

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077960.D
 Acq On : 30 May 2023 11:16
 Operator : JC\MD
 Sample : VN0530WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBL01

Quant Time: May 31 02:03:59 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)

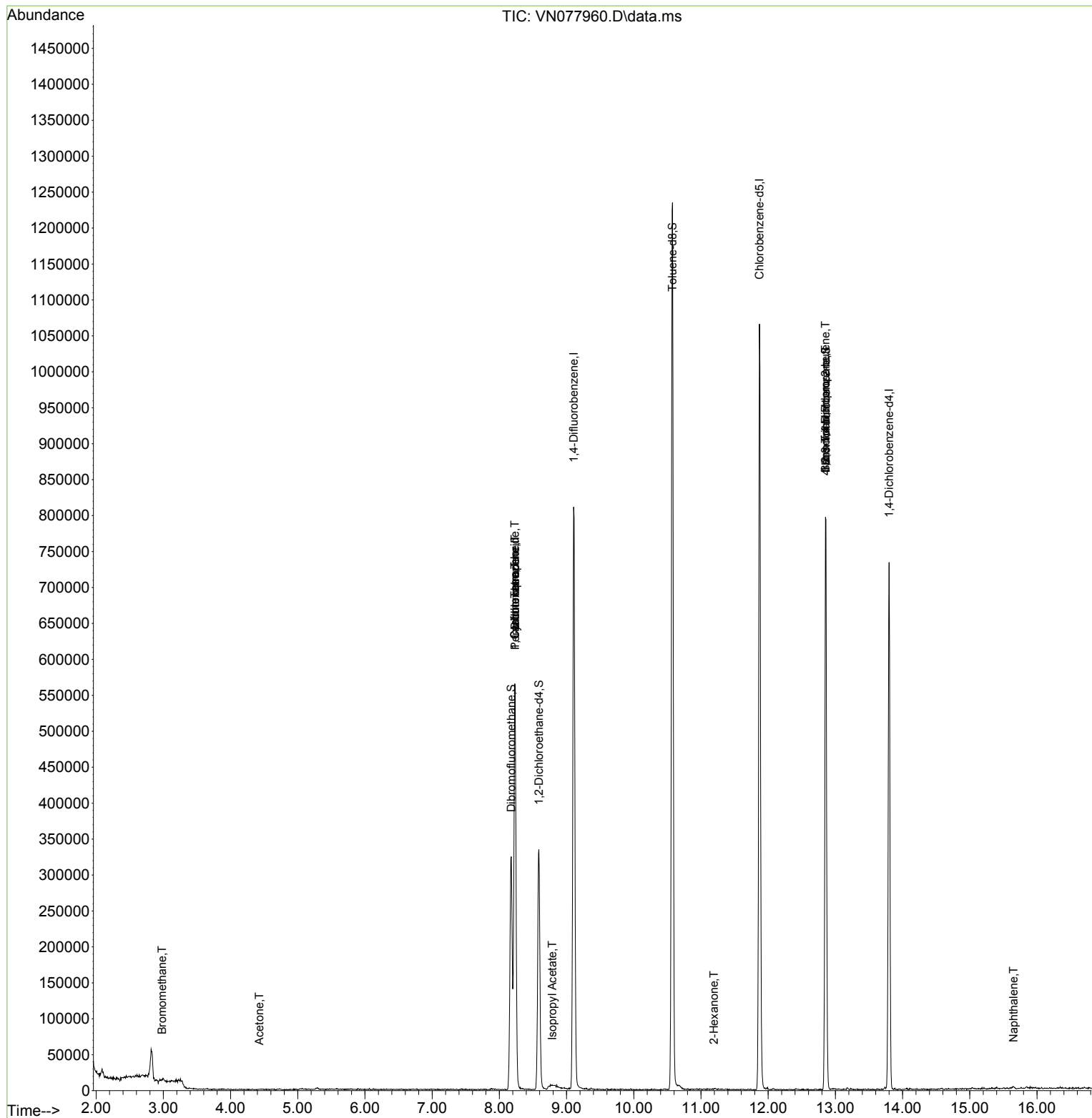
Internal Standards						
1) Pentafluorobenzene	8.235	168	405003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	735954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282240	46.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.160%
35) Dibromofluoromethane	8.177	113	238689	49.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.576	98	905405	49.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.859	95	290552	44.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	999	Below Cal	#	75
5) Bromomethane	2.983	94	1948	0.453	ug/l	99
13) Acrolein	4.212	56	56	Below Cal	#	1
16) Acetone	4.430	43	552	0.290	ug/l	# 40
20) Methylene Chloride	5.289	84	743	Below Cal	#	53
31) Cyclohexane	8.230	56	9859	1.197	ug/l	# 39
36) 1,1-Dichloropropene	8.235	75	34284	4.884	ug/l	# 47
38) Carbon Tetrachloride	8.230	117	45495	6.418	ug/l	# 16
43) Isopropyl Acetate	8.788	43	8170	0.799	ug/l	# 49
59) 2-Hexanone	11.194	43	1237	0.275	ug/l	# 19
71) Bromoform	12.853	173	1482	0.465	ug/l	# 28
76) 1,2,3-Trichloropropane	12.853	75	156636	31.945	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	156636	102.113	ug/l	# 15
95) Naphthalene	15.653	128	3819	0.285	ug/l	# 86

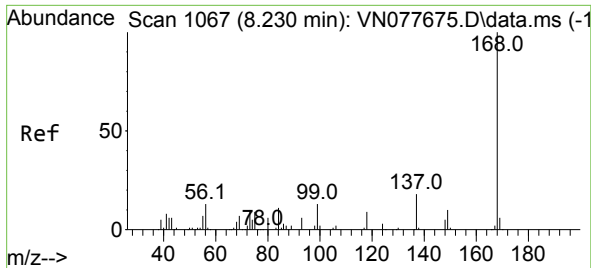
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
Data File : VN077960.D
Acq On : 30 May 2023 11:16
Operator : JC\MD
Sample : VN0530WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

