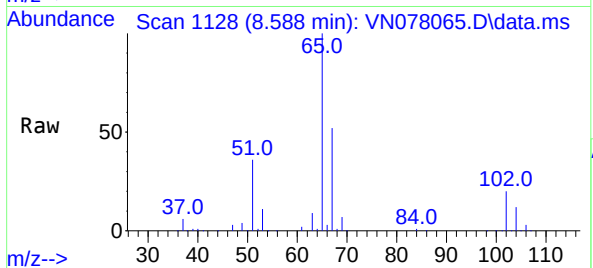




#33
1,2-Dichloroethane-d4
Concen: 45.400 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

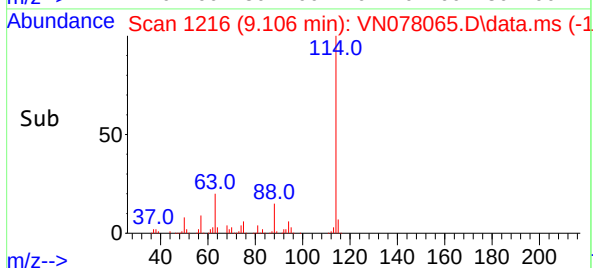
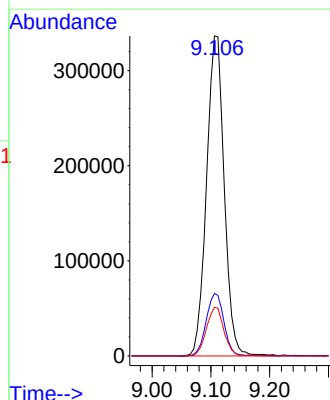
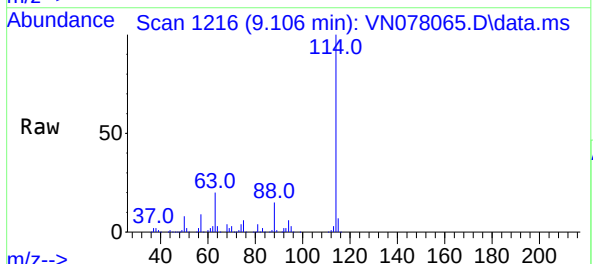
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

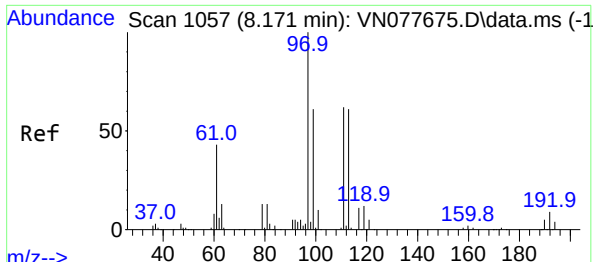
Tgt Ion: 65 Resp: 260956
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

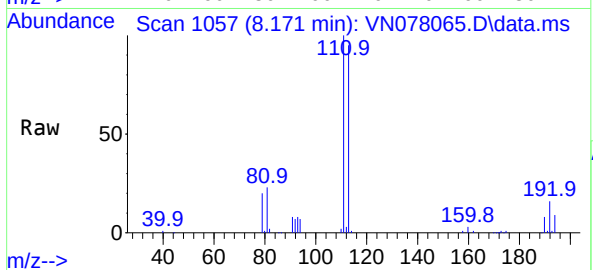
Tgt Ion: 114 Resp: 702804
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 15.2 0.0 30.6



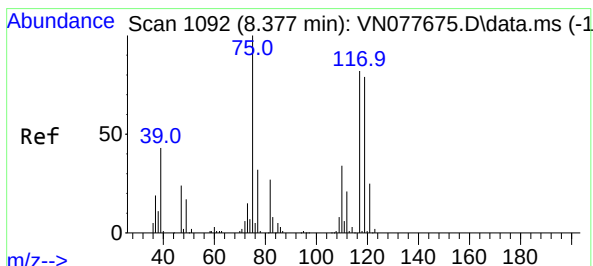
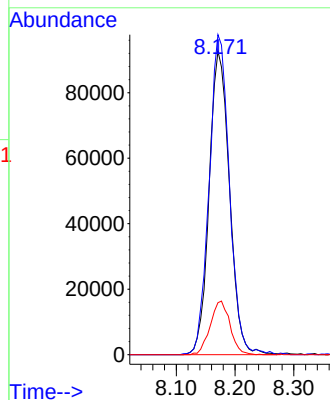
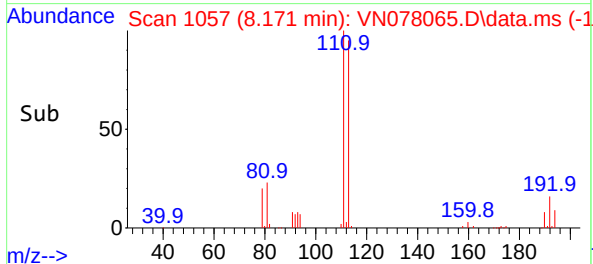


