

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076325.D
 Acq On : 19 Jan 2023 16:07
 Operator : JC\MD
 Sample : 01214-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 20 00:58:07 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)

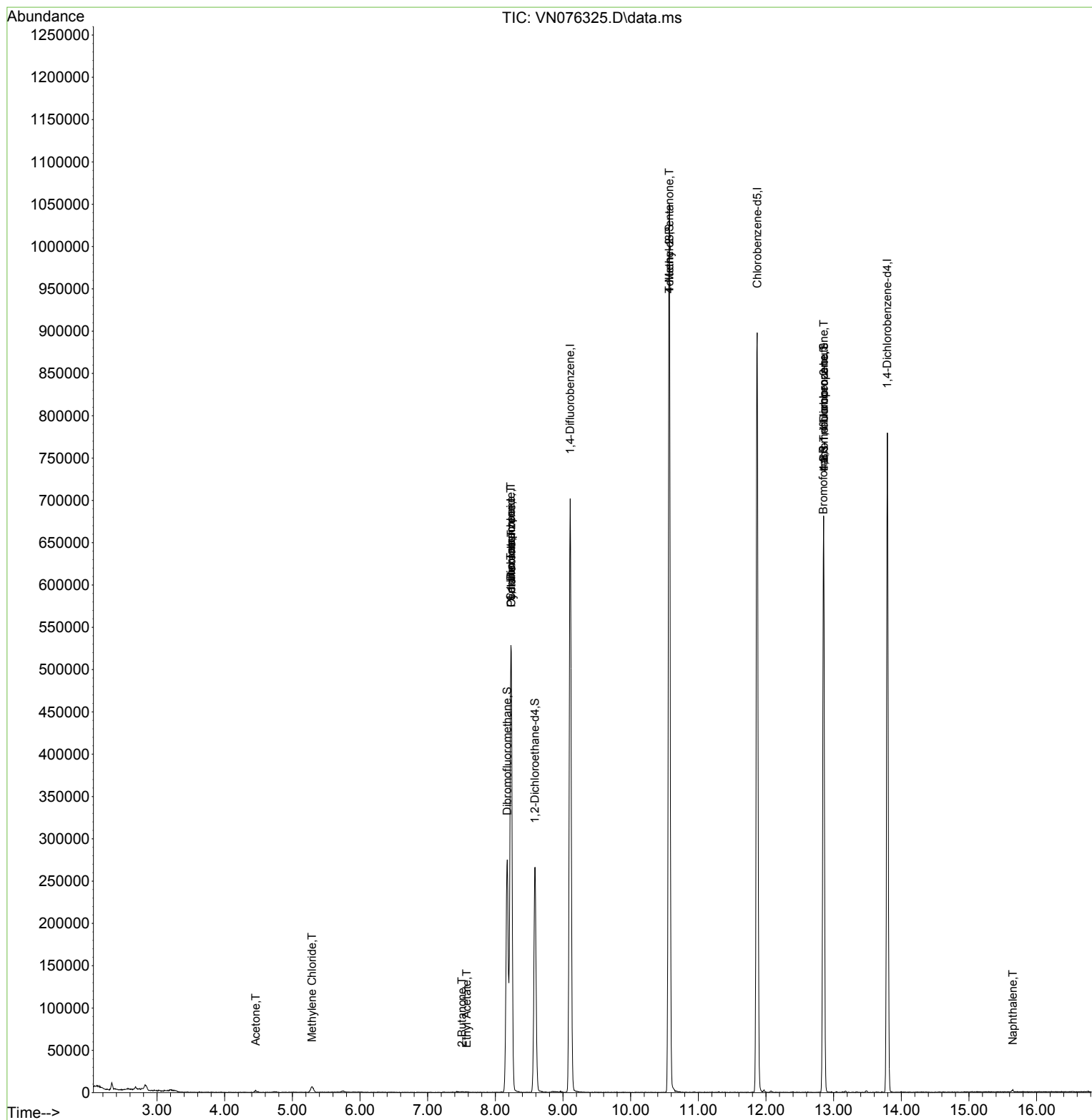
Internal Standards						
1) Pentafluorobenzene	8.235	168	417142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215505	46.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.280%		
35) Dibromofluoromethane	8.177	113	195305	47.731	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	10.571	98	744887	49.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.580%		
62) 4-Bromofluorobenzene	12.853	95	230202	46.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.320%		
Target Compounds					Qvalue	
16) Acetone	4.459	43	3485	2.255	ug/l	93
20) Methylene Chloride	5.289	84	5711	0.695	ug/l #	93
25) 2-Butanone	7.506	43	1407	0.615	ug/l #	77
31) Cyclohexane	8.235	56	8250	1.150	ug/l #	10
36) 1,1-Dichloropropene	8.230	75	31039	5.338	ug/l #	49
37) Ethyl Acetate	7.577	43	1054	0.262	ug/l #	67
38) Carbon Tetrachloride	8.230	117	41878	6.459	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2850	0.640	ug/l #	1
71) Bromoform	12.847	173	1268	0.401	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	115045	28.886	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115045	88.770	ug/l #	11
95) Naphthalene	15.647	128	2850	2.084	ug/l #	86

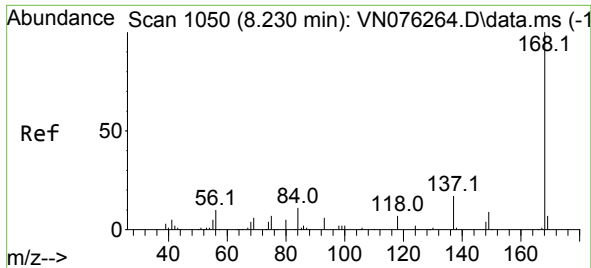
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 00:58:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

