

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076331.D
 Acq On : 19 Jan 2023 18:31
 Operator : JC\MD
 Sample : 01236-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1875

Quant Time: Jan 20 01:00:41 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)

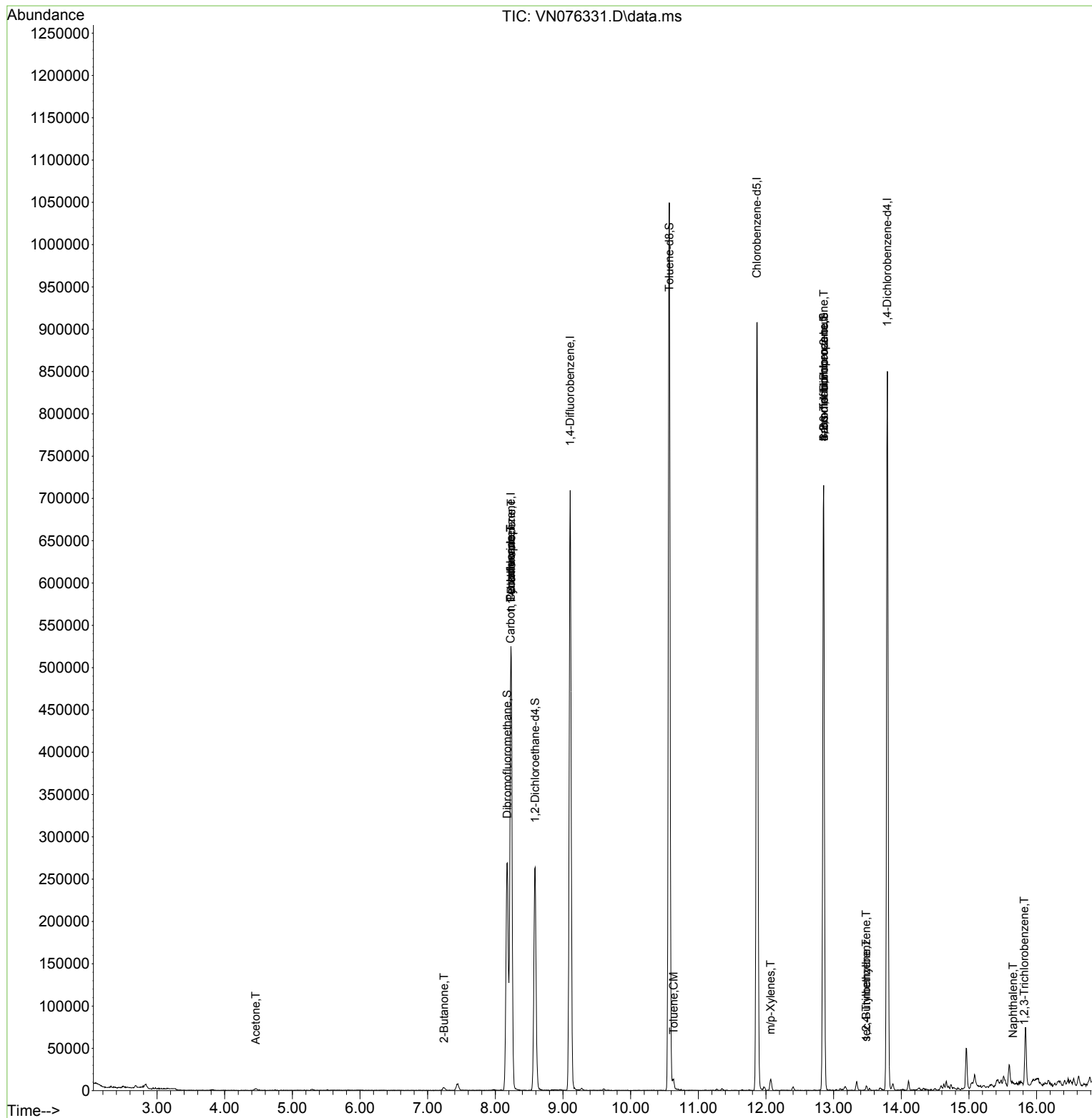
Internal Standards						
1) Pentafluorobenzene	8.230	168	413577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	575081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	217501	46.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.940%		
35) Dibromofluoromethane	8.177	113	196077	48.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.700%		
50) Toluene-d8	10.571	98	746260	49.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.660%		
62) 4-Bromofluorobenzene	12.853	95	237147	48.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.000%		
Target Compounds					Qvalue	
16) Acetone	4.459	43	3877	2.539	ug/l	94
20) Methylene Chloride	5.277	84	583	Below Cal	#	50
25) 2-Butanone	7.242	43	1797	0.793	ug/l #	36
31) Cyclohexane	8.230	56	7995	1.124	ug/l #	4
36) 1,1-Dichloropropene	8.236	75	29033	5.038	ug/l #	49
38) Carbon Tetrachloride	8.224	117	40104	6.240	ug/l #	16
52) Toluene	10.635	92	4515	0.392	ug/l	82
68) m/p-Xylenes	12.071	106	4483	0.537	ug/l	98
71) Bromoform	12.853	173	1771	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	124328	28.501	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	124328	87.624	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.482	105	3942	0.257	ug/l	94
85) sec-Butylbenzene	13.482	105	3942	0.209	ug/l #	56
95) Naphthalene	15.653	128	4516	2.194	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.817	180	81	1.174	ug/l #	1

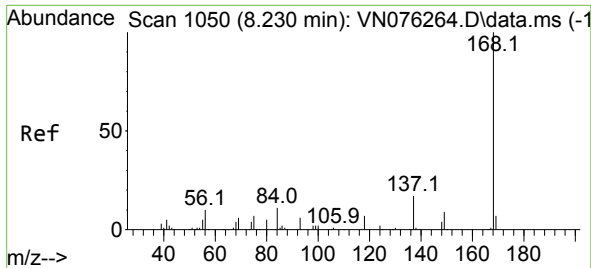
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
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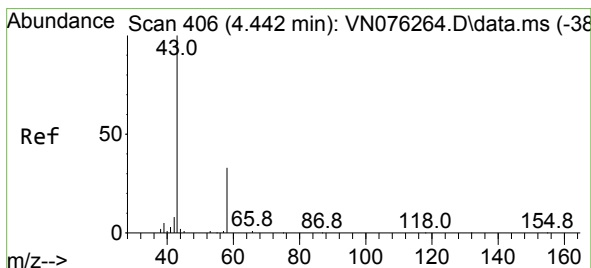
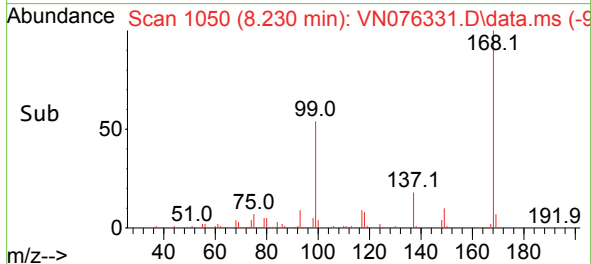
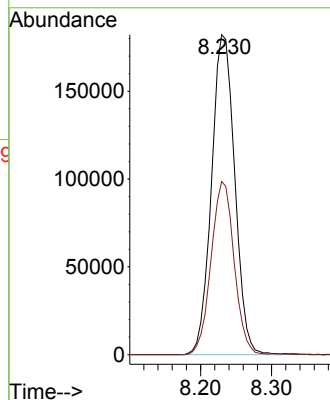
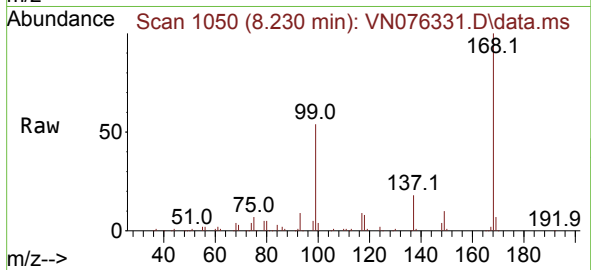




