

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080092.D
 Acq On : 14 Nov 2023 16:26
 Operator : JC\MD
 Sample : 05376-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 03:57:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

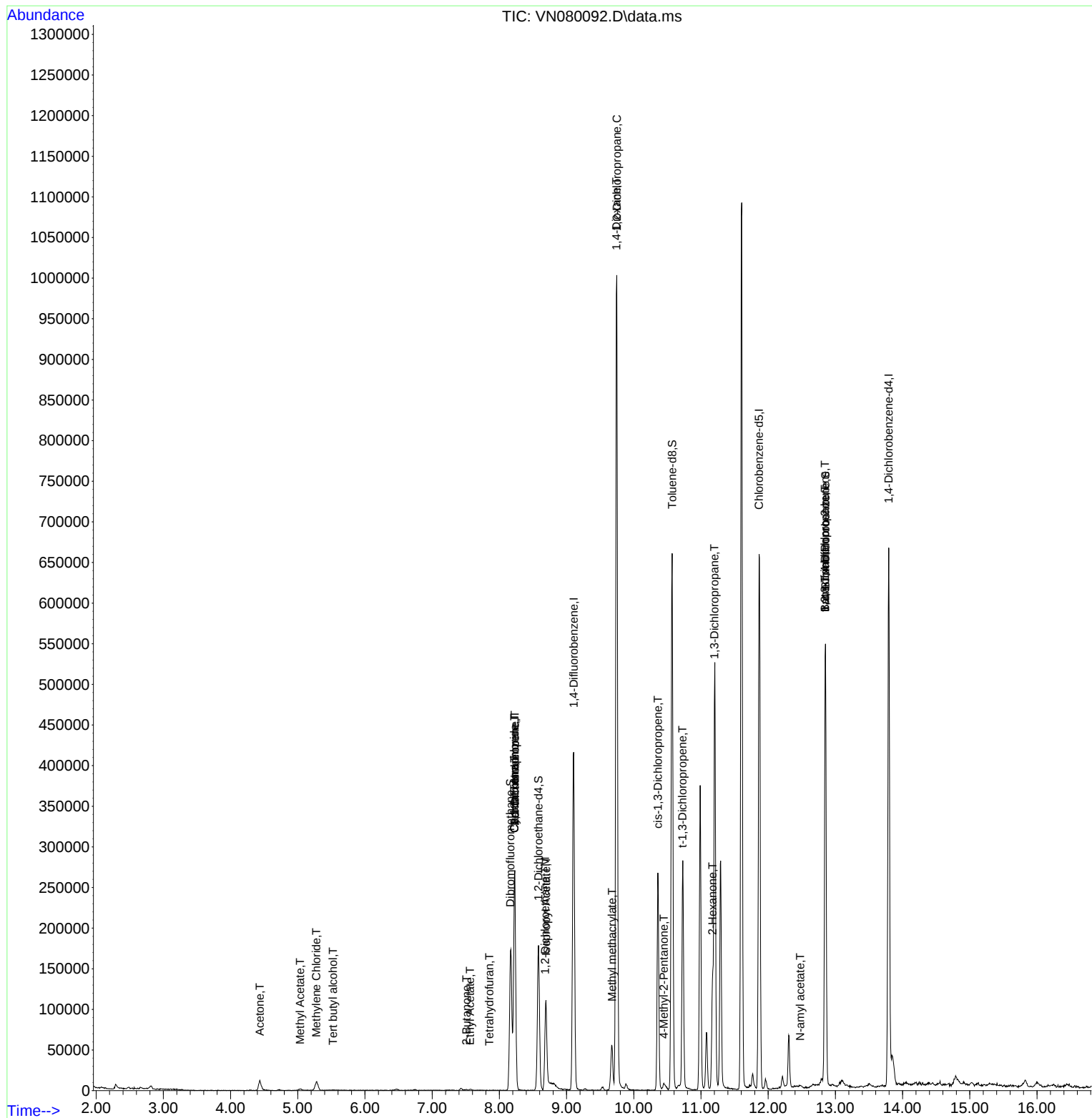
Internal Standards						
1) Pentafluorobenzene	8.230	168	178204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	378144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157884	58.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.300%	
35) Dibromofluoromethane	8.165	113	122067	50.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.060%	
50) Toluene-d8	10.571	98	454409	50.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.853	95	187061	62.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.600%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	450	Below Cal	#	59
11) Tert butyl alcohol	5.524	59	144	0.415	ug/l #	72
16) Acetone	4.436	43	22811	23.919	ug/l	94
18) Methyl Acetate	5.036	43	3769	0.826	ug/l #	83
20) Methylene Chloride	5.277	84	8846	3.676	ug/l #	83
25) 2-Butanone	7.512	43	2098	1.502	ug/l	94
29) Tetrahydrofuran	7.853	42	234	0.258	ug/l #	20
31) Cyclohexane	8.224	56	4018	1.120	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	15593	4.476	ug/l #	48
37) Ethyl Acetate	7.565	43	2916	0.913	ug/l #	68
38) Carbon Tetrachloride	8.224	117	21174	6.031	ug/l #	17
42) 1,2-Dichloroethane	8.682	62	901	0.247	ug/l #	73
43) Isopropyl Acetate	8.694	43	125798	22.453	ug/l #	82
45) 1,2-Dichloropropane	9.747	63	1461	0.548	ug/l #	45
48) Methyl methacrylate	9.677	41	3076	1.253	ug/l #	31
49) 1,4-Dioxane	9.741	88	75	1.730	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	3607	1.144	ug/l #	80
53) t-1,3-Dichloropropene	10.724	75	838	0.220	ug/l #	61
54) cis-1,3-Dichloropropene	10.359	75	48030	11.577	ug/l #	69
57) 1,3-Dichloropropane	11.200	76	5722	1.305	ug/l #	42
59) 2-Hexanone	11.171	43	114062	47.270	ug/l #	19
71) Bromoform	12.847	173	612	0.292	ug/l #	1
74) N-amyl acetate	12.476	43	1350	0.239	ug/l #	57
76) 1,2,3-Trichloropropane	12.847	75	106259	26.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	106259	72.213	ug/l #	15