#35
Dibromofluoromethane
Concen: 48.697 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Instrument :
MSVOA_N
ClientSampleId :
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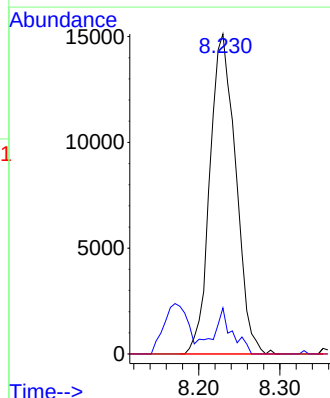
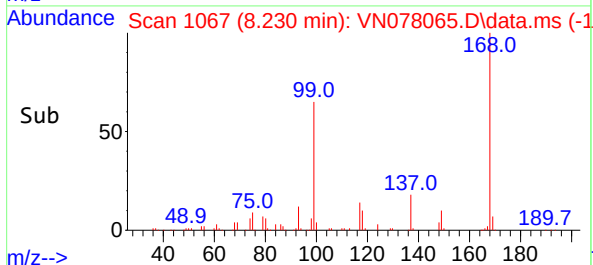
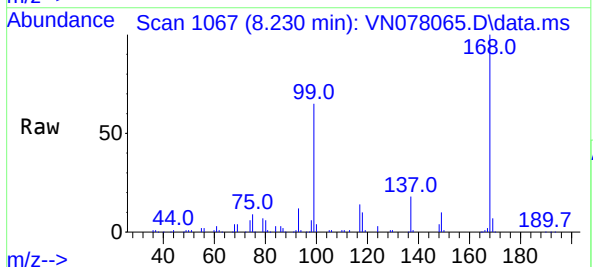


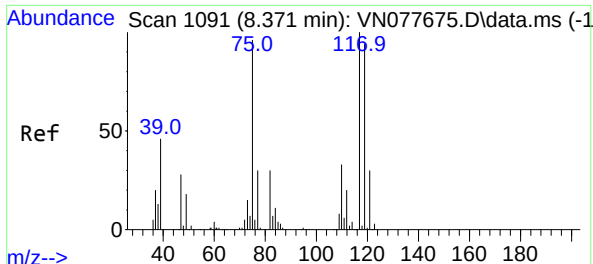
Tgt Ion:113 Resp: 223175
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

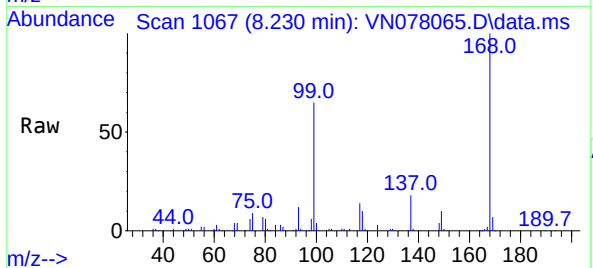
Tgt Ion: 75 Resp: 33453
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.3#
77 0.0 25.0 37.4#



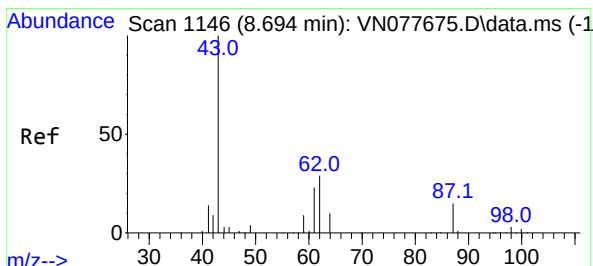
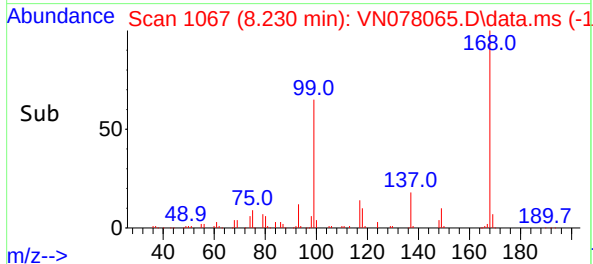
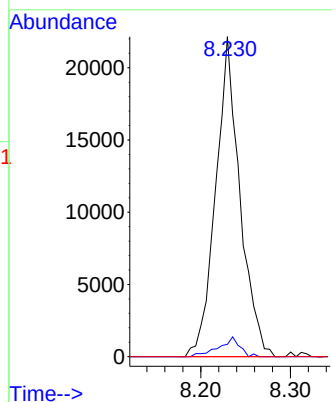


