

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078257.D
 Acq On : 16 Jun 2023 14:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 02:23:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

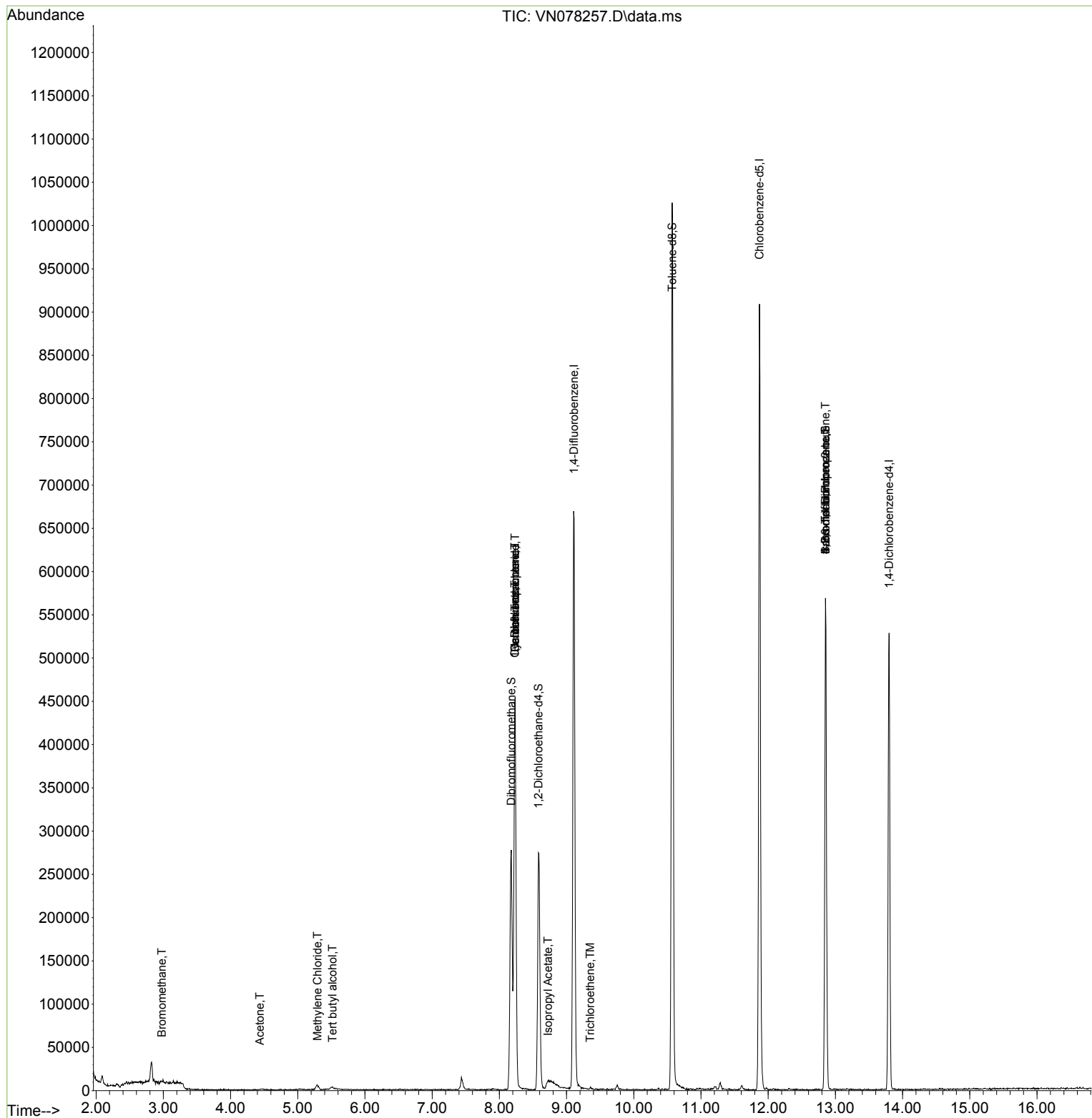
Internal Standards						
1) Pentafluorobenzene	8.236	168	322334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	589890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	534171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	145740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232650	54.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	8.177	113	200499	53.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.520%			
50) Toluene-d8	10.571	98	741267	51.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.853	95	202050	45.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.400%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1094	Below Cal		99
5) Bromomethane	2.977	94	1692	0.469	ug/l	98
11) Tert butyl alcohol	5.518	59	911	1.535	ug/l #	72
16) Acetone	4.436	43	287	0.232	ug/l #	40
20) Methylene Chloride	5.295	84	4194	1.026	ug/l #	80
31) Cyclohexane	8.230	56	7888	1.431	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	26792	5.008	ug/l #	50
38) Carbon Tetrachloride	8.236	117	35606	6.303	ug/l #	14
43) Isopropyl Acetate	8.724	43	9471	1.185	ug/l #	51
44) Trichloroethene	9.353	130	1133	0.269	ug/l	50
71) Bromoform	12.853	173	1808	0.666	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.935	83	107	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	109351	31.739	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109351	97.511	ug/l #	15

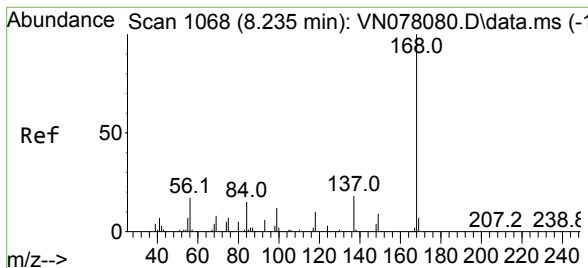
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 17 02:23:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078257.D

Acq: 16 Jun 2023 14:05

Instrument :