Quant Time: May 31 02:03:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

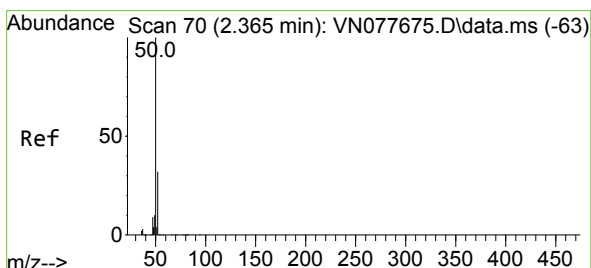
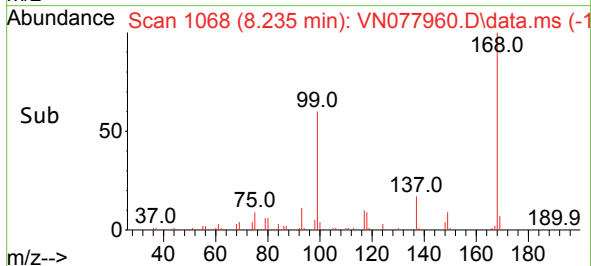
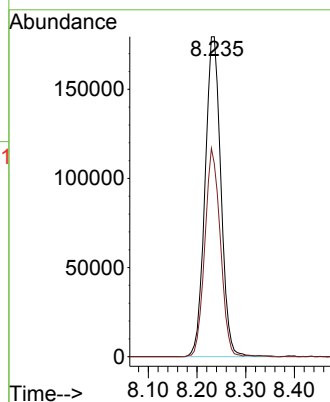
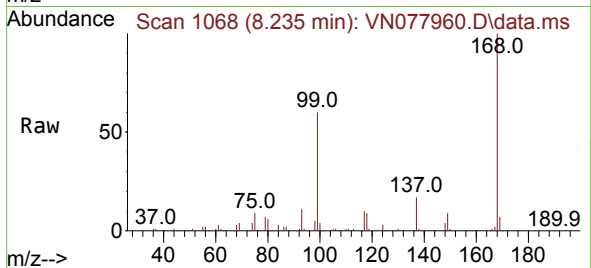




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

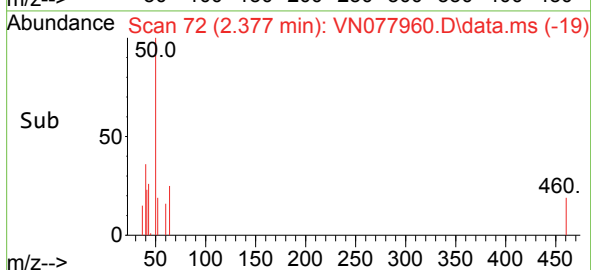
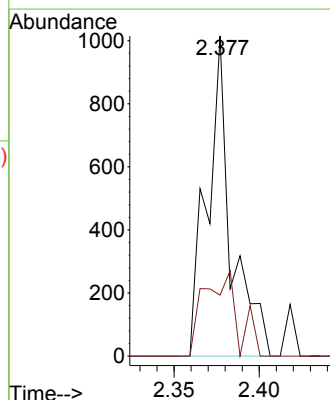
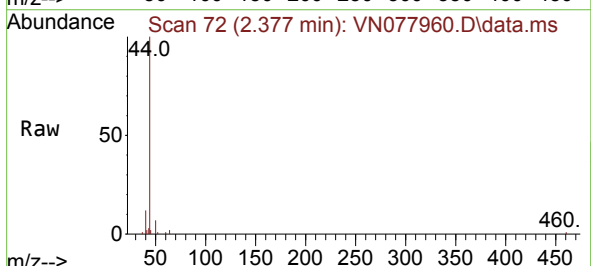
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

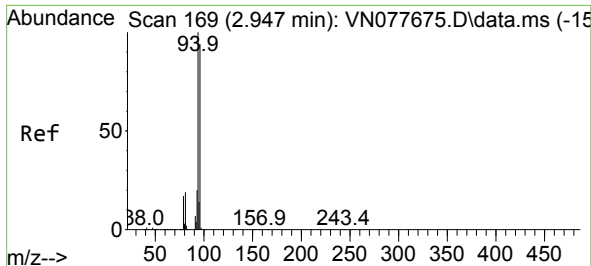
Tgt Ion:168 Resp: 405003
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 50 Resp: 999
Ion Ratio Lower Upper
50 100
52 19.0 26.5 39.7#

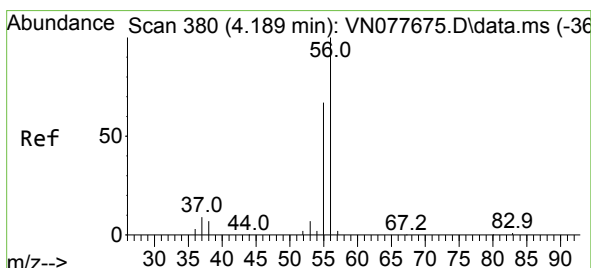
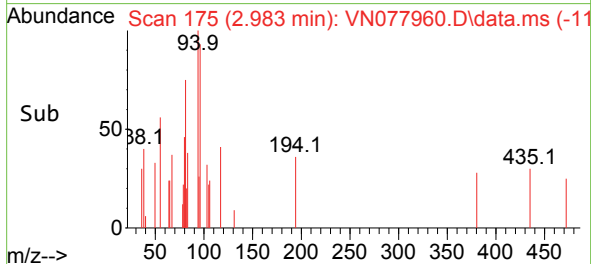
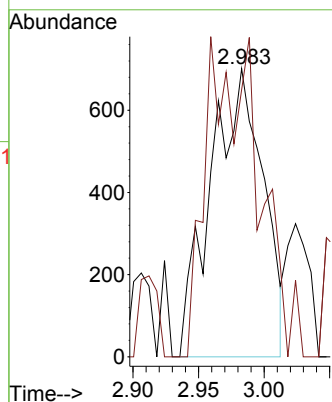
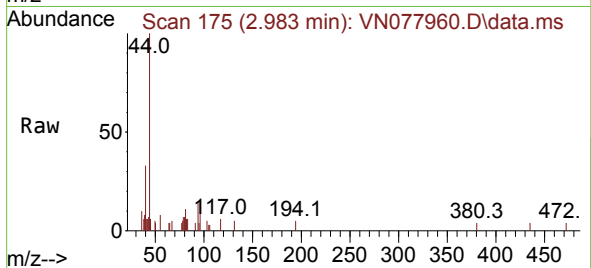




#5
Bromomethane
Concen: 0.453 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