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

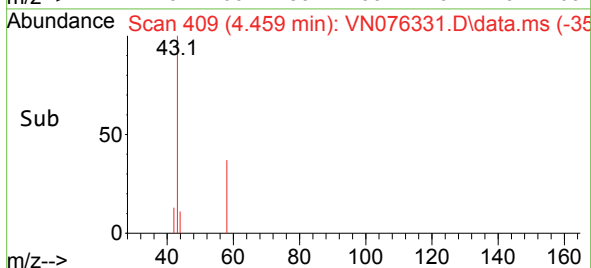
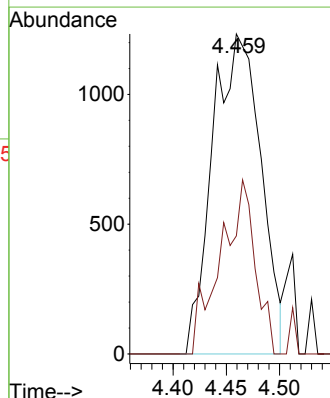
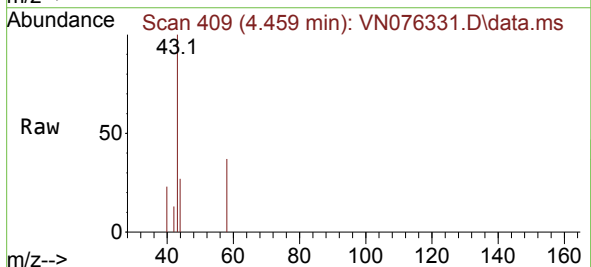
Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

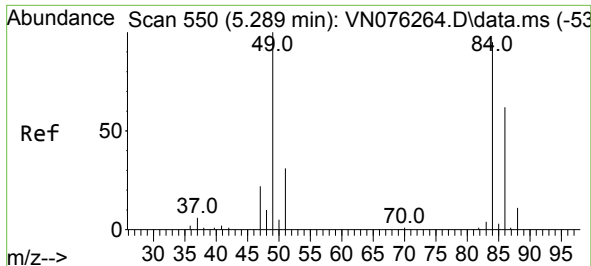
Tgt Ion:168 Resp: 413577
Ion Ratio Lower Upper
168 100
99 54.2 41.6 62.4



#16
Acetone
Concen: 2.539 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

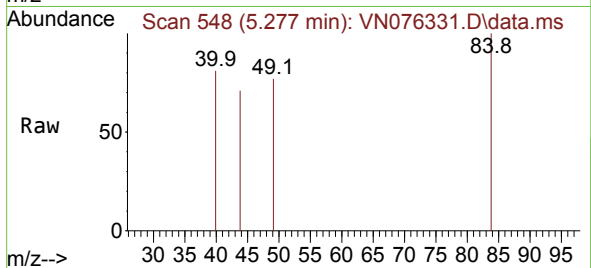
Tgt Ion: 43 Resp: 3877
Ion Ratio Lower Upper
43 100
58 36.9 26.7 40.1



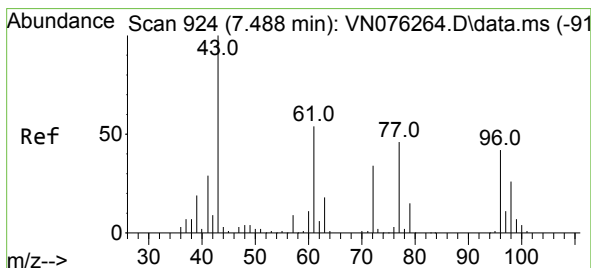
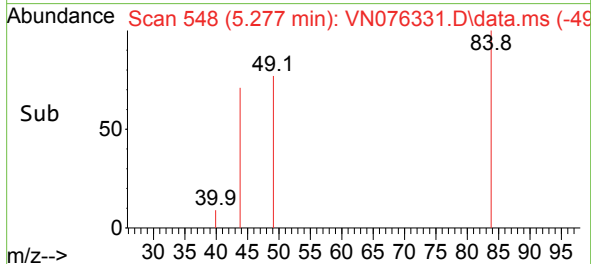
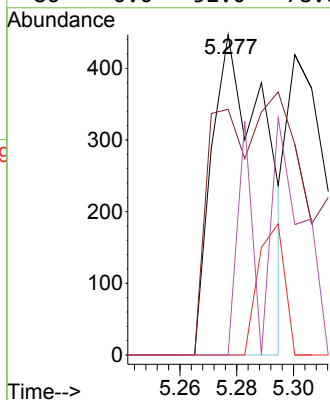


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

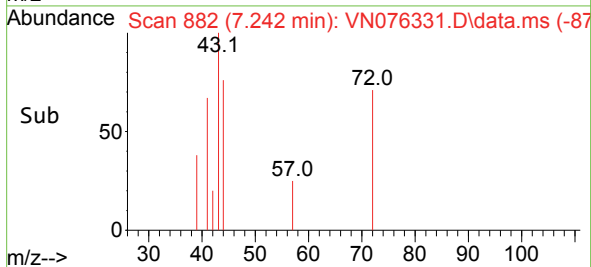
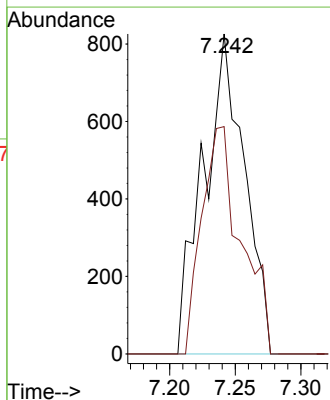
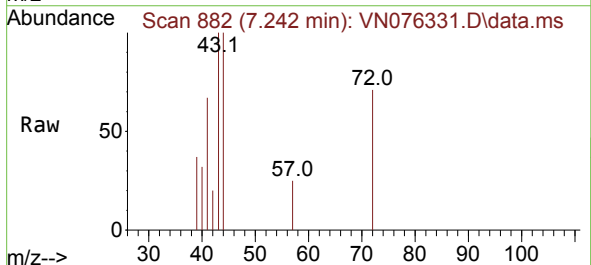