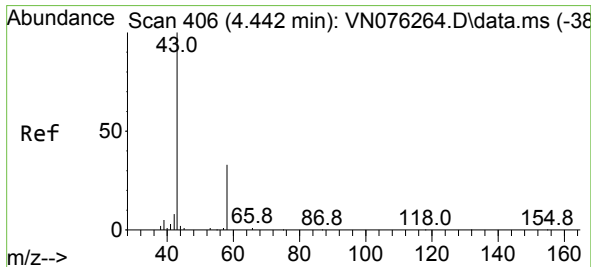
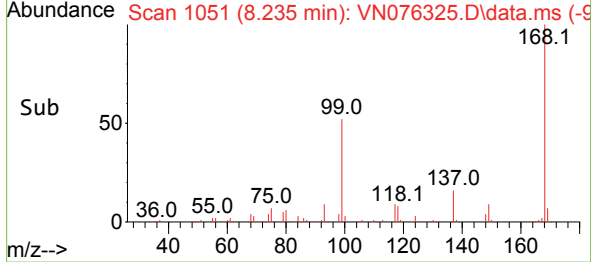
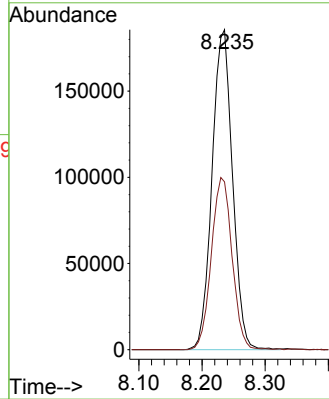
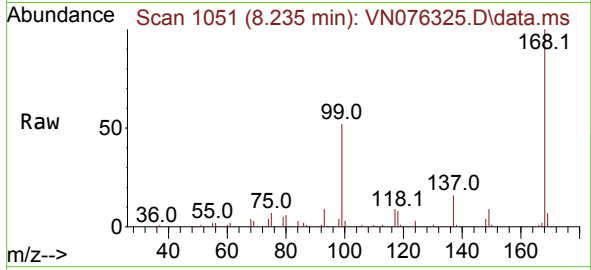




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

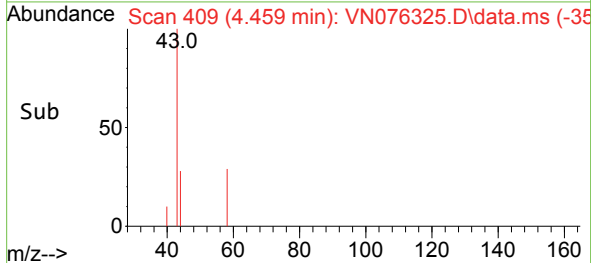
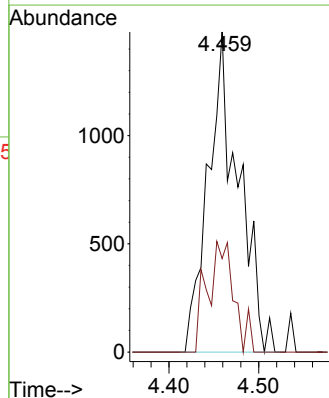
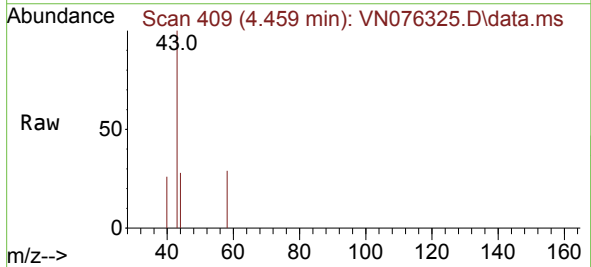
Instrument :
MSVOA_N
ClientSampleId :
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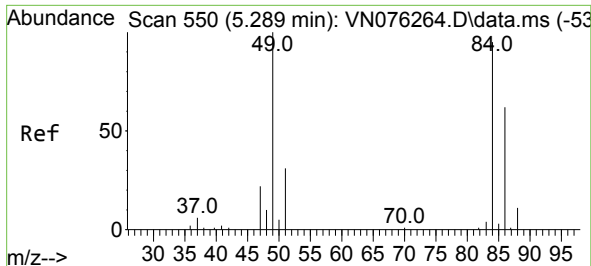
Tgt Ion:168 Resp: 417142
Ion Ratio Lower Upper
168 100
99 52.4 41.6 62.4



#16
Acetone
Concen: 2.255 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion: 43 Resp: 3485
Ion Ratio Lower Upper
43 100
58 29.2 26.7 40.1

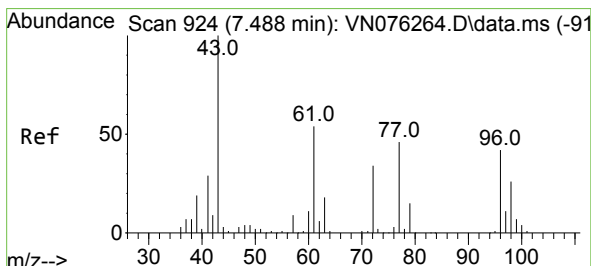
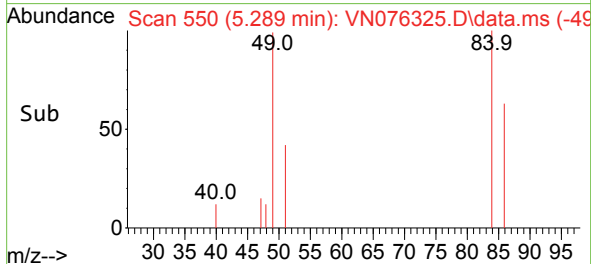
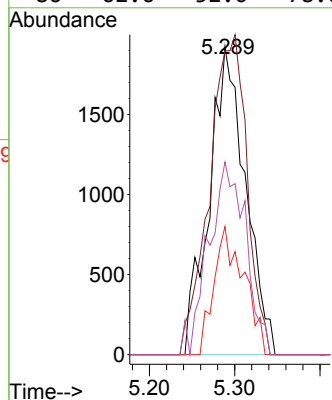
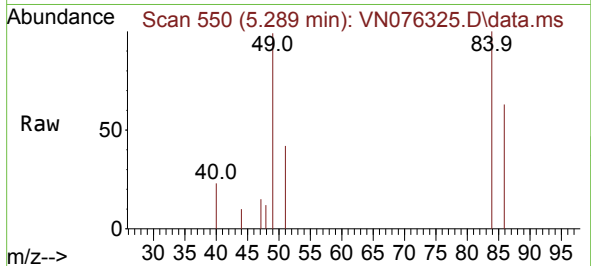