MSVOA_N

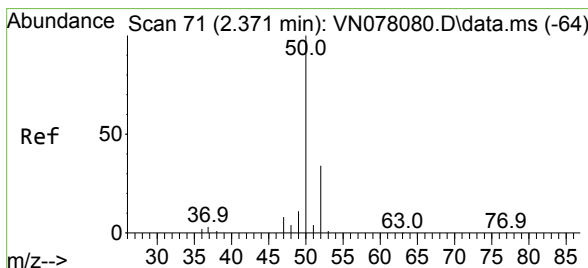
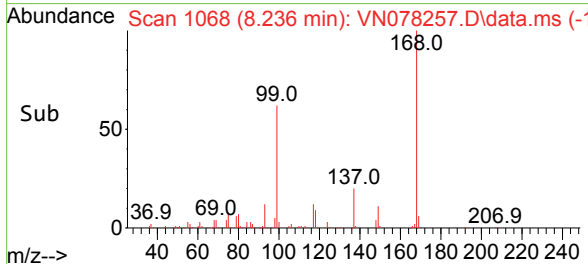
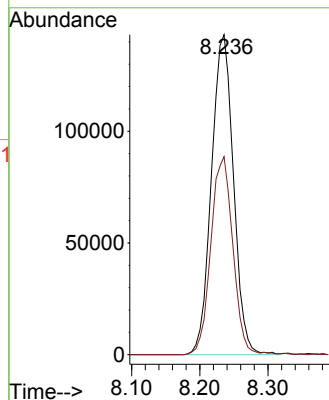
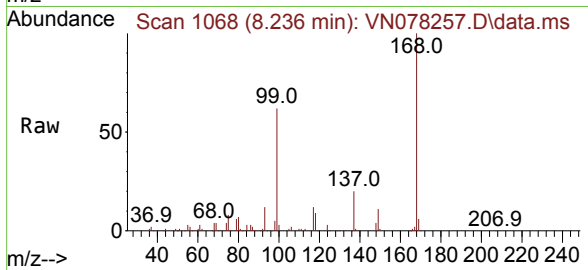
ClientSampleId :

Tgt Ion:168 Resp: 322334

Ion Ratio Lower Upper

168 100

99 61.9 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078257.D

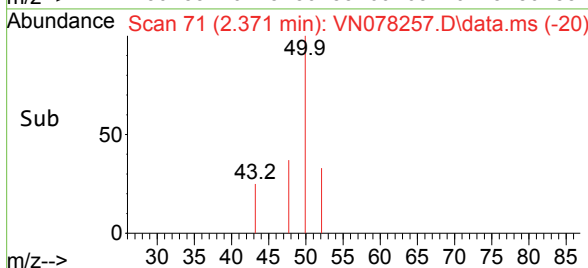
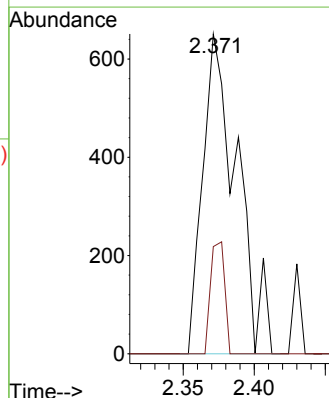
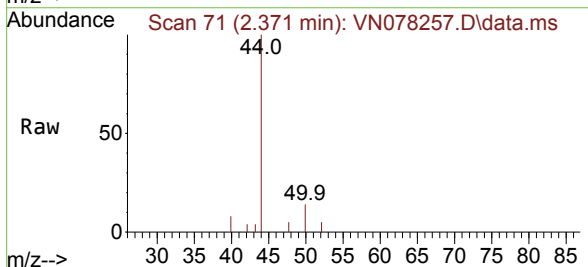
Acq: 16 Jun 2023 14:05

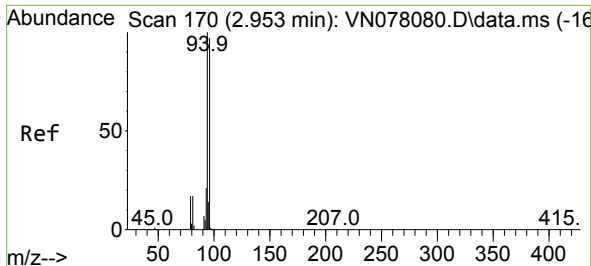
Tgt Ion: 50 Resp: 1094

Ion Ratio Lower Upper

50 100

52 33.5 26.5 39.7

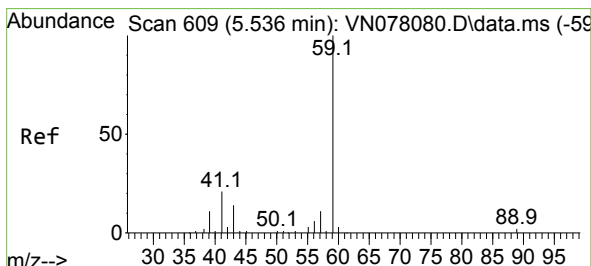
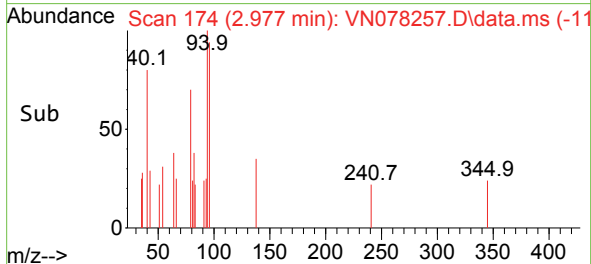
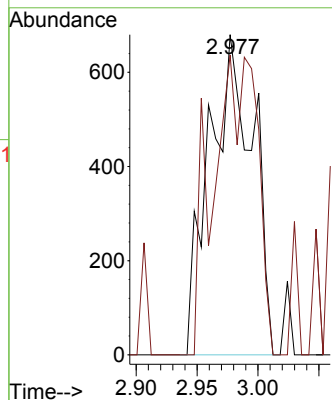
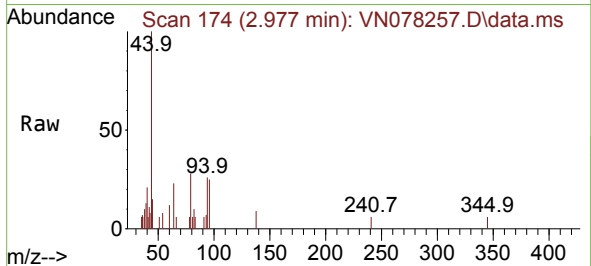




#5
Bromomethane
Concen: 0.469 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

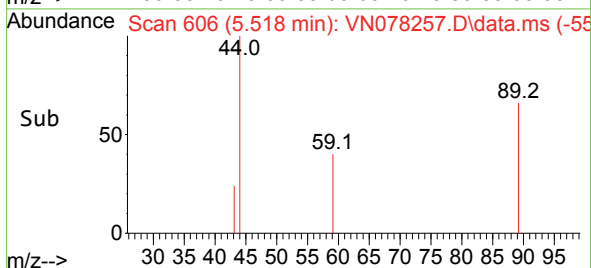
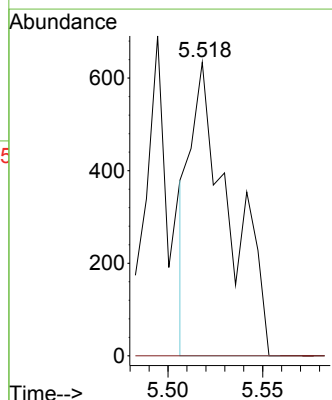
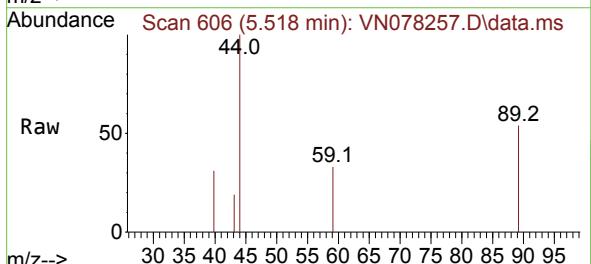
Instrument :
MSVOA_N
ClientSampleId :

