

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078893.D
 Acq On : 16 Aug 2023 10:56
 Operator : JC\MD
 Sample : VN0816WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBL01

Quant Time: Aug 17 01:12:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

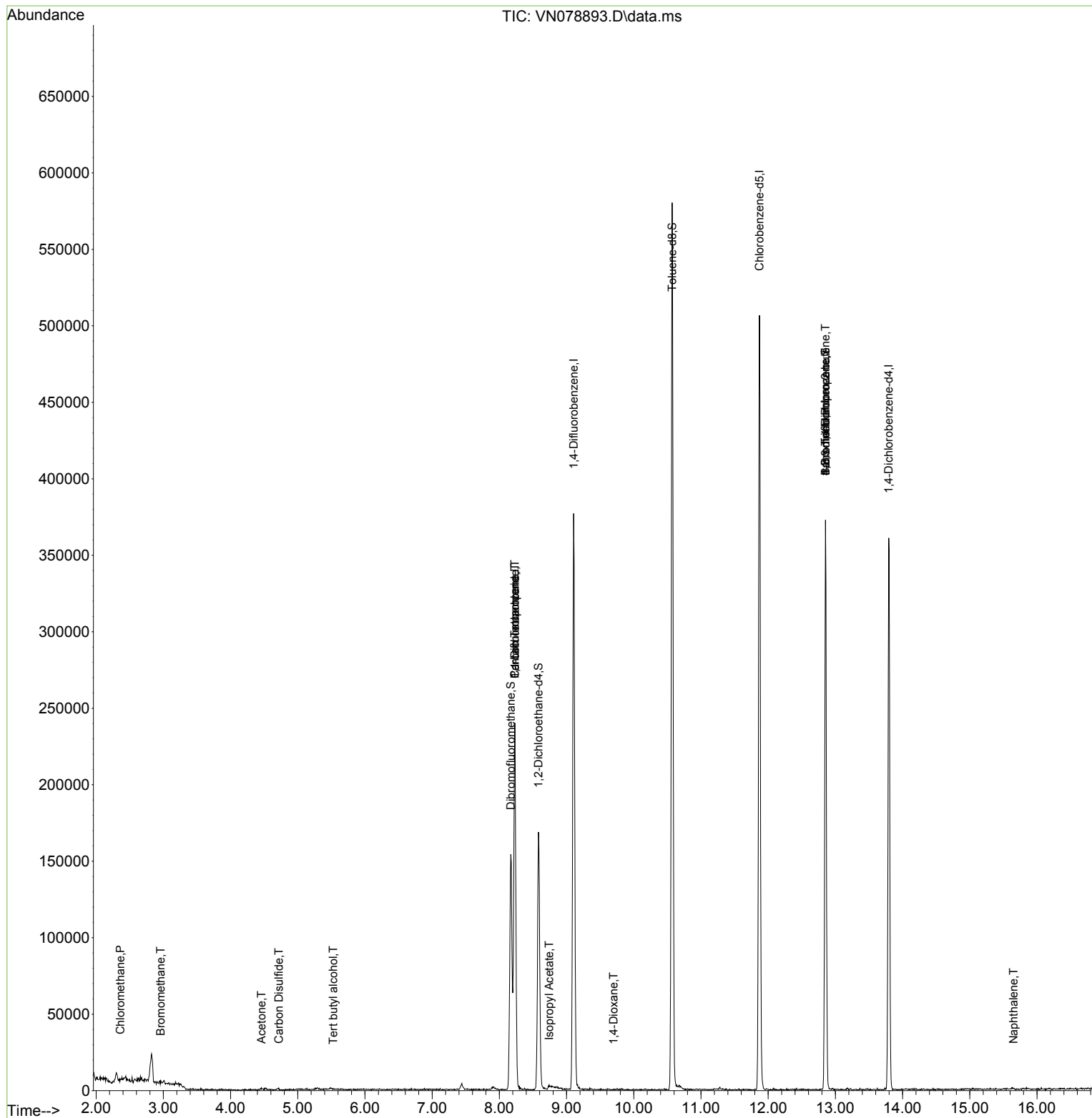
Internal Standards						
1) Pentafluorobenzene	8.230	168	161788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136013	54.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.060%	
35) Dibromofluoromethane	8.171	113	106320	51.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.220%	
50) Toluene-d8	10.571	98	383093	50.082	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.853	95	116305	46.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1799	0.574	ug/l	94
5) Bromomethane	2.959	94	641	0.406	ug/l	82
11) Tert butyl alcohol	5.530	59	157	0.372	ug/l #	72
16) Acetone	4.459	43	862	0.830	ug/l #	40
17) Carbon Disulfide	4.718	76	1802	0.371	ug/l #	75
31) Cyclohexane	8.230	56	4641	Below Cal	#	46
36) 1,1-Dichloropropene	8.230	75	15850	5.115	ug/l #	48
38) Carbon Tetrachloride	8.230	117	17782	5.727	ug/l #	17
43) Isopropyl Acetate	8.741	43	1662	0.271	ug/l #	49
49) 1,4-Dioxane	9.700	88	58	1.226	ug/l #	30
71) Bromoform	12.853	173	416	0.253	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65800	30.481	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65800	77.865	ug/l #	15
95) Naphthalene	15.653	128	924	2.787	ug/l #	70

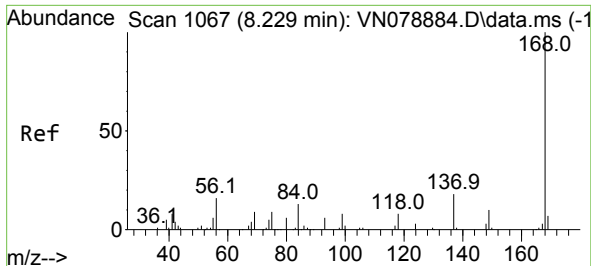
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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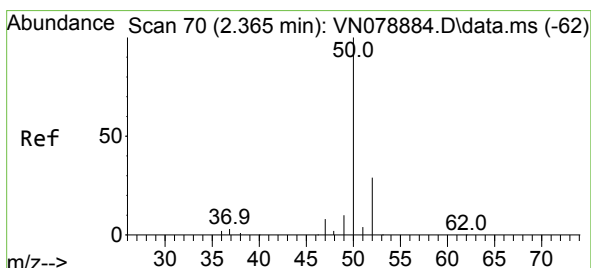
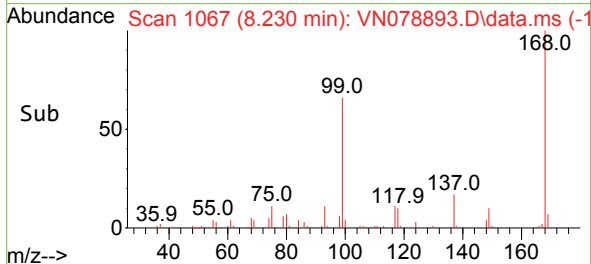
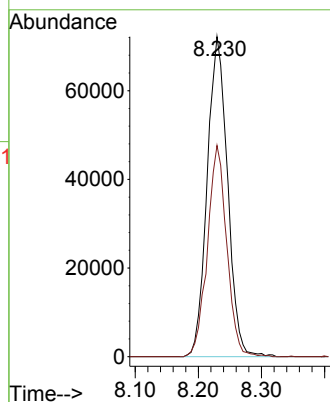
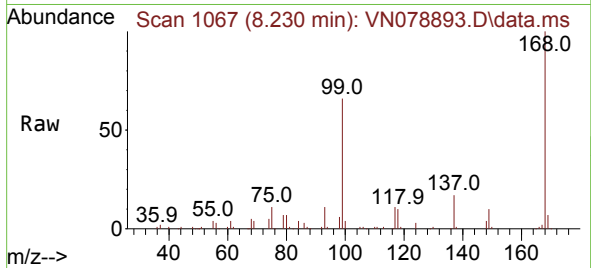