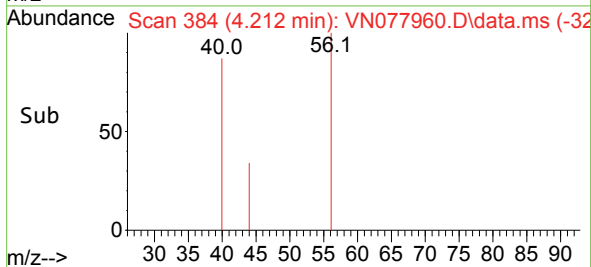
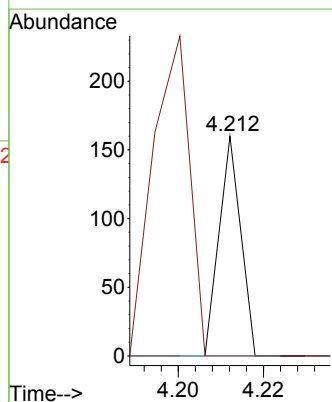
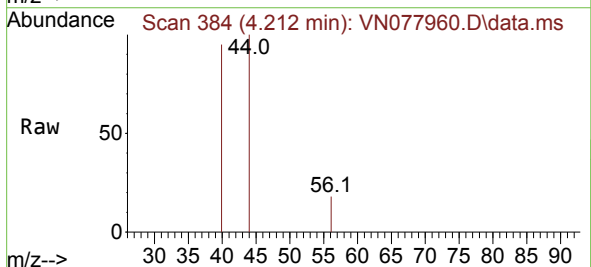
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

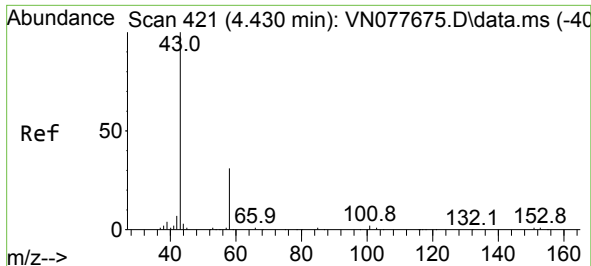
Tgt Ion: 94 Resp: 1948
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7



#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 384
Delta R.T. 0.023 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 250.0 54.5 81.7#

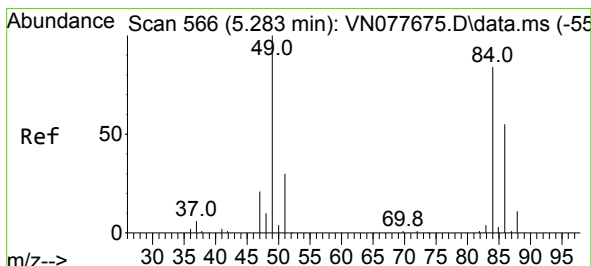
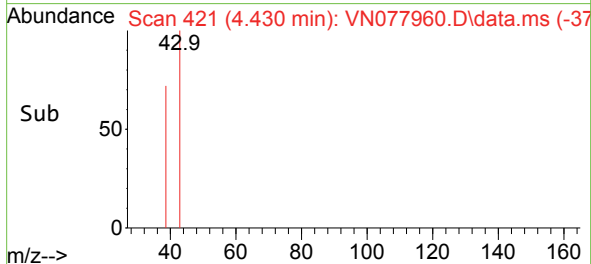
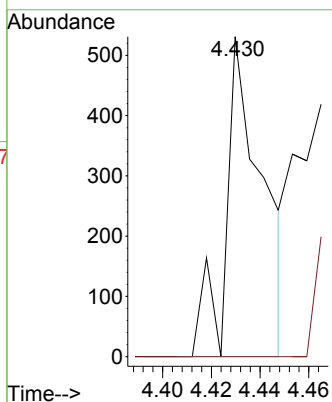
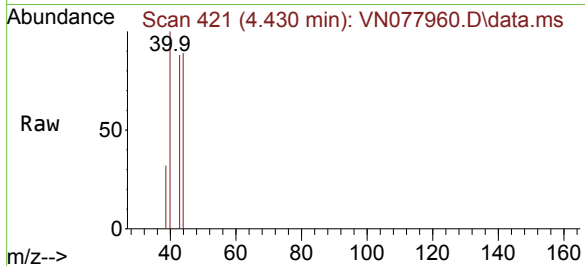




#16
Acetone
Concen: 0.290 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

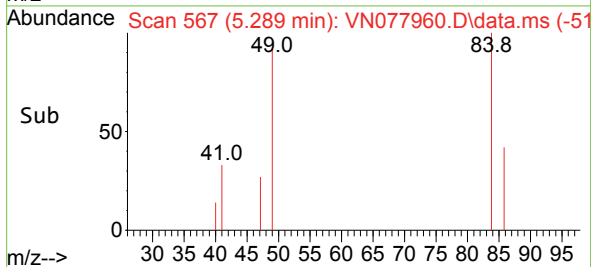
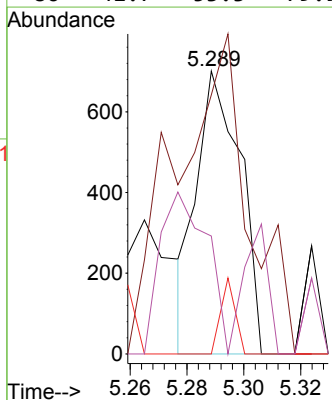
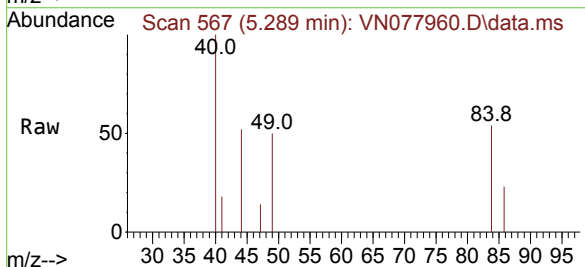
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

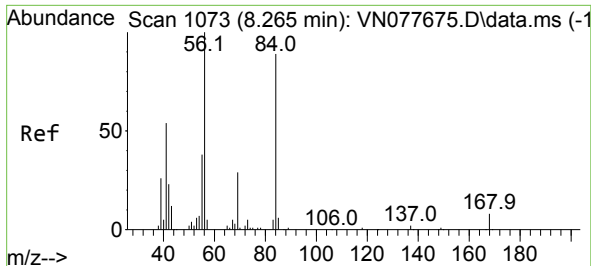
Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

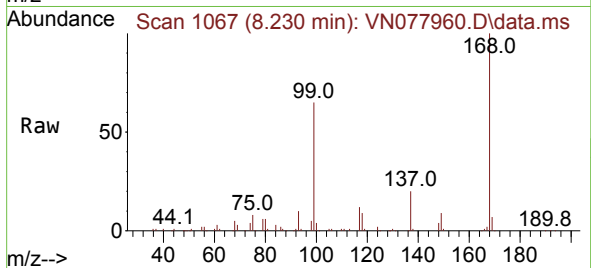
Tgt Ion: 84 Resp: 743
Ion Ratio Lower Upper
84 100
49 45.9 79.7 119.5#
51 0.0 25.2 37.8#
86 41.7 53.3 79.9#