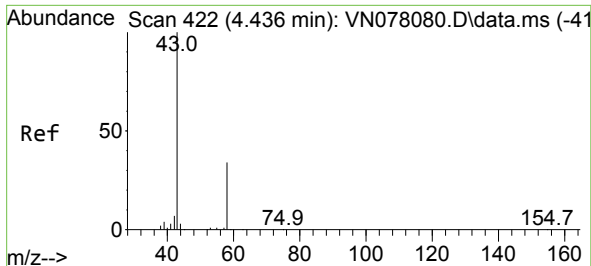
Tgt Ion: 94 Resp: 1692
Ion Ratio Lower Upper
94 100
96 93.7 73.1 109.7



#11
Tert butyl alcohol
Concen: 1.535 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion: 59 Resp: 911
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

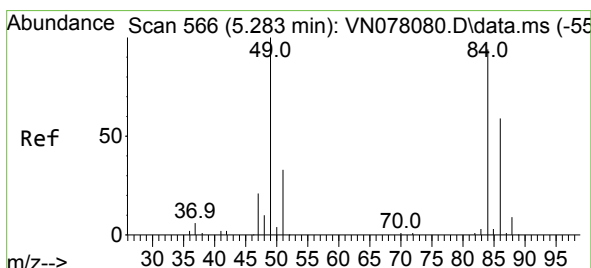
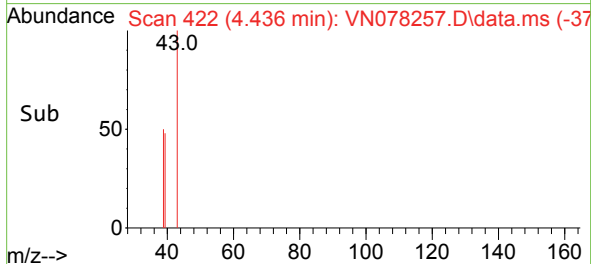
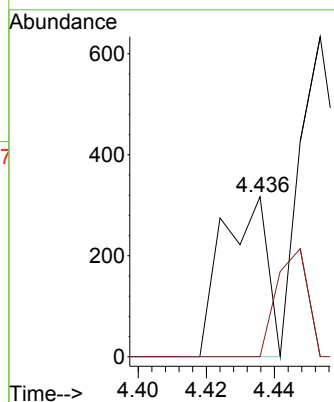
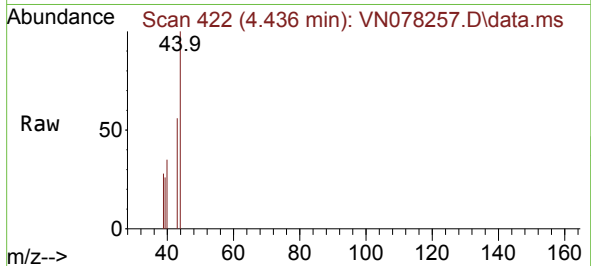




#16
Acetone
Concen: 0.232 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

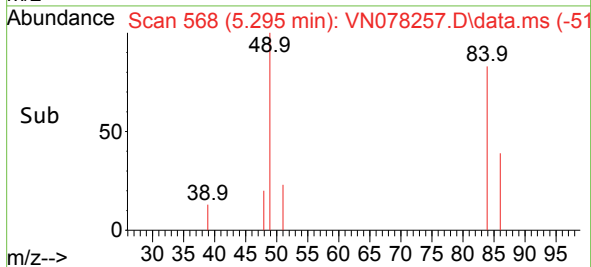
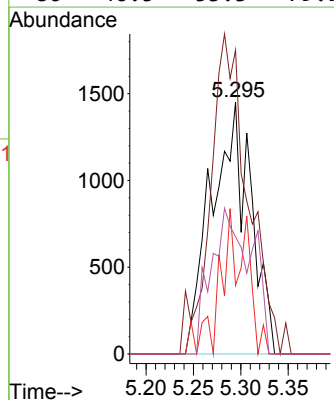
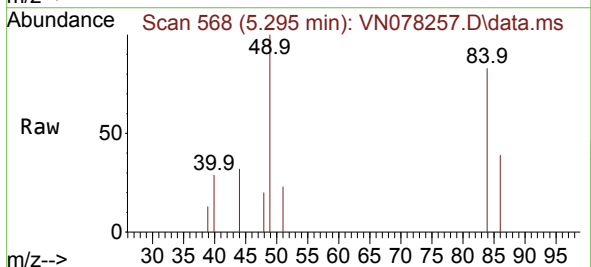
Instrument :
MSVOA_N
ClientSampleId :

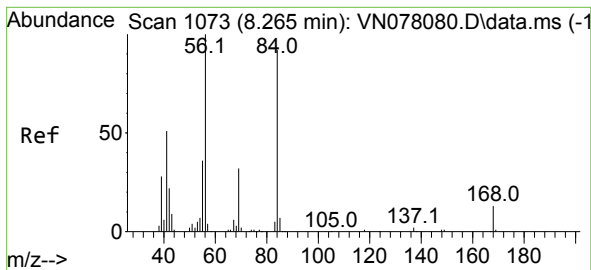
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: 1.026 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

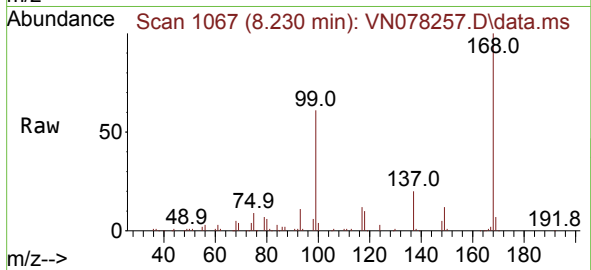
Tgt Ion: 84 Resp: 4194
Ion Ratio Lower Upper
84 100
49 120.7 79.7 119.5#
51 27.3 25.2 37.8
86 46.5 53.3 79.9#