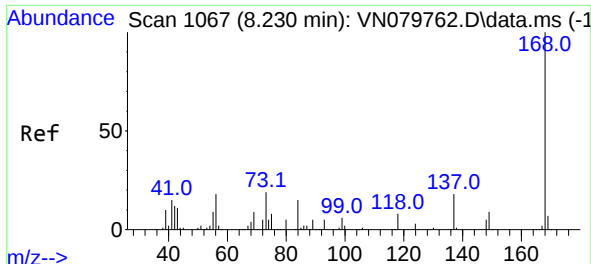
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
Data File : VN080092.D
Acq On : 14 Nov 2023 16:26
Operator : JC\MD
Sample : 05376-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 15 03:57:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

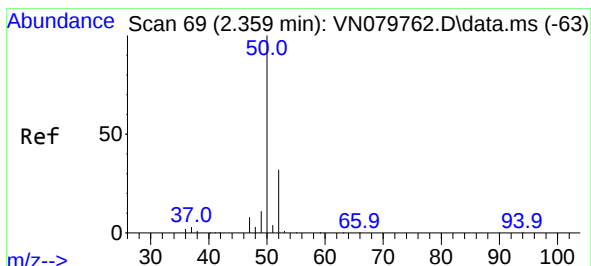
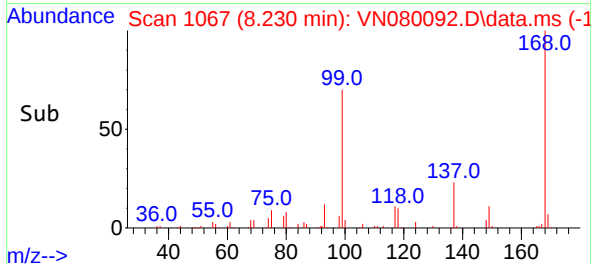
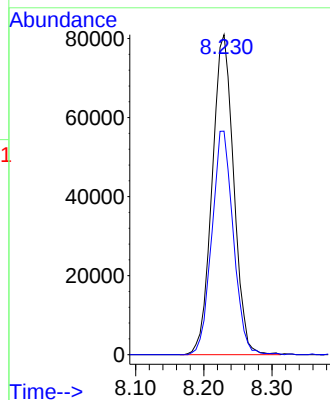
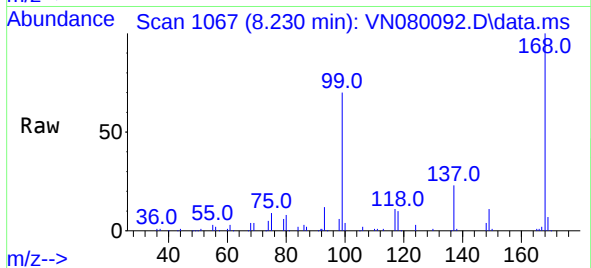




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

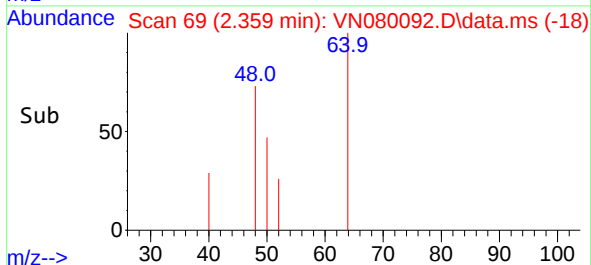
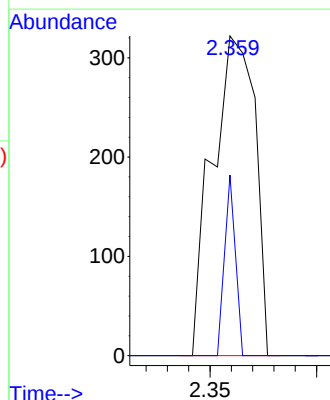
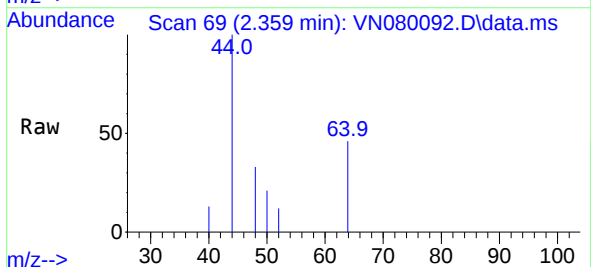
Instrument :
MSVOA_N
ClientSampleId :

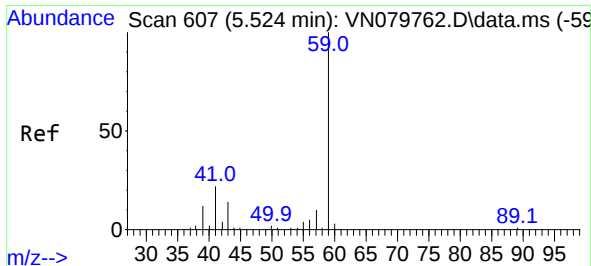
Tgt Ion:168 Resp: 178204
Ion Ratio Lower Upper
168 100
99 69.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

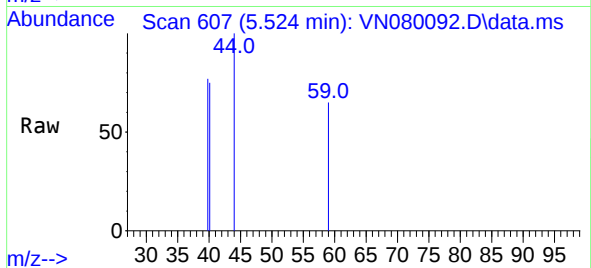
Tgt Ion: 50 Resp: 450
Ion Ratio Lower Upper
50 100
52 56.5 26.5 39.7#