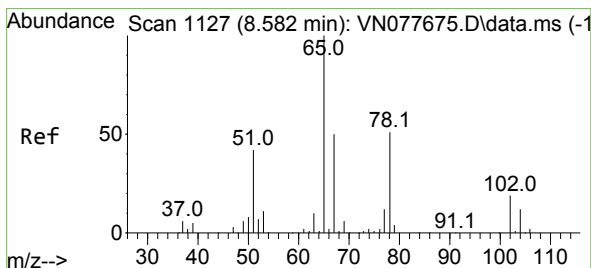
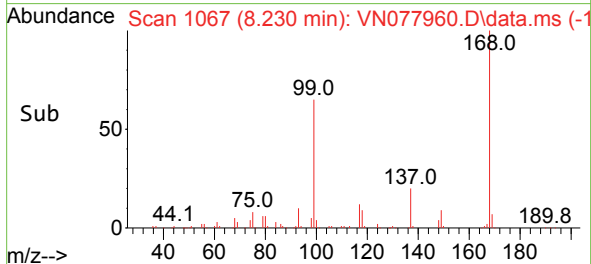
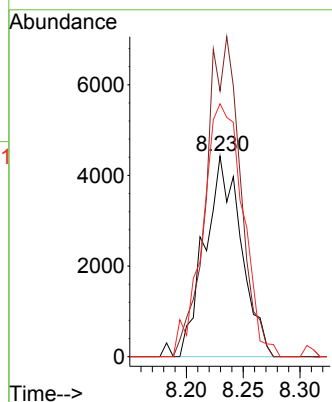


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

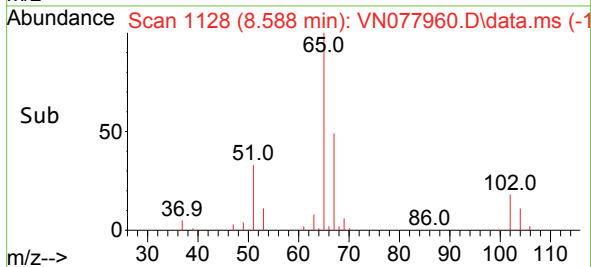
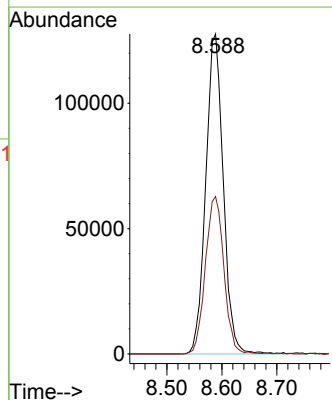
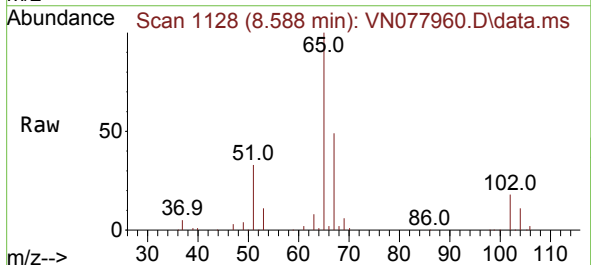


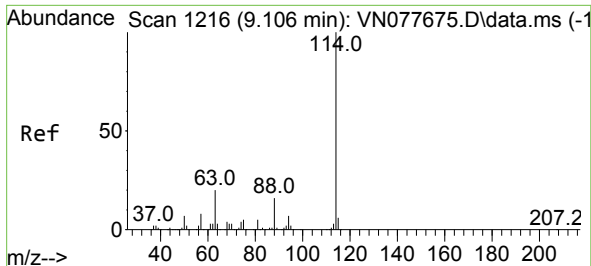
Tgt Ion: 56 Resp: 9859
Ion Ratio Lower Upper
56 100
69 132.5 26.8 40.2#
84 126.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.575 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 65 Resp: 282240
Ion Ratio Lower Upper
65 100
67 52.0 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: VN077960.D

Acq: 30 May 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0530WBL01

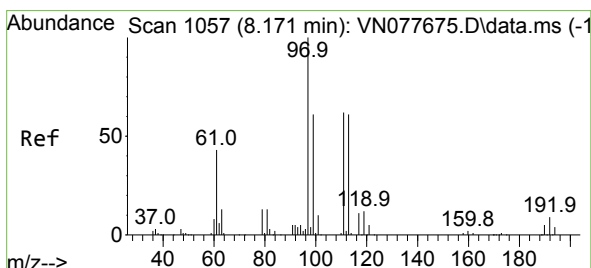
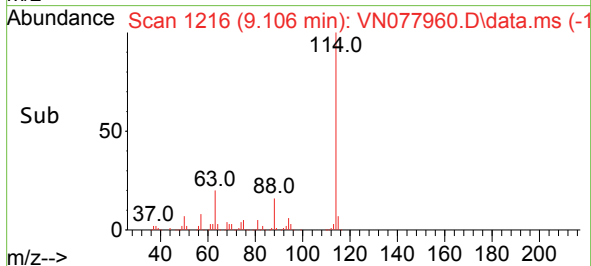
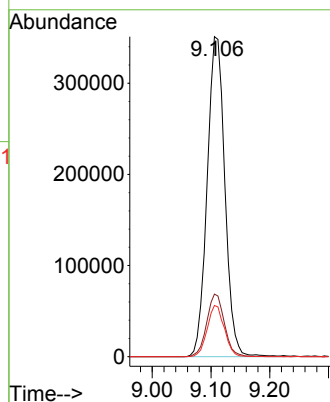
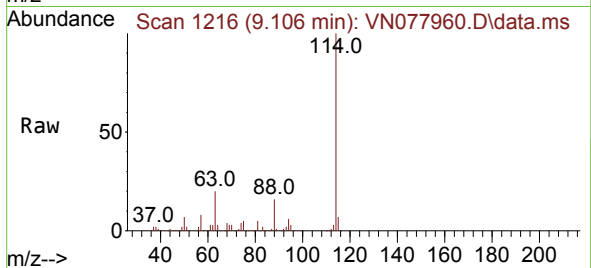
Tgt Ion:114 Resp: 735954