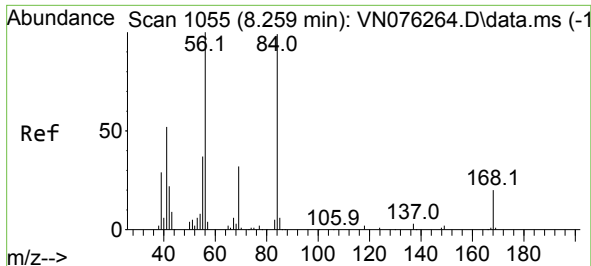
Tgt Ion: 84	Resp: 583
Ion Ratio	Lower Upper
84 100	
49 76.7	84.5 126.7#
51 0.0	26.0 39.0#
86 0.0	52.0 78.0#



#25
2-Butanone
Concen: 0.793 ug/l
RT: 7.242 min Scan# 882
Delta R.T. -0.247 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 43	Resp: 1797
Ion Ratio	Lower Upper
43 100	
72 71.1	27.4 41.2#

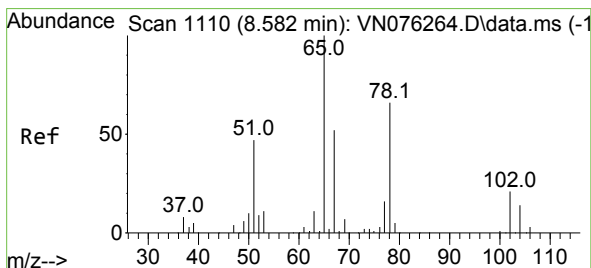
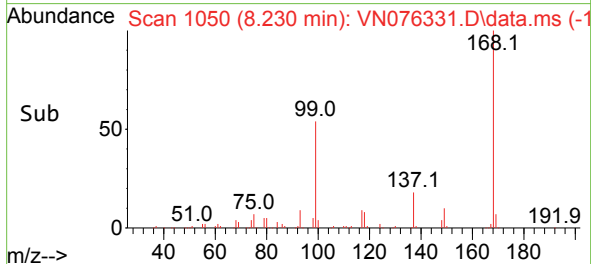
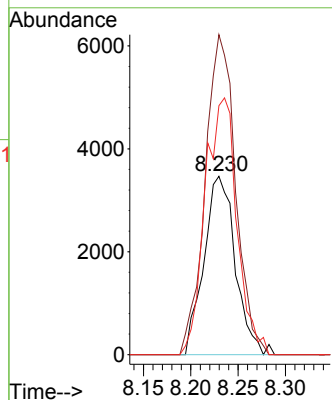
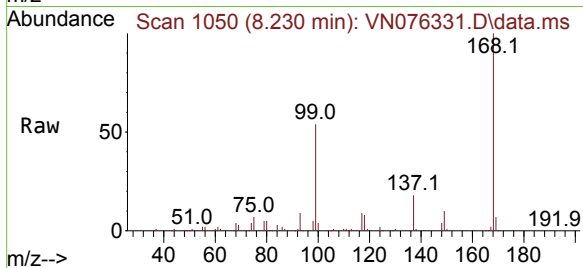




#31
Cyclohexane
Concen: 1.124 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

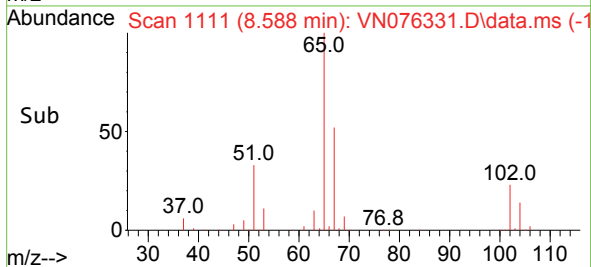
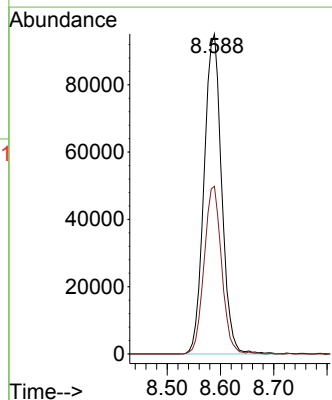
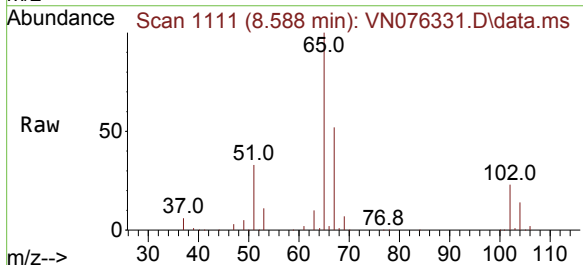
Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

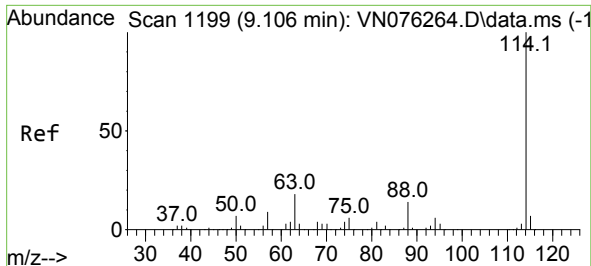
Tgt Ion: 56 Resp: 7995
Ion Ratio Lower Upper
56 100
69 179.3 25.8 38.8#
84 139.5 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 46.969 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 65 Resp: 217501
Ion Ratio Lower Upper
65 100
67 52.1 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: VN076331.D

Acq: 19 Jan 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

NWB-1875

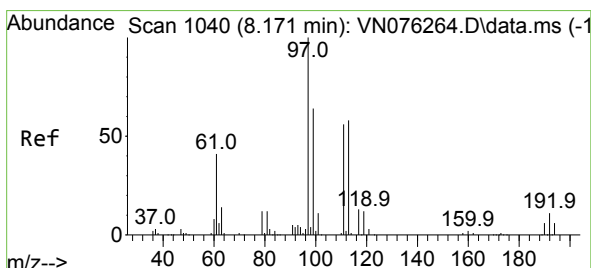
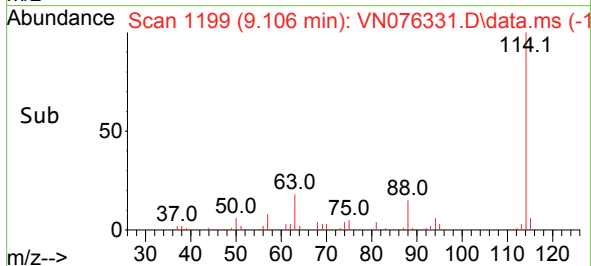
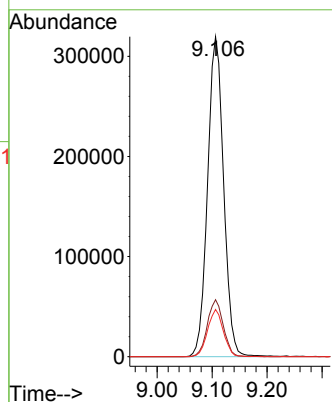
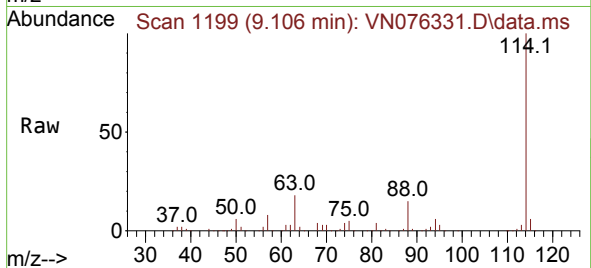
Tgt Ion:114 Resp: 648325