#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 8.230 min Scan# 1152
Delta R.T. -0.141 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

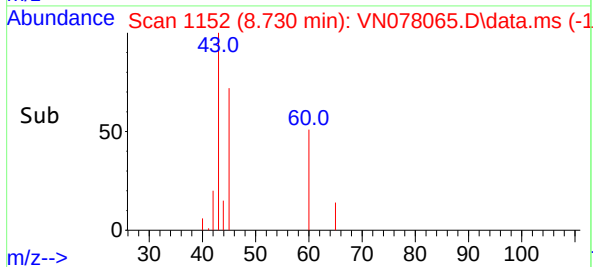
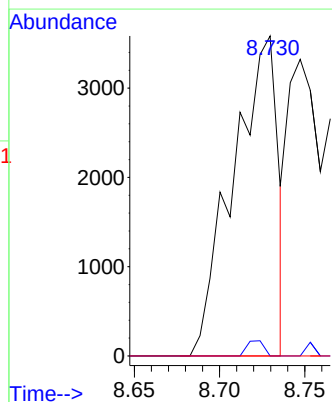
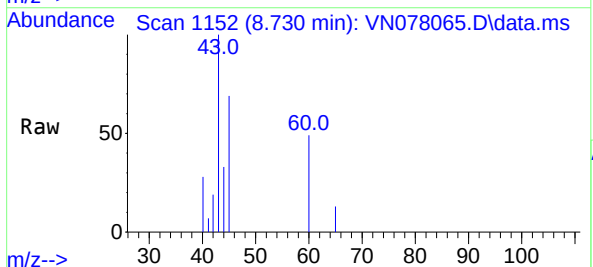


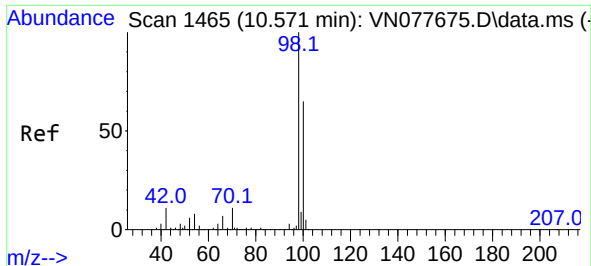
Tgt Ion:117 Resp: 41535
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.671 ug/l
RT: 8.730 min Scan# 1152
Delta R.T. 0.036 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 43 Resp: 6546
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

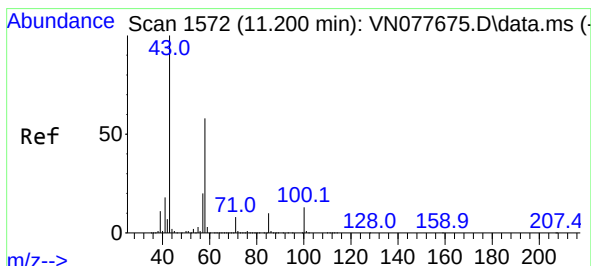
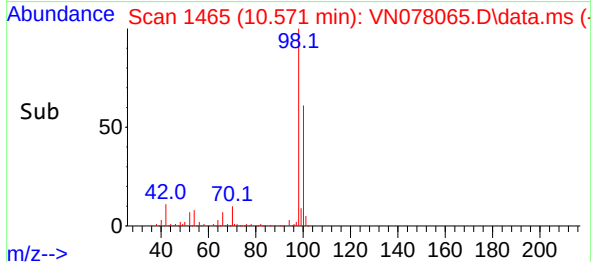
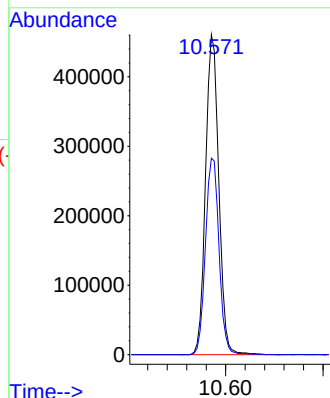
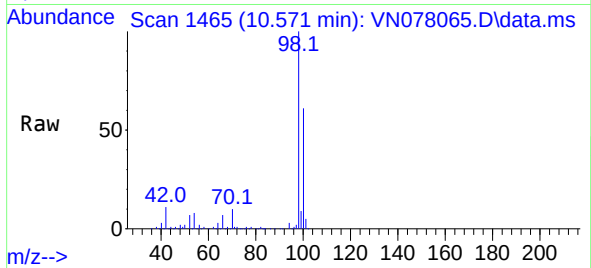