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077960.D

Acq: 30 May 2023 11:16

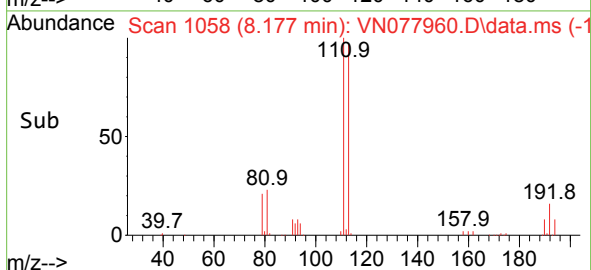
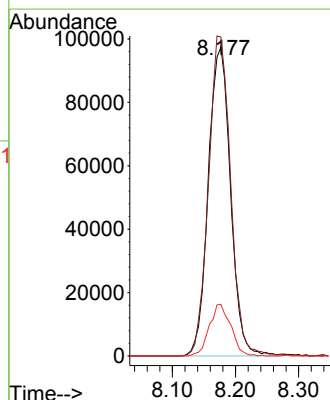
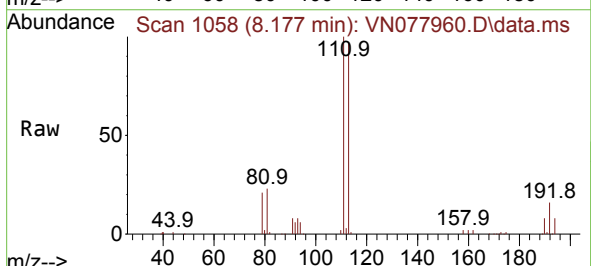
Tgt Ion:113 Resp: 238689

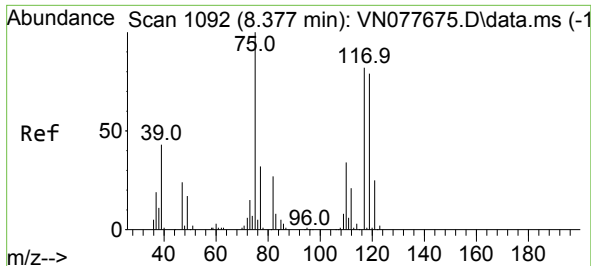
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.2 12.7 19.1

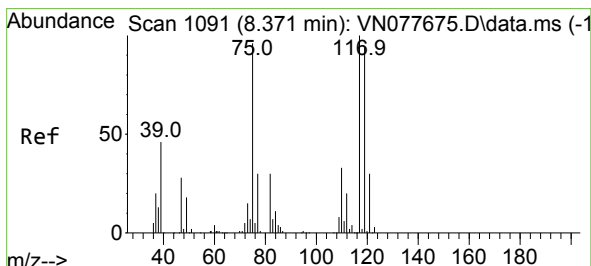
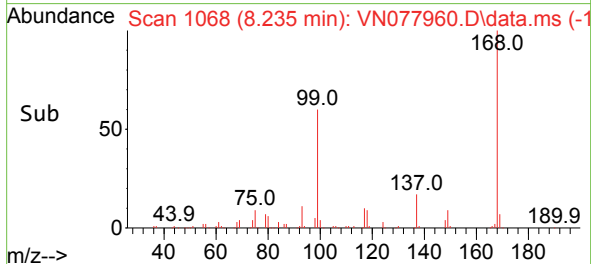
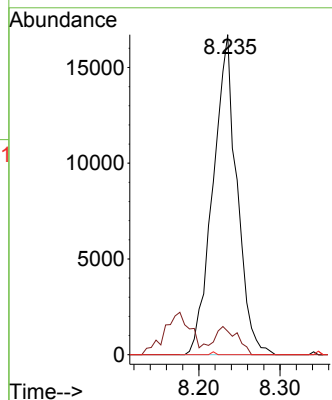
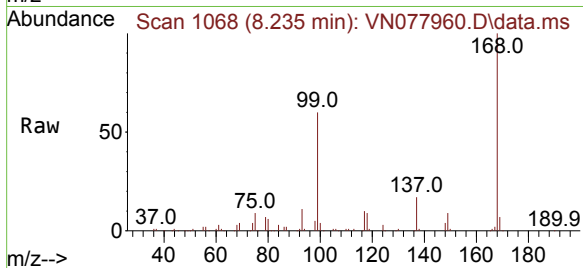




#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

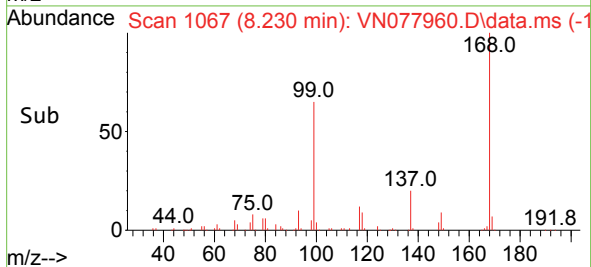
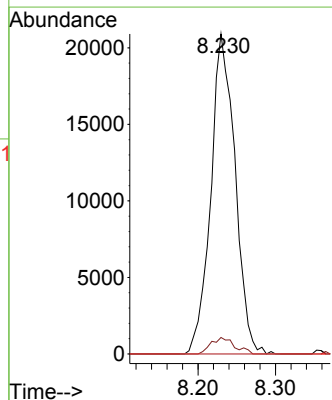
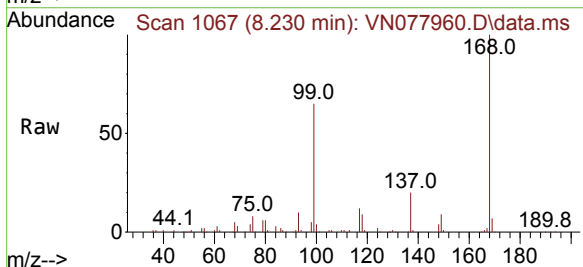
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

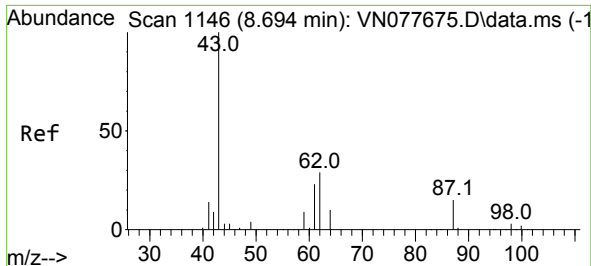
Tgt Ion: 75 Resp: 34284
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.3#
77 0.2 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.418 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 117 Resp: 45495
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 23.3 34.9#