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

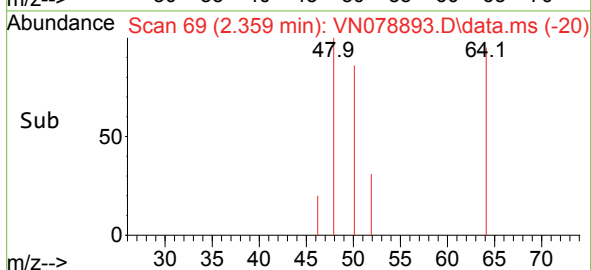
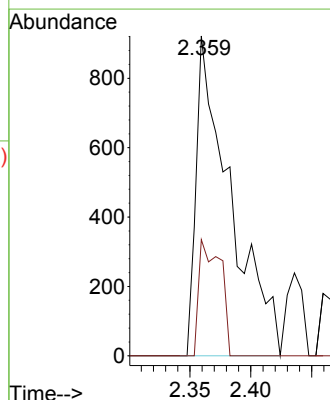
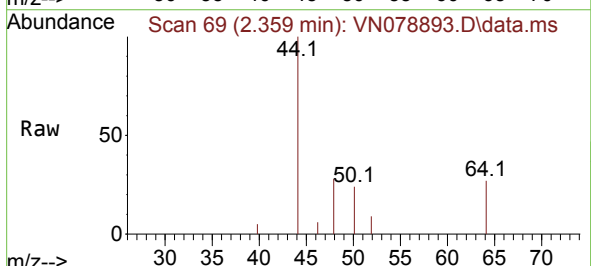
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

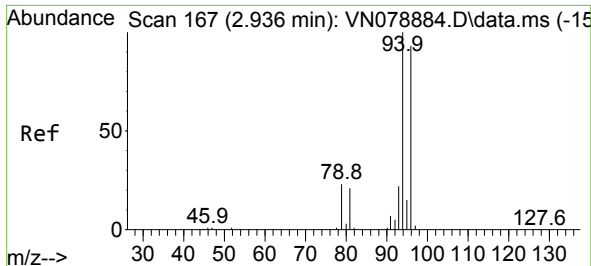
Tgt Ion:168 Resp: 161788
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#3
Chloromethane
Concen: 0.574 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.012 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion: 50 Resp: 1799
Ion Ratio Lower Upper
50 100
52 36.3 26.5 39.7





#5

Bromomethane

Concen: 0.406 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.011 min

Lab File: VN078893.D

Acq: 16 Aug 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

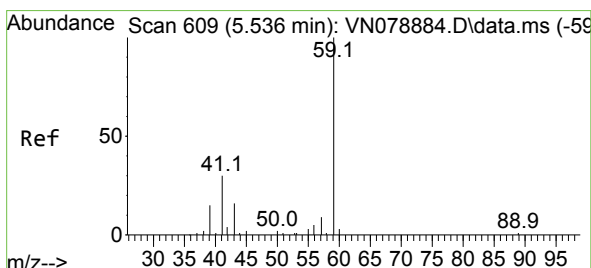
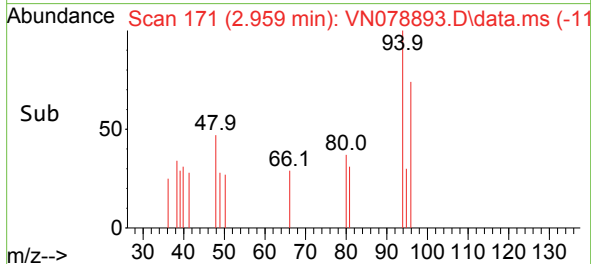
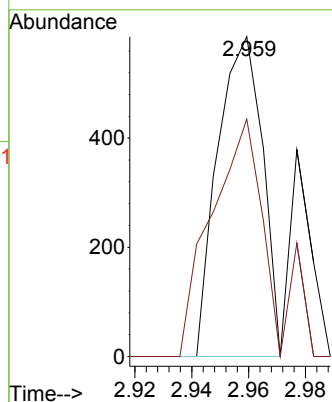
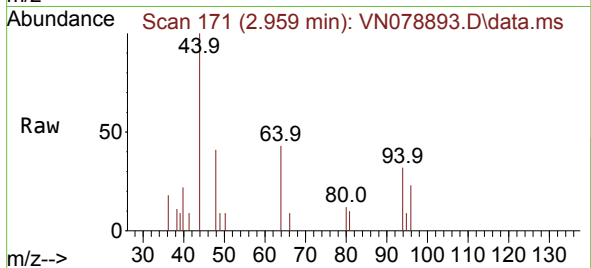
VN0816WBL01