#20
Methylene Chloride
Concen: 0.695 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

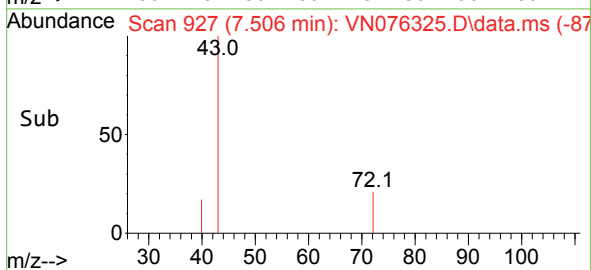
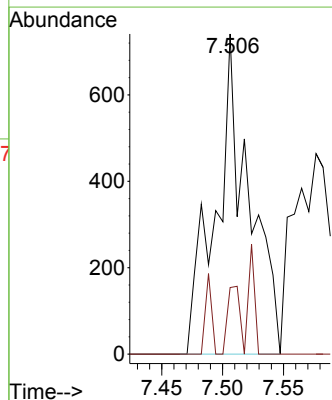
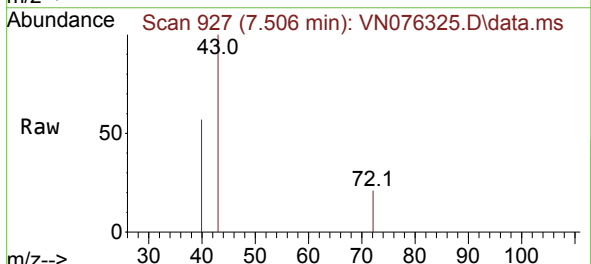
Instrument :
MSVOA_N
ClientSampleId :
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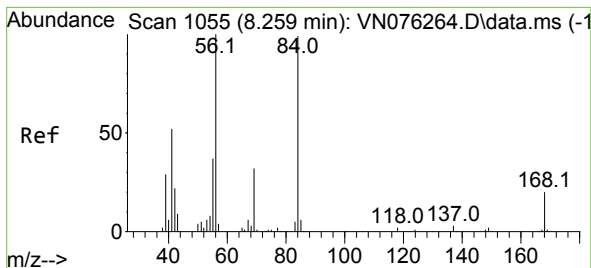
Tgt Ion: 84	Resp: 5711
Ion Ratio	Lower Upper
84 100	
49 98.7	84.5 126.7
51 41.6	26.0 39.0#
86 62.6	52.0 78.0



#25
2-Butanone
Concen: 0.615 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion: 43	Resp: 1407
Ion Ratio	Lower Upper
43 100	
72 20.8	27.4 41.2#





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.024 min

Lab File: VN076325.D

Acq: 19 Jan 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

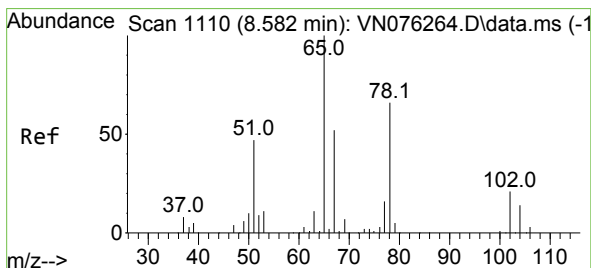
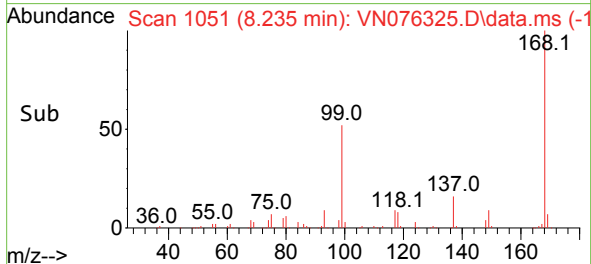
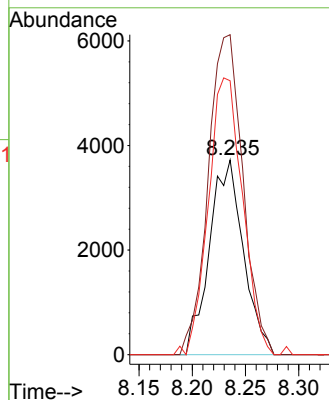
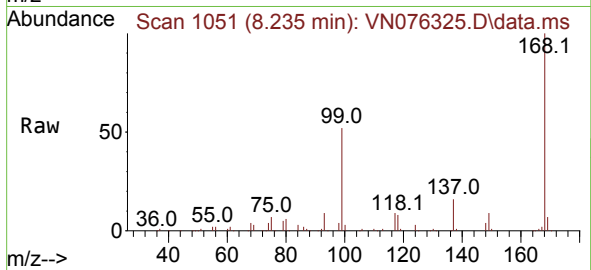
Tgt Ion: 56 Resp: 8250