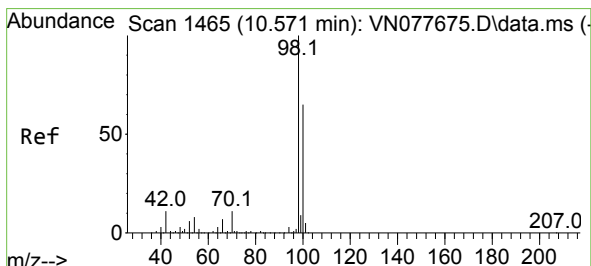
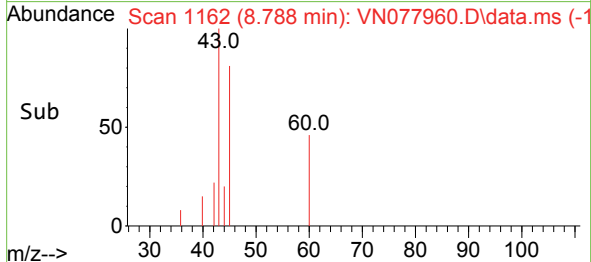
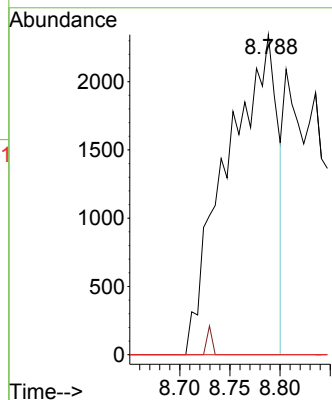
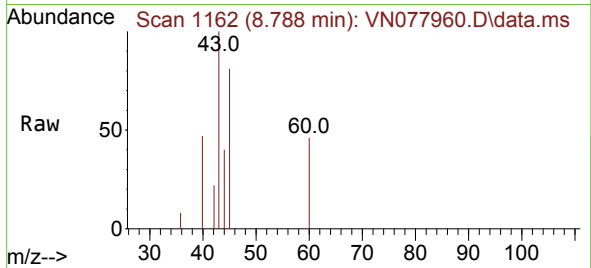




#43
Isopropyl Acetate
Concen: 0.799 ug/l
RT: 8.788 min Scan# 1146
Delta R.T. 0.094 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

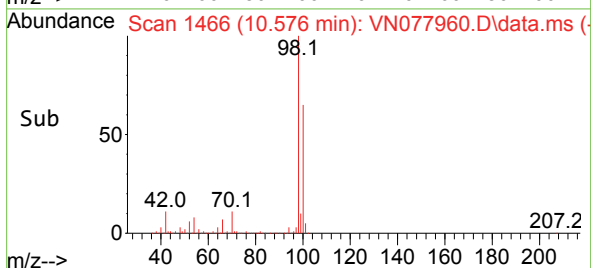
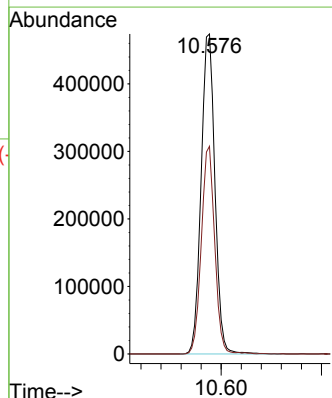
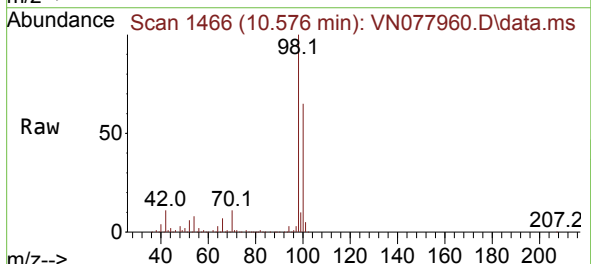
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

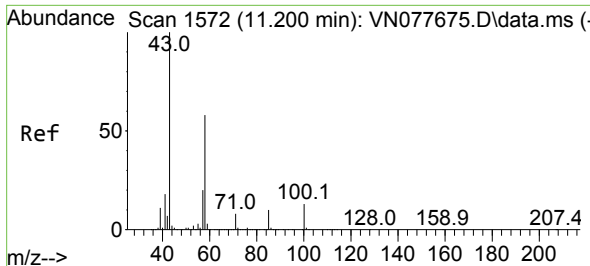
Tgt Ion: 43 Resp: 8170
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.015 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 98 Resp: 905405
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

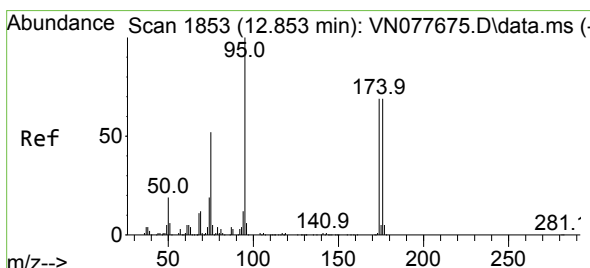
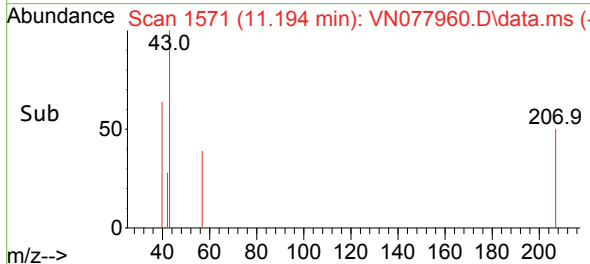
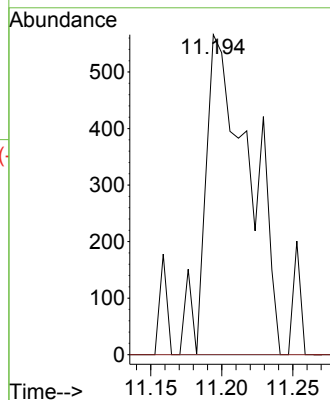
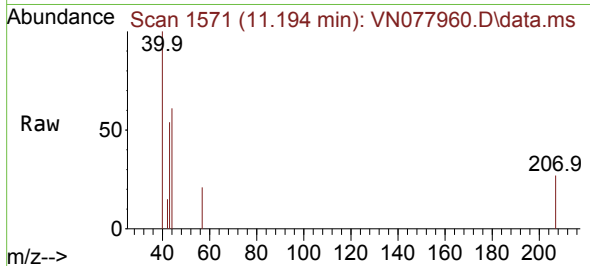




#59
2-Hexanone
Concen: 0.275 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