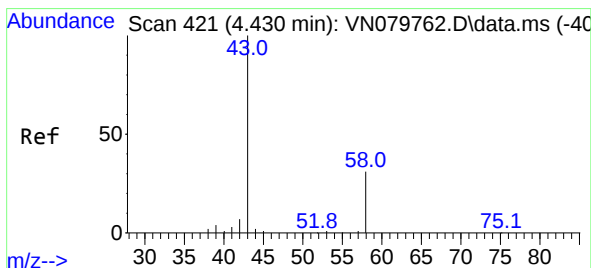
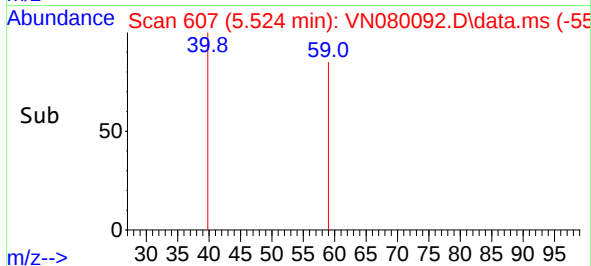
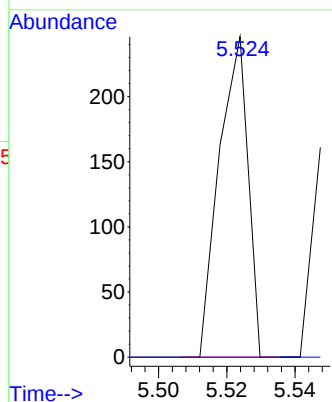


#11
Tert butyl alcohol
Concen: 0.415 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

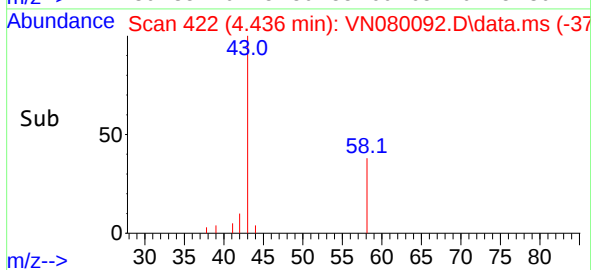
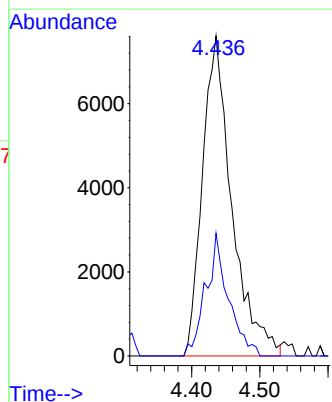
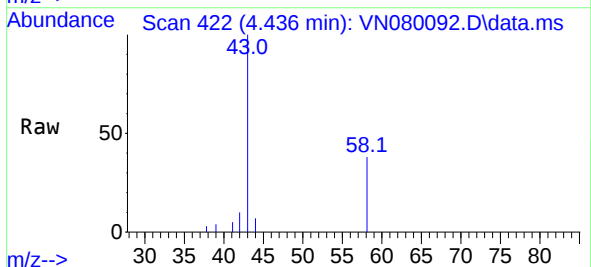


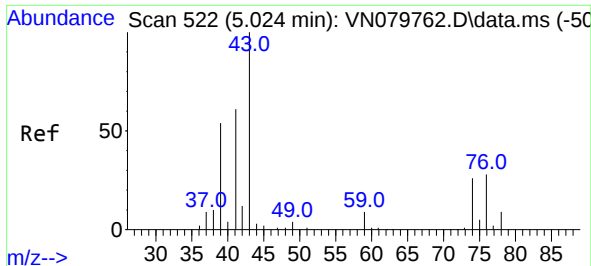
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 23.919 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

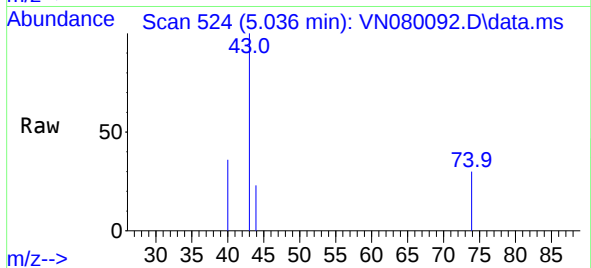
Tgt Ion: 43 Resp: 22811
Ion Ratio Lower Upper
43 100
58 38.3 28.0 42.0



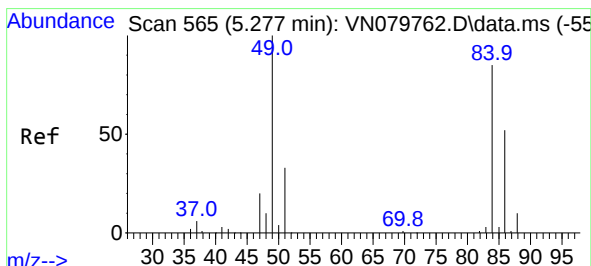
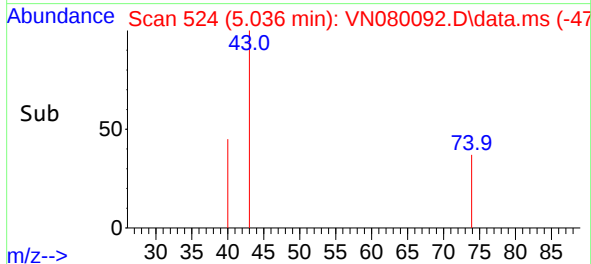
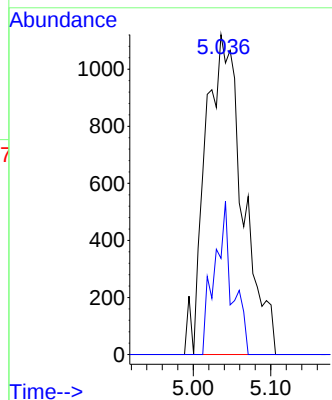