Ion Ratio Lower Upper

56 100

69 164.4 25.8 38.8#

84 140.7 79.0 118.4#



#33

1,2-Dichloroethane-d4

Concen: 46.140 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076325.D

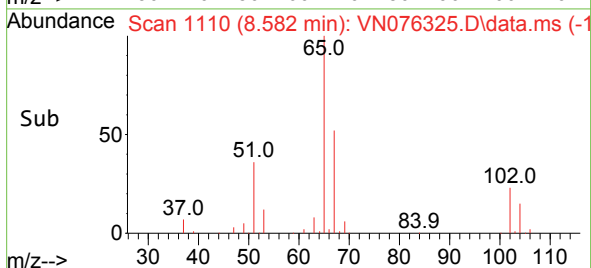
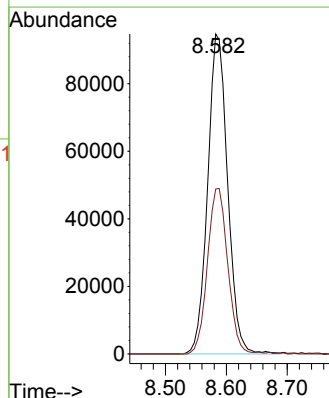
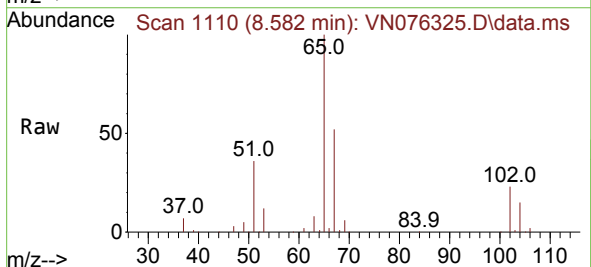
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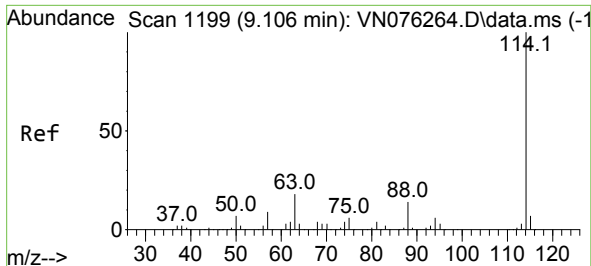
Tgt Ion: 65 Resp: 215505

Ion Ratio Lower Upper

65 100

67 52.8 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: VN076325.D

Acq: 19 Jan 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

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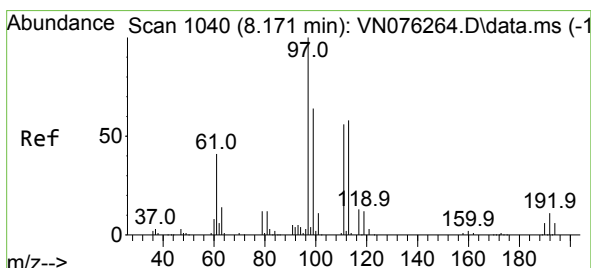
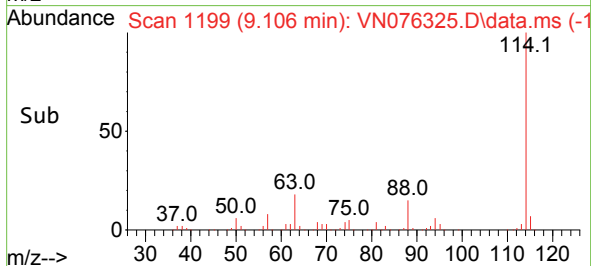
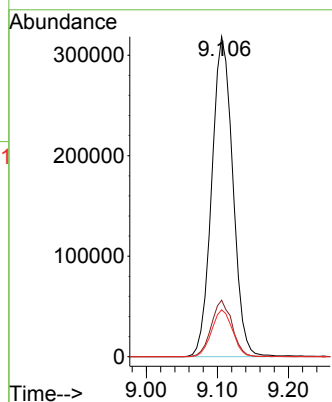
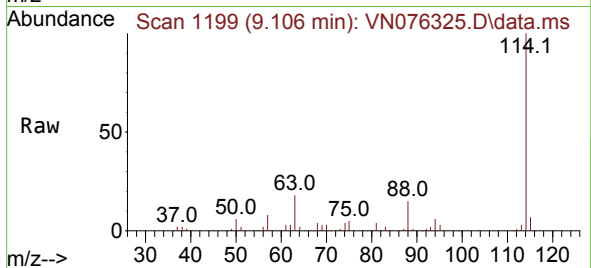
Tgt Ion:114 Resp: 654116

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

88 14.7 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.731 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076325.D

Acq: 19 Jan 2023 16:07

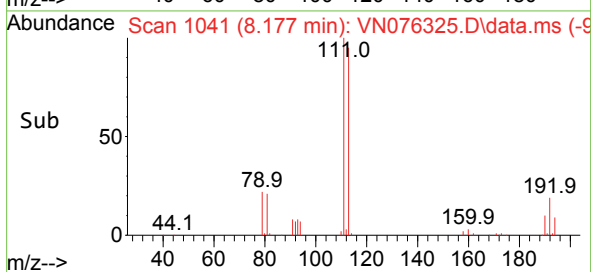
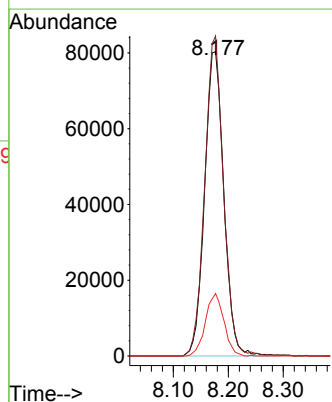
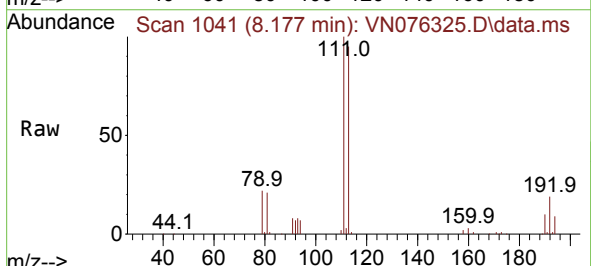
Tgt Ion:113 Resp: 195305

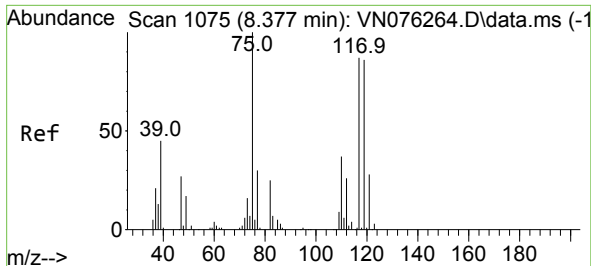
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 19.7 15.6 23.4