#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

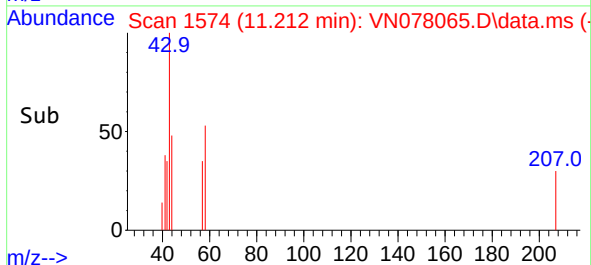
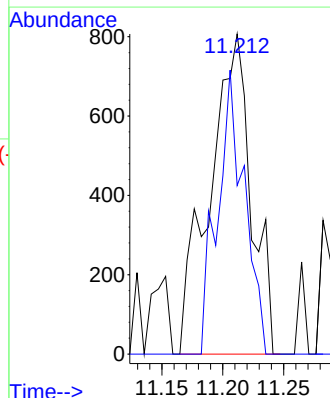
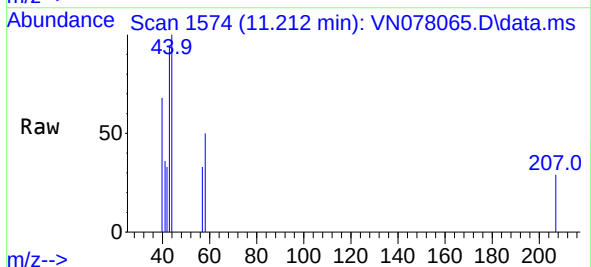
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

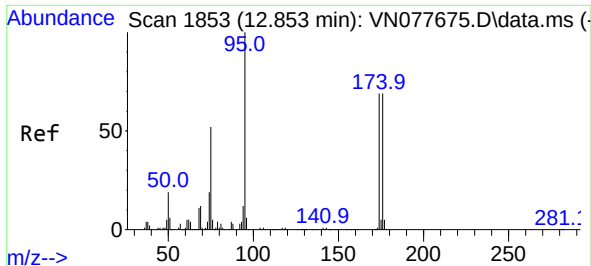
Tgt Ion: 98 Resp: 864247
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#59
2-Hexanone
Concen: 0.449 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1

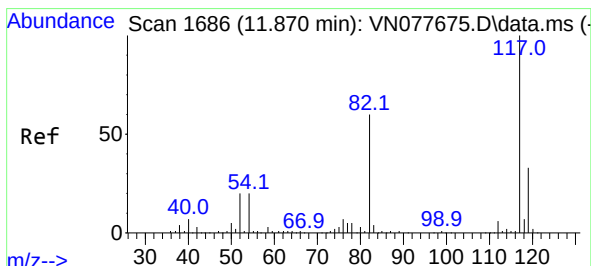
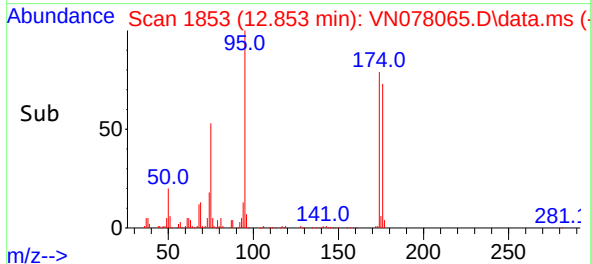
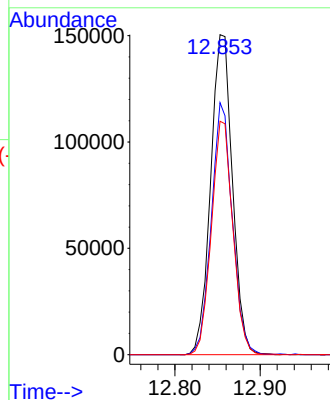
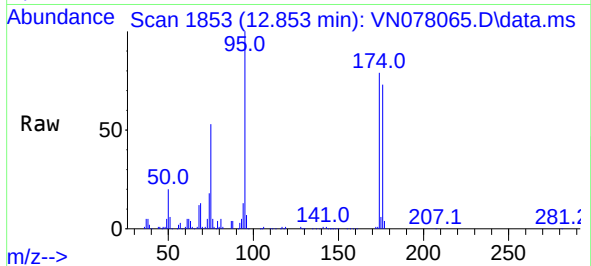




