

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076312.D
 Acq On : 19 Jan 2023 10:44
 Operator : JC\MD
 Sample : VN0119WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBL01

Quant Time: Jan 20 00:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

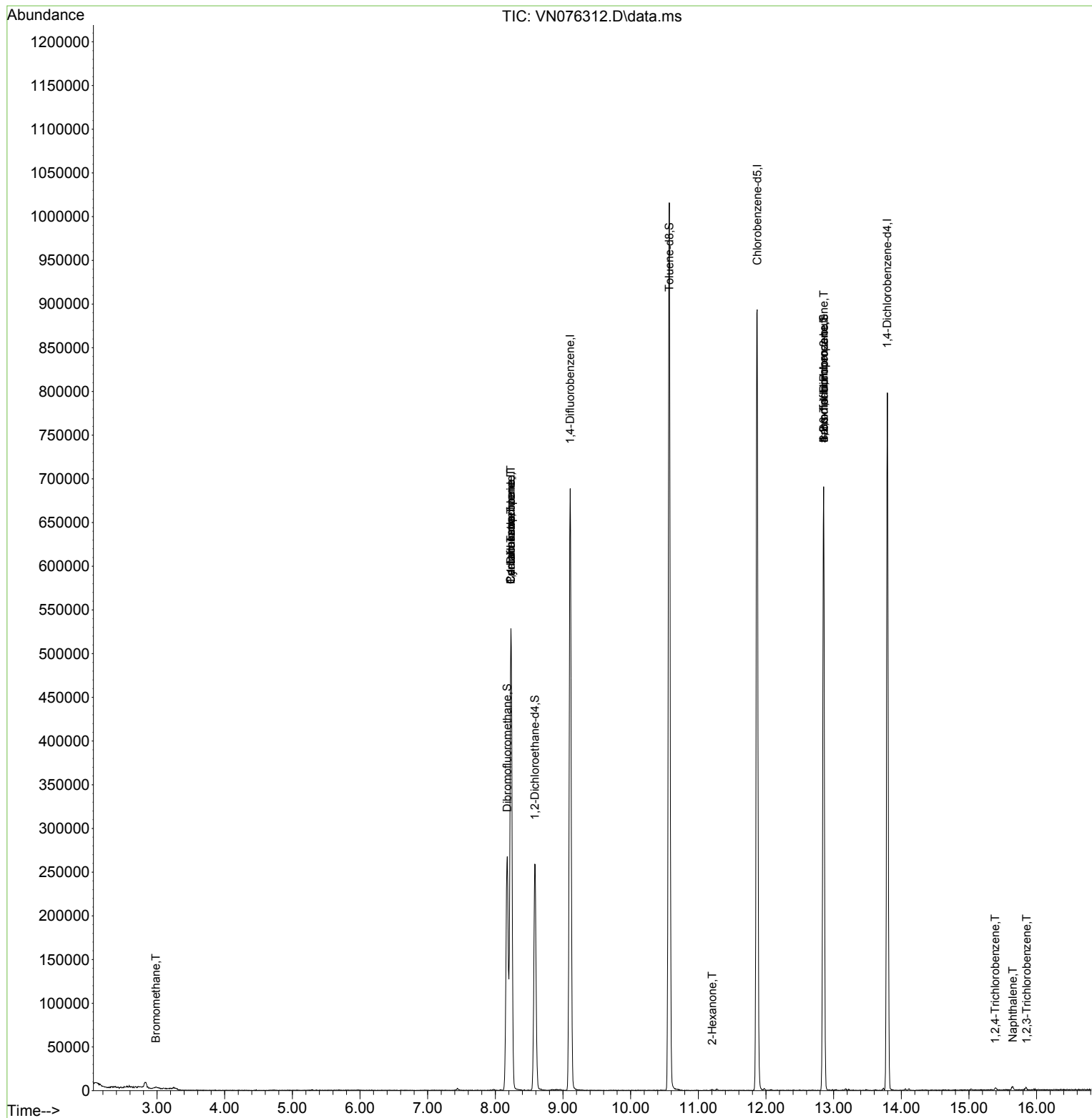
Internal Standards						
1) Pentafluorobenzene	8.229	168	410879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	631358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	554315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213885	46.491	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.980%		
35) Dibromofluoromethane	8.177	113	193451	48.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.960%		
50) Toluene-d8	10.570	98	725987	49.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.853	95	228841	48.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.120%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	889	0.203	ug/l	82
20) Methylene Chloride	5.283	84	218	Below Cal	#	47
31) Cyclohexane	8.229	56	8209	1.162	ug/l #	38
36) 1,1-Dichloropropene	8.229	75	29946	5.336	ug/l #	49
38) Carbon Tetrachloride	8.229	117	39362	6.290	ug/l #	16
59) 2-Hexanone	11.206	43	671	0.215	ug/l	88
71) Bromoform	12.853	173	1647	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	119136	28.795	ug/l #	1
77) Bromobenzene	12.988	156	152	Below Cal		98
81) trans-1,4-Dichloro-2-b...	12.853	75	119136	88.499	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.388	180	1280	1.622	ug/l #	83
95) Naphthalene	15.647	128	4762	2.233	ug/l	96
96) 1,2,3-Trichlorobenzene	15.852	180	1463	1.535	ug/l #	77

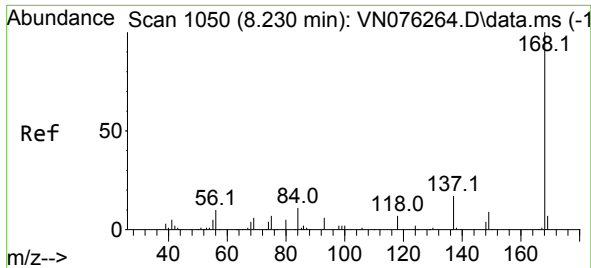
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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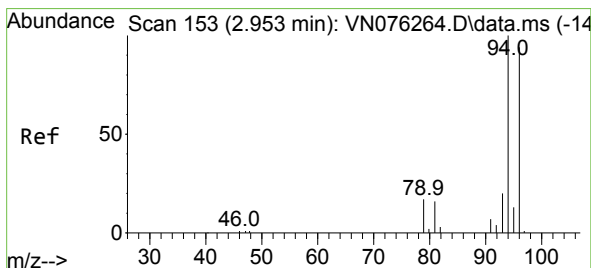
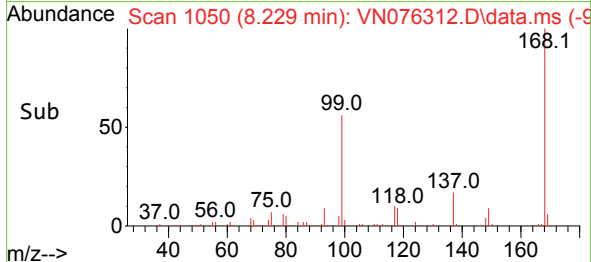
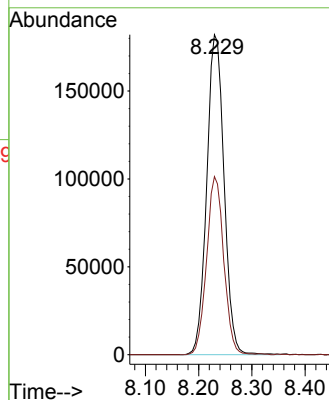
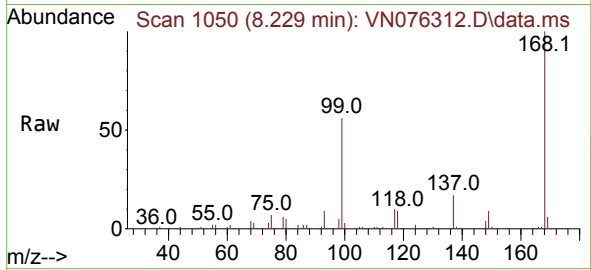