Tgt Ion: 94 Resp: 641

Ion Ratio Lower Upper

94 100

96 74.2 73.1 109.7



#11

Tert butyl alcohol

Concen: 0.372 ug/l

RT: 5.530 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN078893.D

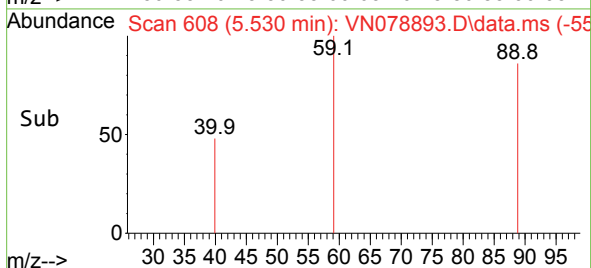
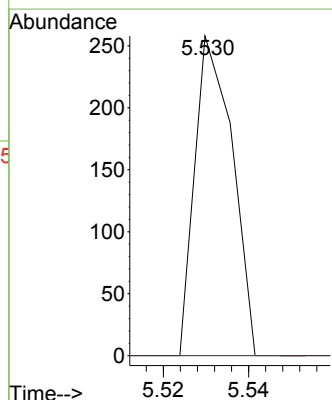
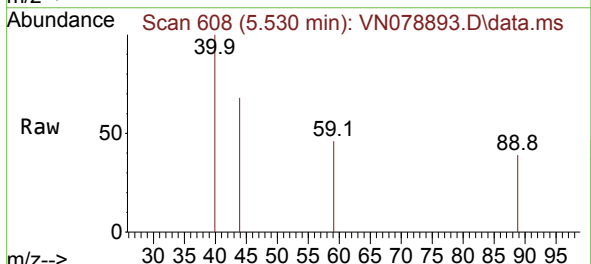
Acq: 16 Aug 2023 10:56

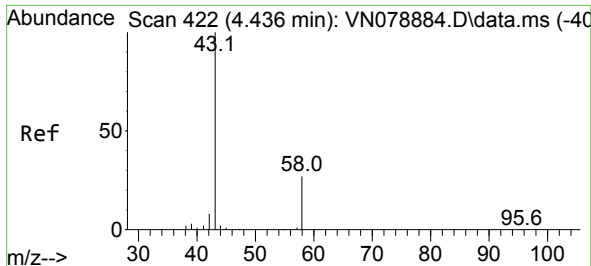
Tgt Ion: 59 Resp: 157

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.830 ug/l

RT: 4.459 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN078893.D

Acq: 16 Aug 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

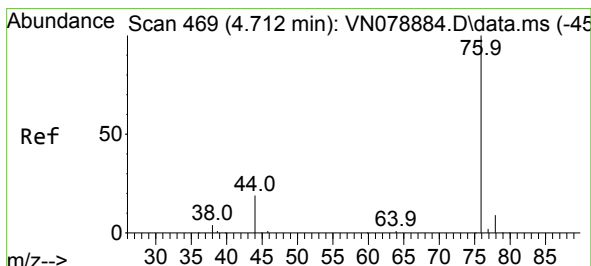
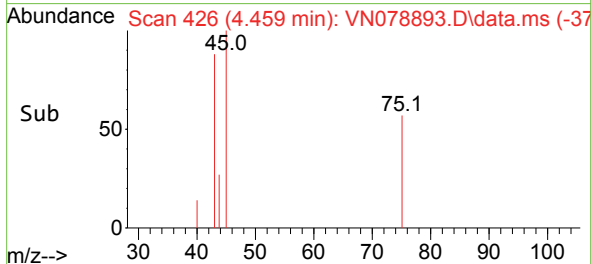
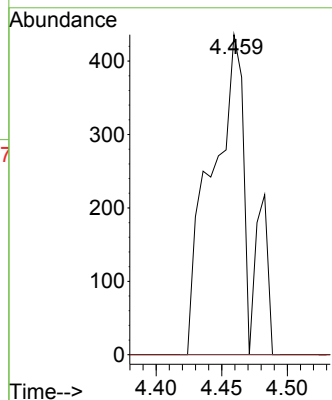
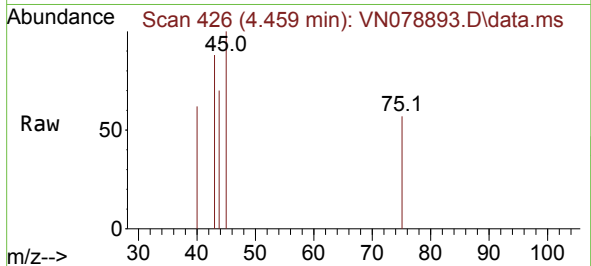
VN0816WBL01

Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.371 ug/l

RT: 4.718 min Scan# 470

Delta R.T. -0.006 min

Lab File: VN078893.D

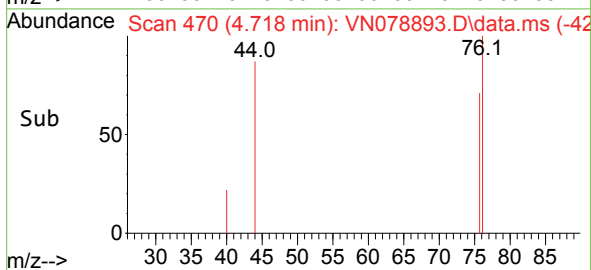
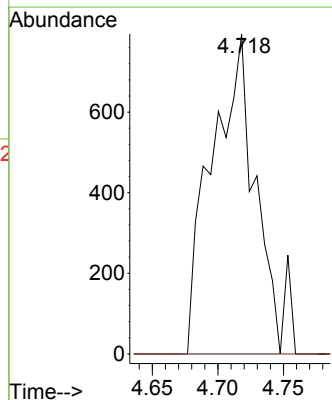
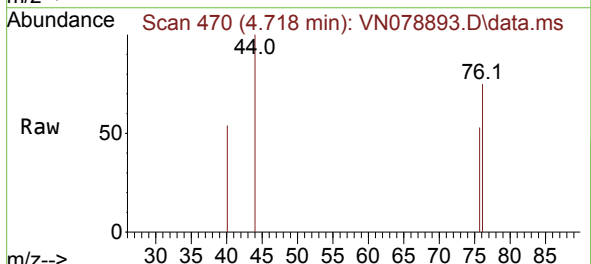
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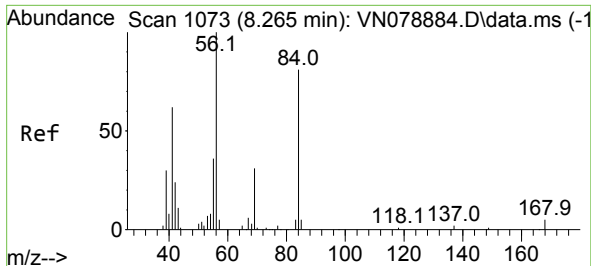
Tgt Ion: 76 Resp: 1802