#18
Methyl Acetate
Concen: 0.826 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

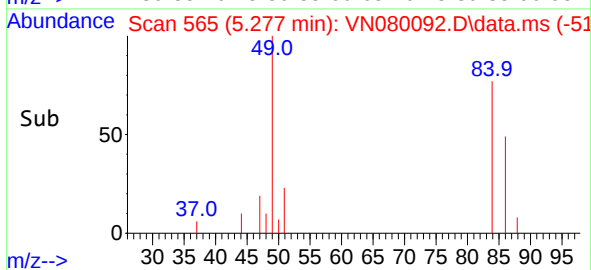
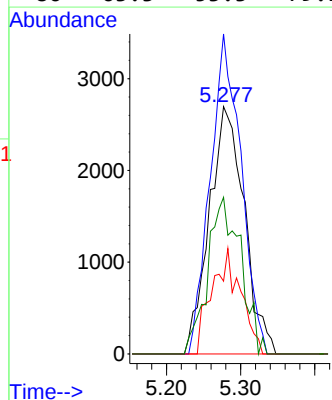
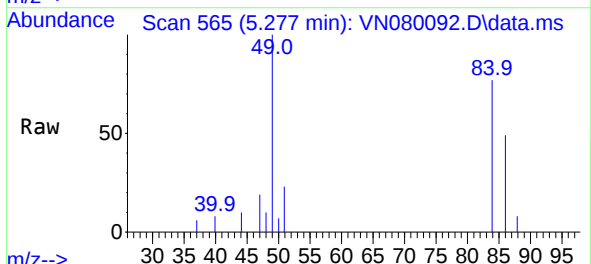


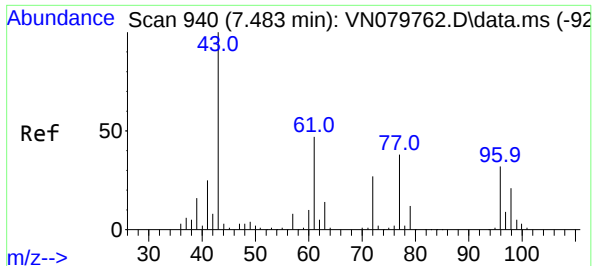
Tgt Ion: 43 Resp: 3769
Ion Ratio Lower Upper
43 100
74 23.0 26.2 39.4#



#20
Methylene Chloride
Concen: 3.676 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 84 Resp: 8846
Ion Ratio Lower Upper
84 100
49 129.3 79.7 119.5#
51 29.4 25.2 37.8
86 63.3 53.3 79.9

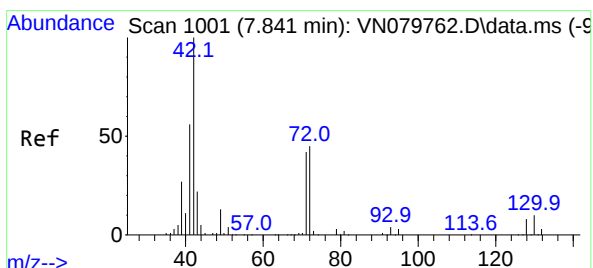
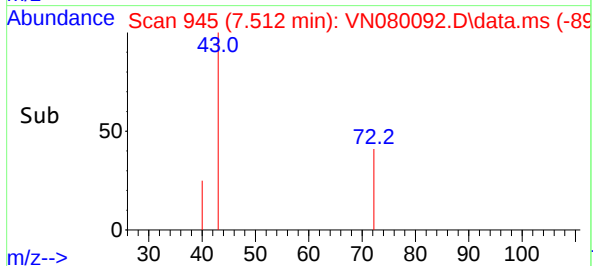
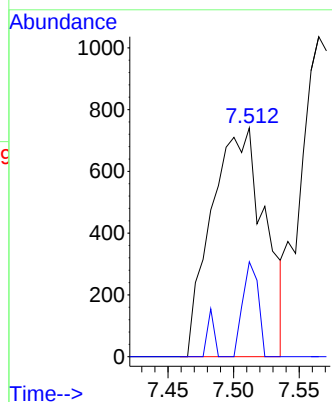
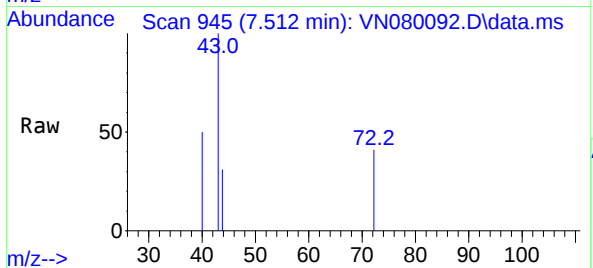




#25
2-Butanone
Concen: 1.502 ug/l
RT: 7.512 min Scan# 94
Delta R.T. 0.024 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