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

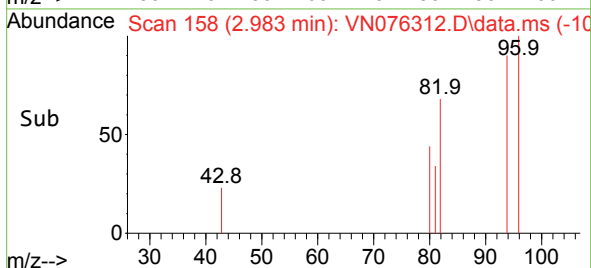
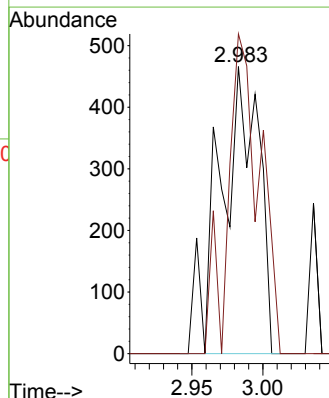
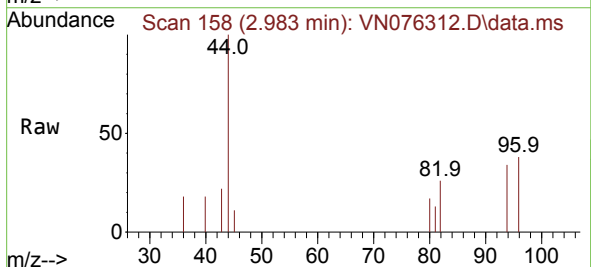
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01

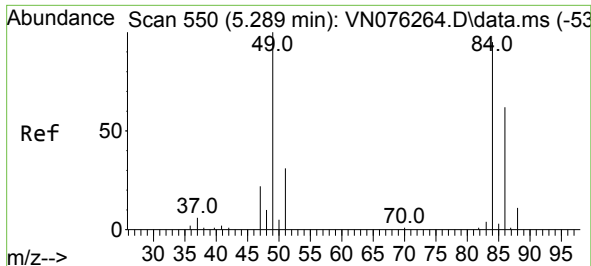
Tgt Ion:168 Resp: 410879
Ion Ratio Lower Upper
168 100
99 55.6 41.6 62.4



#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.983 min Scan# 158
Delta R.T. 0.030 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

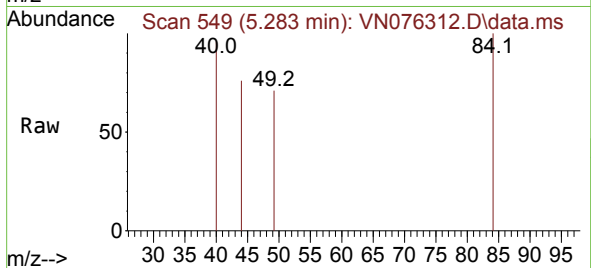
Tgt Ion: 94 Resp: 889
Ion Ratio Lower Upper
94 100
96 111.4 75.1 112.7



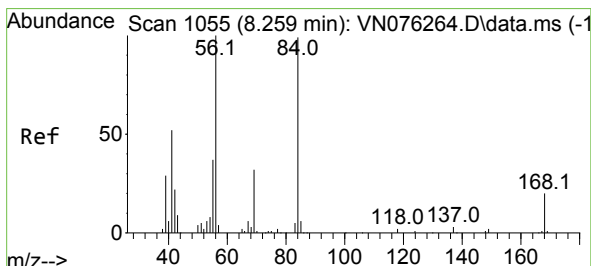
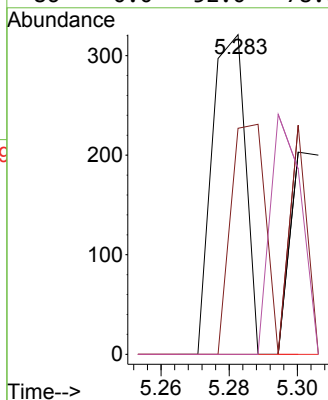
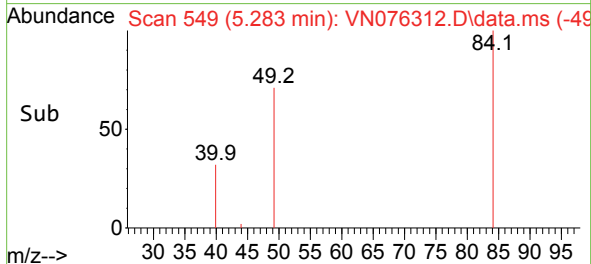


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

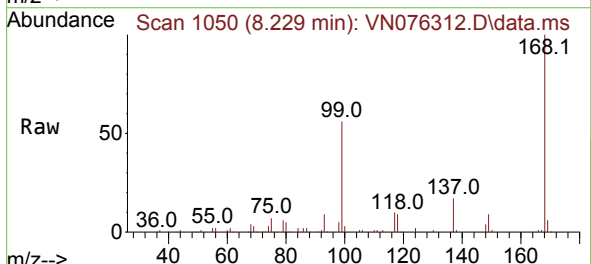
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01