Ion Ratio Lower Upper

76 100

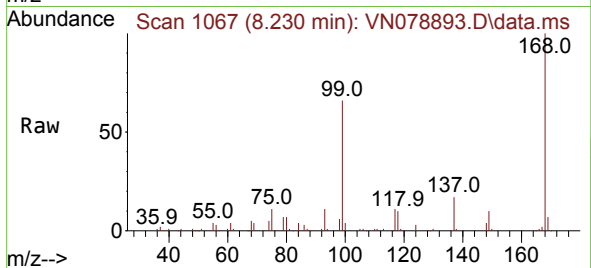
78 0.0 7.4 11.0#



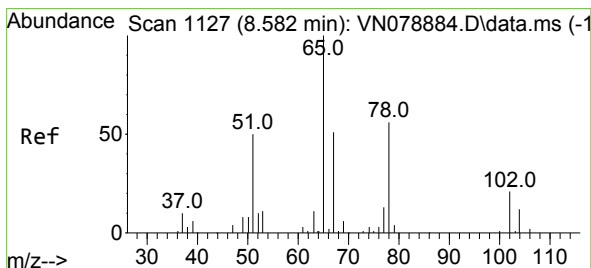
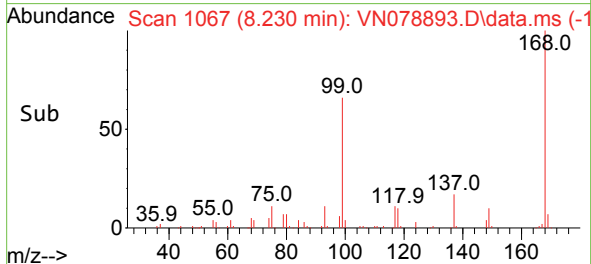
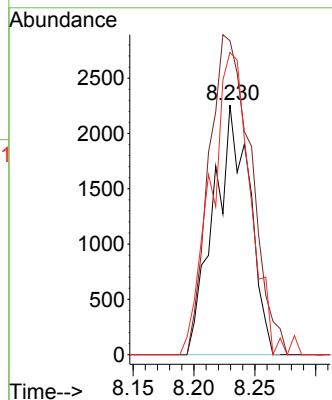


#31
Cyclohexane
Concen: Below Cal
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

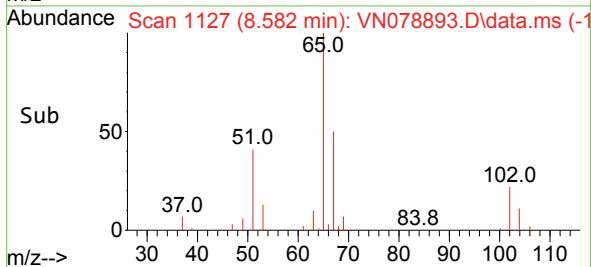
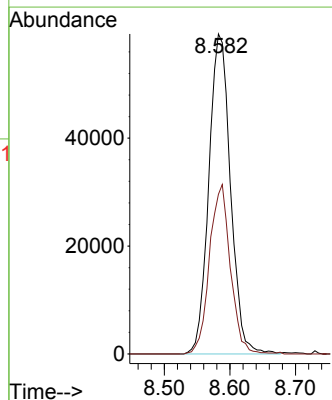
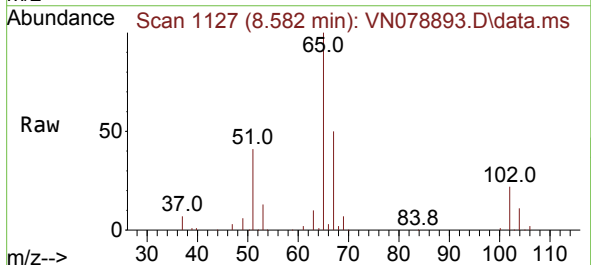


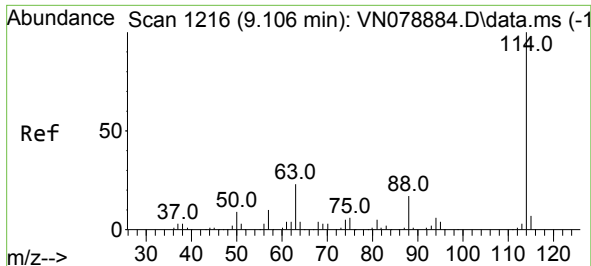
Tgt Ion: 56 Resp: 4641
Ion Ratio Lower Upper
56 100
69 125.7 26.8 40.2#
84 121.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.026 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion: 65 Resp: 136013
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.6

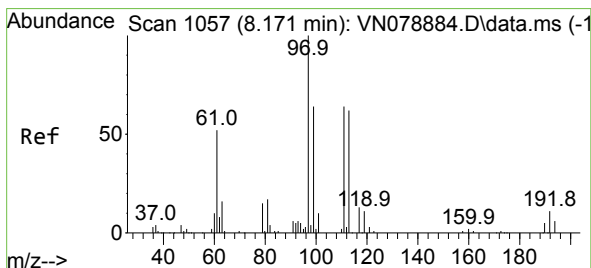
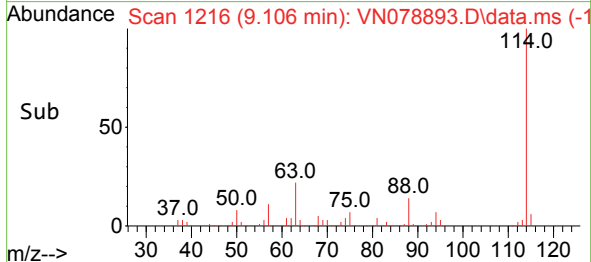
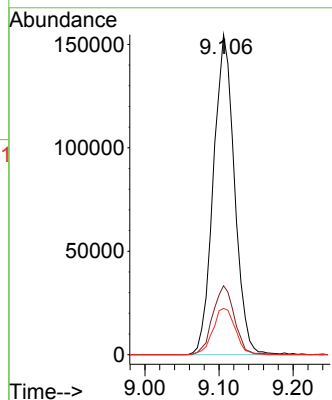
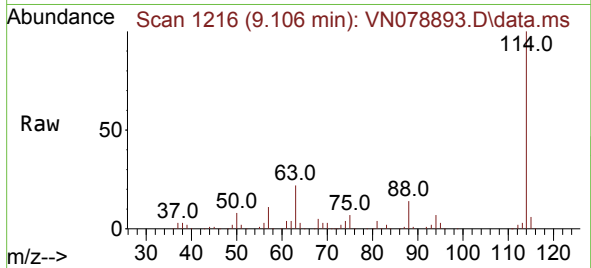