#62
4-Bromofluorobenzene
Concen: 42.866 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

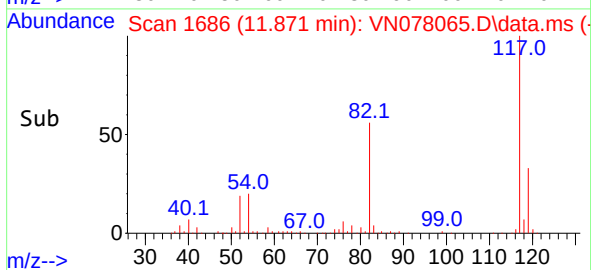
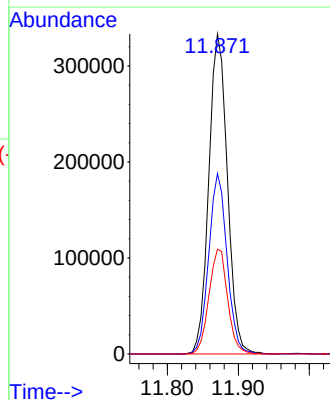
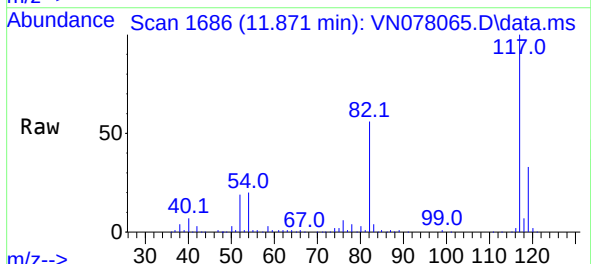
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

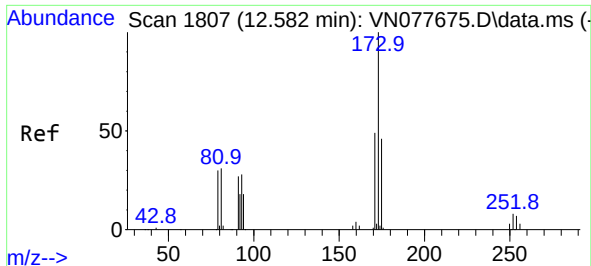
Tgt Ion: 95 Resp: 267057
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 117 Resp: 606986
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.7 25.6 38.4

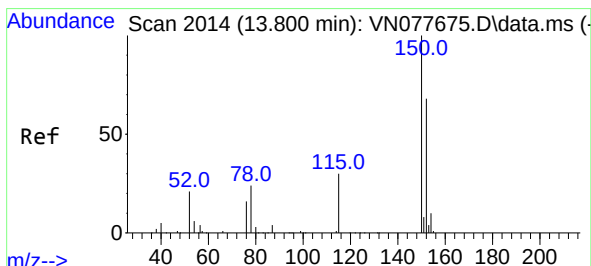
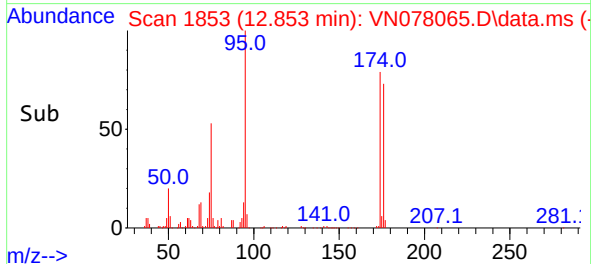
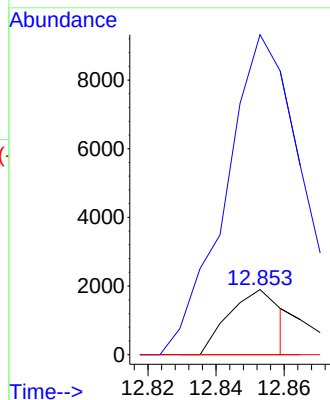
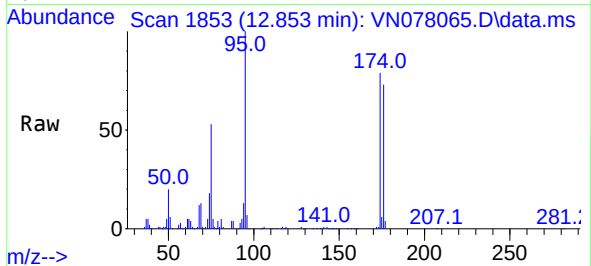




#71
Bromoform
Concen: 0.661 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