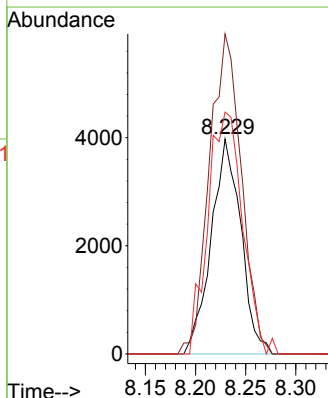
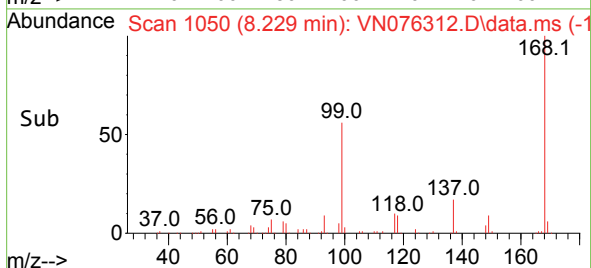
Tgt Ion:	84	Resp:	218
Ion	Ratio	Lower	Upper
84	100		
49	70.7	84.5	126.7#
51	0.0	26.0	39.0#
86	0.0	52.0	78.0#

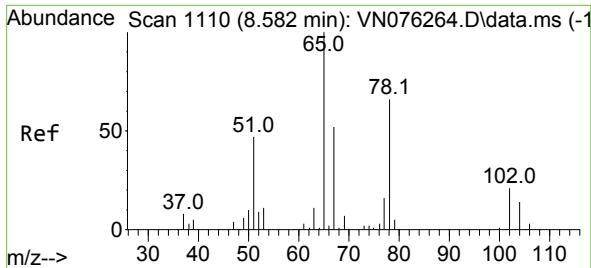


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44



Tgt Ion:	56	Resp:	8209
Ion	Ratio	Lower	Upper
56	100		
69	148.9	25.8	38.8#
84	112.6	79.0	118.4





#33

1,2-Dichloroethane-d4

Concen: 46.491 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076312.D

Acq: 19 Jan 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

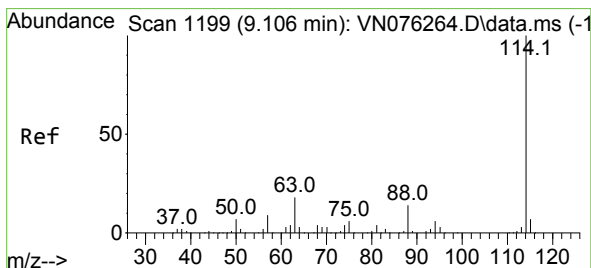
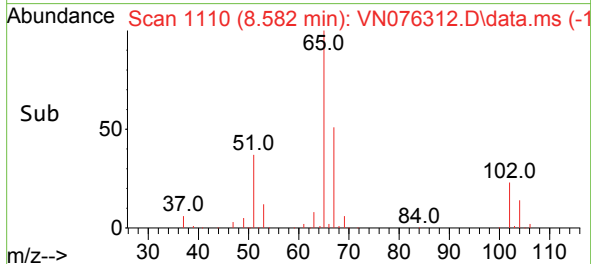
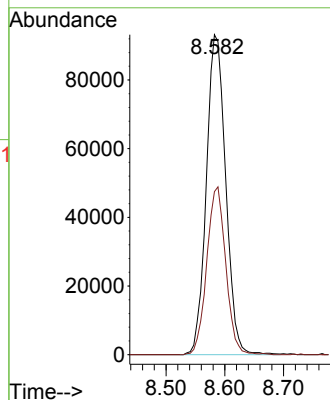
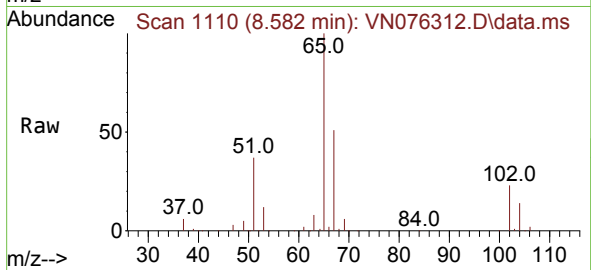
VN0119WBL01

Tgt Ion: 65 Resp: 213885

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076312.D

Acq: 19 Jan 2023 10:44

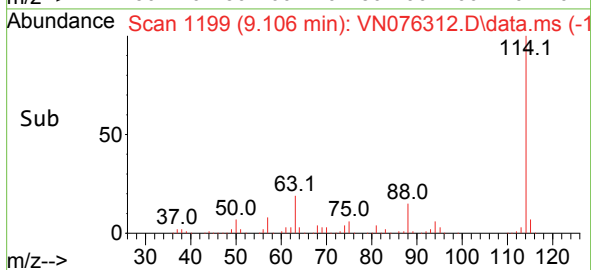
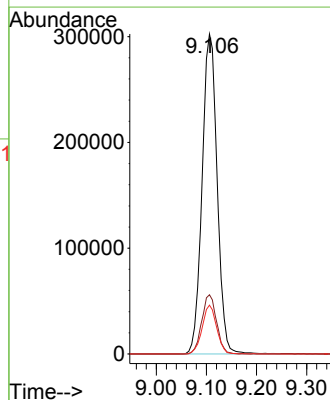
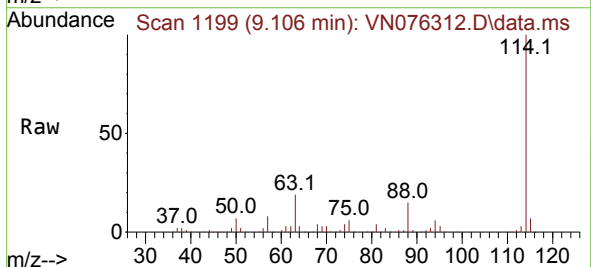
Tgt Ion: 114 Resp: 631358

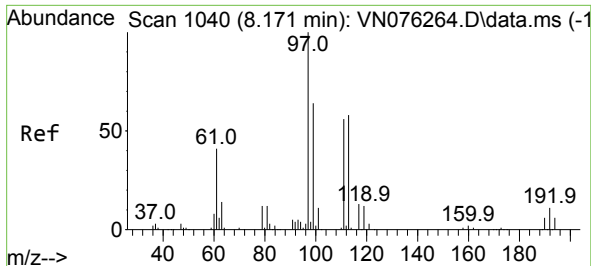
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.8