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

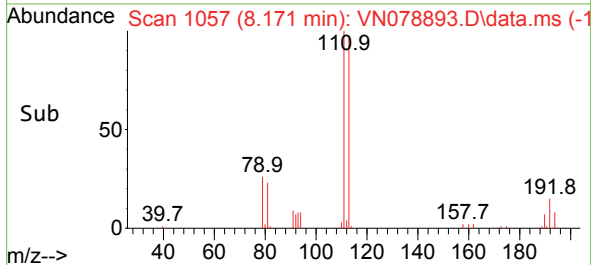
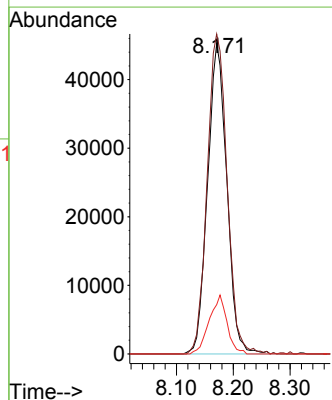
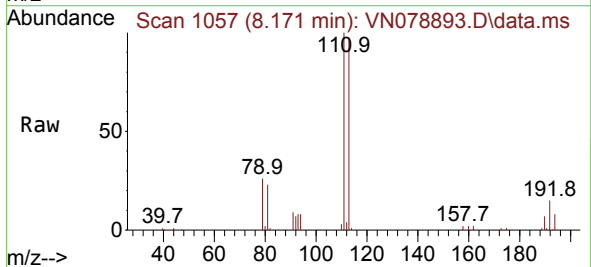
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

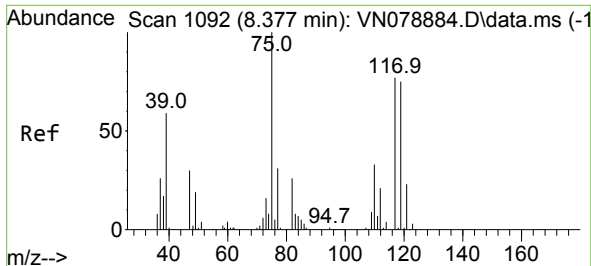
Tgt Ion:114 Resp: 306037
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.610 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion:113 Resp: 106320
Ion Ratio Lower Upper
113 100
111 106.8 82.6 123.8
192 17.5 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.115 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078893.D

Acq: 16 Aug 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBL01

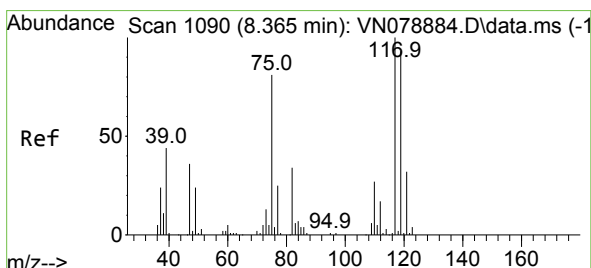
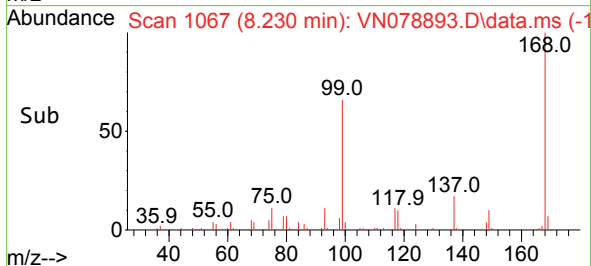
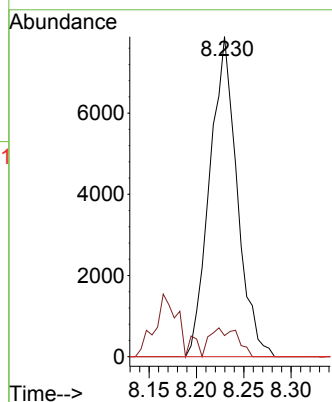
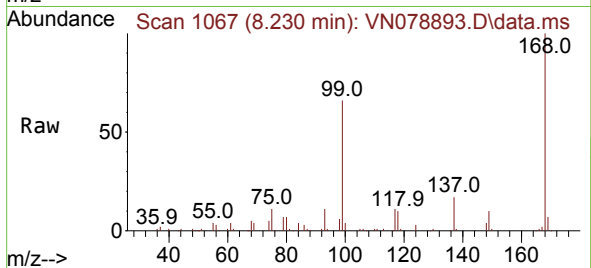
Tgt Ion: 75 Resp: 15850

Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.727 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN078893.D

Acq: 16 Aug 2023 10:56

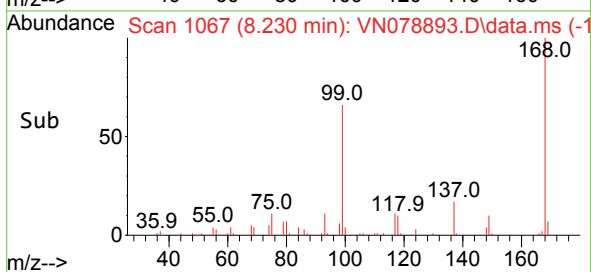
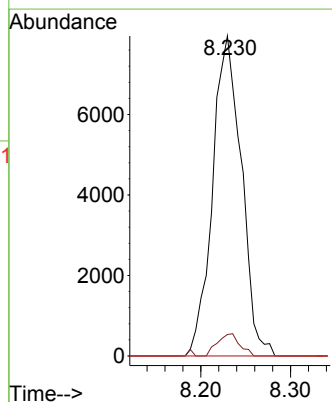
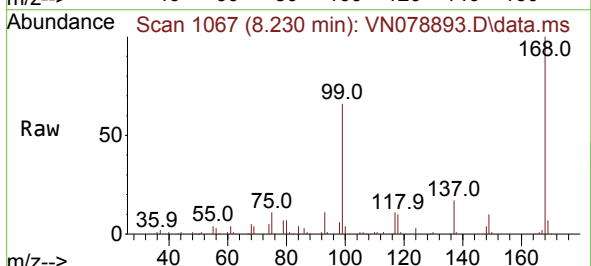
Tgt Ion: 117 Resp: 17782