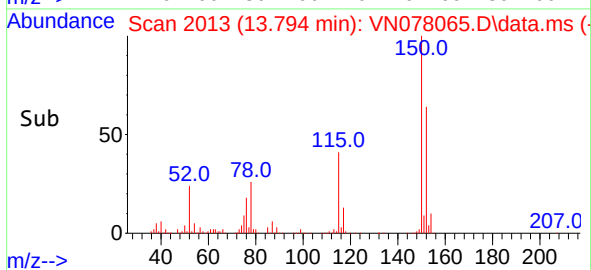
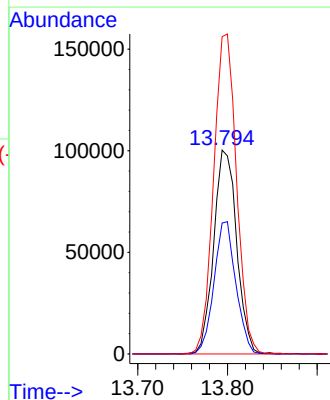
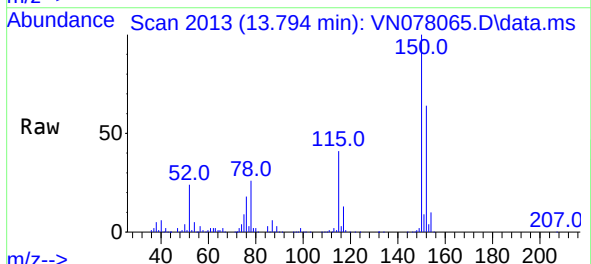
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

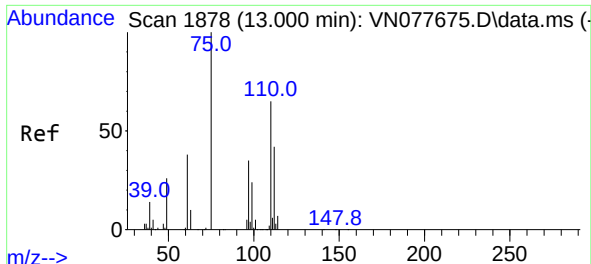
Tgt Ion:173 Resp: 2001
Ion Ratio Lower Upper
173 100
175 558.5 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion:152 Resp: 178448
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 156.5 0.0 355.8

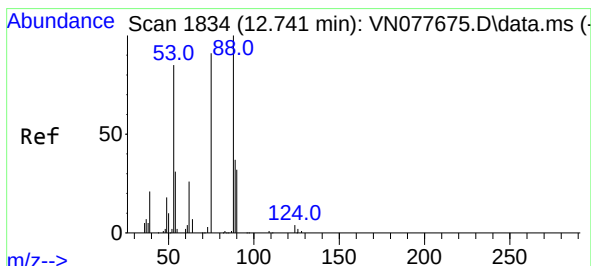
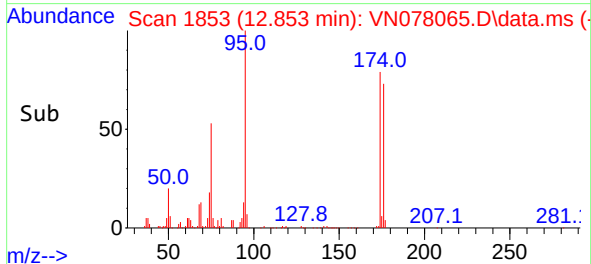
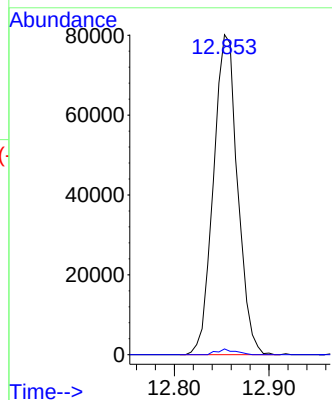
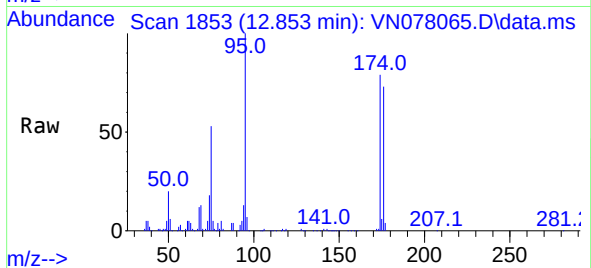




#76
1,2,3-Trichloropropane
Concen: 31.758 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