88 15.3 0.0 28.0

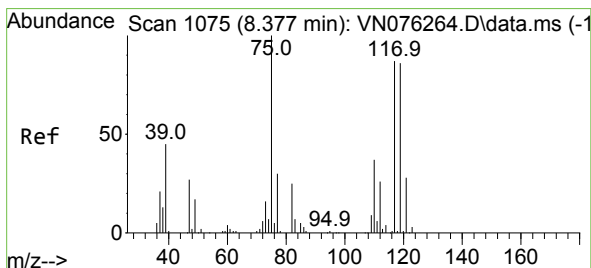
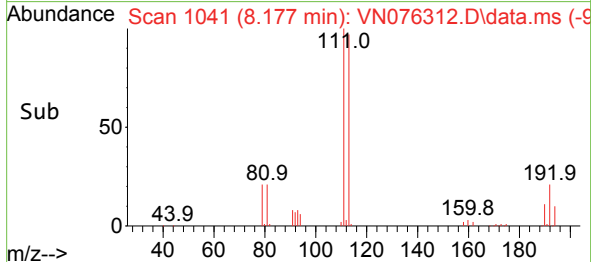
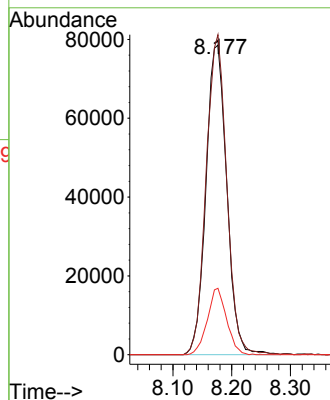
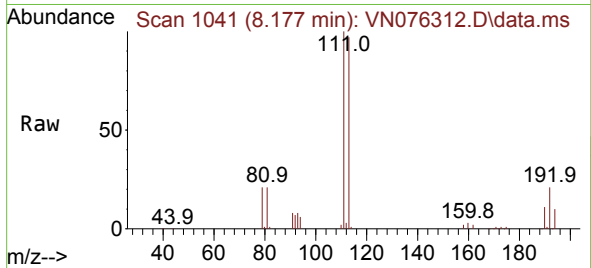




#35
 Dibromofluoromethane
 Concen: 48.982 ug/l
 RT: 8.177 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VN076312.D
 Acq: 19 Jan 2023 10:44

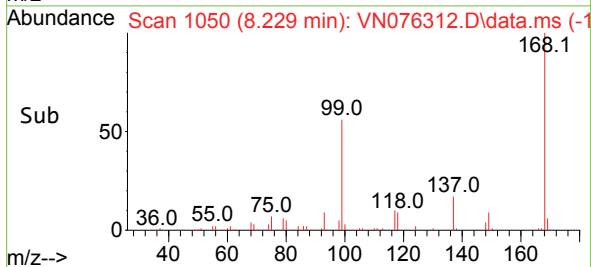
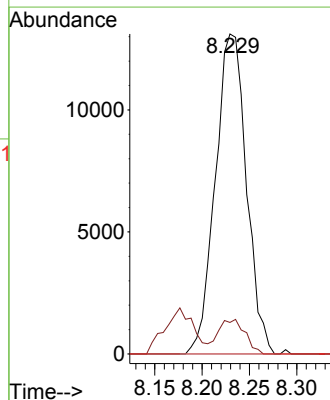
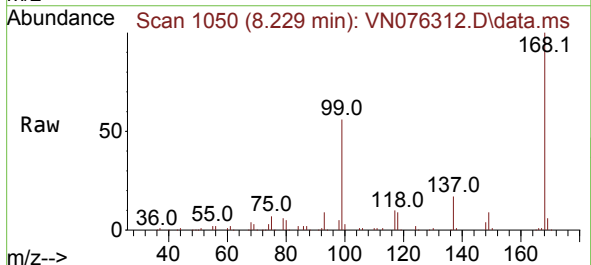
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBL01

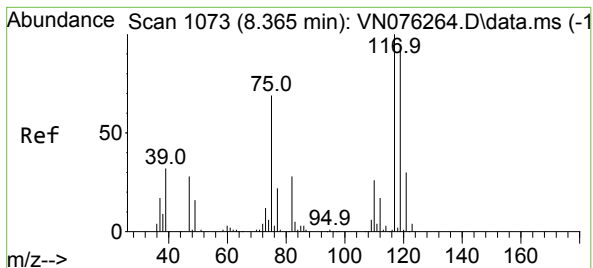
Tgt Ion:113 Resp: 193451
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 19.8 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 5.336 ug/l
 RT: 8.229 min Scan# 1050
 Delta R.T. -0.148 min
 Lab File: VN076312.D
 Acq: 19 Jan 2023 10:44

Tgt Ion: 75 Resp: 29946
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.8 56.3#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.290 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.136 min

Lab File: VN076312.D

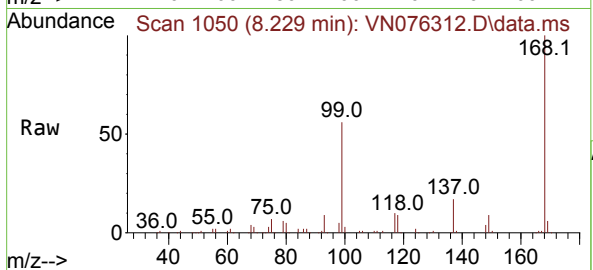
Acq: 19 Jan 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBL01



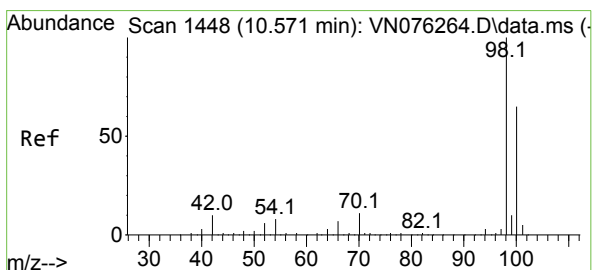
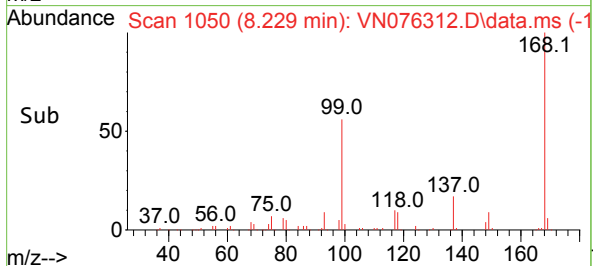
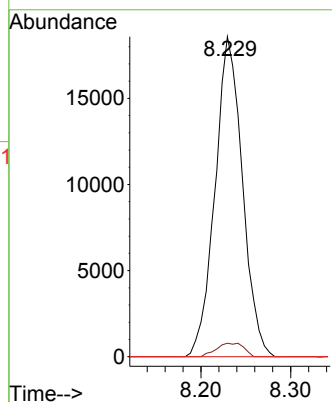
Tgt Ion:117 Resp: 39362

