

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078238.D
 Acq On : 15 Jun 2023 19:10
 Operator : JC\MD
 Sample : 03231-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 06:11:33 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)

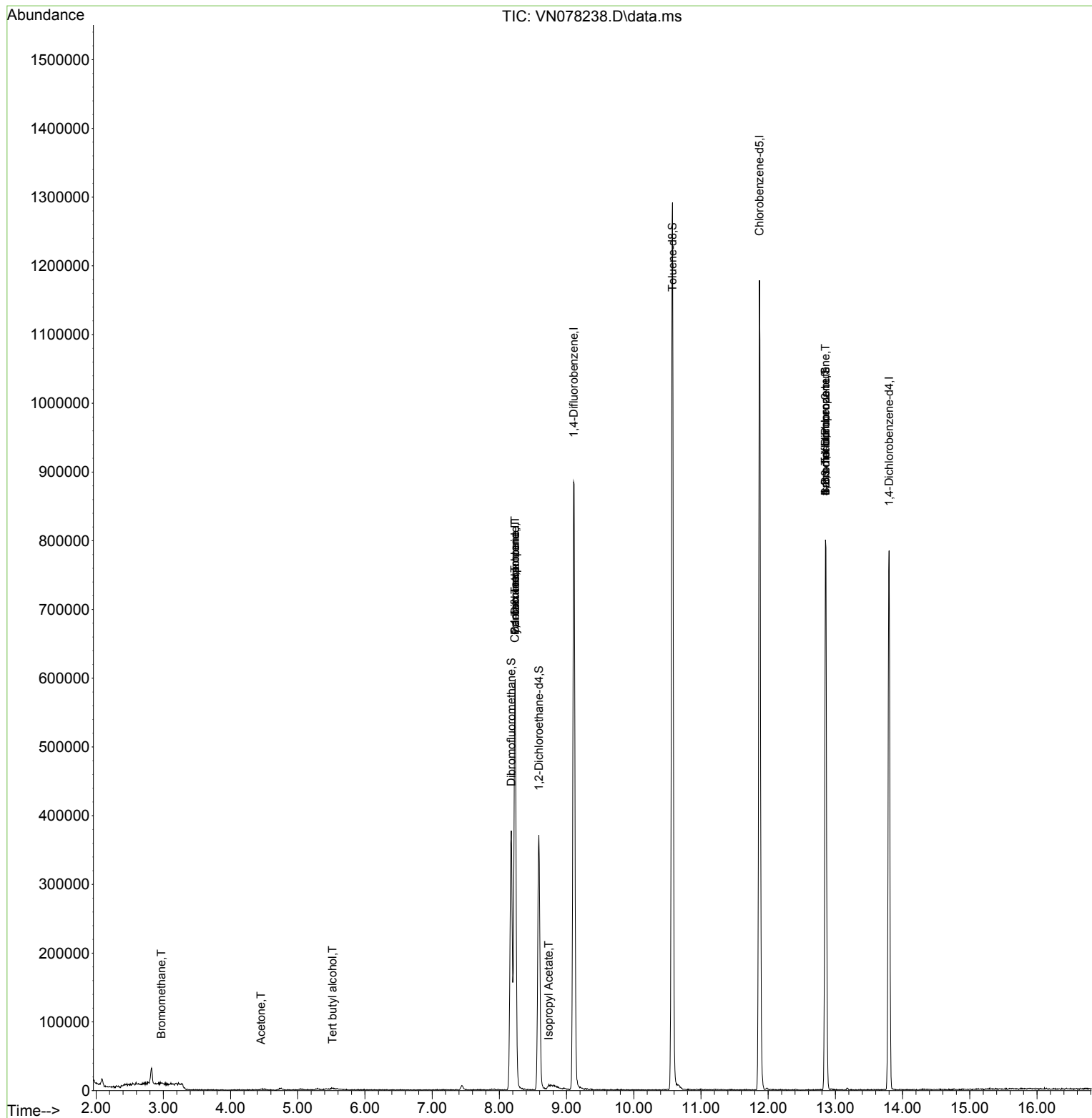
Internal Standards						
1) Pentafluorobenzene	8.236	168	426282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	790308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	701948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	217014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307912	54.175	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.360%			
35) Dibromofluoromethane	8.177	113	274377	54.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.820%			
50) Toluene-d8	10.577	98	934620	48.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.853	95	286556	47.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.700%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1184	Below Cal		97
5) Bromomethane	2.971	94	1226	0.257 ug/l #		78
11) Tert butyl alcohol	5.518	59	391	0.498 ug/l #		72
16) Acetone	4.453	43	1153	0.705 ug/l #		40
31) Cyclohexane	8.230	56	10749	1.474 ug/l #		38
36) 1,1-Dichloropropene	8.236	75	37124	5.179 ug/l #		49
38) Carbon Tetrachloride	8.236	117	46800	6.184 ug/l #		18
43) Isopropyl Acetate	8.735	43	3842	0.359 ug/l #		49
71) Bromoform	12.853	173	1479	0.415 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.871	83	166	Below Cal #		1
76) 1,2,3-Trichloropropane	12.853	75	160505	31.286 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	160505	96.120 ug/l #		15