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 14.7 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.348 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076331.D

Acq: 19 Jan 2023 18:31

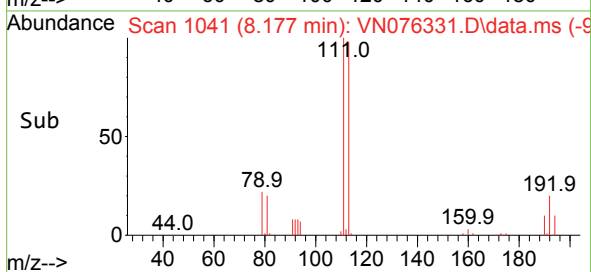
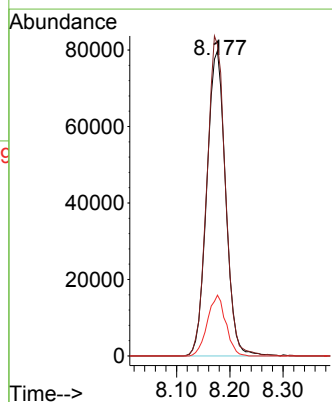
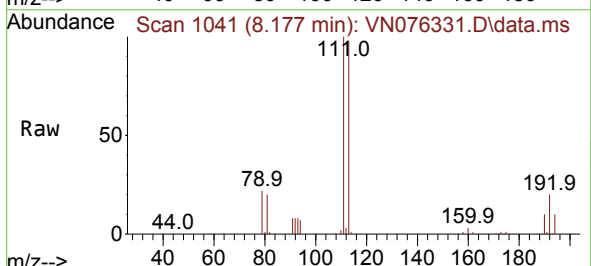
Tgt Ion:113 Resp: 196077

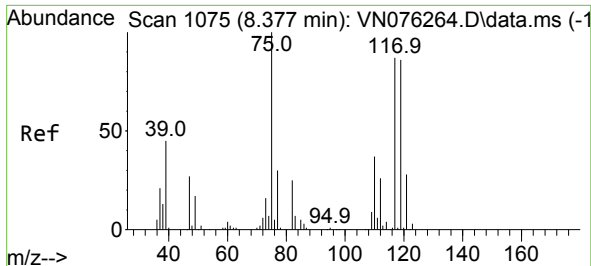
Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 19.5 15.6 23.4

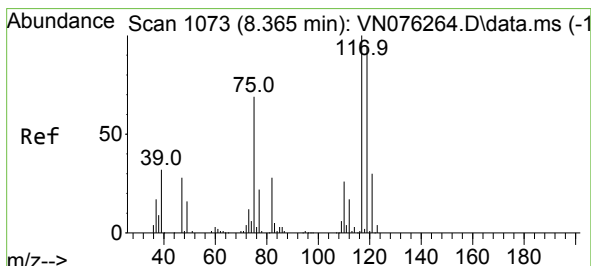
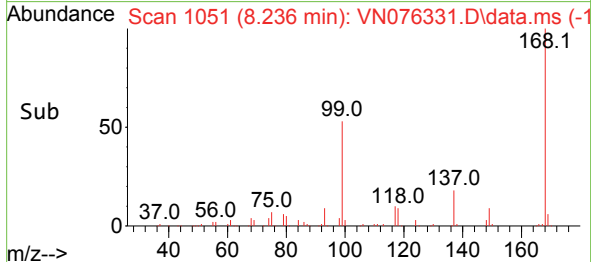
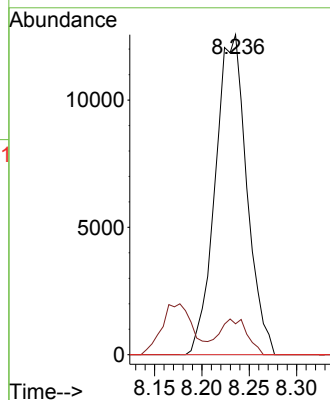
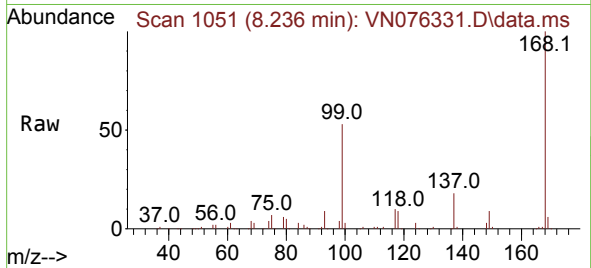




#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 8.236 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

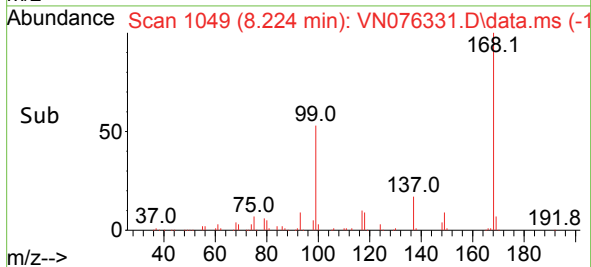
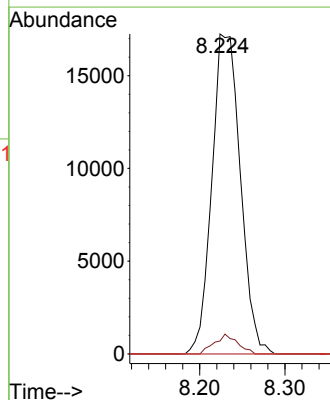
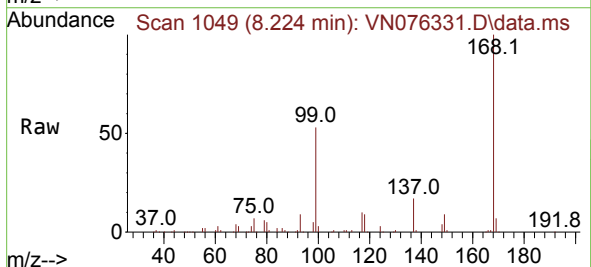
Instrument :
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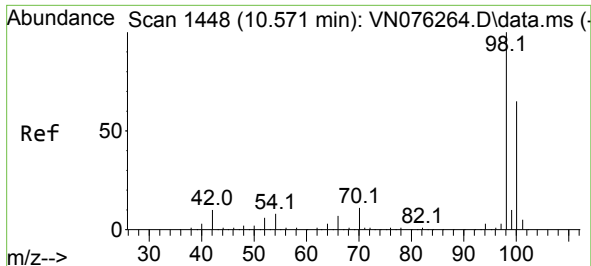
Tgt Ion: 75 Resp: 29033
Ion Ratio Lower Upper
75 100
110 9.9 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.240 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 117 Resp: 40104
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 24.2 36.2#