Ion Ratio Lower Upper

117 100

119 4.2 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.774 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076312.D

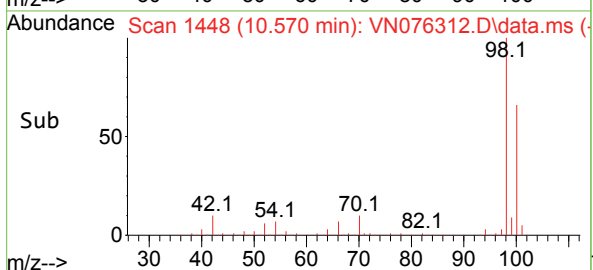
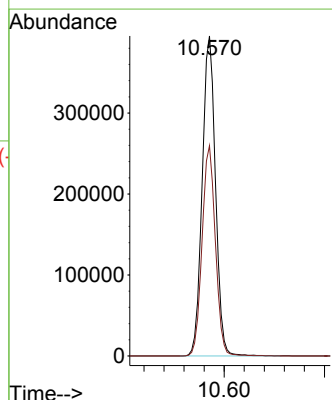
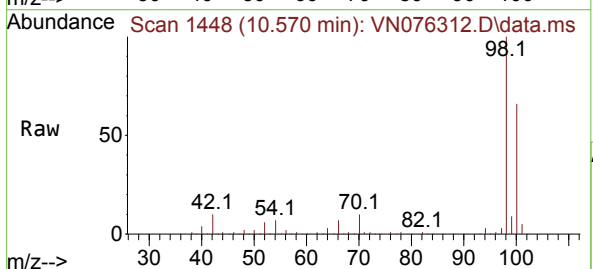
Acq: 19 Jan 2023 10:44

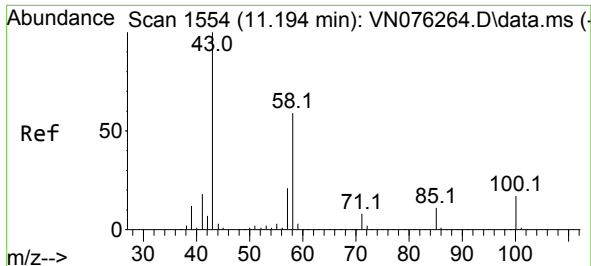
Tgt Ion: 98 Resp: 725987

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4





#59

2-Hexanone

Concen: 0.215 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN076312.D

Acq: 19 Jan 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

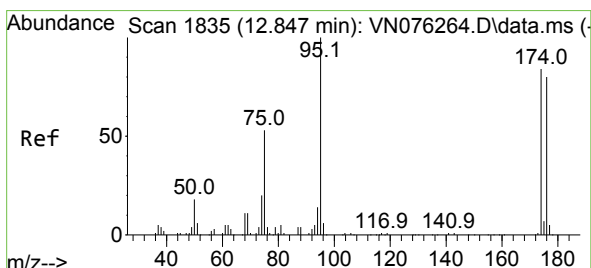
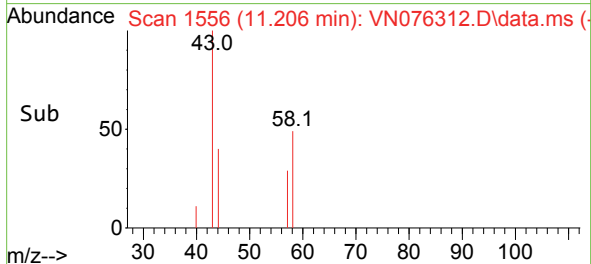
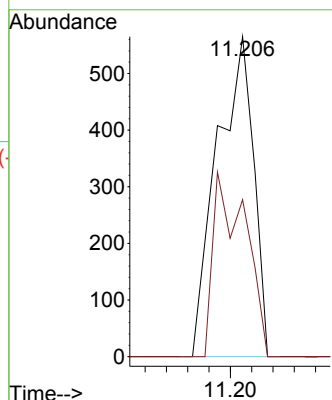
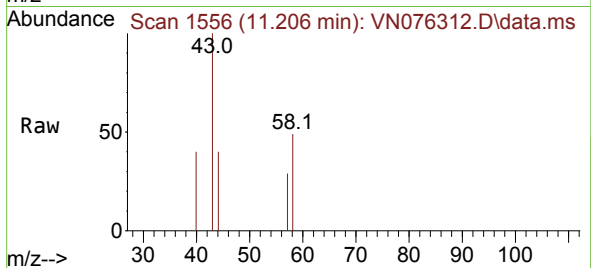
VN0119WBL01

Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

58 51.0 30.1 90.3



#62

4-Bromofluorobenzene

Concen: 48.060 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076312.D

Acq: 19 Jan 2023 10:44

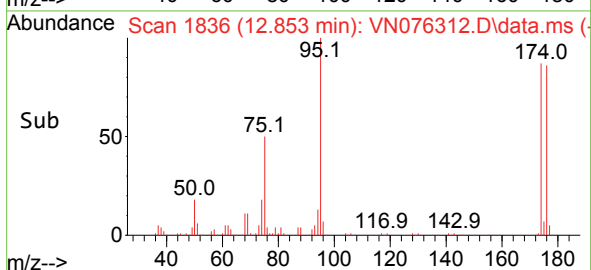
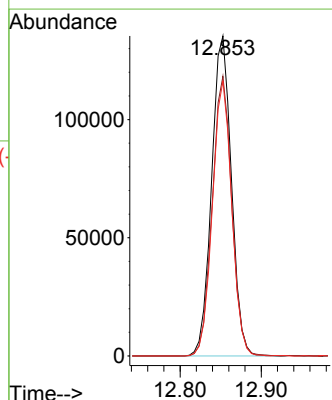
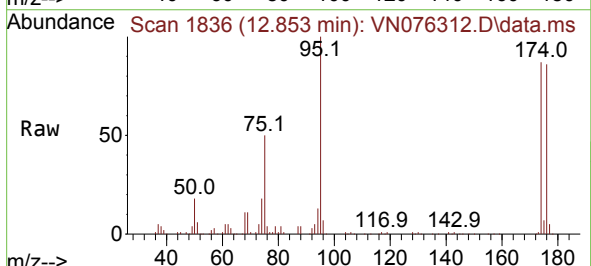
Tgt Ion: 95 Resp: 228841