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

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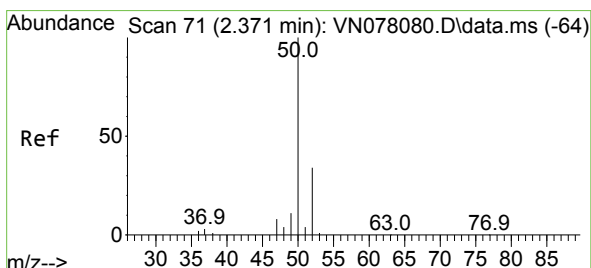
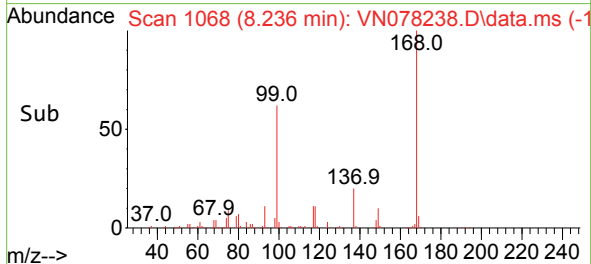
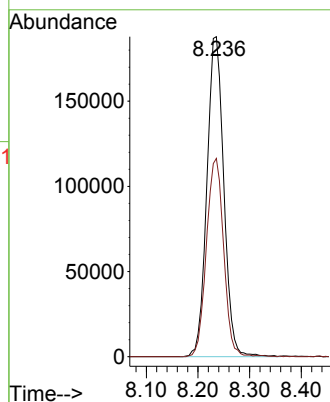
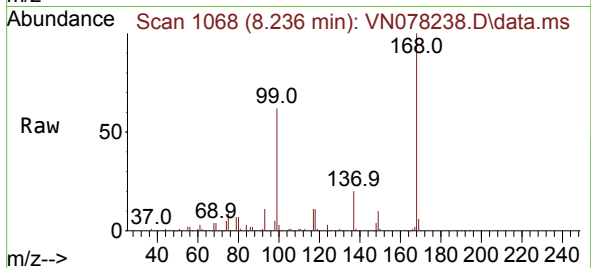




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

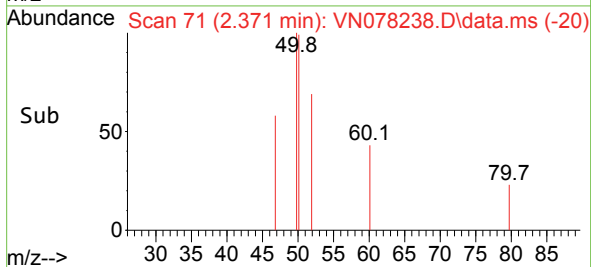
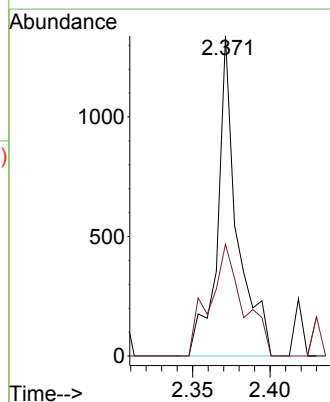
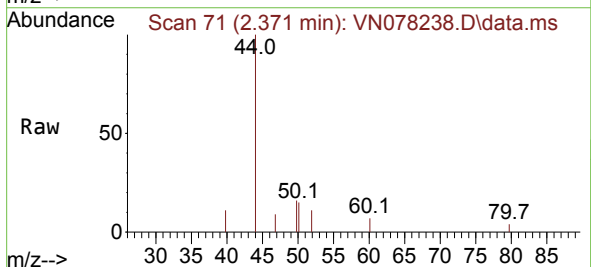
Instrument :
MSVOA_N
ClientSampleId :

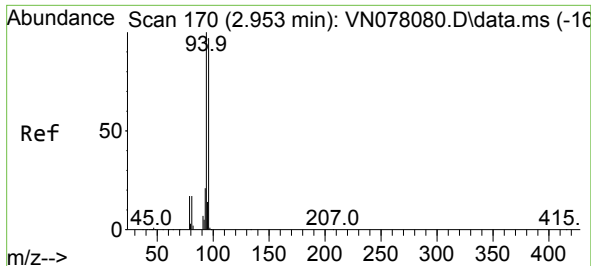
Tgt Ion:168 Resp: 426282
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion: 50 Resp: 1184
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

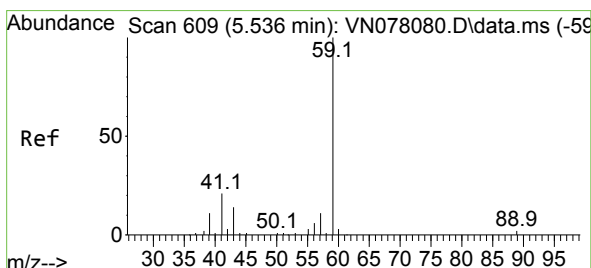
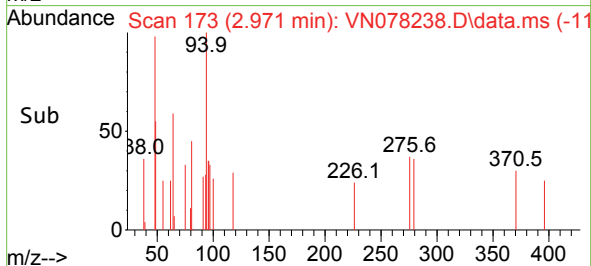
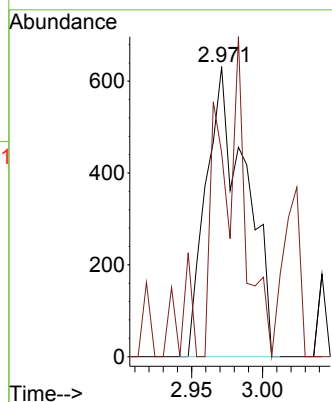
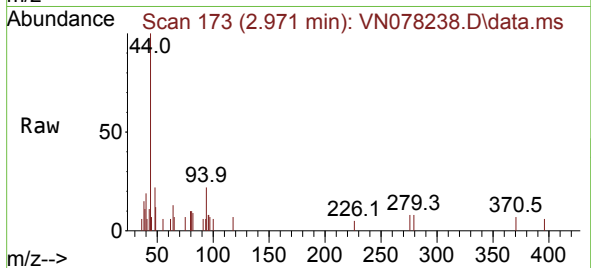




#5
Bromomethane
Concen: 0.257 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