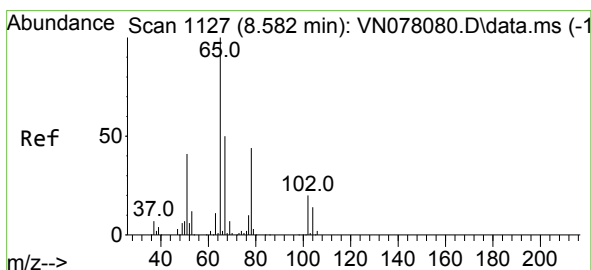
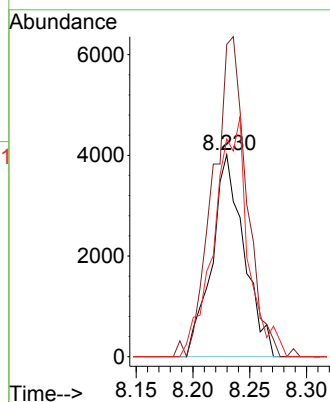
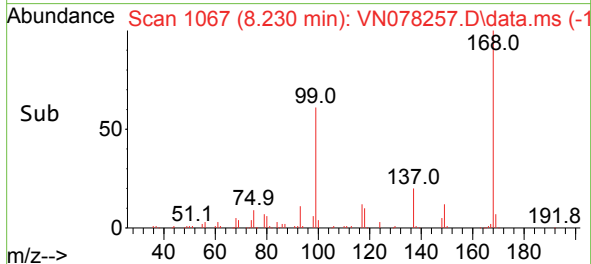


#31
Cyclohexane
Concen: 1.431 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :

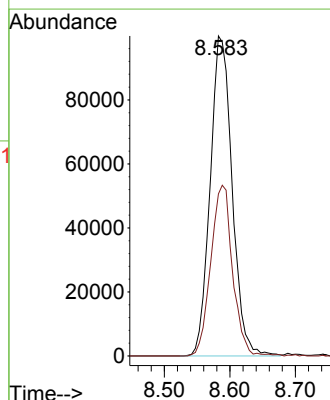
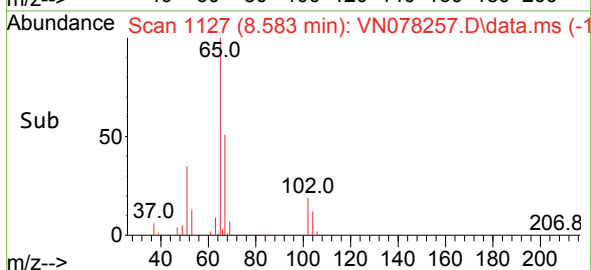
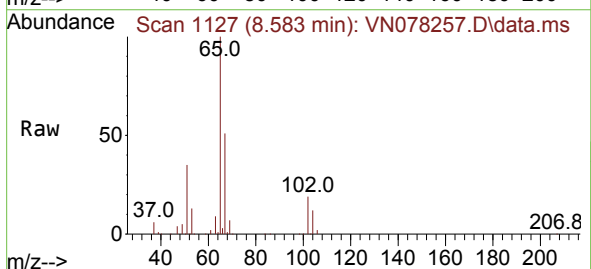


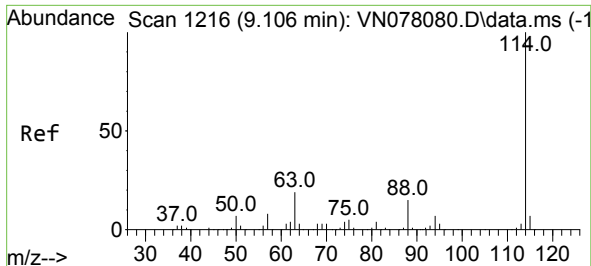
Tgt Ion: 56 Resp: 7888
Ion Ratio Lower Upper
56 100
69 154.6 26.8 40.2#
84 115.2 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.134 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion: 65 Resp: 232650
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078257.D

Acq: 16 Jun 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

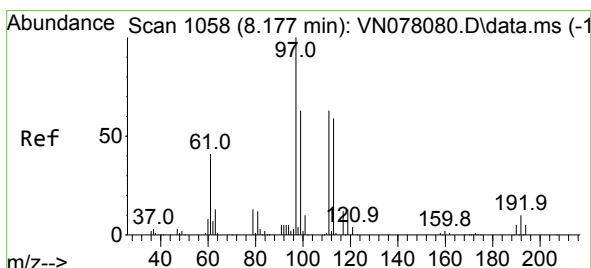
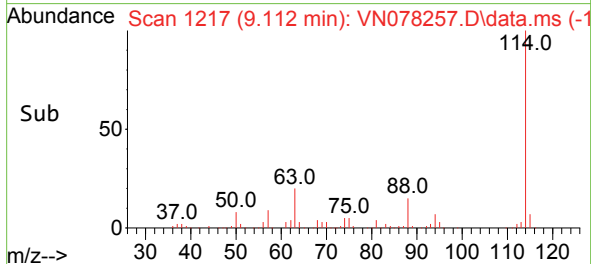
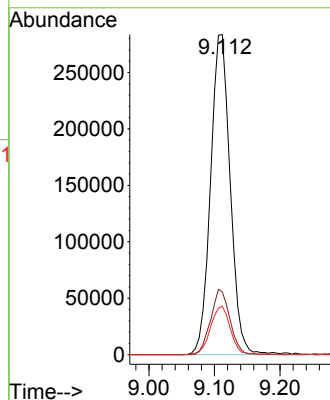
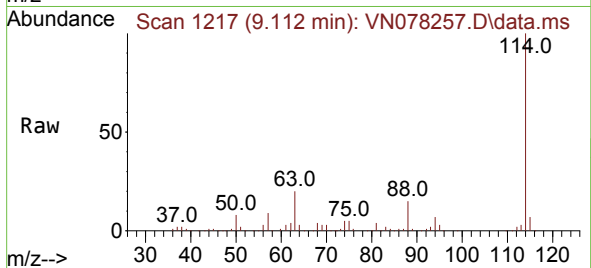
Tgt Ion:114 Resp: 589890

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.756 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078257.D