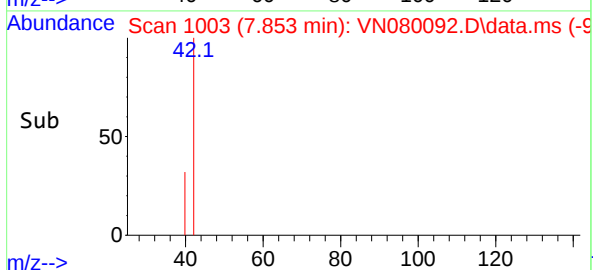
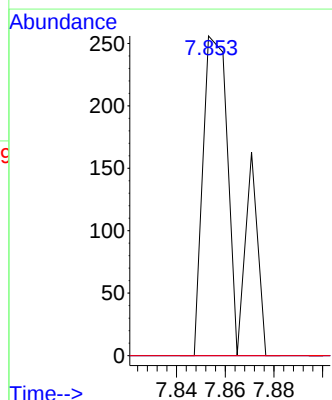
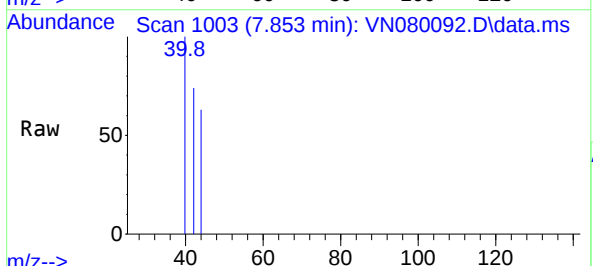
Instrument :
MSVOA_N
ClientSampleId :

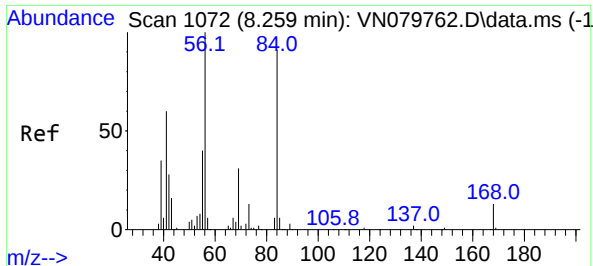
Tgt Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
72 41.4 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.258 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

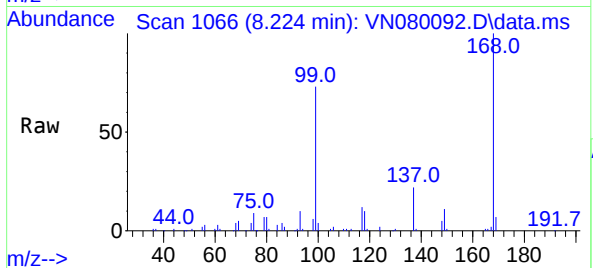
Tgt Ion: 42 Resp: 234
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



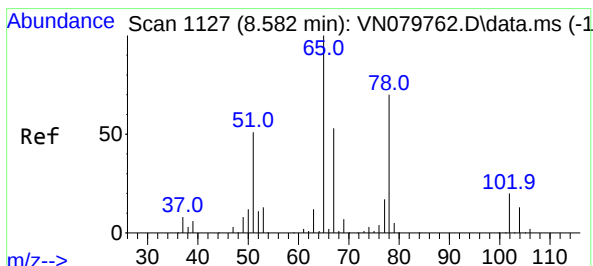
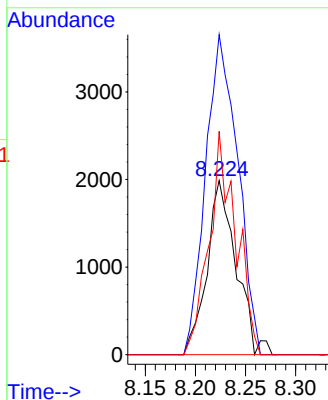
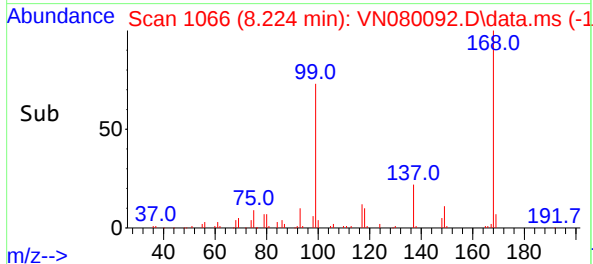


#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

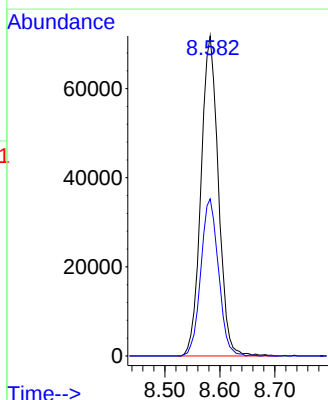
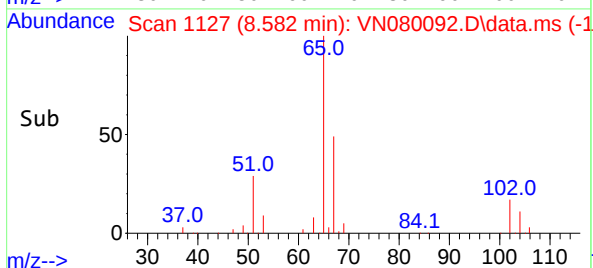
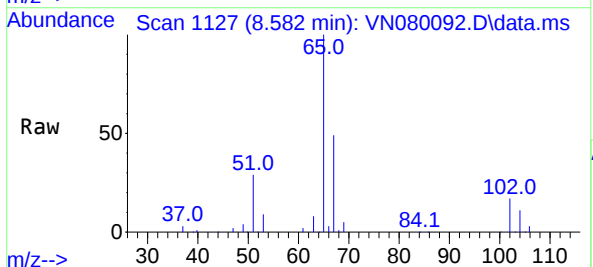


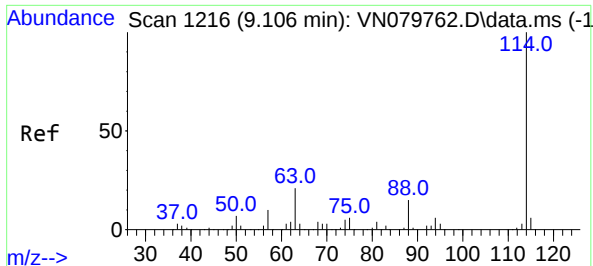
Tgt Ion: 56 Resp: 4018
Ion Ratio Lower Upper
56 100
69 183.8 26.8 40.2#
84 128.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 58.153 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 65 Resp: 157884
Ion Ratio Lower Upper
65 100
67 49.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080092.D