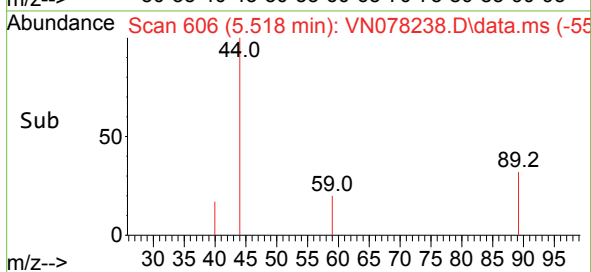
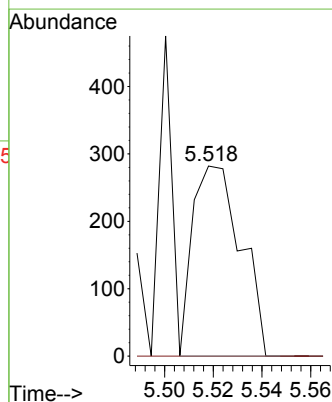
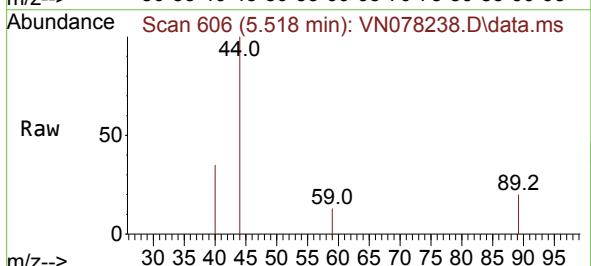
Instrument :
MSVOA_N
ClientSampleId :

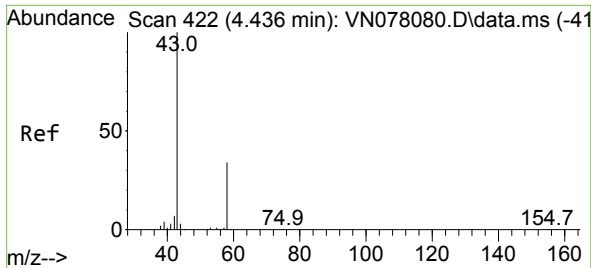
Tgt Ion: 94 Resp: 1226
Ion Ratio Lower Upper
94 100
96 70.3 73.1 109.7#



#11
Tert butyl alcohol
Concen: 0.498 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

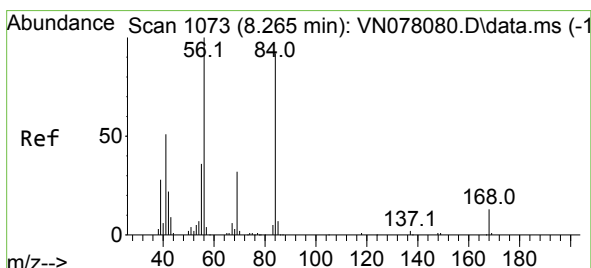
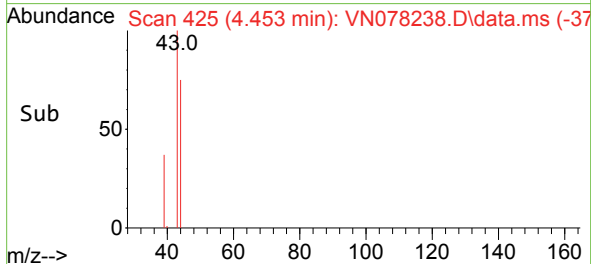
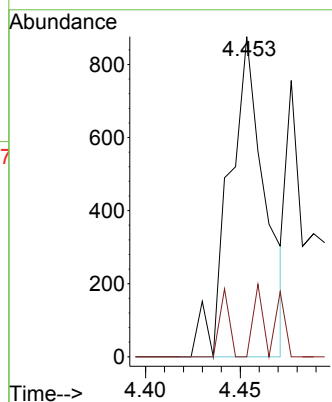
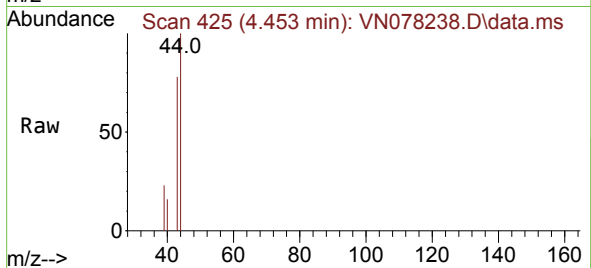




#16
Acetone
Concen: 0.705 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

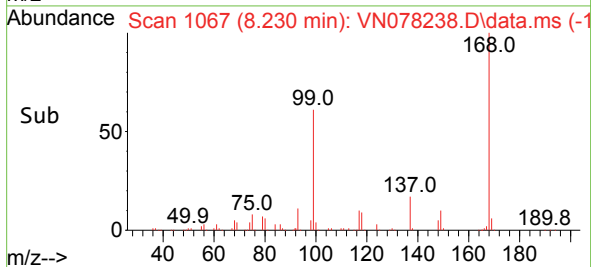
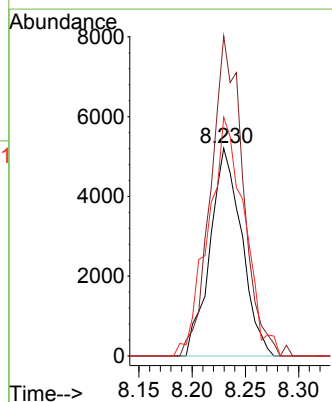
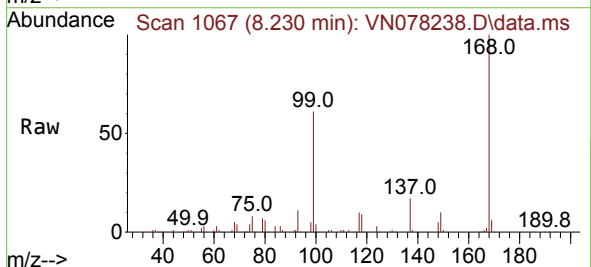
Instrument :
MSVOA_N
ClientSampleId :

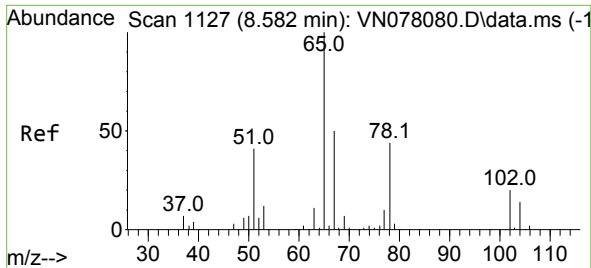
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.474 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion: 56 Resp: 10749
Ion Ratio Lower Upper
56 100
69 154.0 26.8 40.2#
84 114.9 81.8 122.6