Acq: 16 Jun 2023 14:05

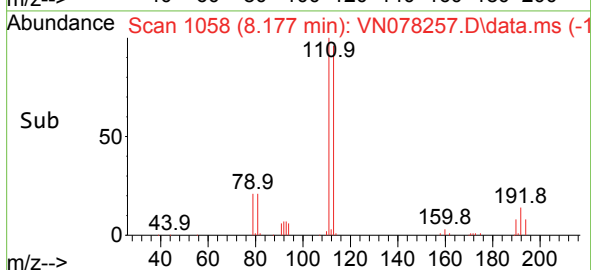
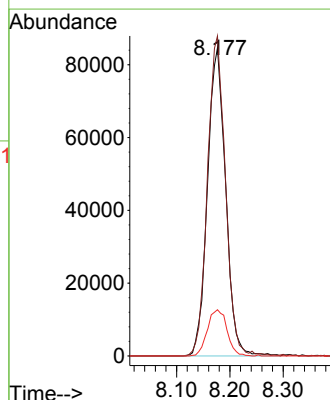
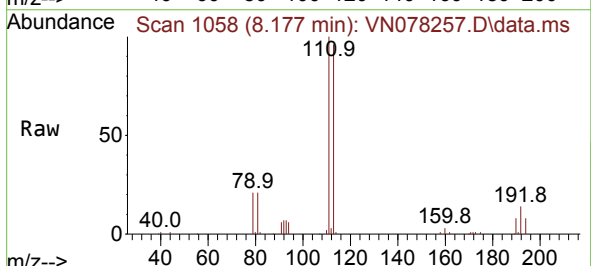
Tgt Ion:113 Resp: 200499

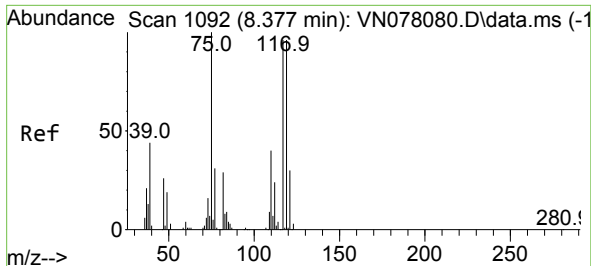
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 16.1 12.7 19.1

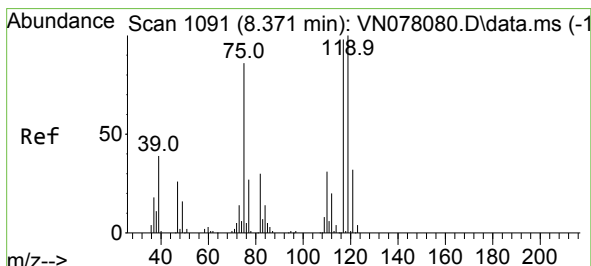
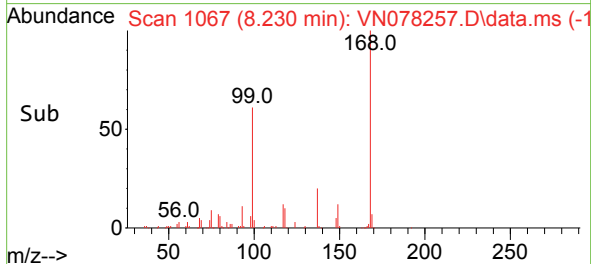
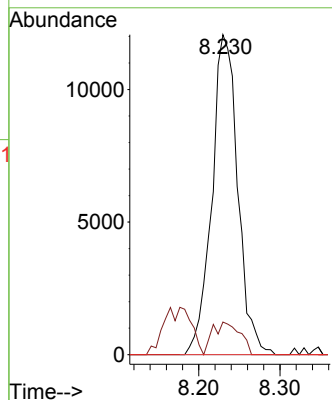
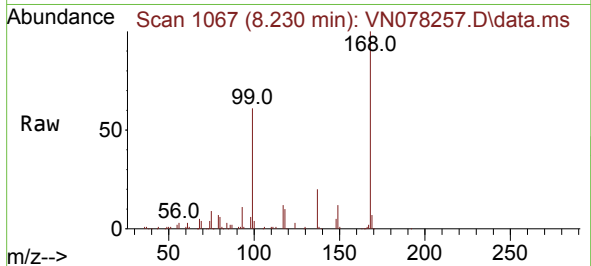




#36
1,1-Dichloropropene
Concen: 5.008 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

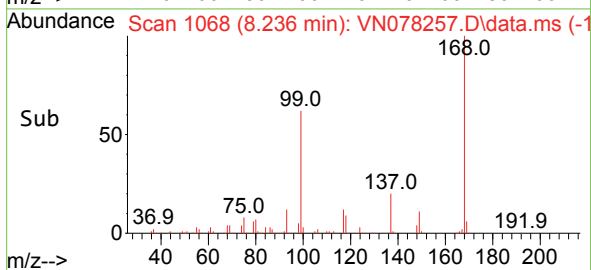
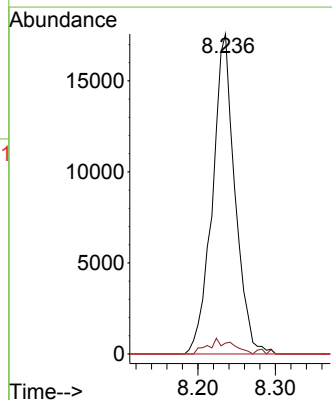
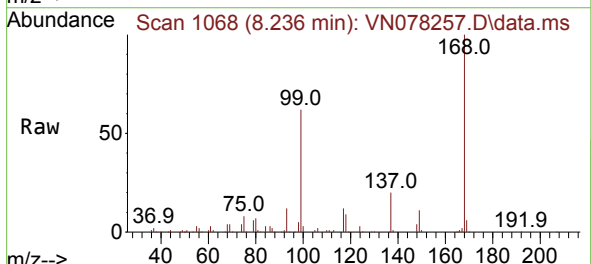
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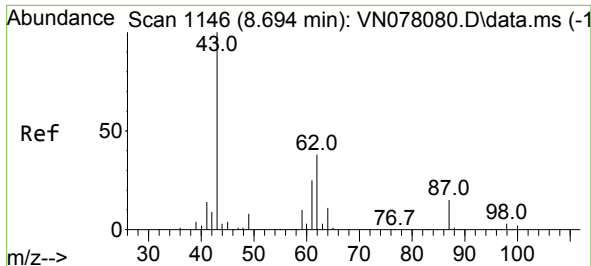
Tgt Ion: 75 Resp: 26792
Ion Ratio Lower Upper
75 100
110 10.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion: 117 Resp: 35606
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 23.3 34.9#