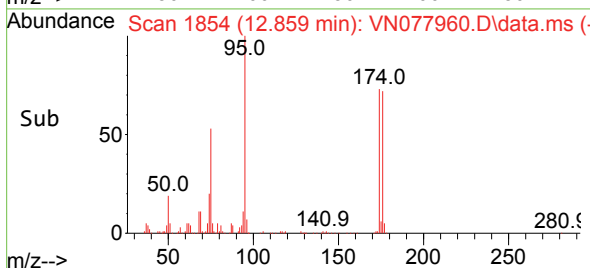
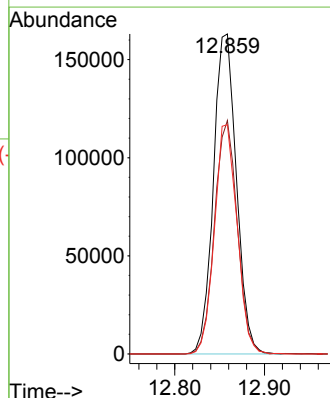
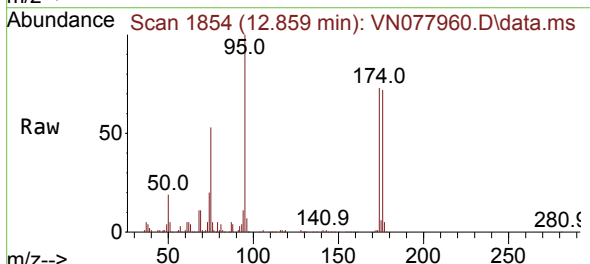
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

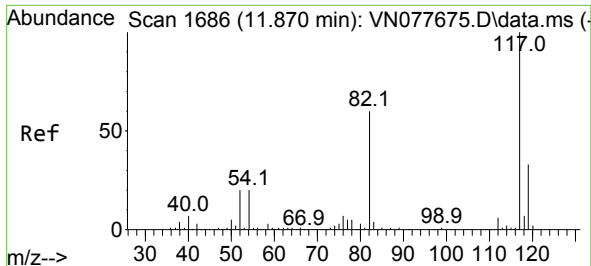
Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 44.536 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion: 95 Resp: 290552
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.5 0.0 135.8

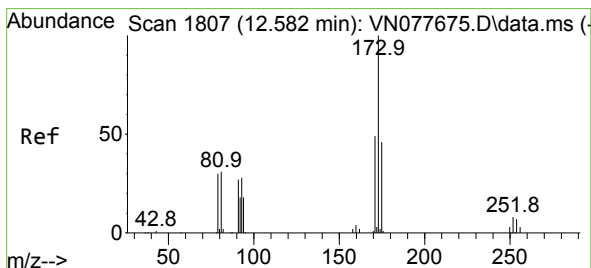
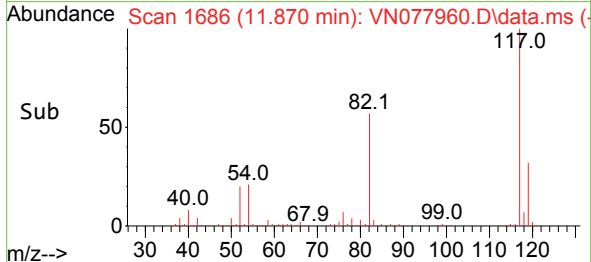
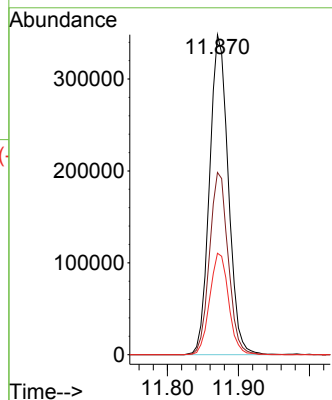
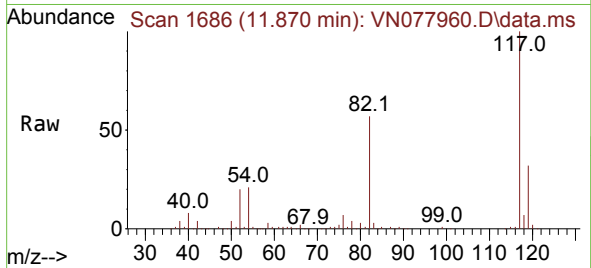




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

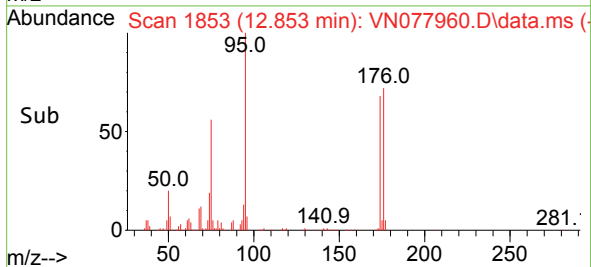
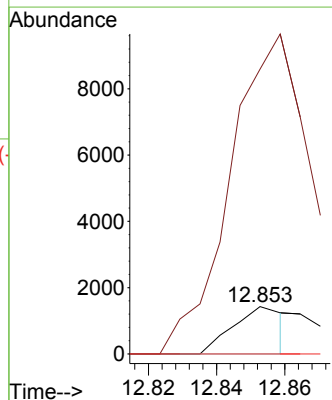
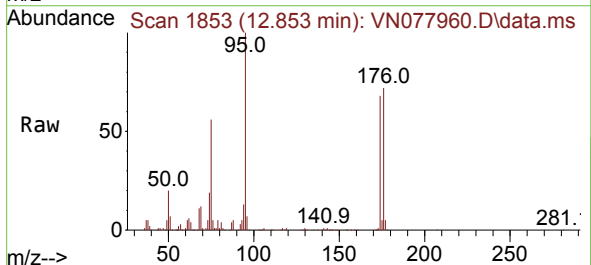
Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01

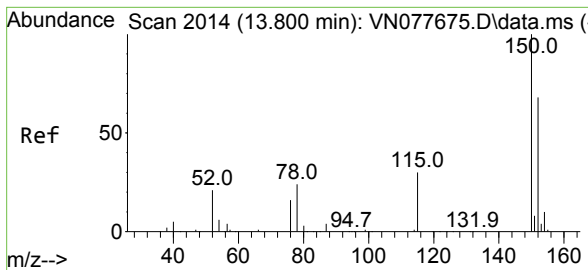
Tgt Ion:117 Resp: 638747
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.7 25.6 38.4



#71
Bromoform
Concen: 0.465 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion:173 Resp: 1482
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