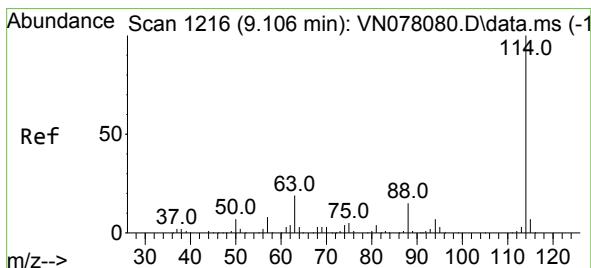
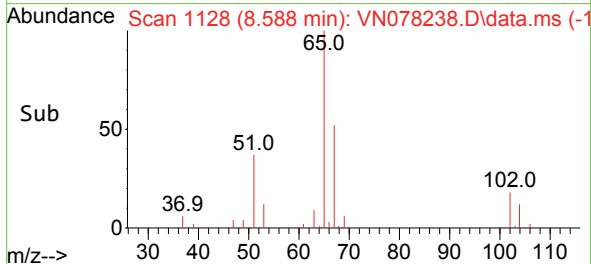
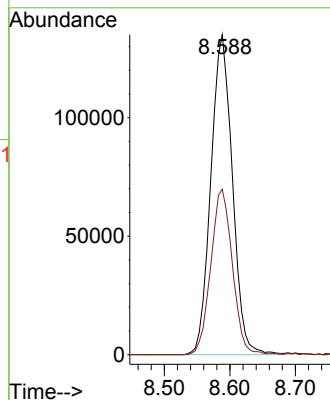
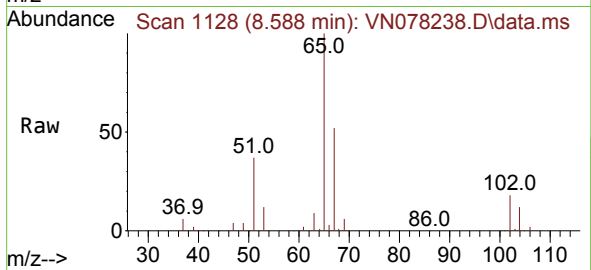




#33
 1,2-Dichloroethane-d4
 Concen: 54.175 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078238.D
 Acq: 15 Jun 2023 19:10

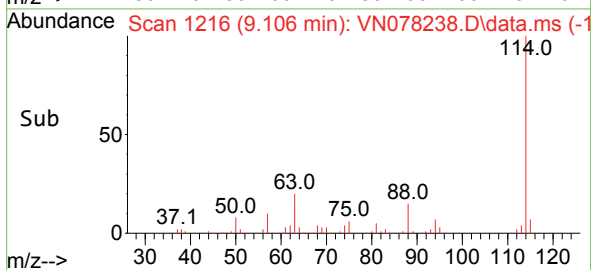
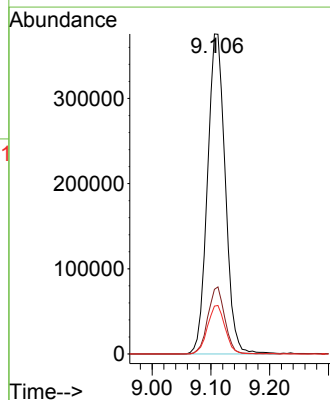
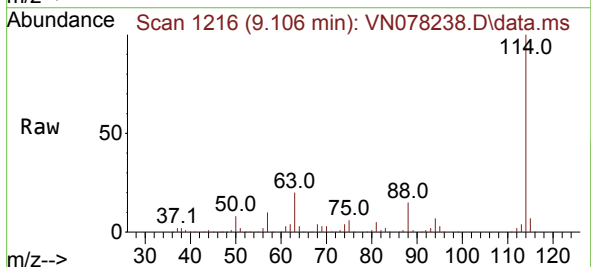
Instrument :
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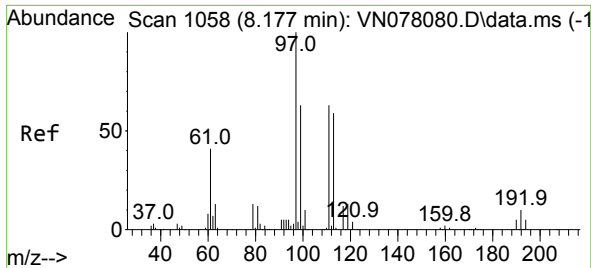
Tgt Ion: 65 Resp: 307912
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078238.D
 Acq: 15 Jun 2023 19:10

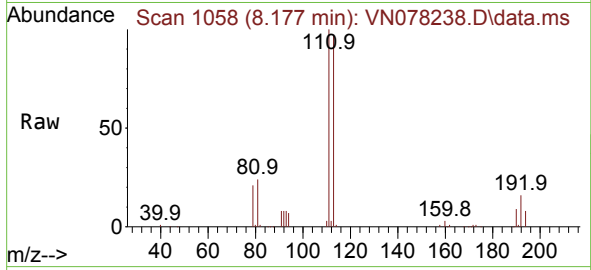
Tgt Ion: 114 Resp: 790308
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.4
 88 14.9 0.0 30.6