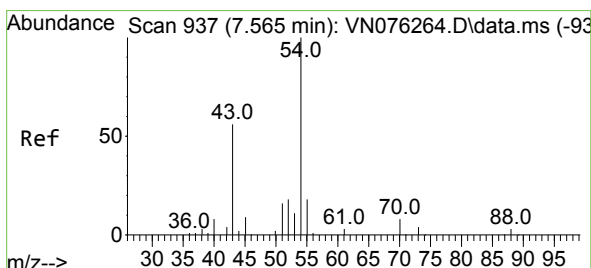
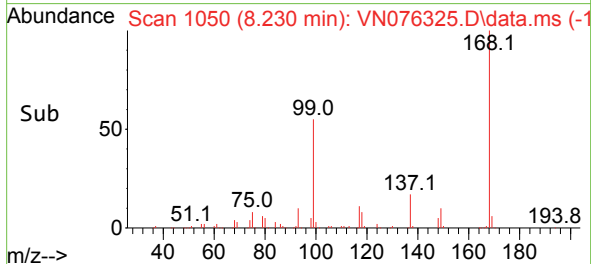
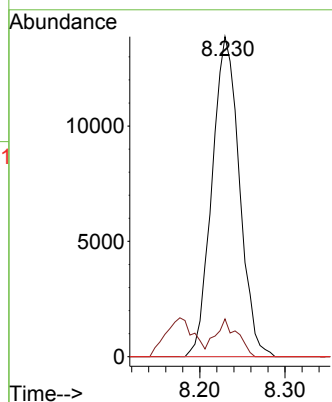
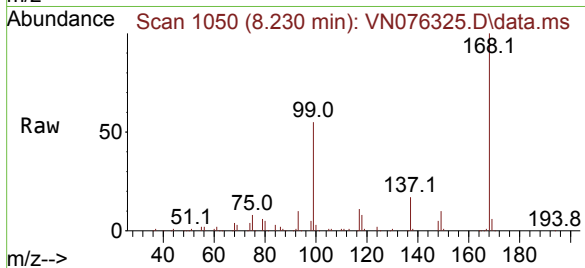




#36
1,1-Dichloropropene
Concen: 5.338 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

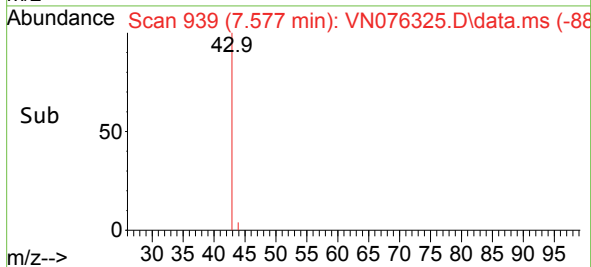
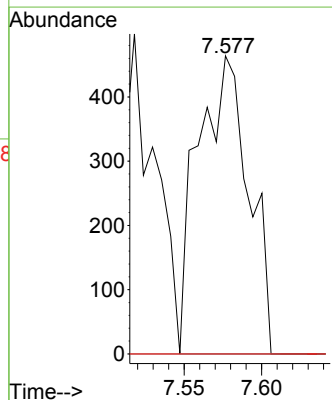
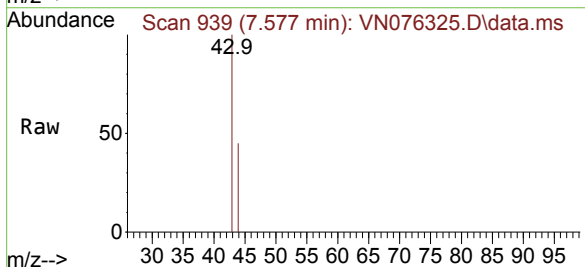
Instrument :
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ClientSampleId :
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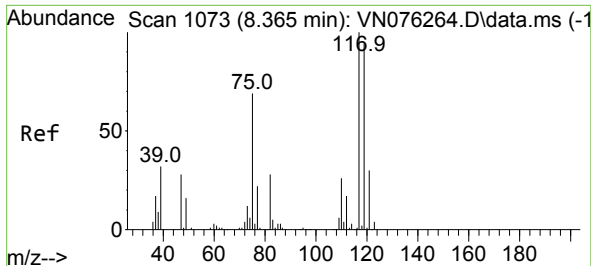
Tgt Ion: 75 Resp: 31039
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.262 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 10.0 15.0#

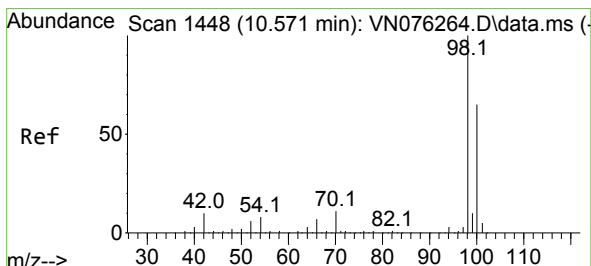
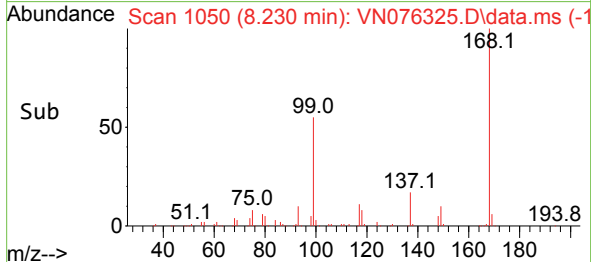
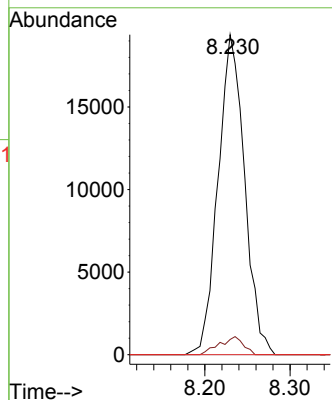
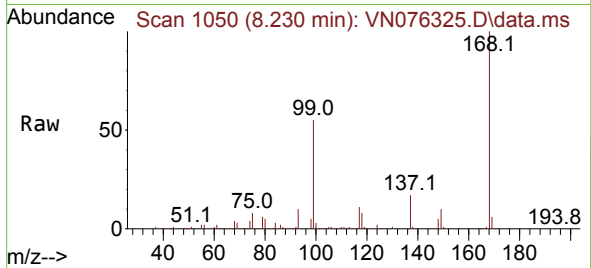