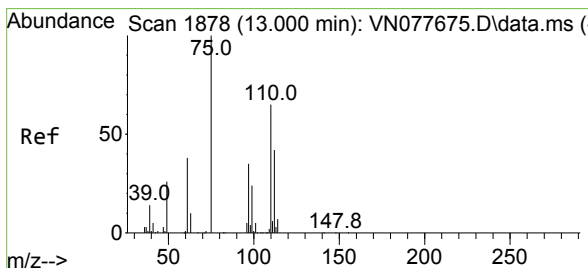
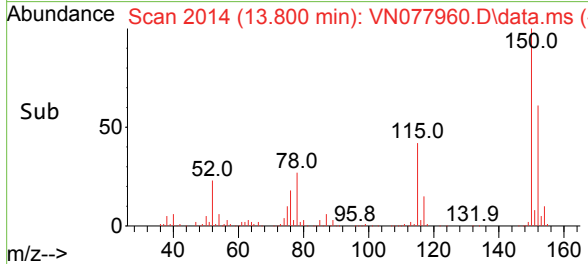
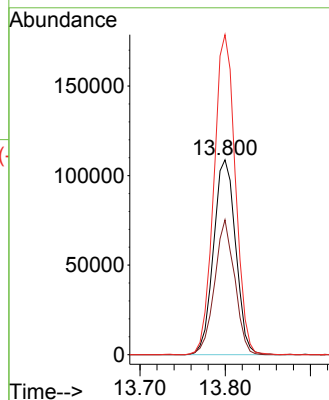
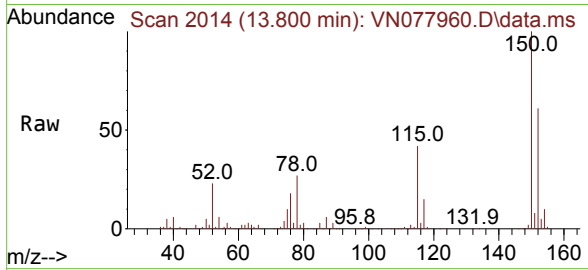




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077960.D
 Acq: 30 May 2023 11:16

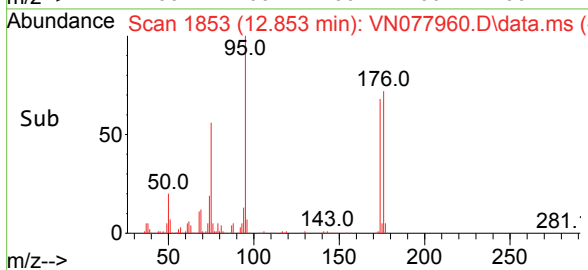
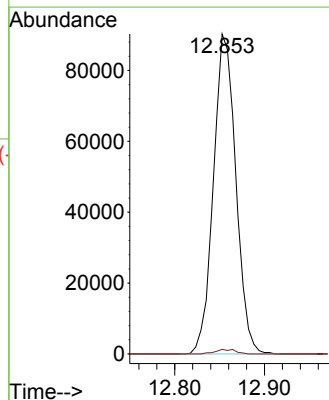
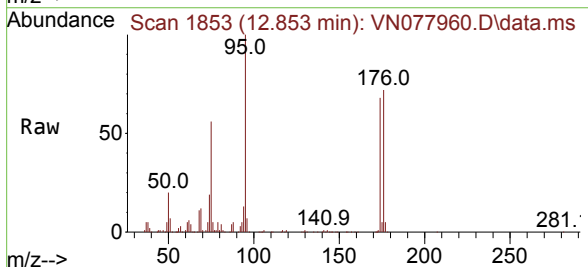
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBL01

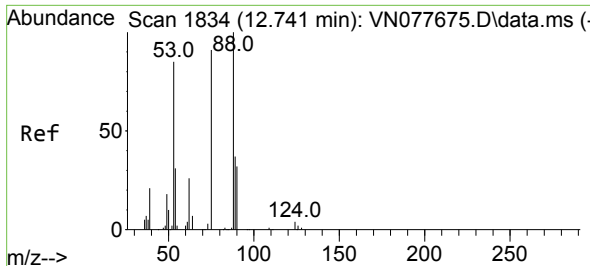
Tgt Ion:152 Resp: 195791
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 159.7 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 31.945 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN077960.D
 Acq: 30 May 2023 11:16

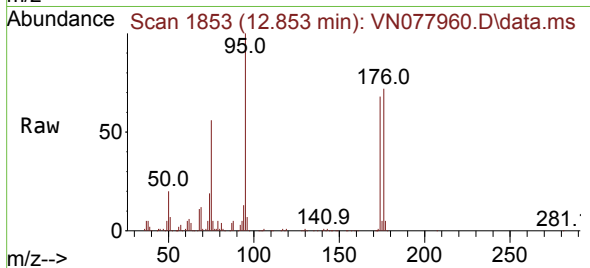
Tgt Ion: 75 Resp: 156636
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#



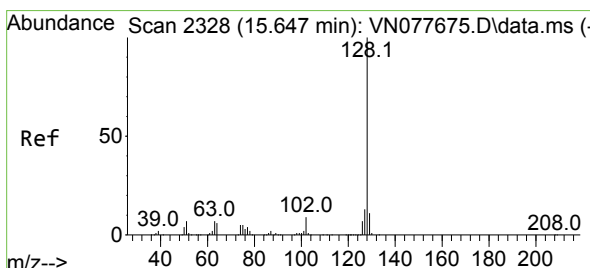
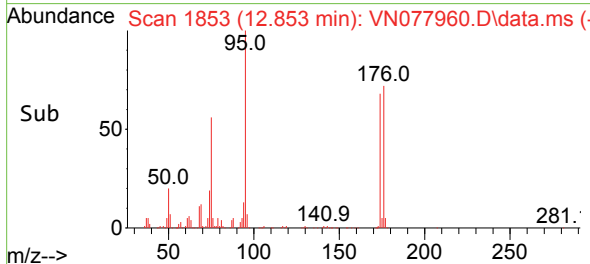
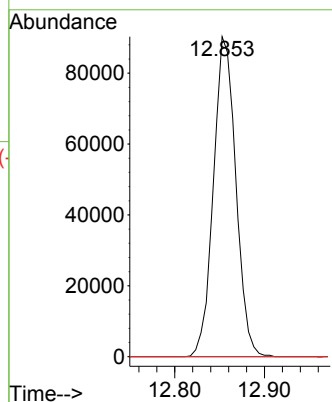


#81
trans-1,4-Dichloro-2-butene
Concen: 102.113 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0530WBL01



Tgt Ion: 75 Resp: 156636
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.285 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077960.D
Acq: 30 May 2023 11:16

Tgt Ion:128 Resp: 3819
Ion Ratio Lower Upper
128 100
127 12.0 10.0 15.0
129 0.0 8.7 13.1#