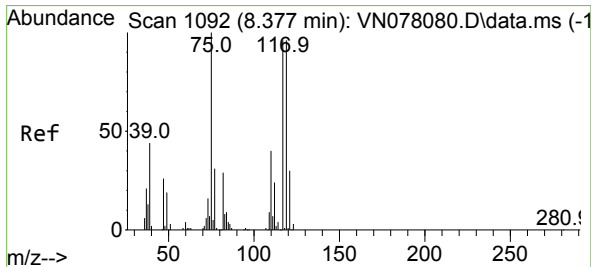
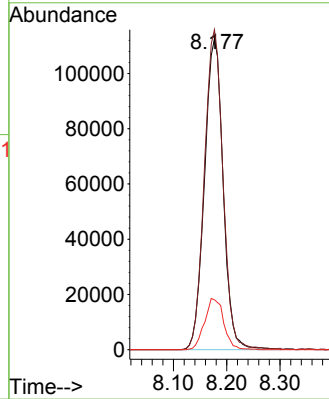
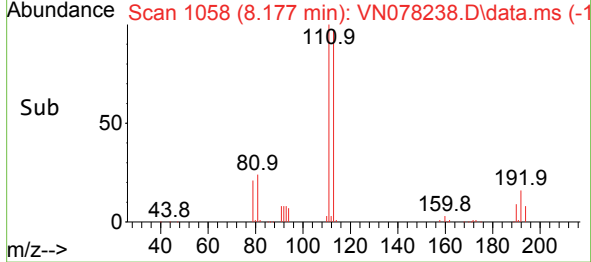


#35
 Dibromofluoromethane
 Concen: 54.908 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078238.D
 Acq: 15 Jun 2023 19:10

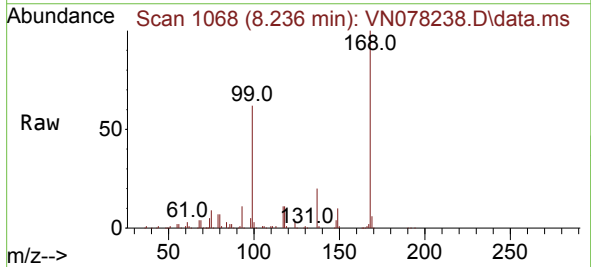
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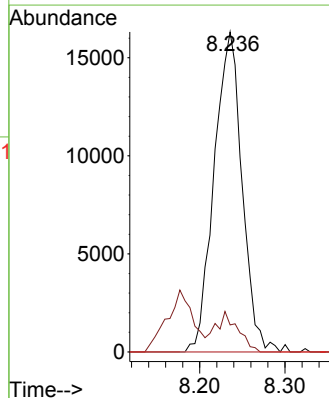
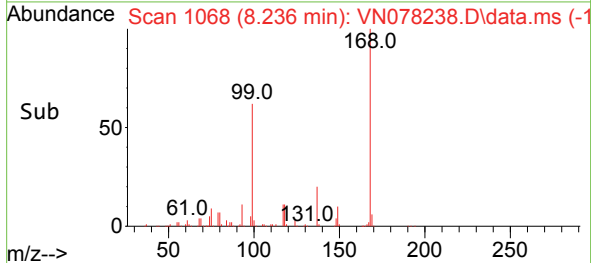
Tgt Ion:113 Resp: 274377
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 123.8
 192 16.9 12.7 19.1

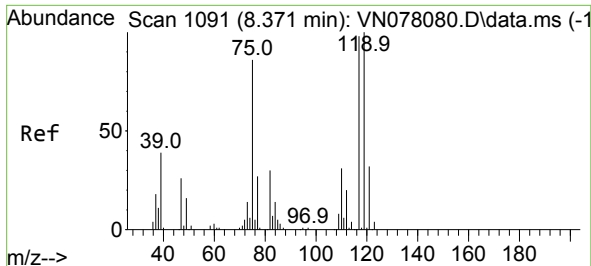


#36
 1,1-Dichloropropene
 Concen: 5.179 ug/l
 RT: 8.236 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VN078238.D
 Acq: 15 Jun 2023 19:10



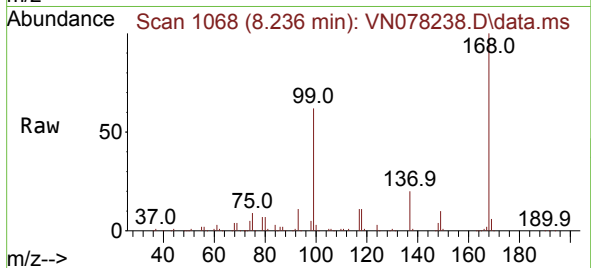
Tgt Ion: 75 Resp: 37124
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.1 57.3#
 77 0.0 25.0 37.4#



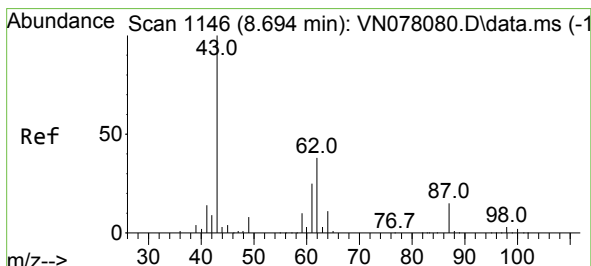
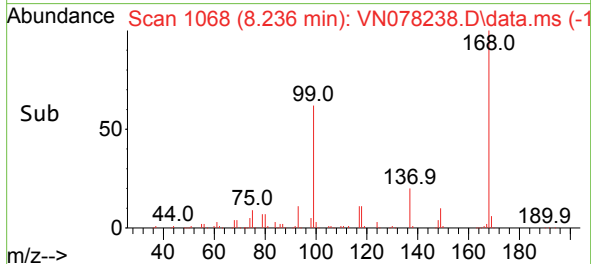
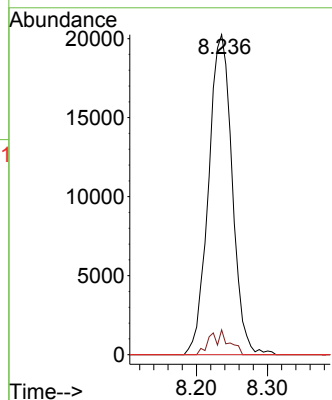


#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :