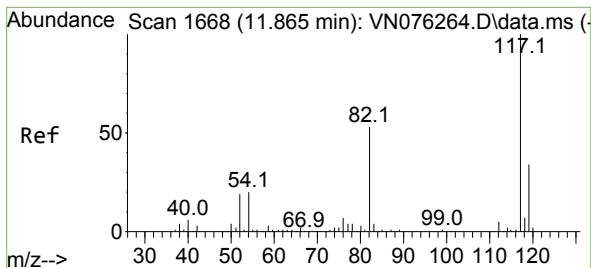
Ion Ratio Lower Upper

95 100

174 86.5 0.0 174.6

176 83.8 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076312.D

Acq: 19 Jan 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBL01

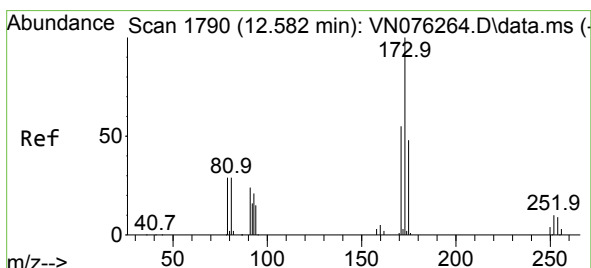
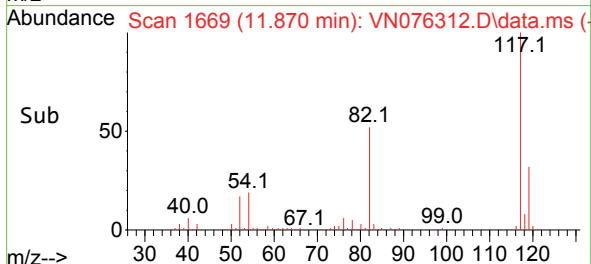
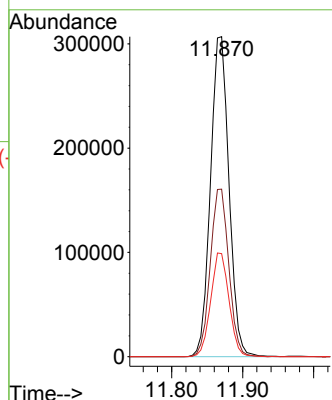
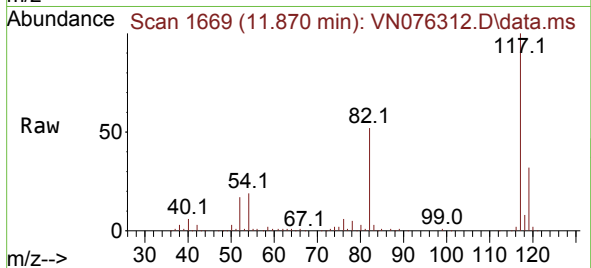
Tgt Ion:117 Resp: 554315

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.2

119 32.2 26.9 40.3



#71

Bromoform

Concen: 0.523 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076312.D

Acq: 19 Jan 2023 10:44

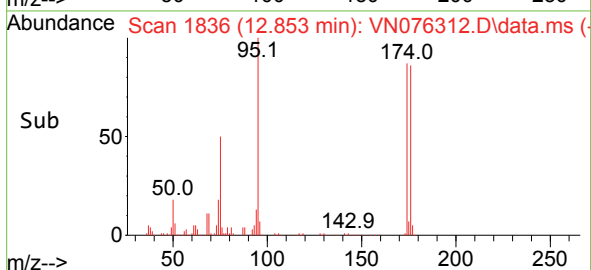
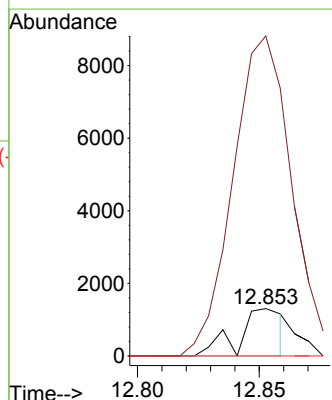
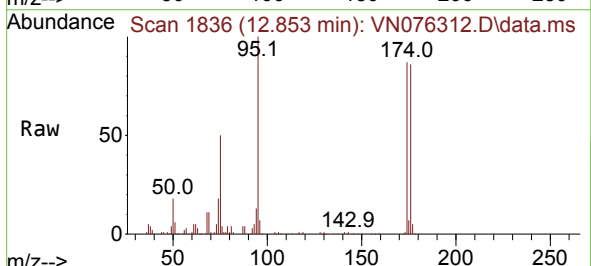
Tgt Ion:173 Resp: 1647

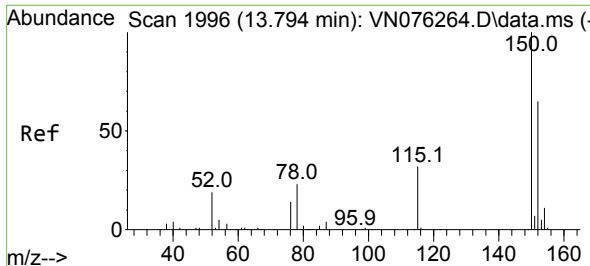
Ion Ratio Lower Upper

173 100

175 743.1 24.1 72.4#

254 0.0 0.0 0.0

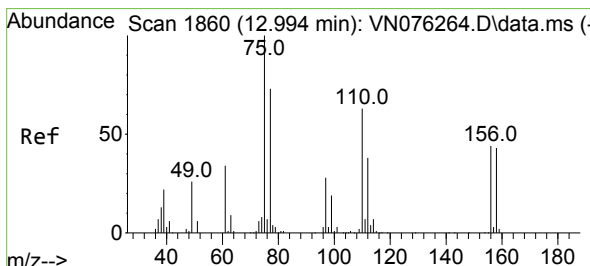
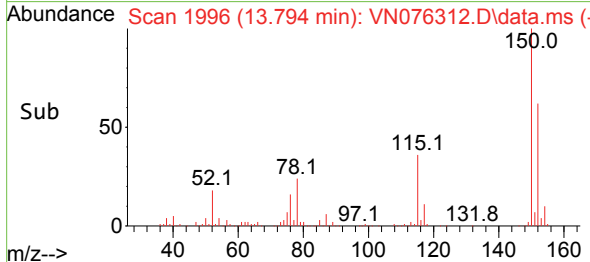
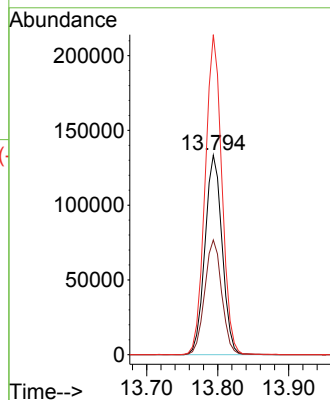
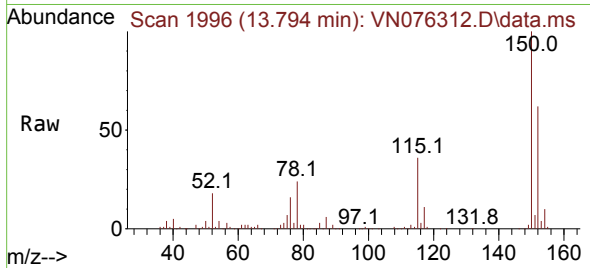