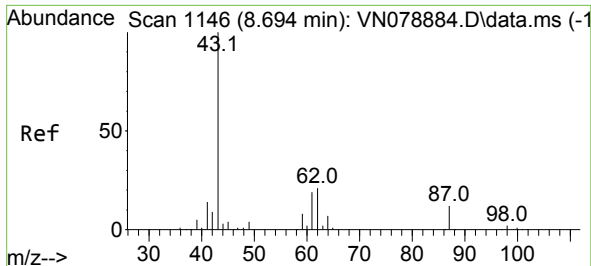
Ion Ratio Lower Upper

117 100

119 6.7 77.3 115.9#

121 0.0 23.3 34.9#

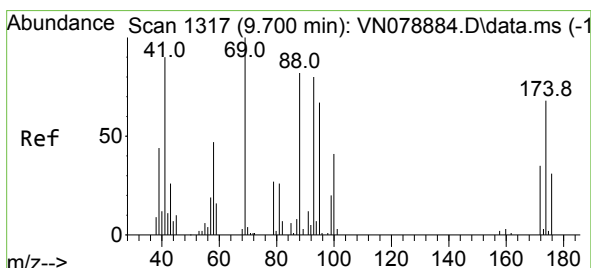
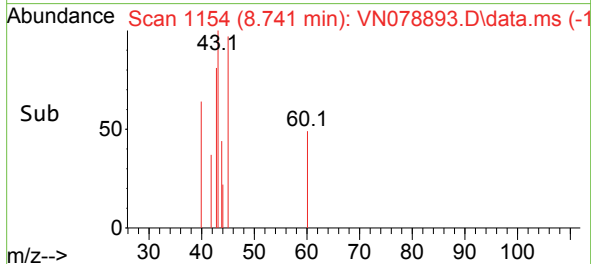
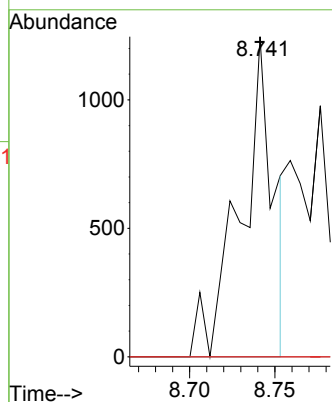
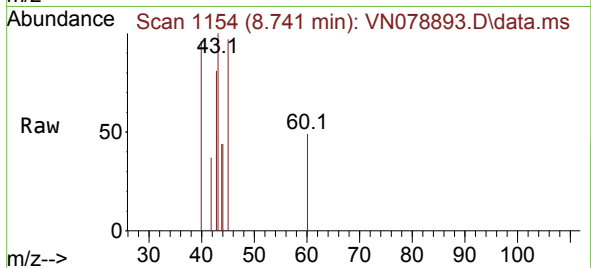




#43
Isopropyl Acetate
Concen: 0.271 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.047 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

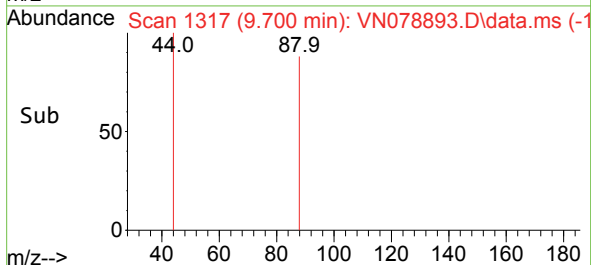
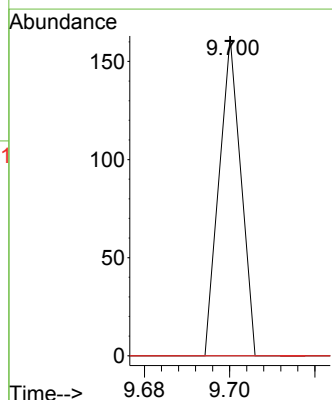
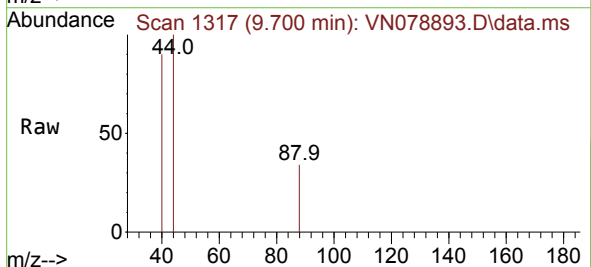
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

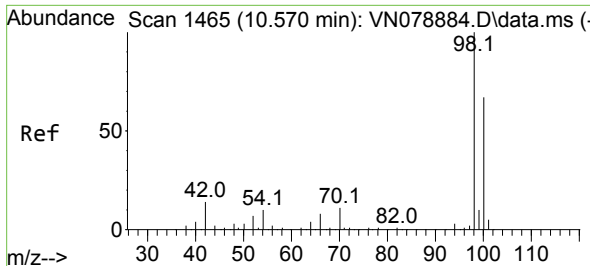
Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 1.226 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

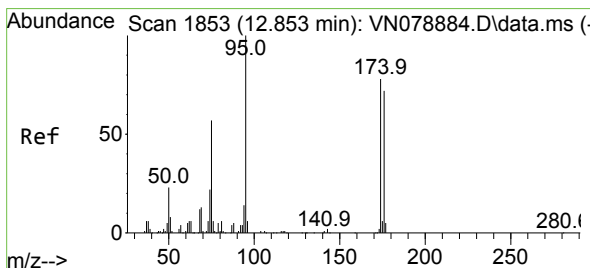
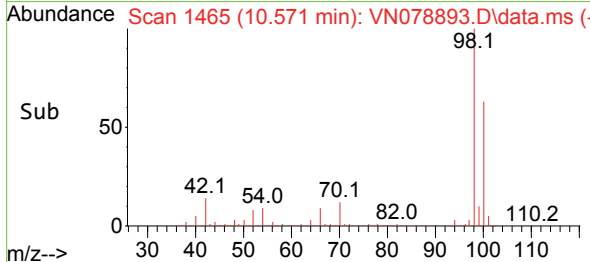
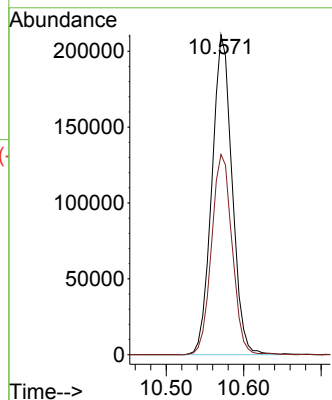
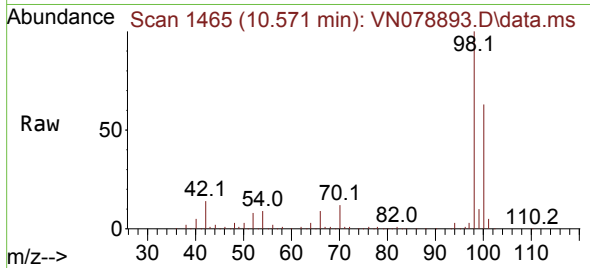