Acq: 14 Nov 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

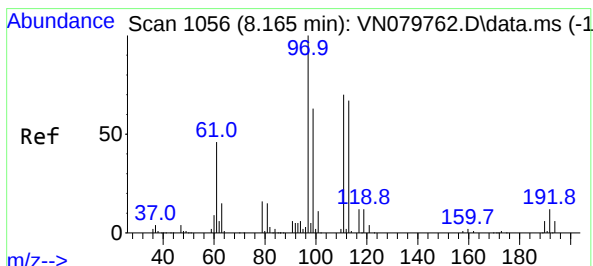
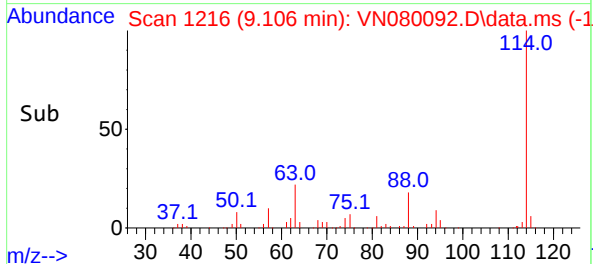
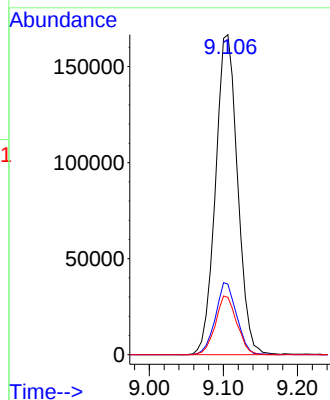
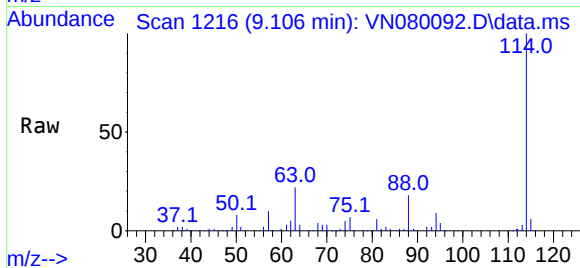
Tgt Ion:114 Resp: 344709

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 17.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.033 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080092.D

Acq: 14 Nov 2023 16:26

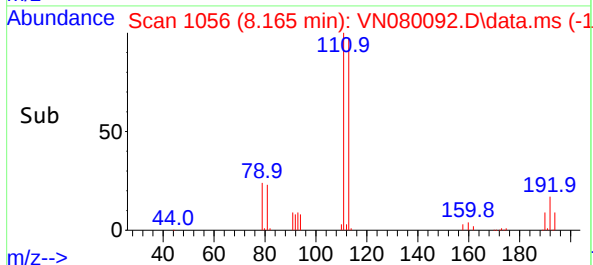
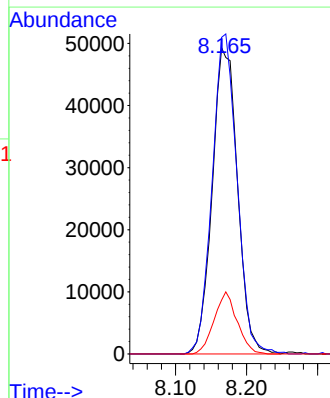
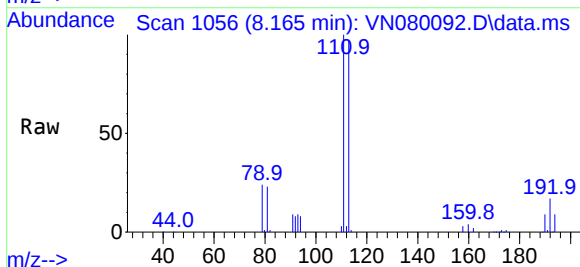
Tgt Ion:113 Resp: 122067

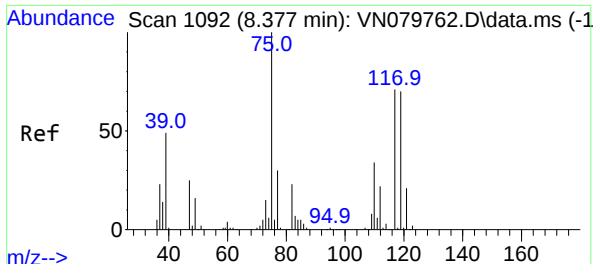
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