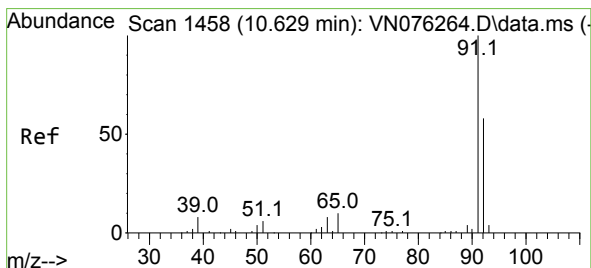
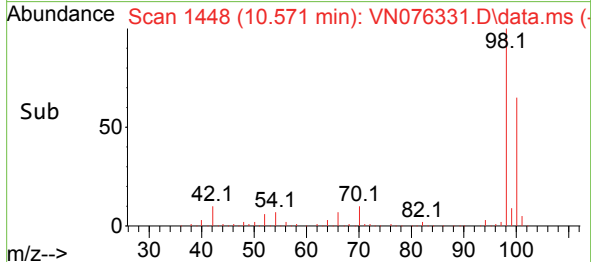
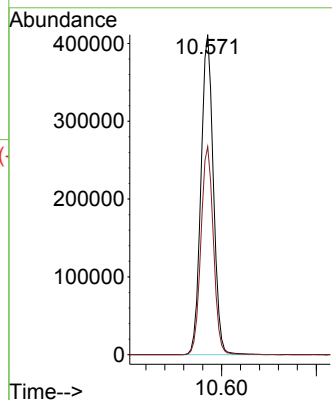
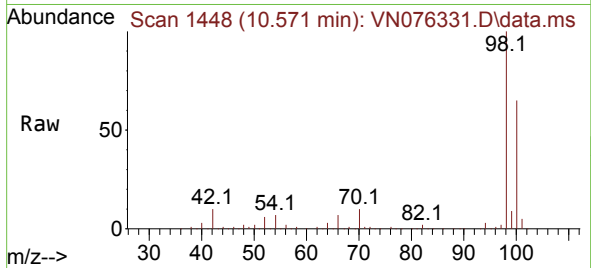




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

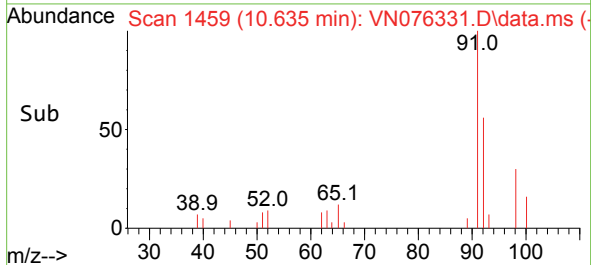
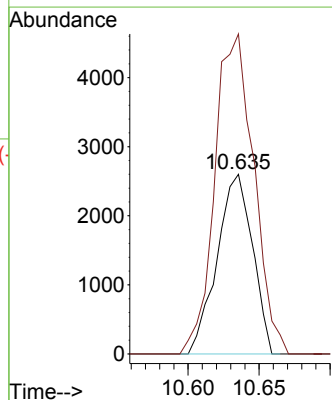
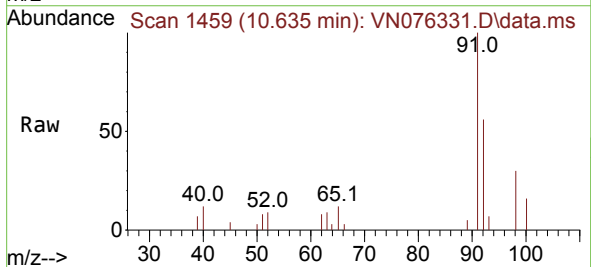
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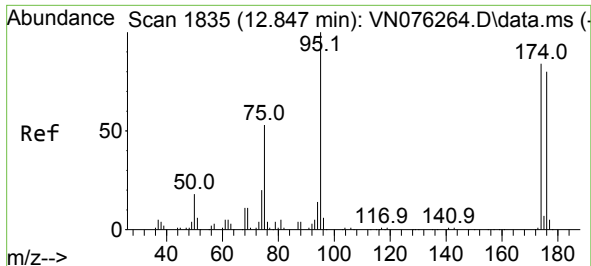
Tgt Ion: 98 Resp: 746260
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#52
Toluene
Concen: 0.392 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 92 Resp: 4515
Ion Ratio Lower Upper
92 100
91 196.1 136.6 205.0

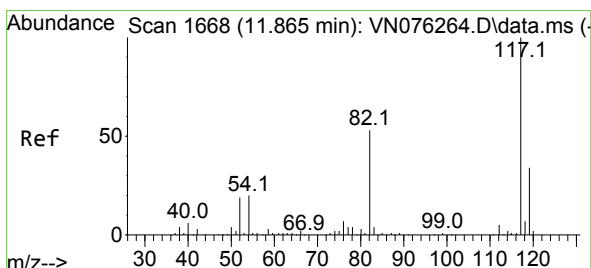
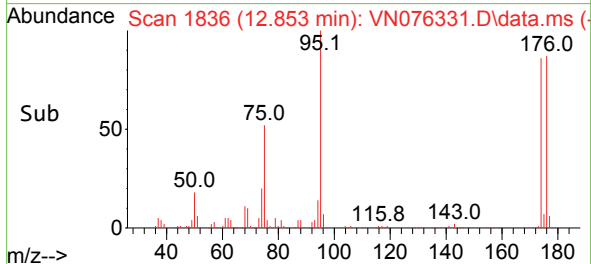
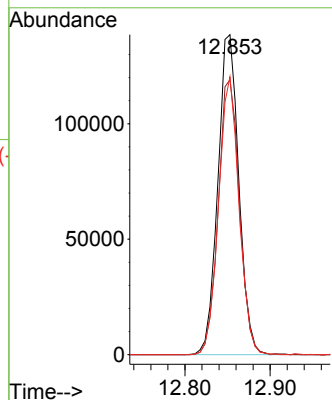
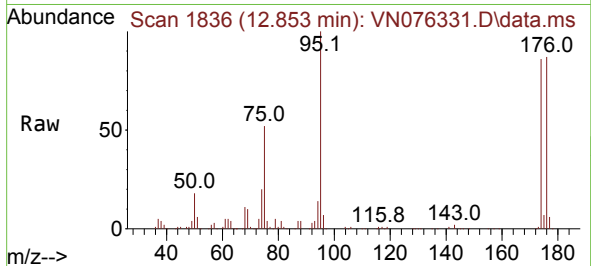




#62
4-Bromofluorobenzene
Concen: 48.501 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