#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

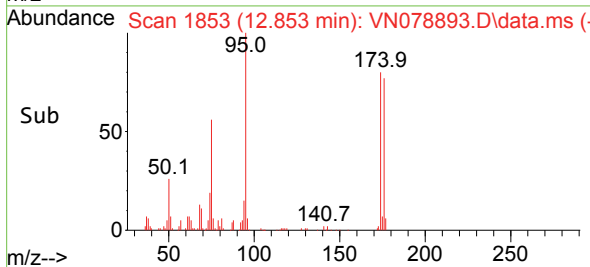
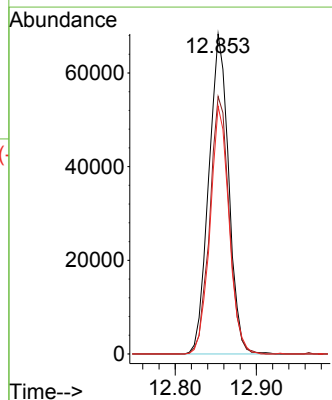
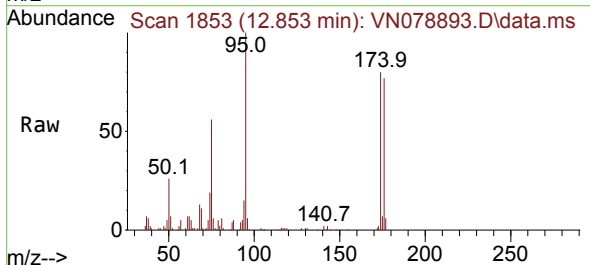
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

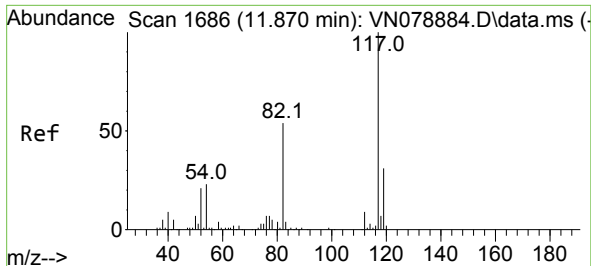
Tgt Ion: 98 Resp: 383093
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.518 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

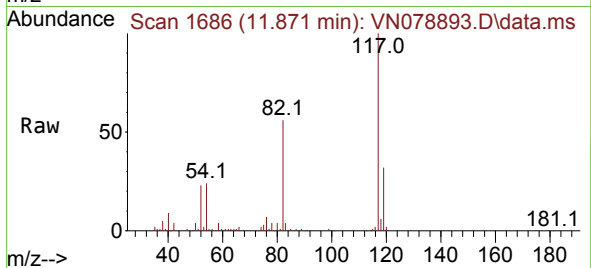
Tgt Ion: 95 Resp: 116305
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 73.7 0.0 135.8



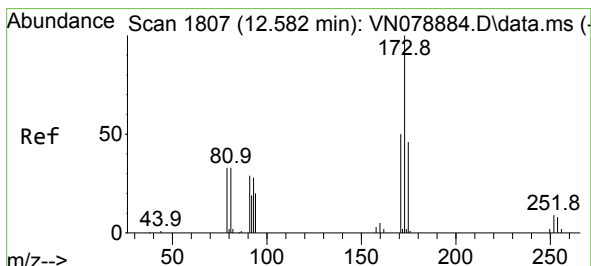
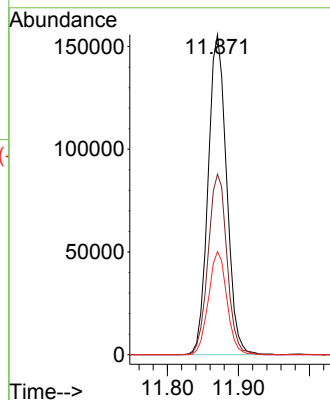
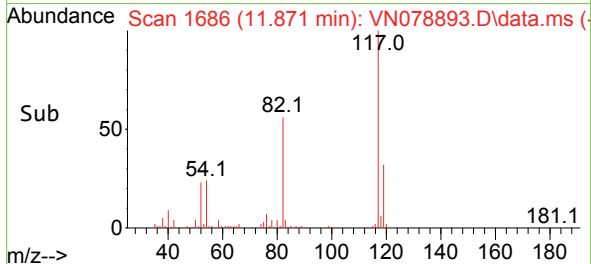


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

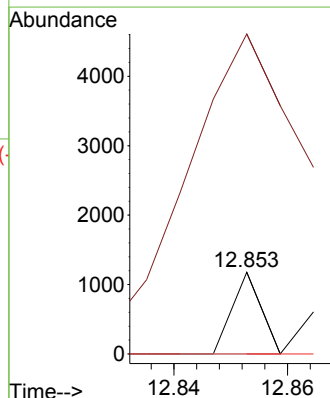
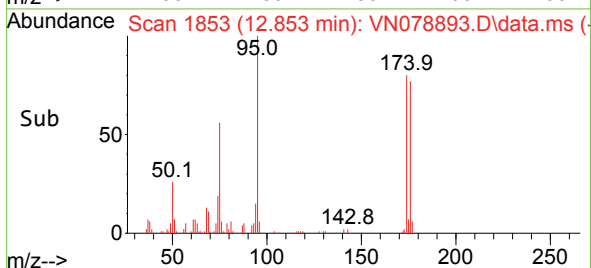
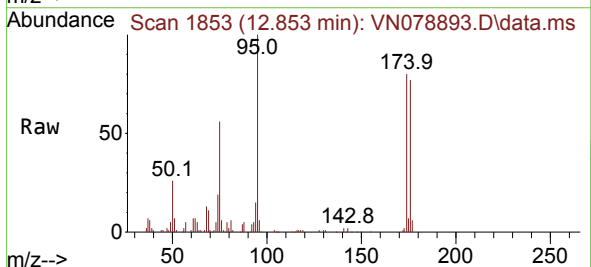


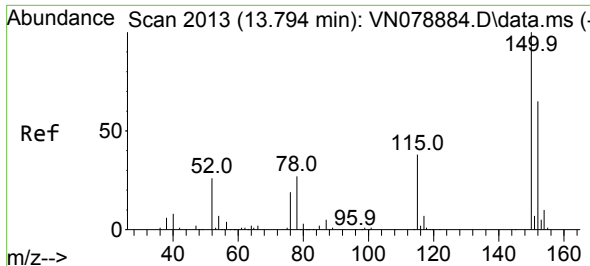
Tgt Ion:117 Resp: 281386
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.2 25.6 38.4



#71
Bromoform
Concen: 0.253 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion:173 Resp: 416
Ion Ratio Lower Upper
173 100
175 1346.2 24.3 73.0#
254 0.0 0.0 0.0