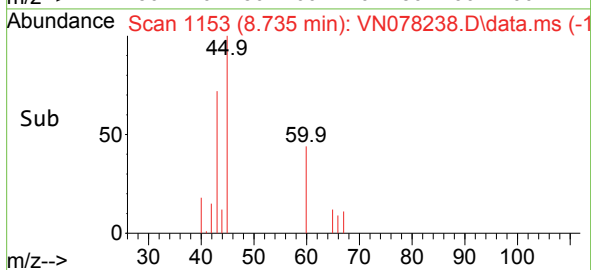
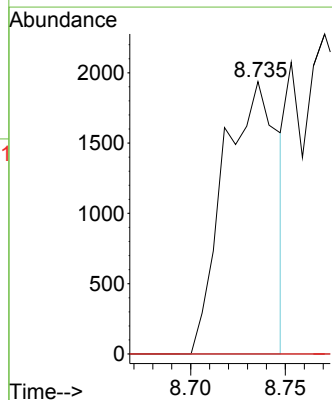
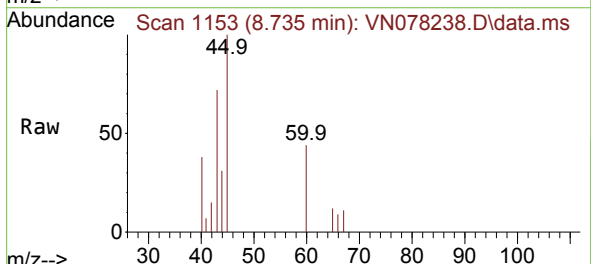


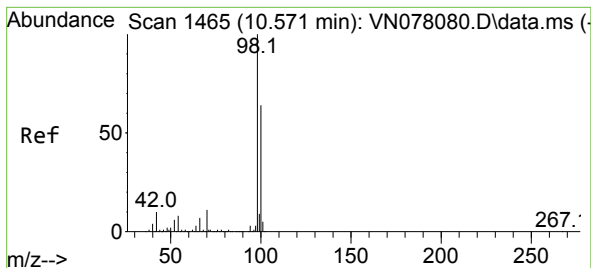
Tgt Ion:117 Resp: 46800
Ion Ratio Lower Upper
117 100
119 7.7 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.359 ug/l
RT: 8.735 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion: 43 Resp: 3842
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 48.516 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN078238.D

Acq: 15 Jun 2023 19:10

Instrument :

MSVOA_N

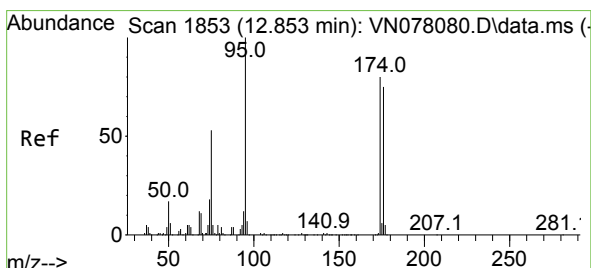
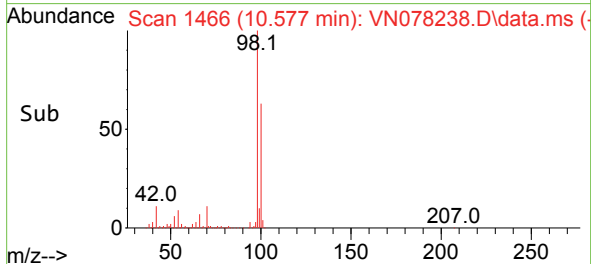
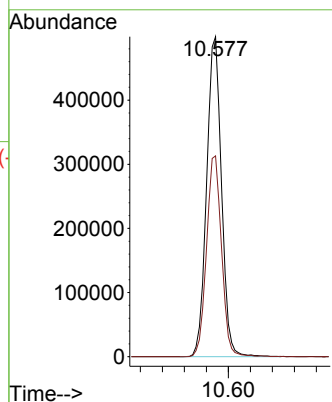
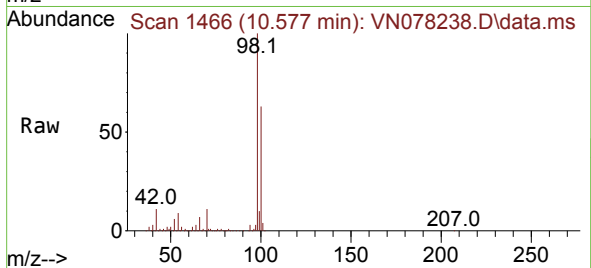
ClientSampleId :

Tgt Ion: 98 Resp: 934620

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.849 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078238.D

Acq: 15 Jun 2023 19:10

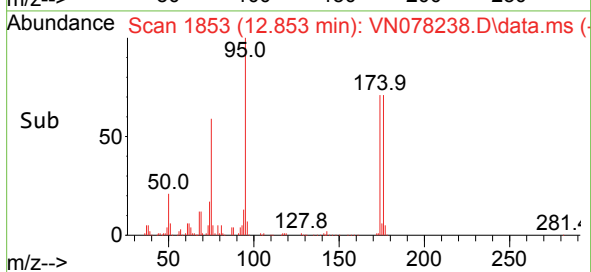
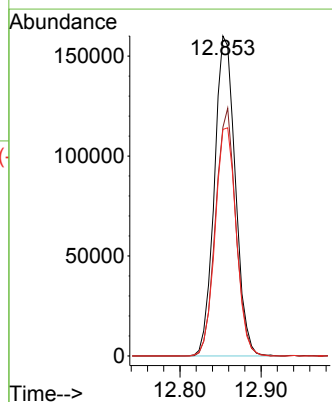
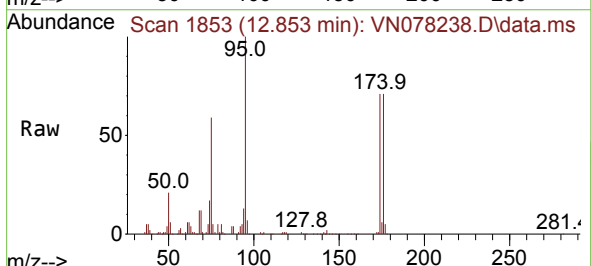
Tgt Ion: 95 Resp: 286556