#38
Carbon Tetrachloride
Concen: 6.459 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

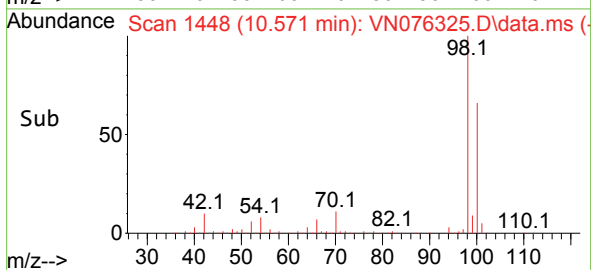
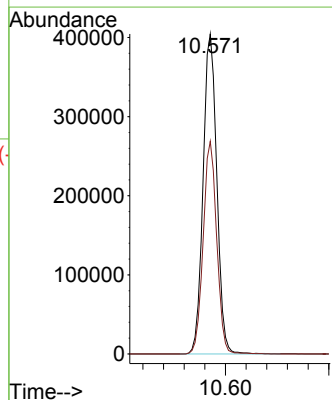
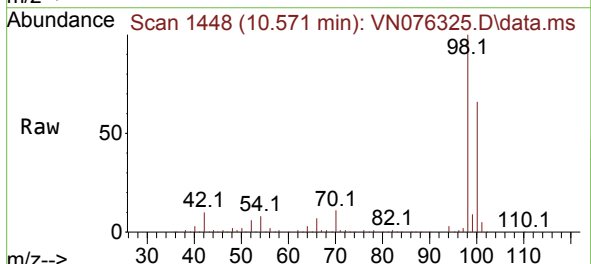
Instrument :
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ClientSampleId :
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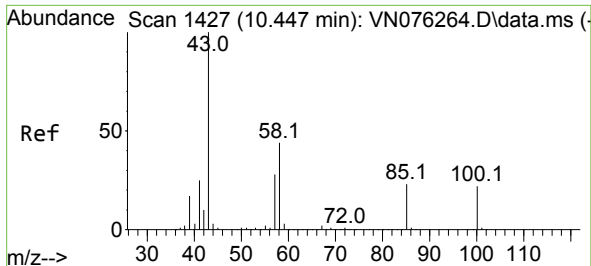
Tgt Ion:117 Resp: 41878
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.293 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion: 98 Resp: 744887
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

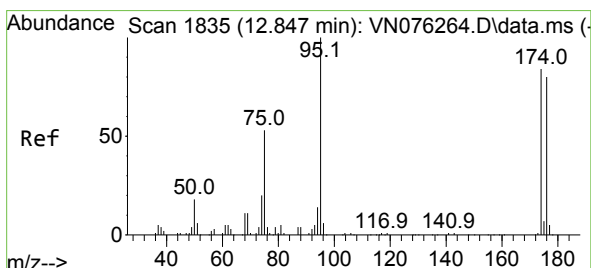
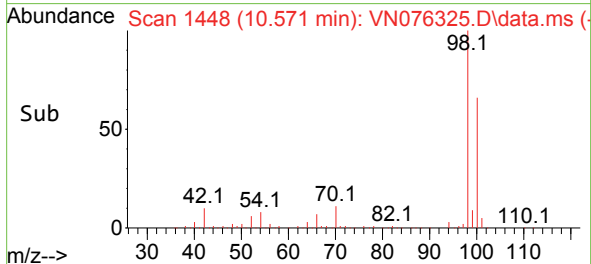
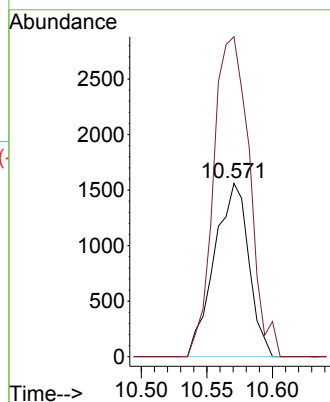
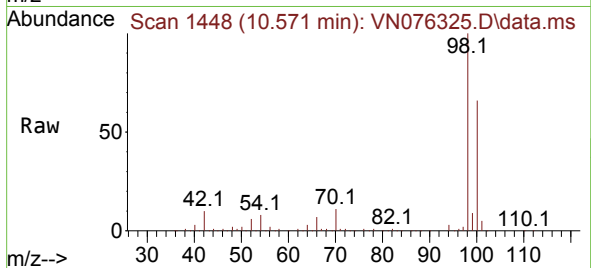




#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

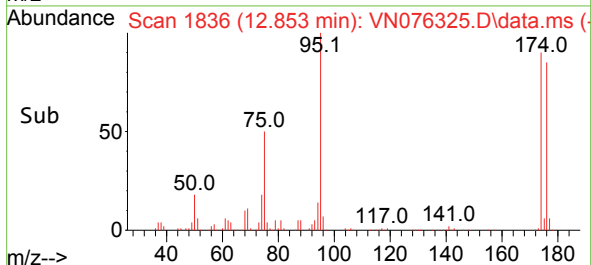
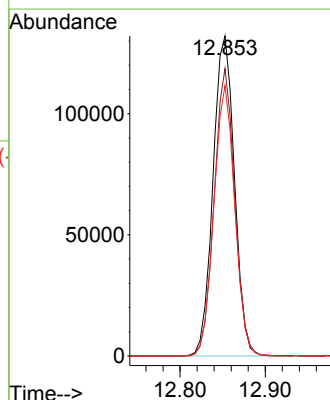
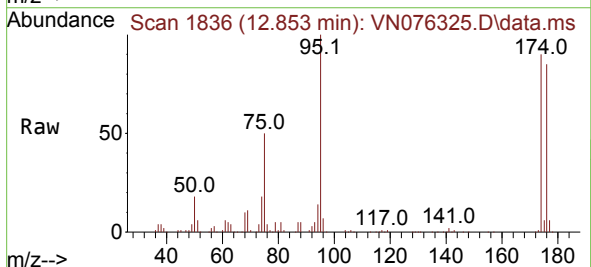
Instrument :
MSVOA_N
ClientSampleId :
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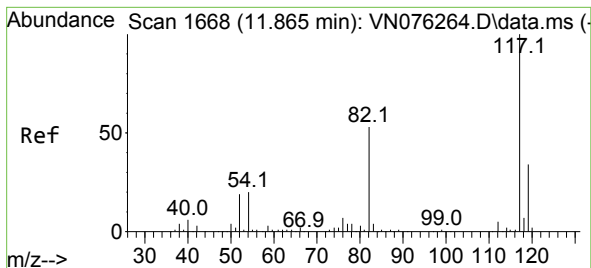
Tgt Ion: 43 Resp: 2850
Ion Ratio Lower Upper
43 100
58 192.1 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 46.664 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion: 95 Resp: 230202
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 82.1 0.0 167.8