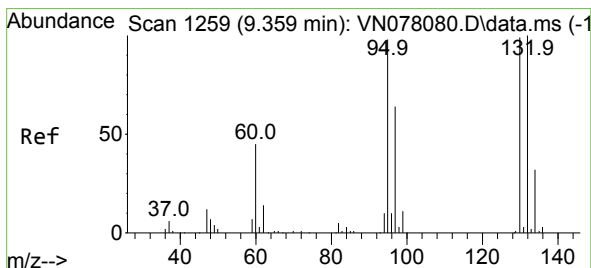
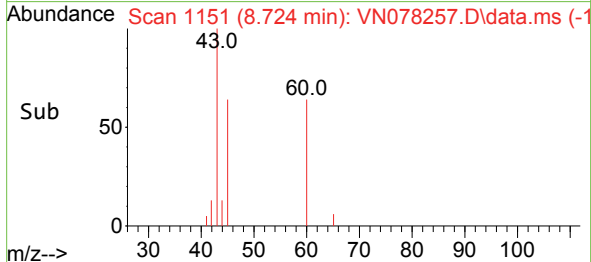
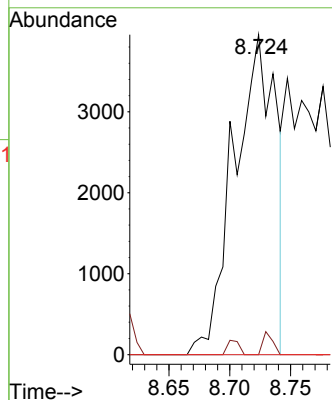
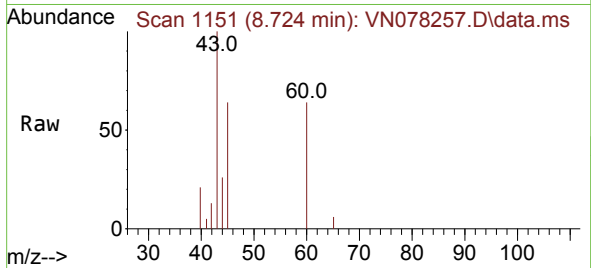




#43
Isopropyl Acetate
Concen: 1.185 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.030 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

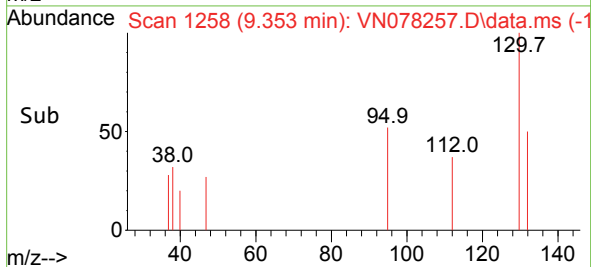
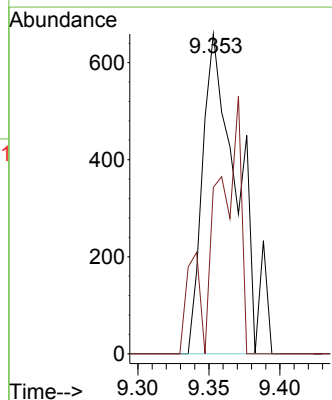
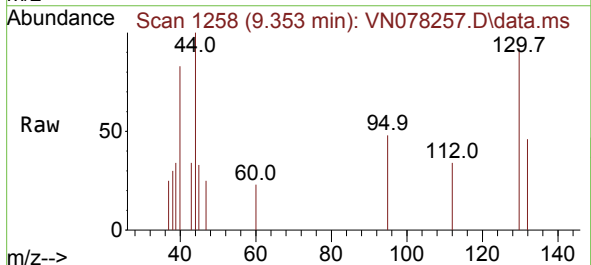
Instrument :
MSVOA_N
ClientSampleId :

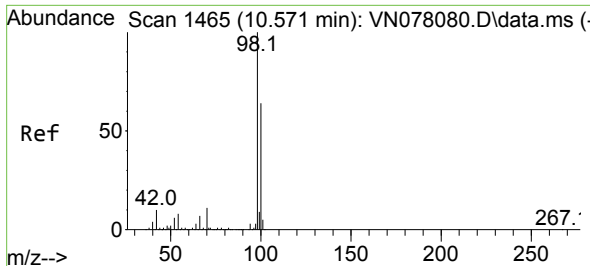
Tgt Ion: 43 Resp: 9471
Ion Ratio Lower Upper
43 100
61 1.7 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.269 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion:130 Resp: 1133
Ion Ratio Lower Upper
130 100
95 52.0 0.0 204.6

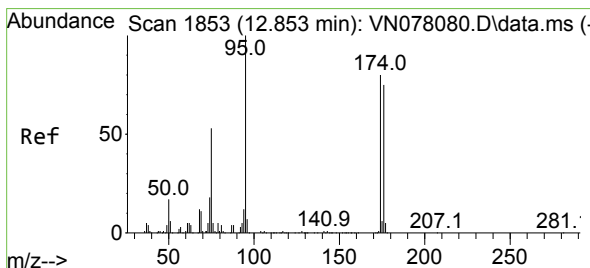
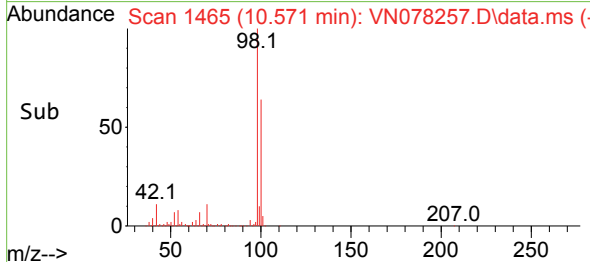
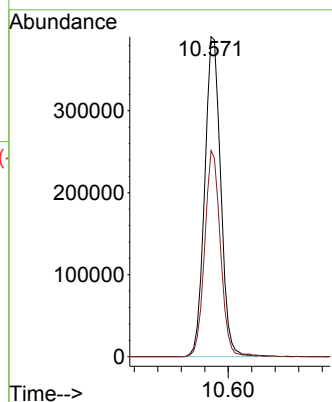
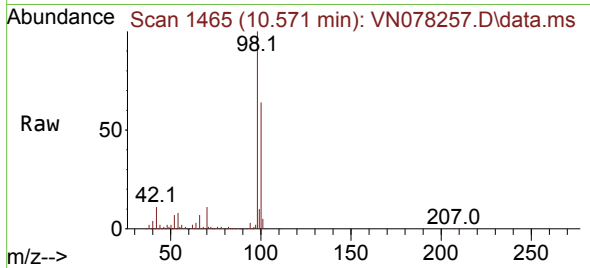




#50
Toluene-d8
Concen: 51.553 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