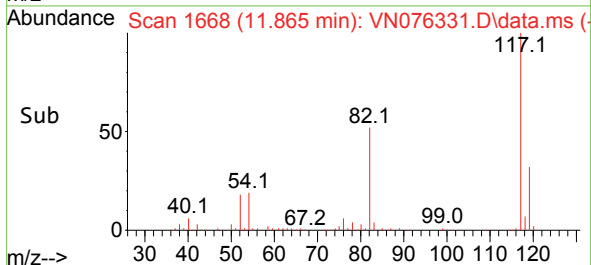
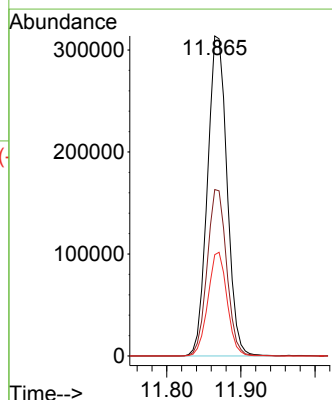
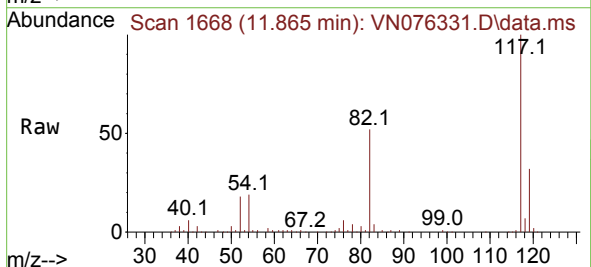
Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

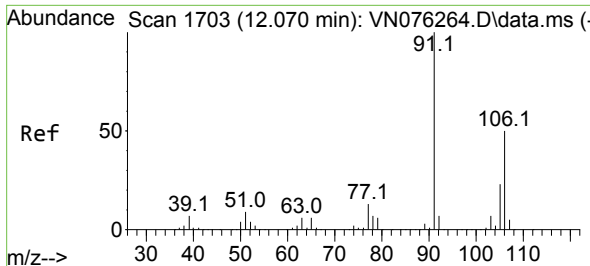
Tgt Ion: 95 Resp: 237147
Ion Ratio Lower Upper
95 100
174 86.8 0.0 174.6
176 84.3 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 117 Resp: 575081
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 31.6 26.9 40.3

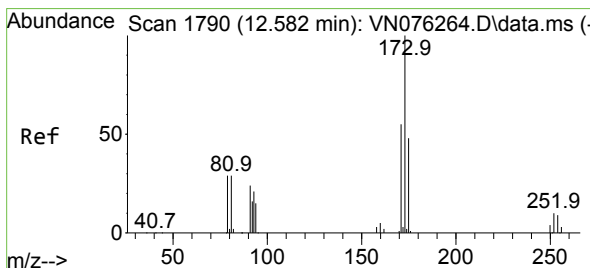
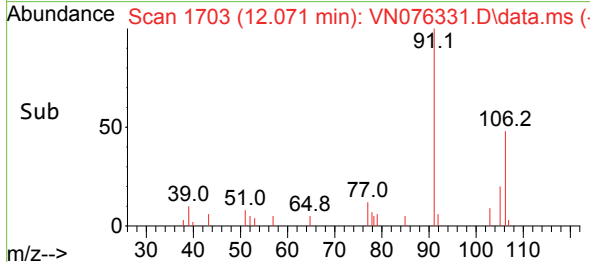
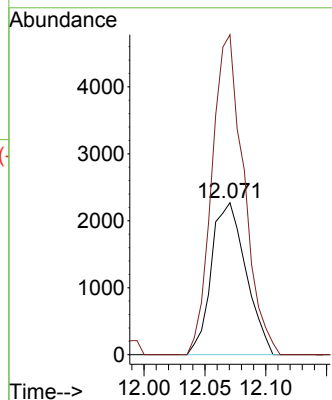
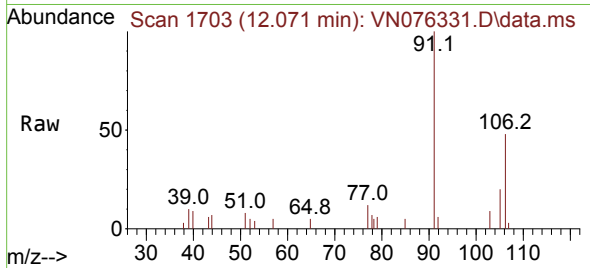




#68
m/p-Xylenes
Concen: 0.537 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

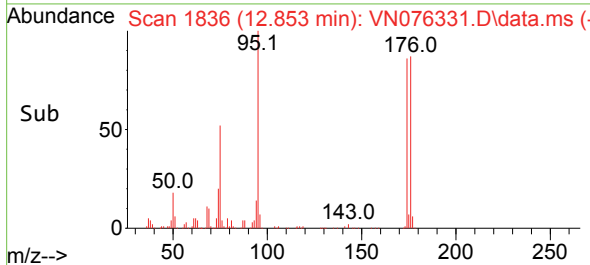
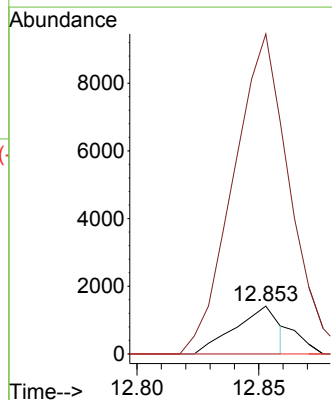
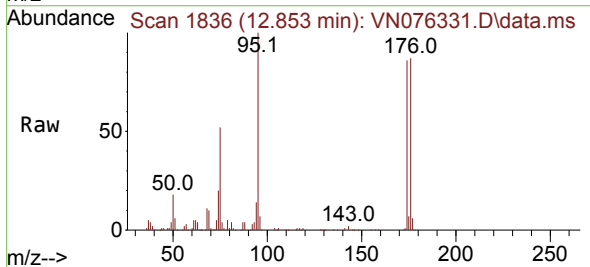
Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

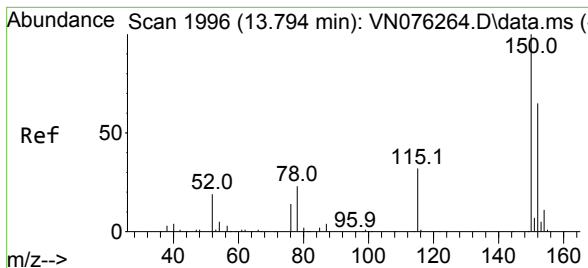
Tgt Ion:106 Resp: 4483
Ion Ratio Lower Upper
106 100
91 194.5 157.5 236.3



#71
Bromoform
Concen: 0.542 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion:173 Resp: 1771
Ion Ratio Lower Upper
173 100
175 713.9 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: VN076331.D

Acq: 19 Jan 2023 18:31

Instrument :

MSVOA_N

ClientSampleId :