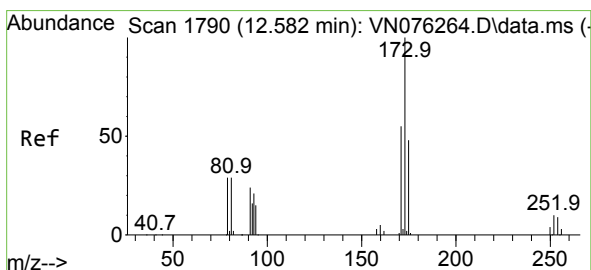
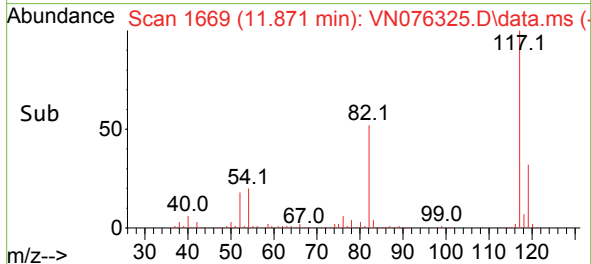
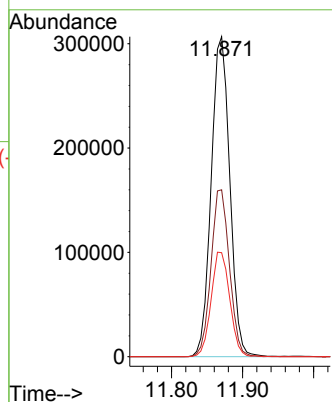
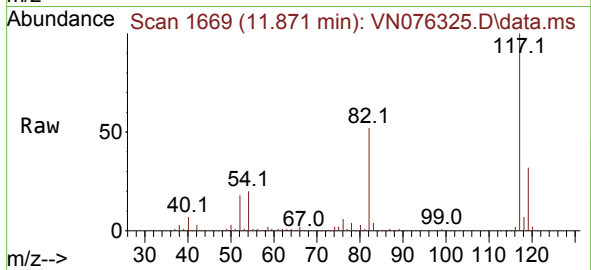




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

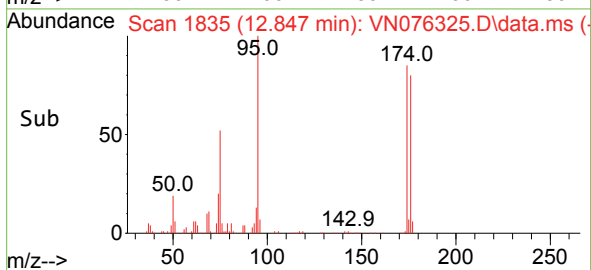
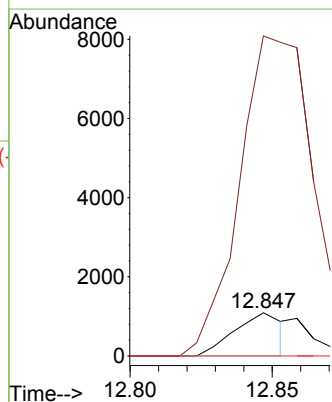
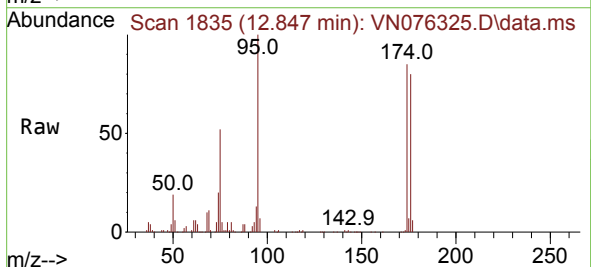
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

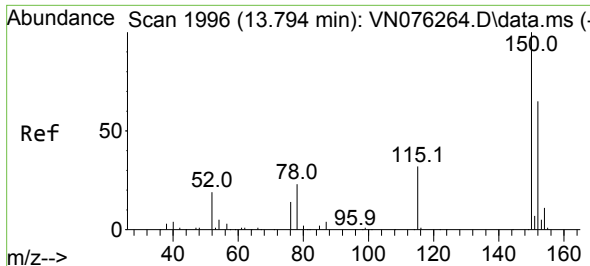
Tgt Ion:117 Resp: 557254
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.5 26.9 40.3



#71
Bromoform
Concen: 0.401 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion:173 Resp: 1268
Ion Ratio Lower Upper
173 100
175 940.3 24.1 72.4#
254 0.0 0.0 0.0