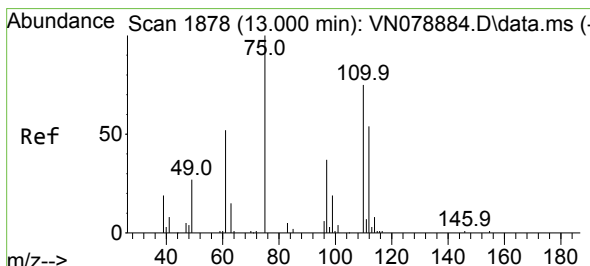
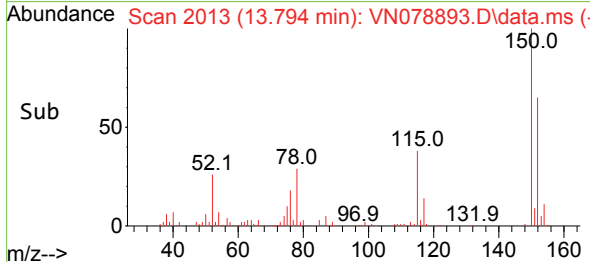
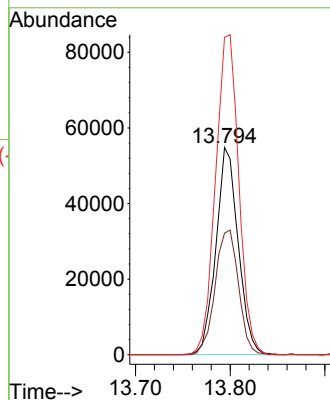
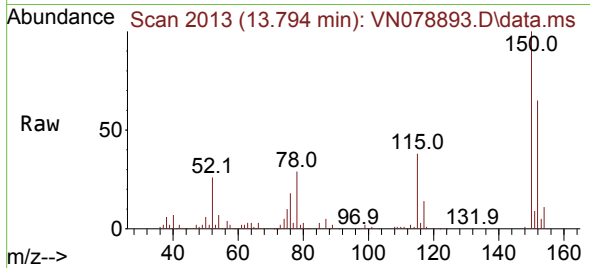




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN078893.D
 Acq: 16 Aug 2023 10:56

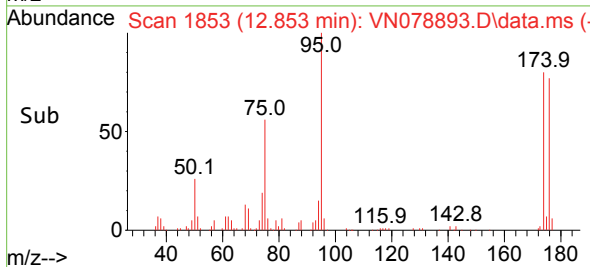
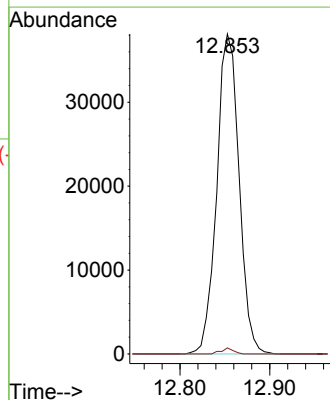
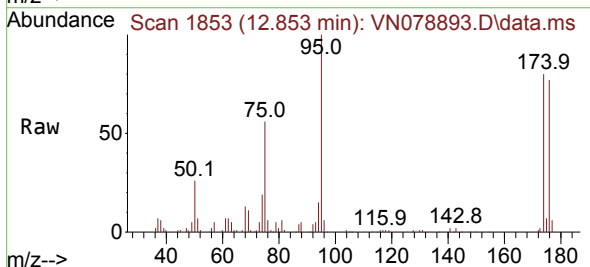
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBL01

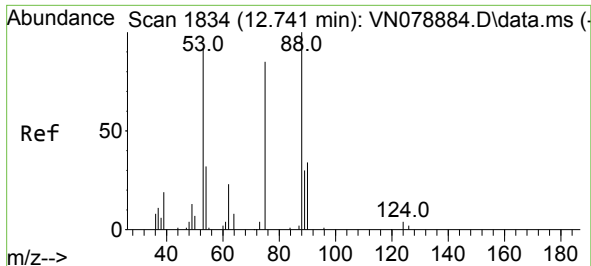
Tgt Ion:152 Resp: 89593
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.3 96.8
 150 161.4 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 30.481 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN078893.D
 Acq: 16 Aug 2023 10:56

Tgt Ion: 75 Resp: 65800
 Ion Ratio Lower Upper
 75 100
 77 1.0 84.5 253.5#

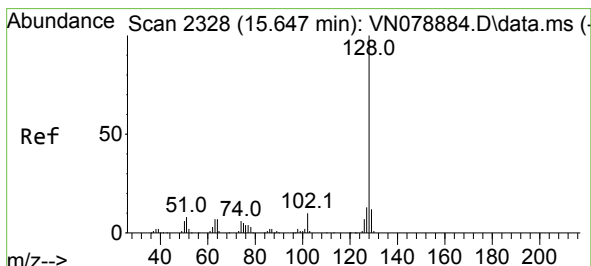
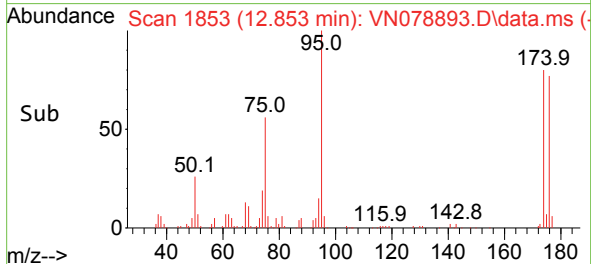
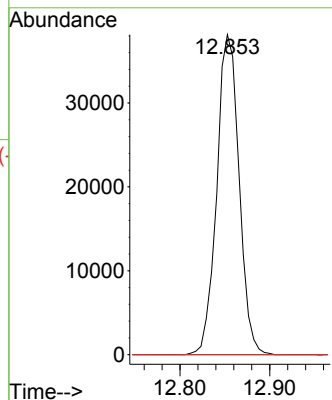
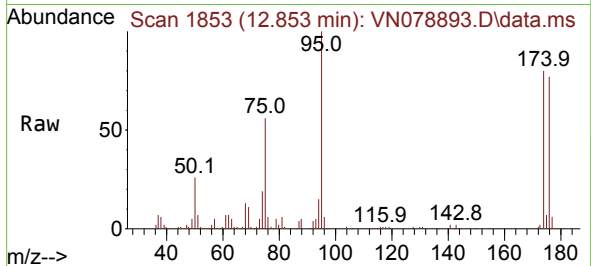




#81
trans-1,4-Dichloro-2-butene
Concen: 77.865 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion: 75 Resp: 65800
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 2.787 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion:128 Resp: 924
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