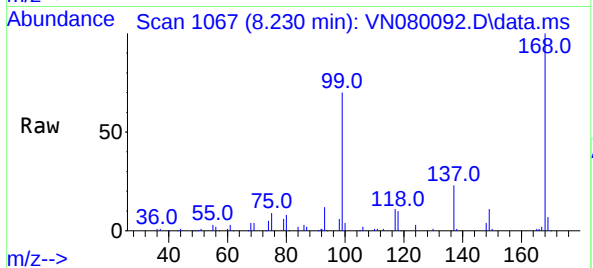
192 18.3 12.7 19.1



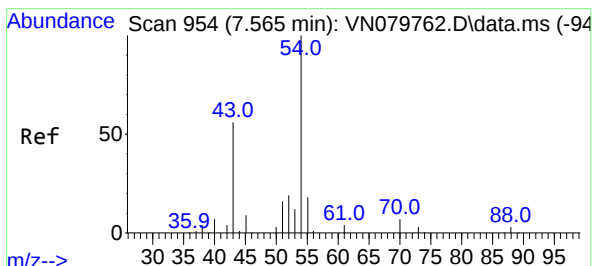
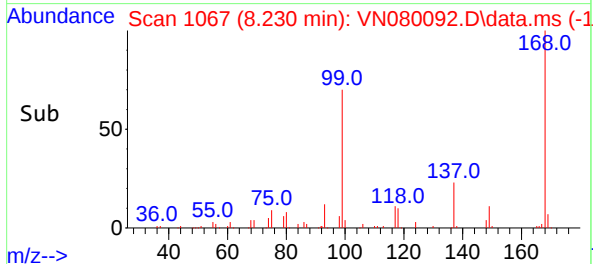
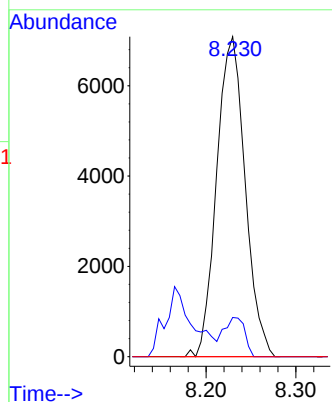


#36
1,1-Dichloropropene
Concen: 4.476 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

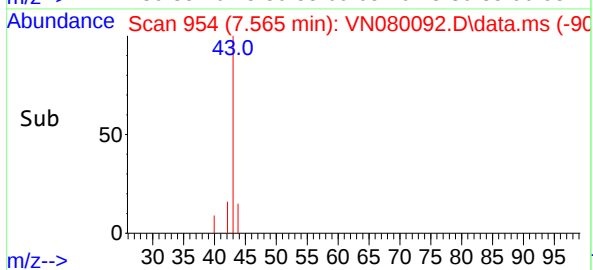
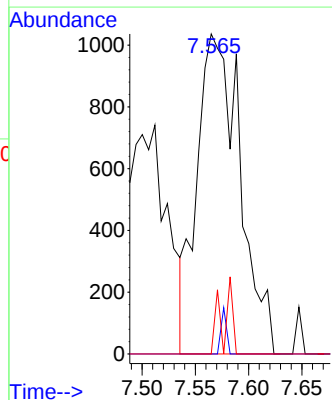
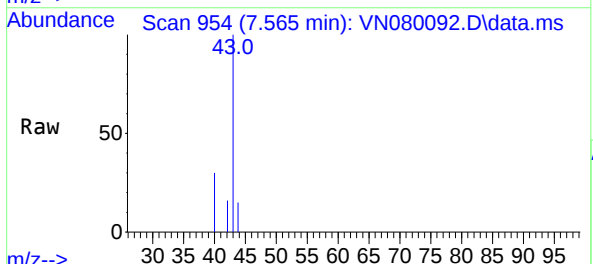


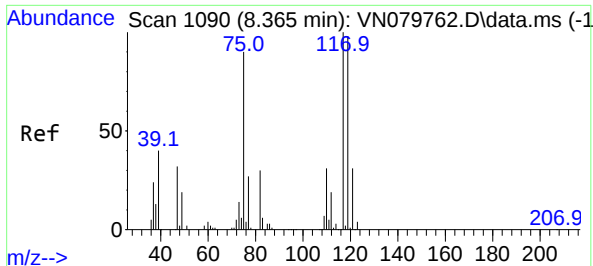
Tgt Ion: 75 Resp: 15593
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.913 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

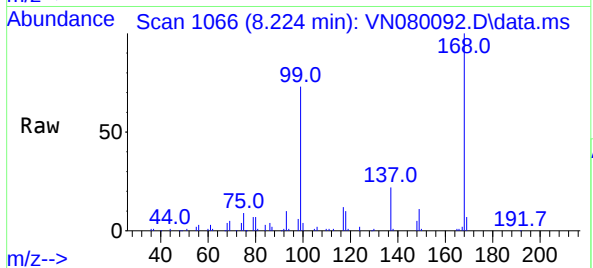
Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
61 1.8 13.2 19.8#
70 2.5 11.3 16.9#



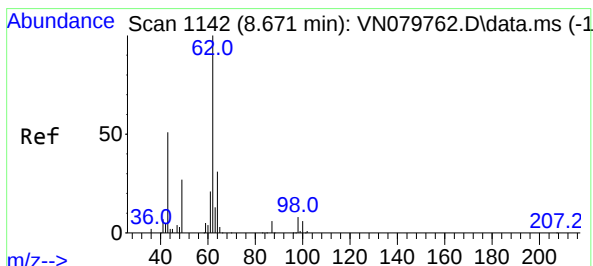
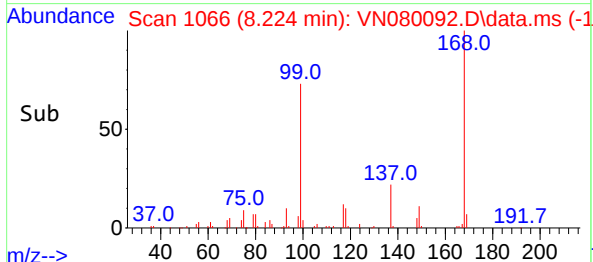
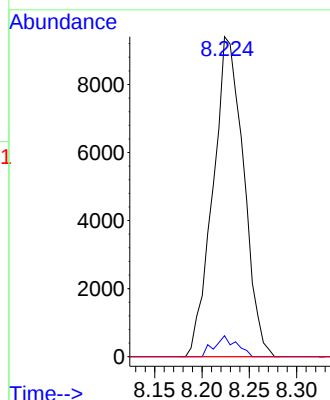


#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 8.224 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