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076312.D
 Acq: 19 Jan 2023 10:44

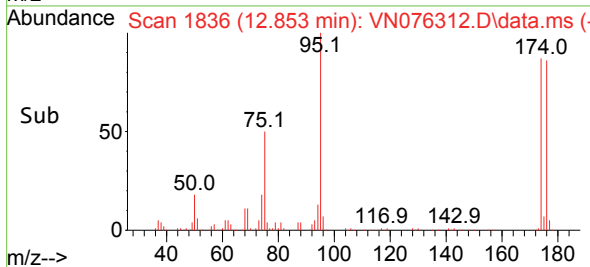
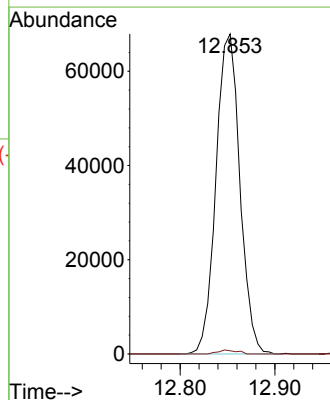
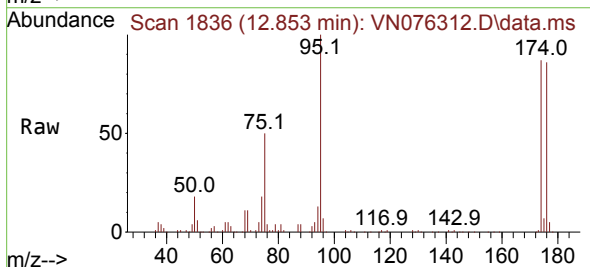
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBL01

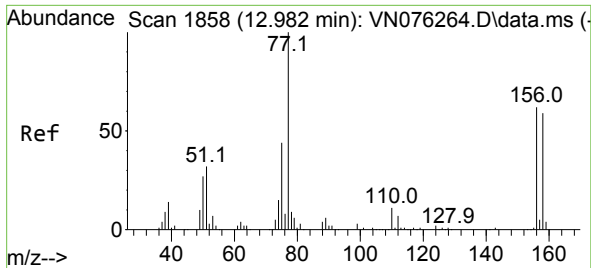
Tgt Ion:152 Resp: 223983
 Ion Ratio Lower Upper
 152 100
 115 57.2 29.6 88.9
 150 156.5 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 28.795 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076312.D
 Acq: 19 Jan 2023 10:44

Tgt Ion: 75 Resp: 119136
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.2 225.6#

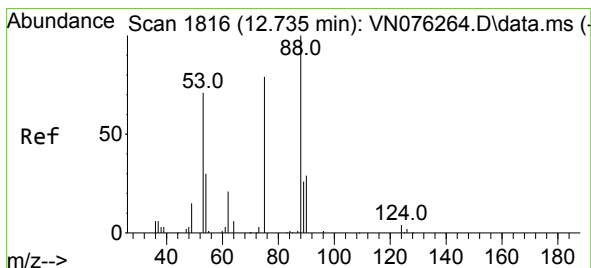
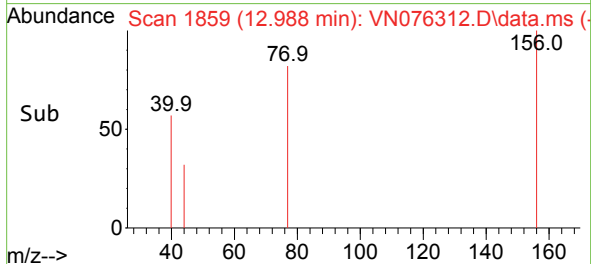
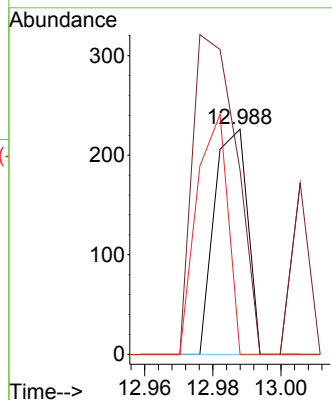
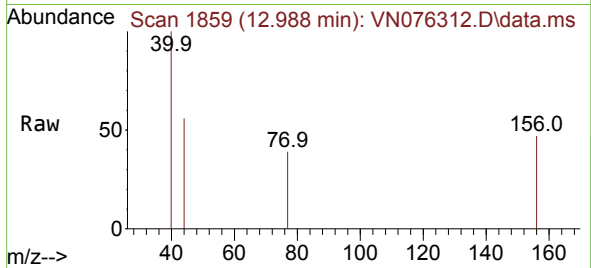




#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

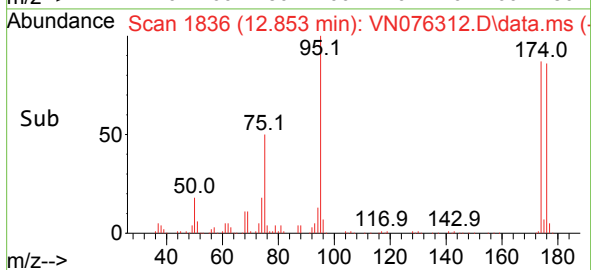
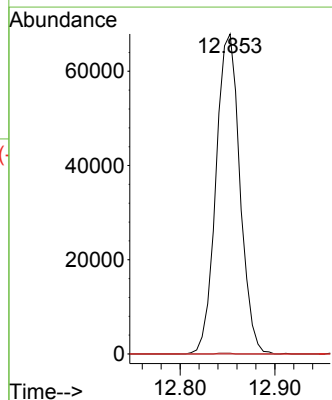
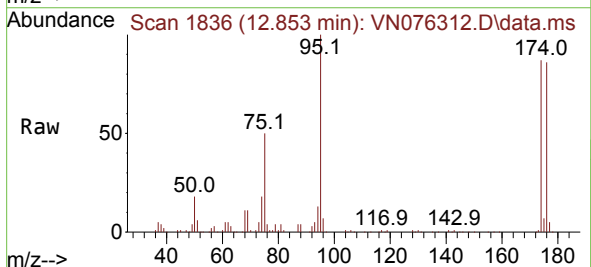
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01