NWB-1875

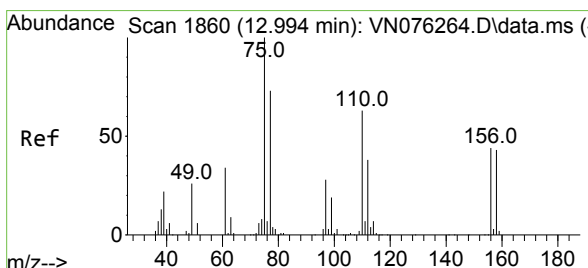
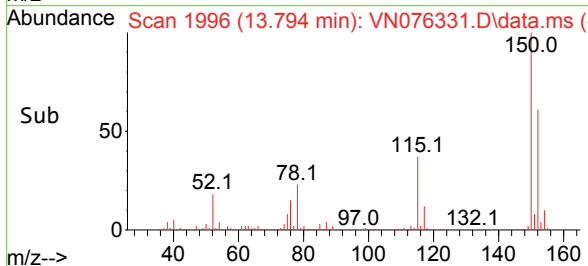
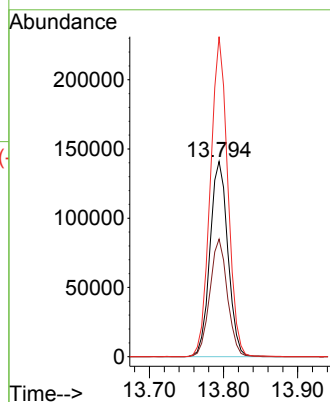
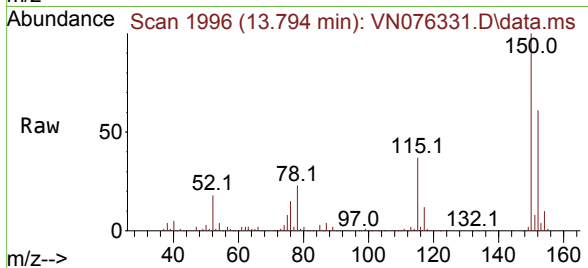
Tgt Ion:152 Resp: 236078

Ion Ratio Lower Upper

152 100

115 59.2 29.6 88.9

150 159.5 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 28.501 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076331.D

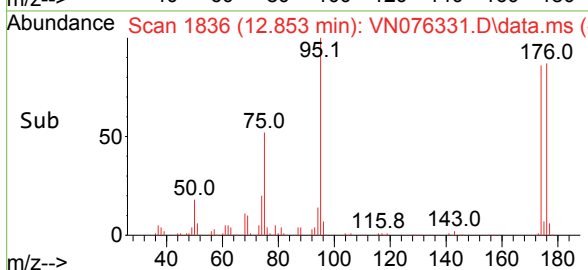
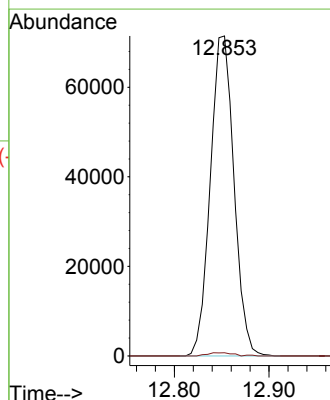
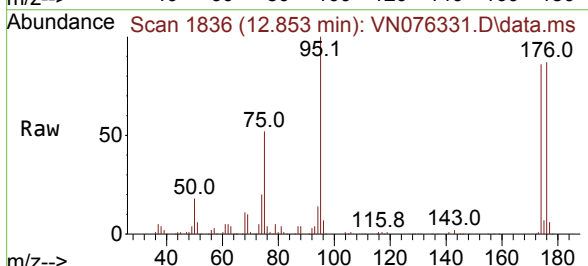
Acq: 19 Jan 2023 18:31

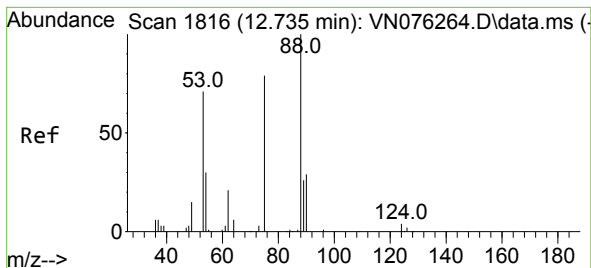
Tgt Ion: 75 Resp: 124328

Ion Ratio Lower Upper

75 100

77 1.1 75.2 225.6#

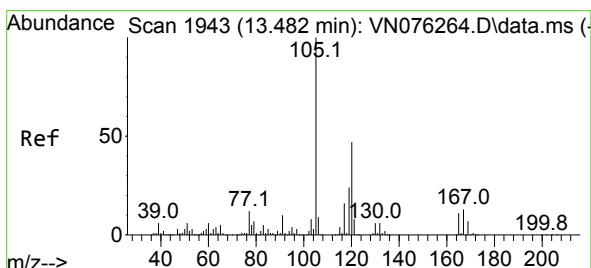
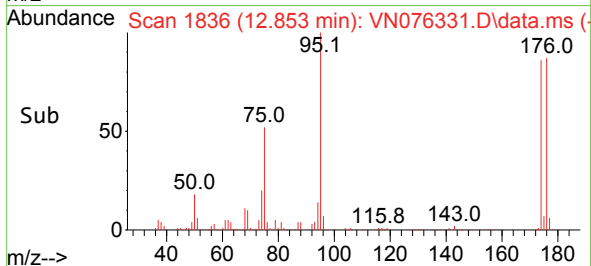
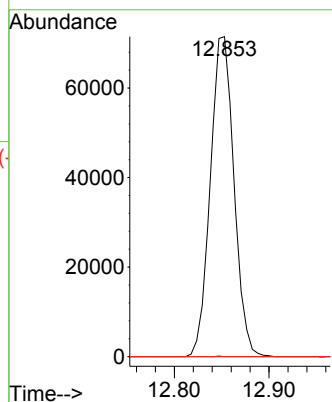
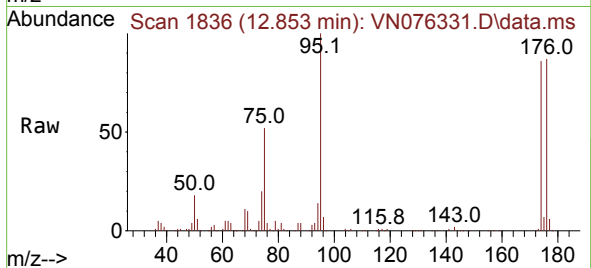




#81
trans-1,4-Dichloro-2-butene
Concen: 87.624 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