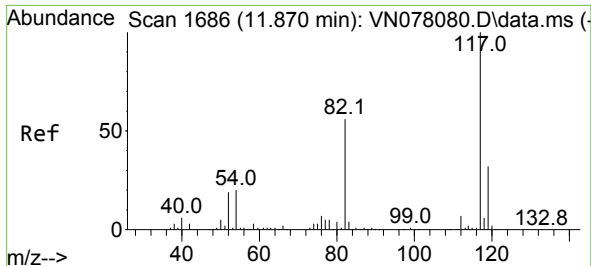
Ion Ratio Lower Upper

95 100

174 74.8 0.0 143.8

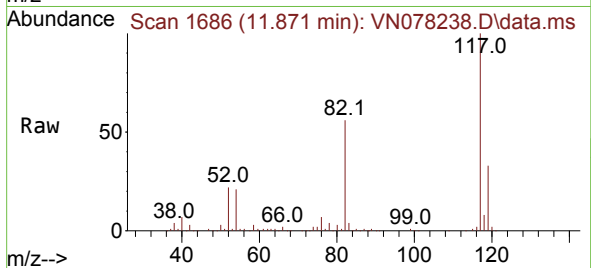
176 72.2 0.0 135.8



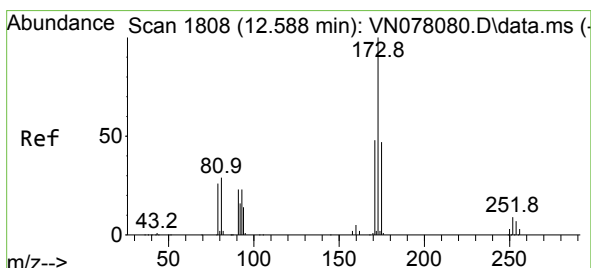
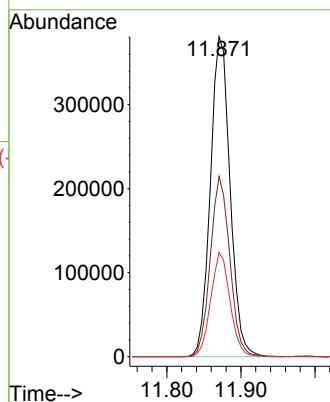
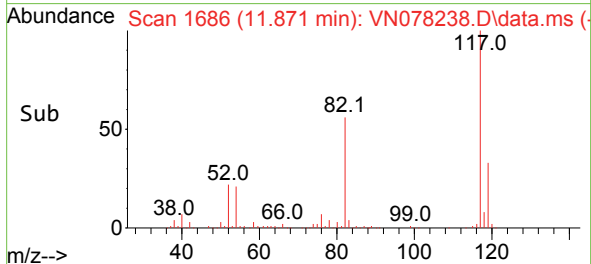


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

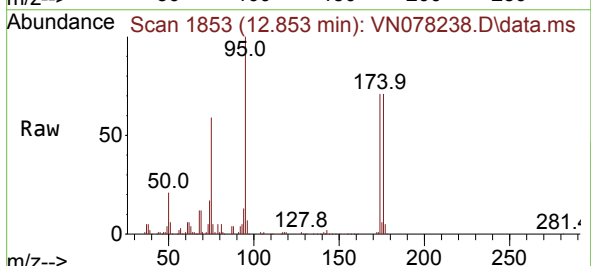
Instrument :
MSVOA_N
ClientSampleId :



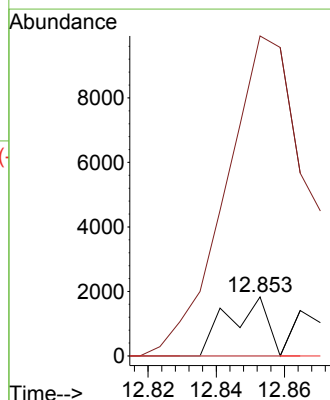
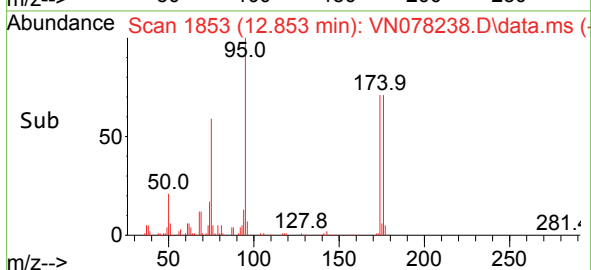
Tgt Ion:117 Resp: 701948
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.5 25.6 38.4

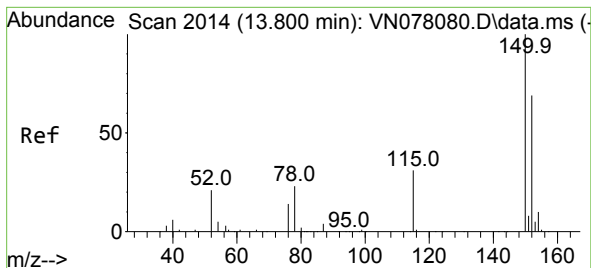


#71
Bromoform
Concen: 0.415 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.265 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10



Tgt Ion:173 Resp: 1479
Ion Ratio Lower Upper
173 100
175 958.7 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: VN078238.D

Acq: 15 Jun 2023 19:10

Instrument :

MSVOA_N

ClientSampleId :