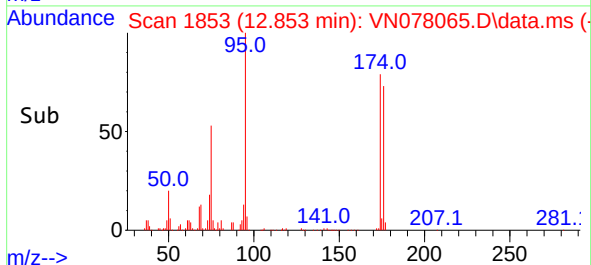
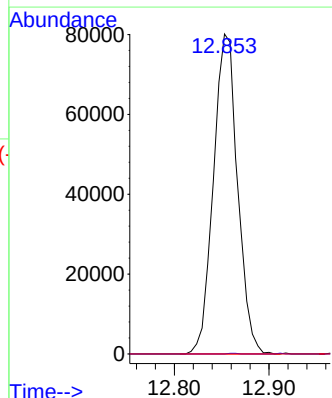
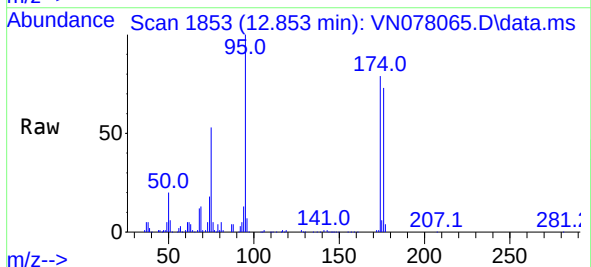
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

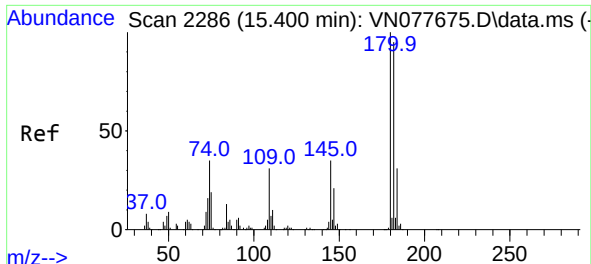
Tgt Ion: 75 Resp: 141926
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.515 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 75 Resp: 141926
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

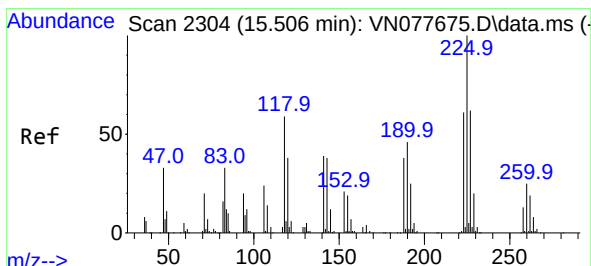
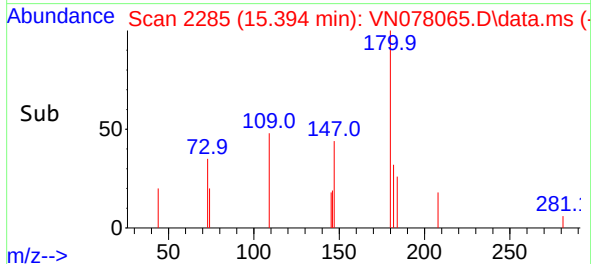
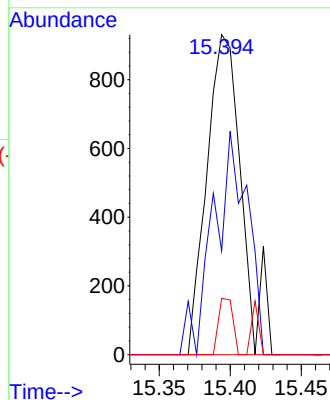
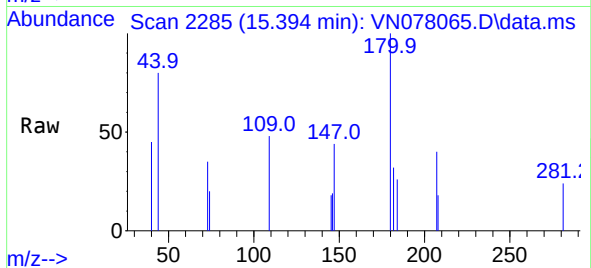




#93
1,2,4-Trichlorobenzene
Concen: 0.450 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