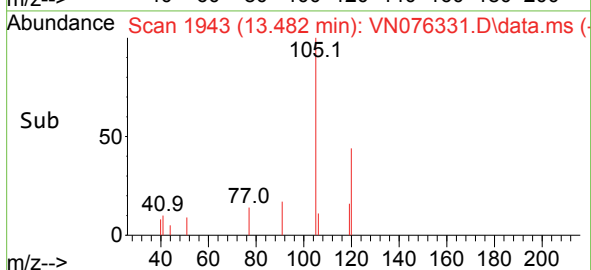
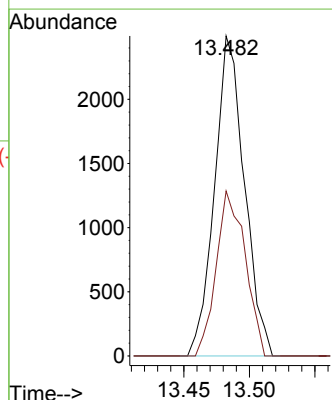
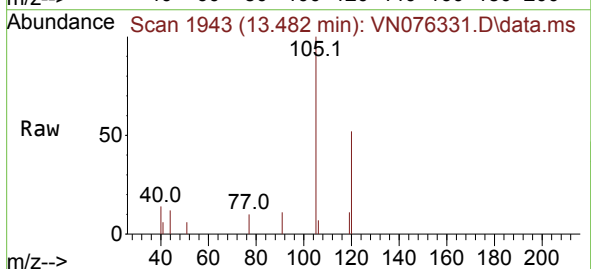
Instrument :
MSVOA_N
ClientSampleId :
NWB-1875

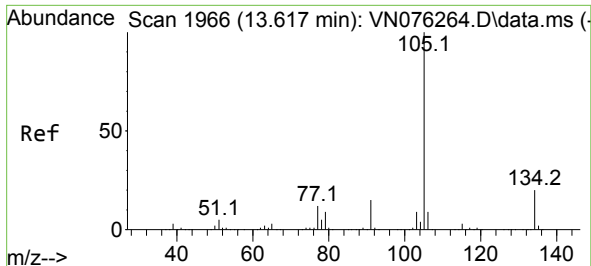
Tgt Ion: 75 Resp: 124328
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.1 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.257 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076331.D
Acq: 19 Jan 2023 18:31

Tgt Ion: 105 Resp: 3942
Ion Ratio Lower Upper
105 100
120 50.0 22.9 68.5

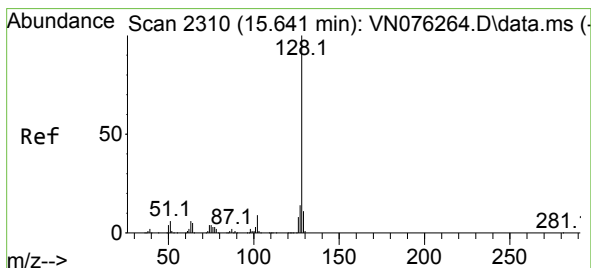
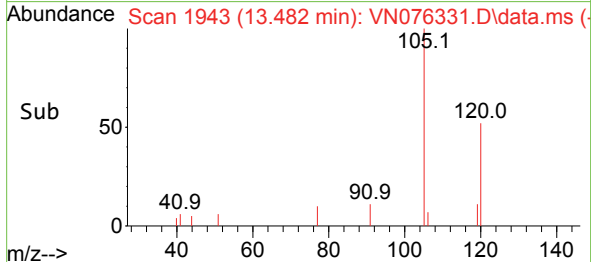
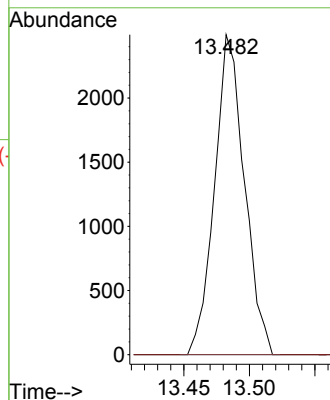
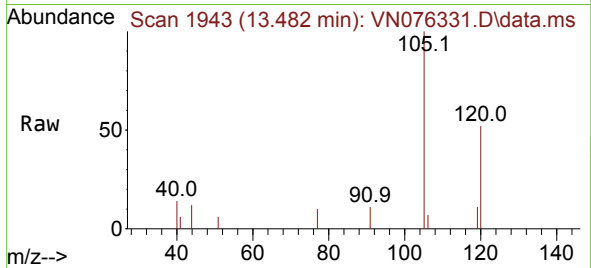




#85
 sec-Butylbenzene
 Concen: 0.209 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.135 min
 Lab File: VN076331.D
 Acq: 19 Jan 2023 18:31

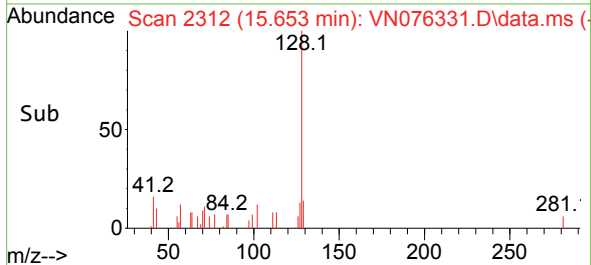
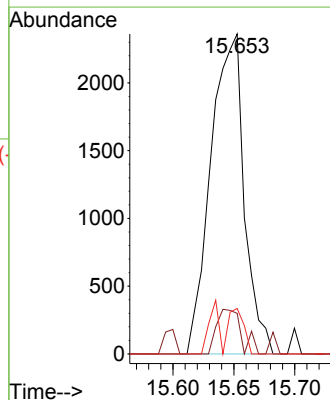
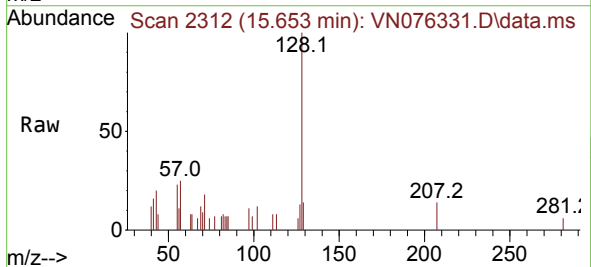
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1875

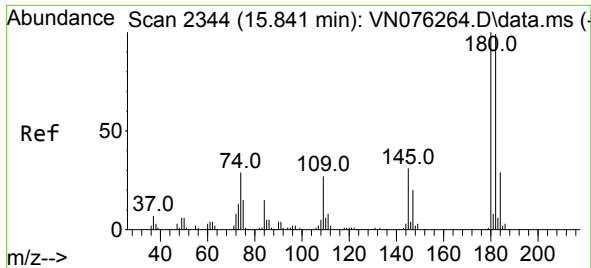
Tgt Ion:105 Resp: 3942
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#



#95
 Naphthalene
 Concen: 2.194 ug/l
 RT: 15.653 min Scan# 2312
 Delta R.T. 0.012 min
 Lab File: VN076331.D
 Acq: 19 Jan 2023 18:31

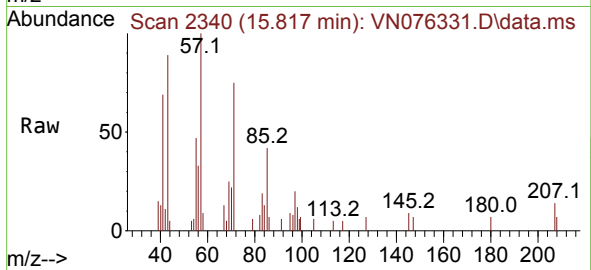
Tgt Ion:128 Resp: 4516
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 6.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.174 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VN076331.D
 Acq: 19 Jan 2023 18:31

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1875



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.5#
145	800.0	15.9	47.6#