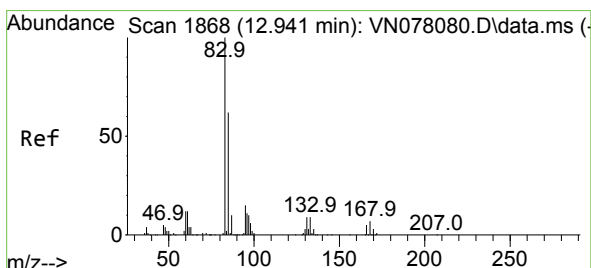
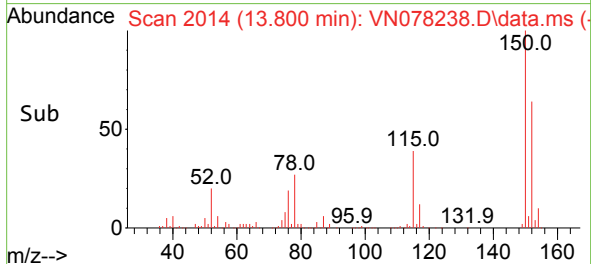
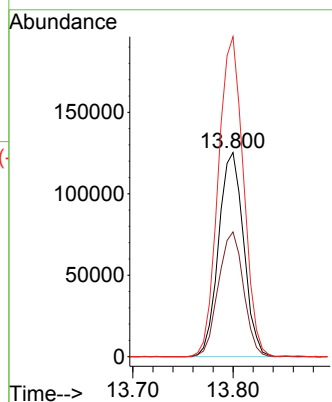
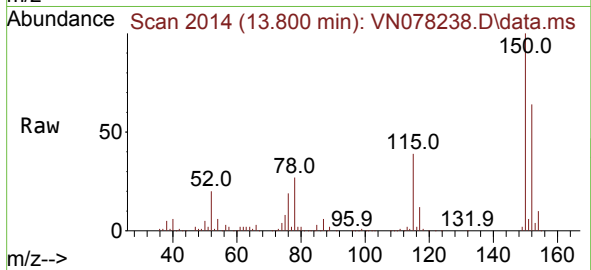
Tgt Ion:152 Resp: 217014

Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 158.0 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.871 min Scan# 1856

Delta R.T. -0.071 min

Lab File: VN078238.D

Acq: 15 Jun 2023 19:10

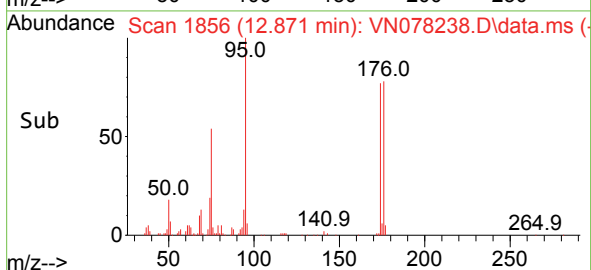
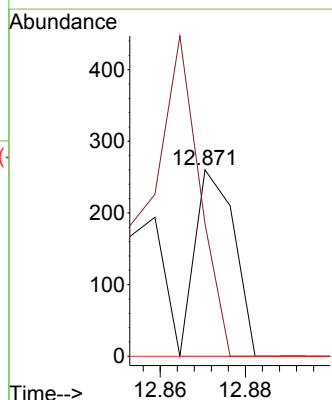
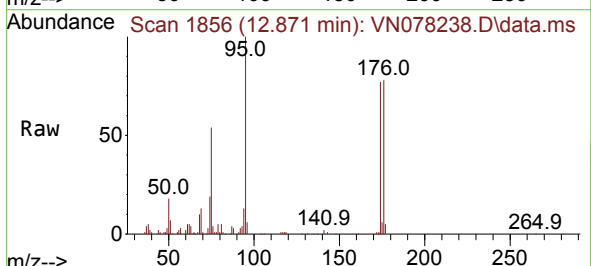
Tgt Ion: 83 Resp: 166

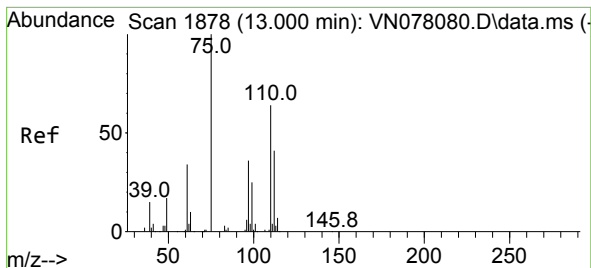
Ion Ratio Lower Upper

83 100

131 221.1 5.0 15.0#

85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 31.286 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078238.D

Acq: 15 Jun 2023 19:10

Instrument :

MSVOA_N

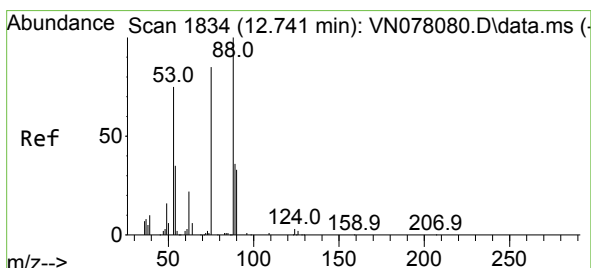
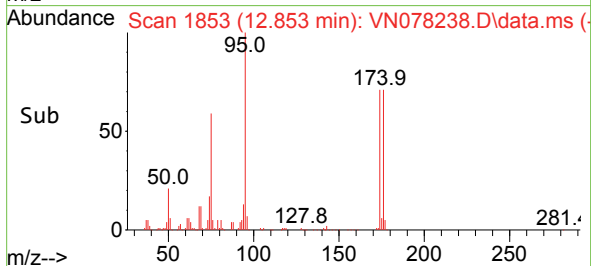
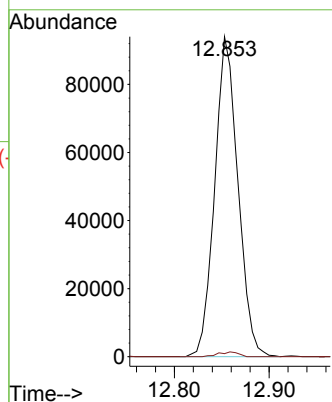
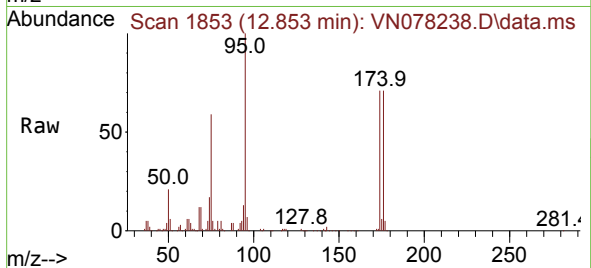
ClientSampleId :

Tgt Ion: 75 Resp: 160505

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.120 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078238.D

Acq: 15 Jun 2023 19:10

Tgt Ion: 75 Resp: 160505

Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