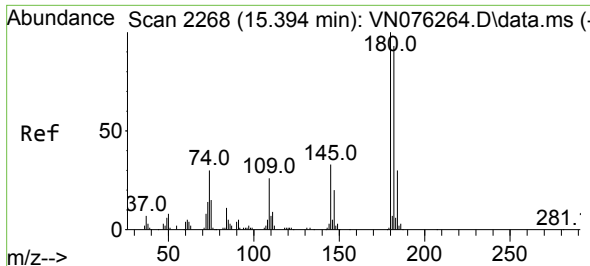
Tgt Ion:156 Resp: 152
Ion Ratio Lower Upper
156 100
77 188.8 93.4 280.2
158 100.0 48.4 145.2



#81
trans-1,4-Dichloro-2-butene
Concen: 88.499 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

Tgt Ion: 75 Resp: 119136
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 37.0 55.6#

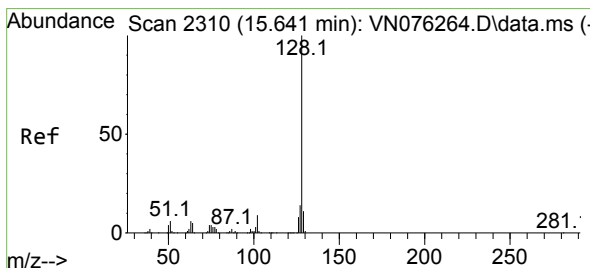
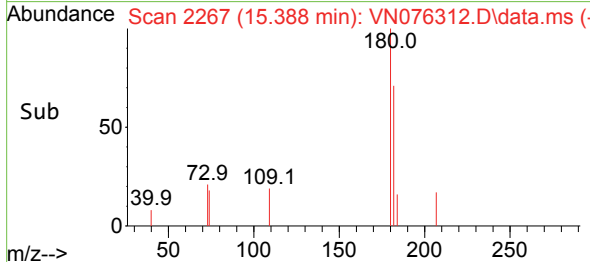
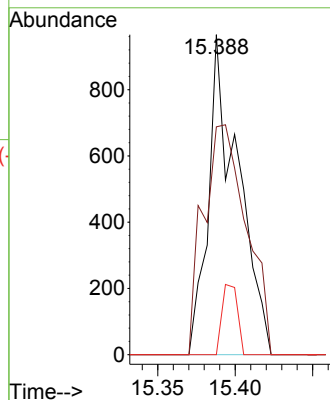
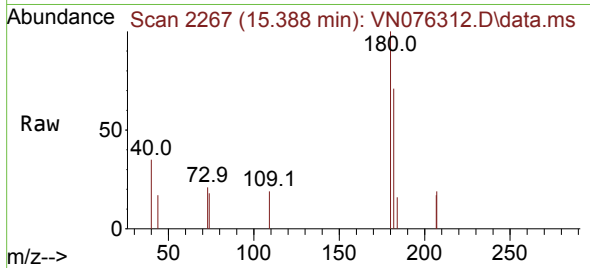




#93
1,2,4-Trichlorobenzene
Concen: 1.622 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

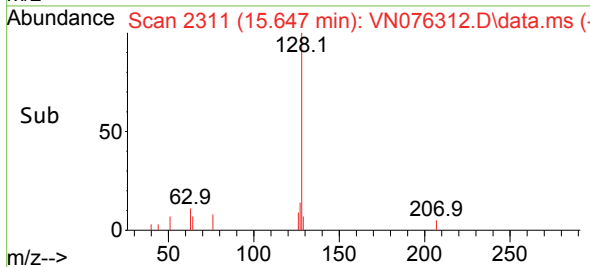
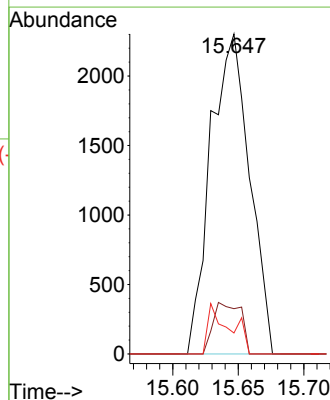
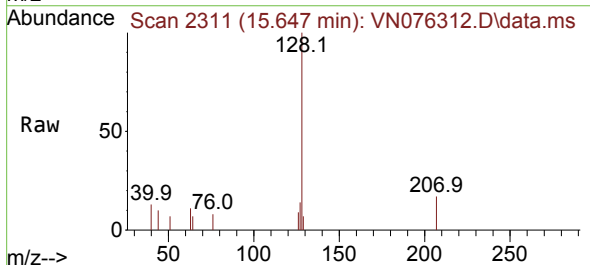
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01

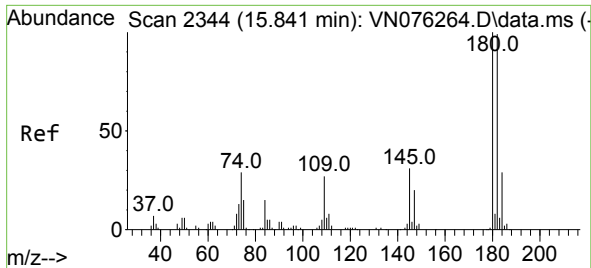
Tgt Ion:180 Resp: 1280
Ion Ratio Lower Upper
180 100
182 104.6 47.0 141.2
145 11.4 15.2 45.5#



#95
Naphthalene
Concen: 2.233 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076312.D
Acq: 19 Jan 2023 10:44

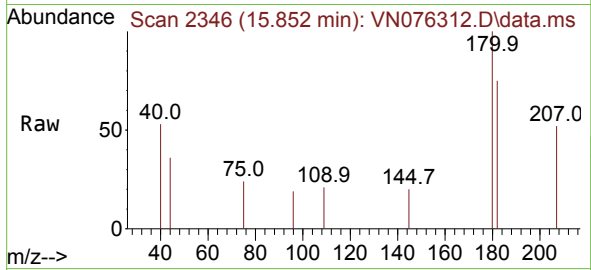
Tgt Ion:128 Resp: 4762
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 8.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.535 ug/l
 RT: 15.852 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN076312.D
 Acq: 19 Jan 2023 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBL01



Tgt Ion:180 Resp: 1463
 Ion Ratio Lower Upper
 180 100
 182 74.8 47.5 142.5
 145 15.2 15.9 47.6#