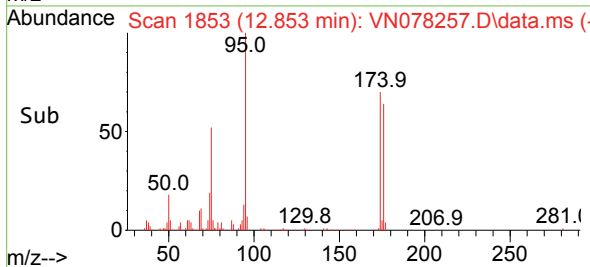
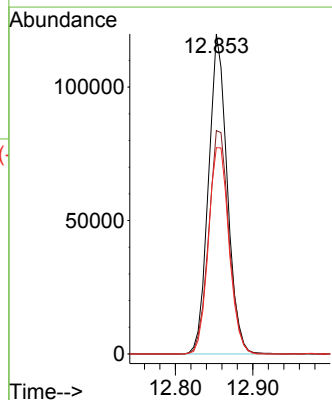
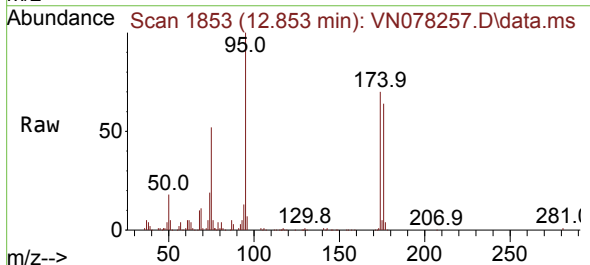
Instrument :
MSVOA_N
ClientSampleId :

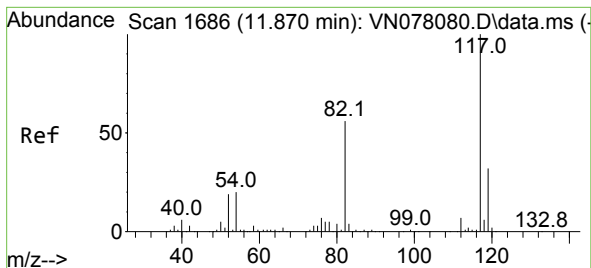
Tgt Ion: 98 Resp: 741267
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.201 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

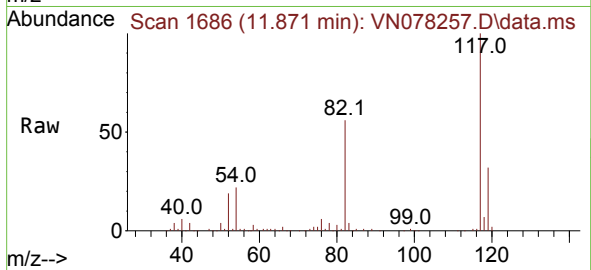
Tgt Ion: 95 Resp: 202050
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 70.8 0.0 135.8



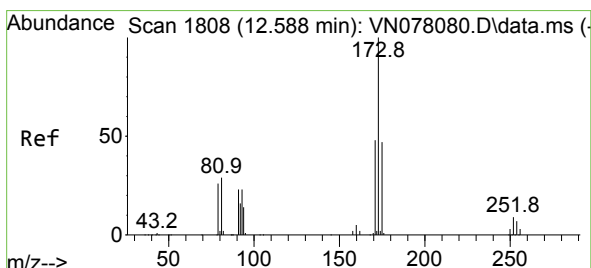
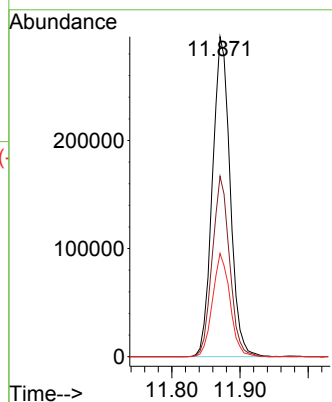
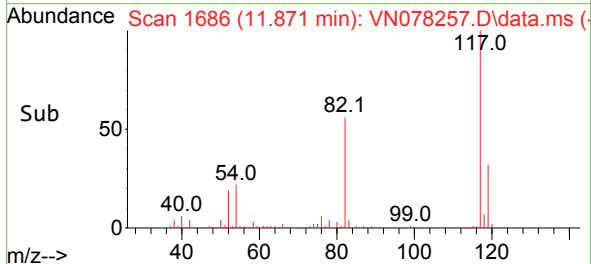


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

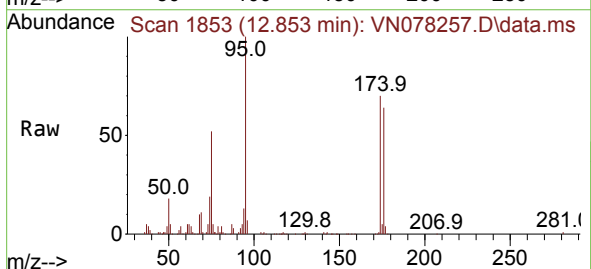
Instrument :
MSVOA_N
ClientSampleId :



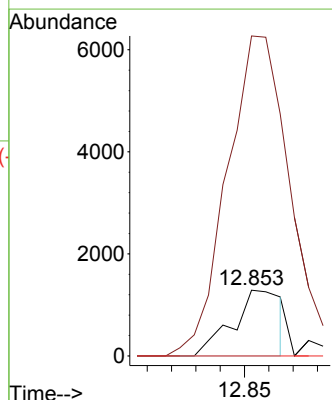
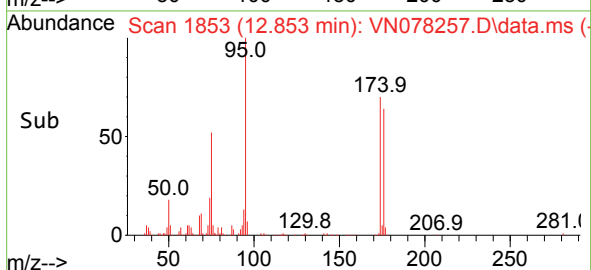
Tgt Ion:117 Resp: 534171
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.3 25.6 38.4

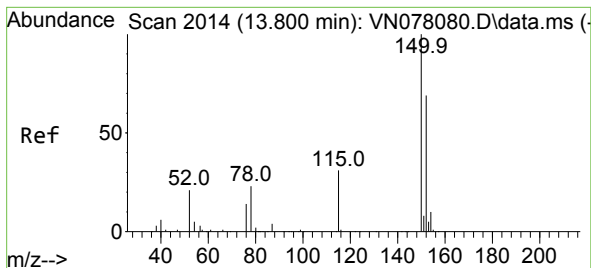


#71
Bromoform
Concen: 0.666 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.265 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05



Tgt Ion:173 Resp: 1808
Ion Ratio Lower Upper
173 100
175 523.5 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# 20