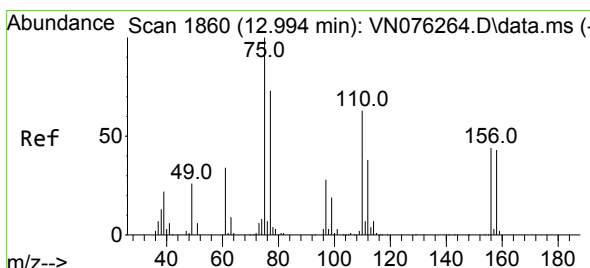
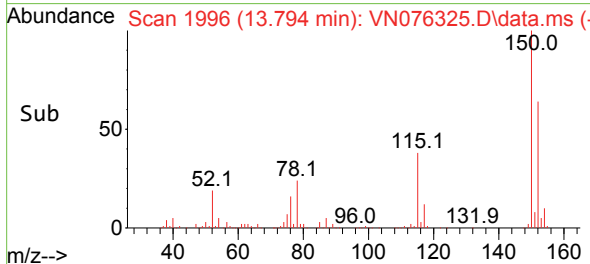
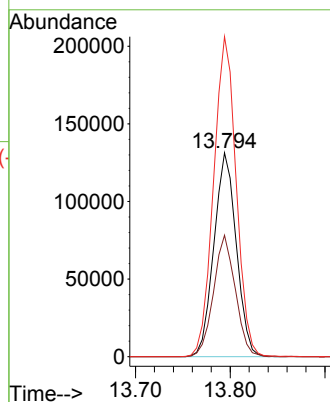
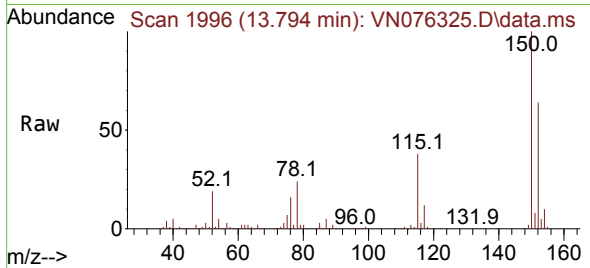




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076325.D
 Acq: 19 Jan 2023 16:07

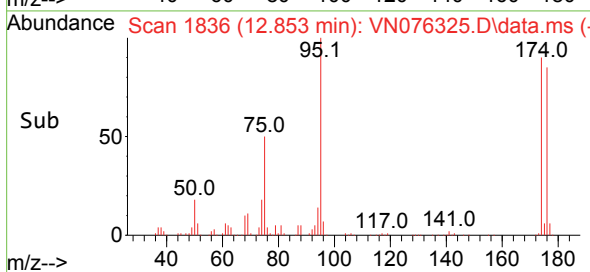
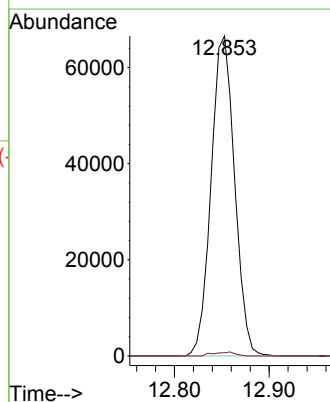
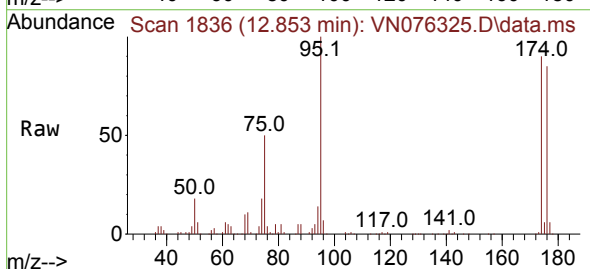
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

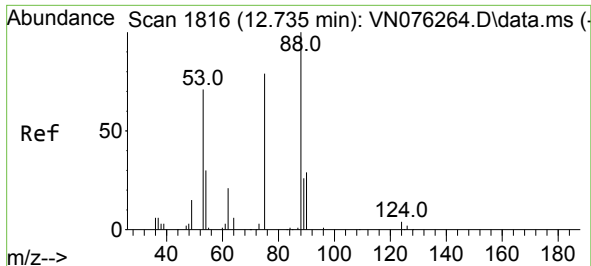
Tgt Ion:152 Resp: 215631
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.6 88.9
 150 158.3 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 28.886 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076325.D
 Acq: 19 Jan 2023 16:07

Tgt Ion: 75 Resp: 115045
 Ion Ratio Lower Upper
 75 100
 77 1.1 75.2 225.6#

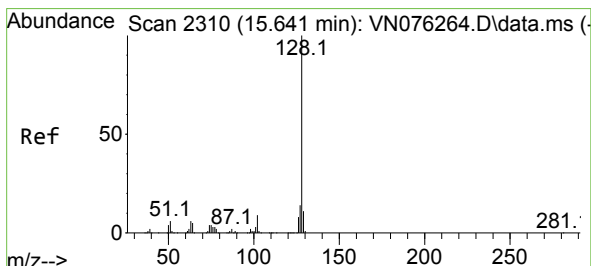
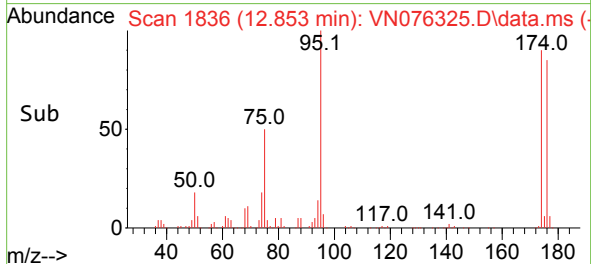
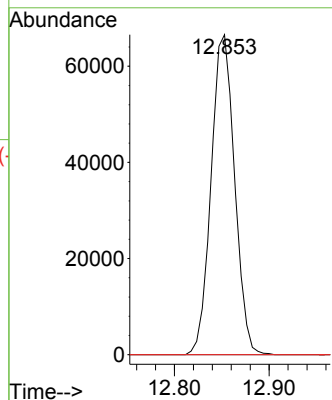
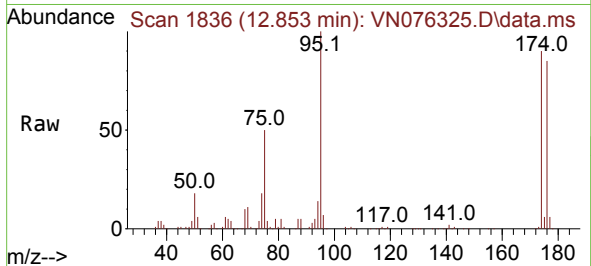




#81
trans-1,4-Dichloro-2-butene
Concen: 88.770 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 115045
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 2.084 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion:128 Resp: 2850
Ion Ratio Lower Upper
128 100
127 8.4 10.3 15.5#
129 4.1 8.6 13.0#