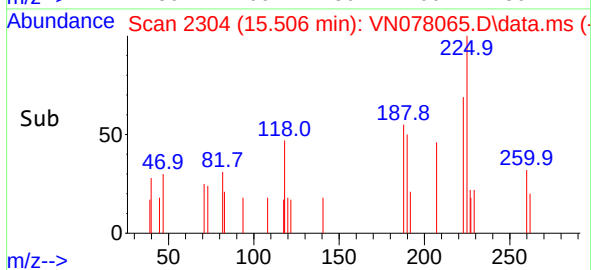
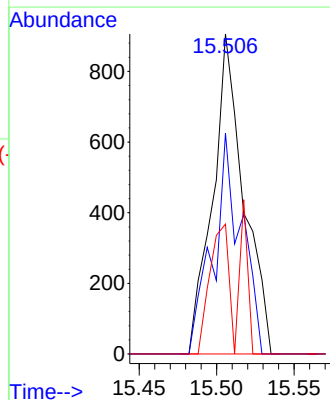
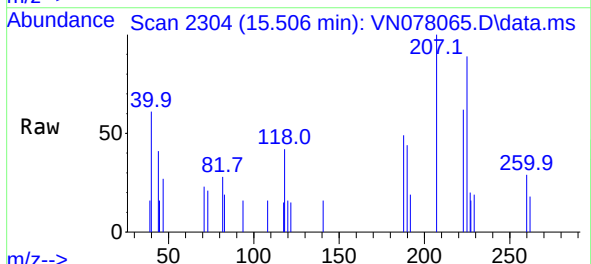
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

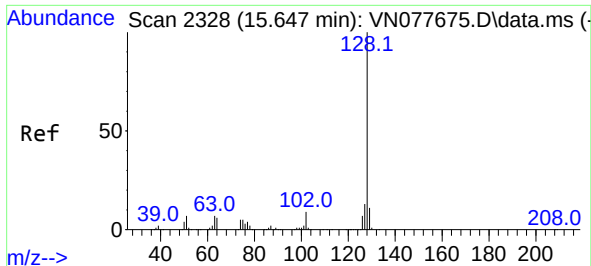
Tgt Ion:180 Resp: 1594
Ion Ratio Lower Upper
180 100
182 68.3 46.1 138.2
145 7.2 16.6 49.8#



#94
Hexachlorobutadiene
Concen: 0.859 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion:225 Resp: 1264
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.8
227 24.8 31.9 95.9#

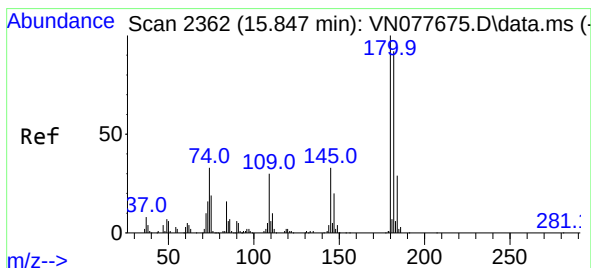
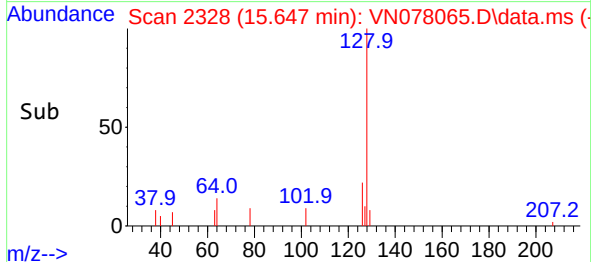
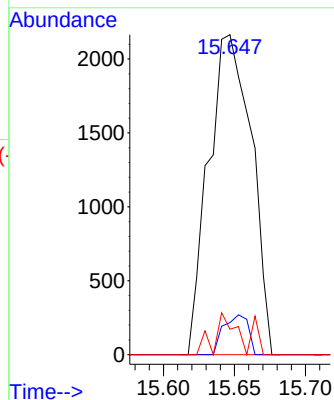
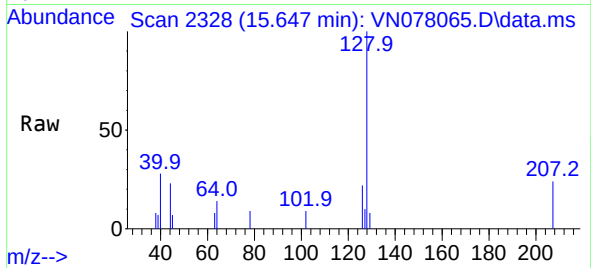




#95
Naphthalene
Concen: 0.373 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

Tgt Ion:128 Resp: 4554
Ion Ratio Lower Upper
128 100
127 7.1 10.0 15.0#
129 6.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.430 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion:180 Resp: 1492
Ion Ratio Lower Upper
180 100
182 100.9 46.2 138.6
145 31.0 17.5 52.6