Delta R.T. 0.000 min

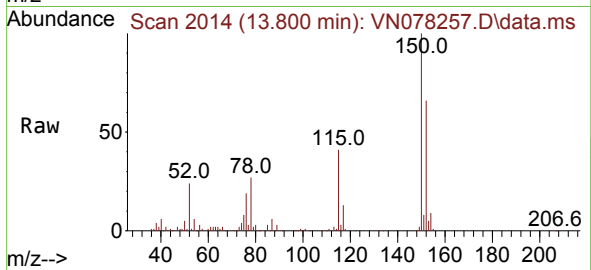
Lab File: VN078257.D

Acq: 16 Jun 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :



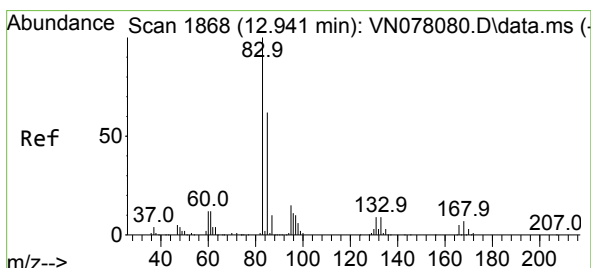
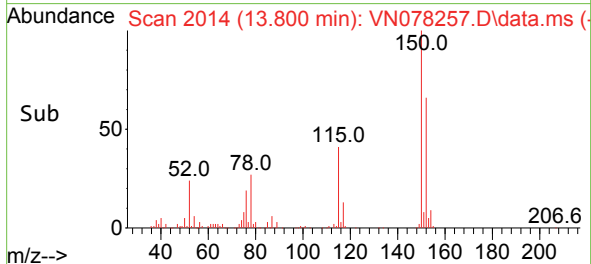
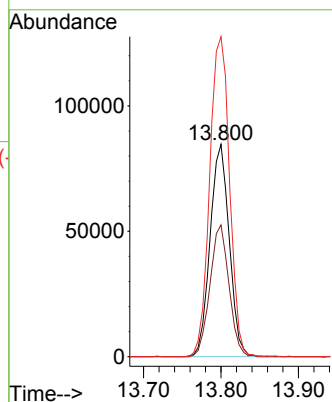
Tgt Ion:152 Resp: 145740

Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 155.7 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN078257.D

Acq: 16 Jun 2023 14:05

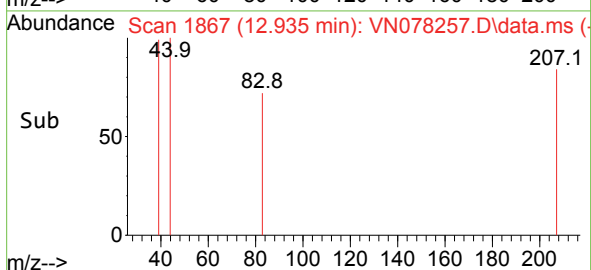
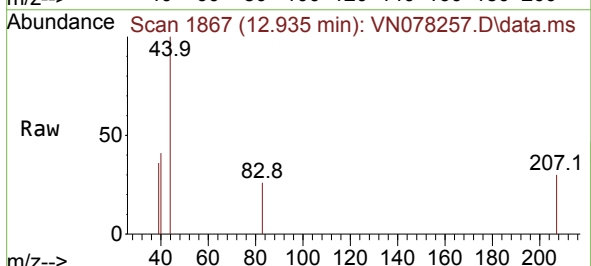
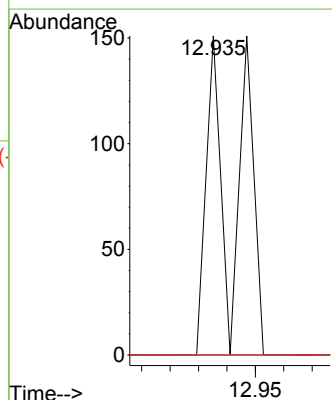
Tgt Ion: 83 Resp: 107

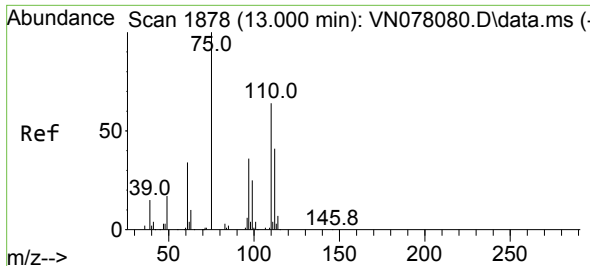
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#

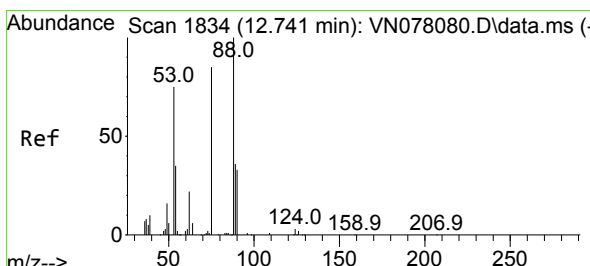
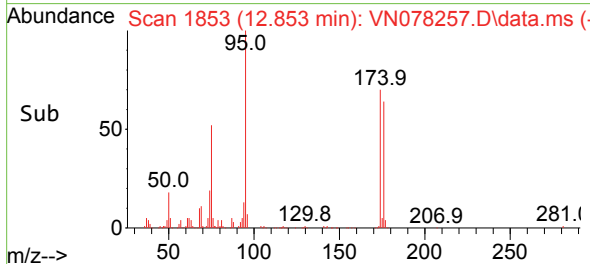
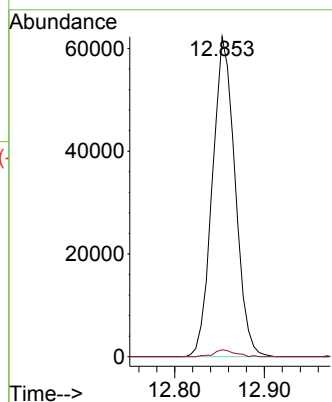
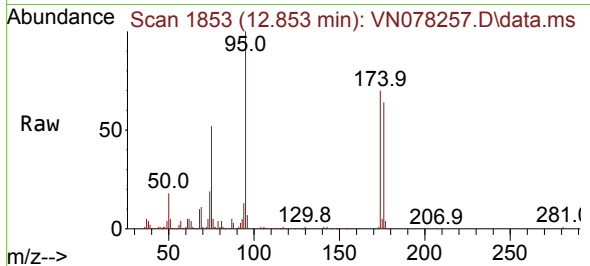




#76
1,2,3-Trichloropropane
Concen: 31.739 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 109351
Ion Ratio Lower Upper
75 100
77 2.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.511 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion: 75 Resp: 109351
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