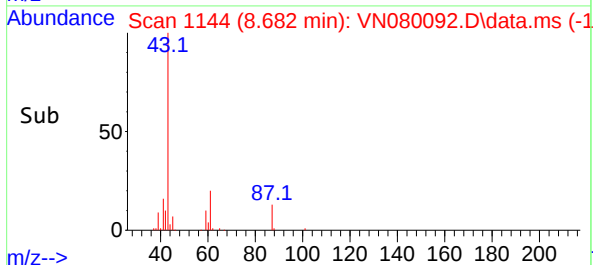
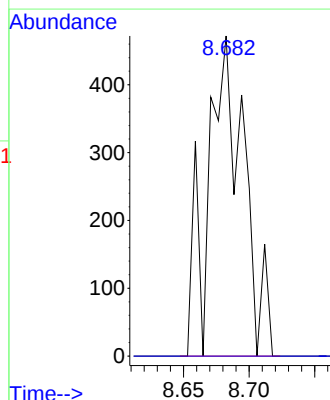
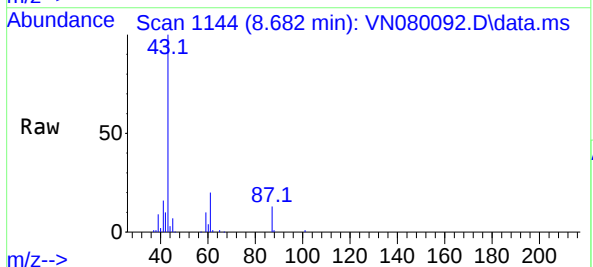


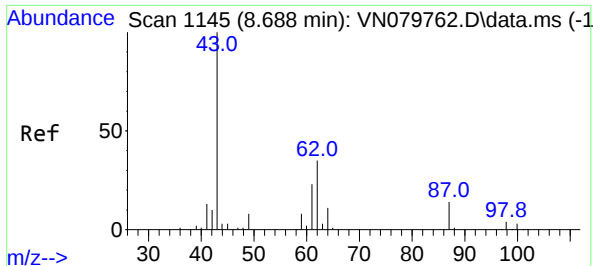
Tgt Ion:117 Resp: 21174
Ion Ratio Lower Upper
117 100
119 6.6 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.247 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 62 Resp: 901
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 22.453 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080092.D

Acq: 14 Nov 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

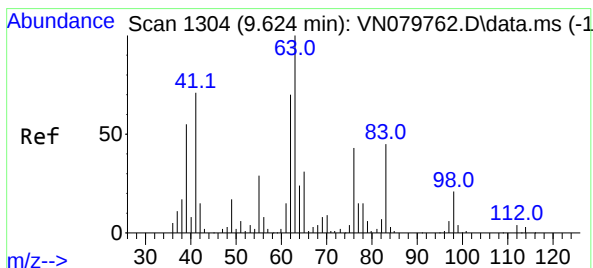
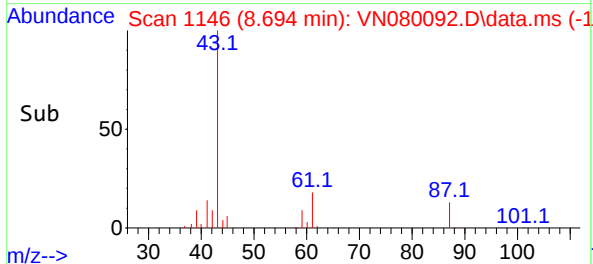
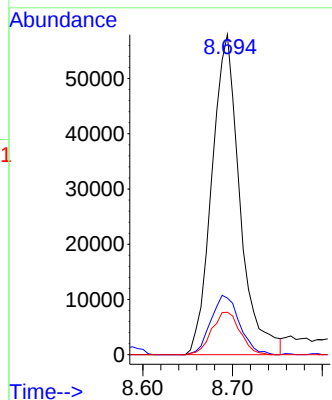
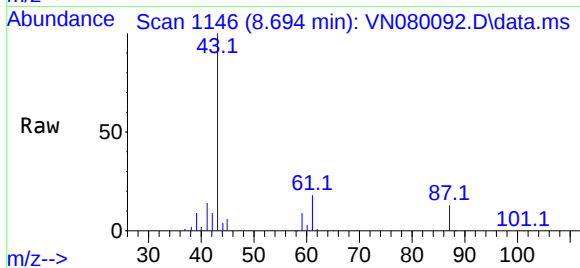
Tgt Ion: 43 Resp: 125798

Ion Ratio Lower Upper

43 100

61 19.0 24.7 37.1#

87 13.4 14.6 21.8#



#45

1,2-Dichloropropane

Concen: 0.548 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.124 min

Lab File: VN080092.D

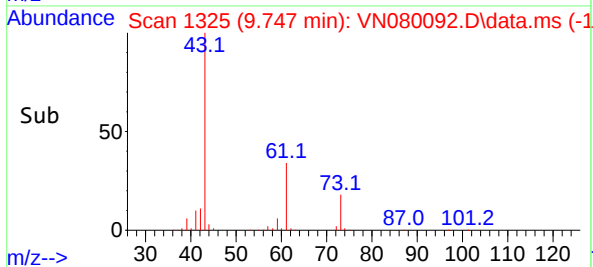
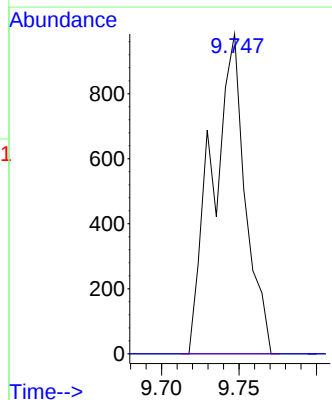
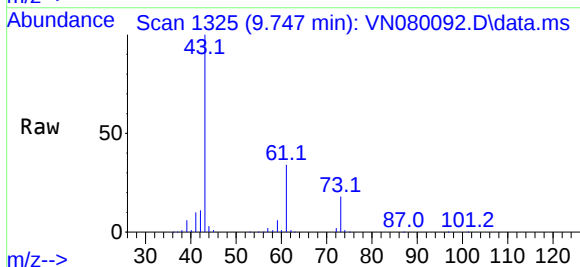
Acq: 14 Nov 2023 16:26

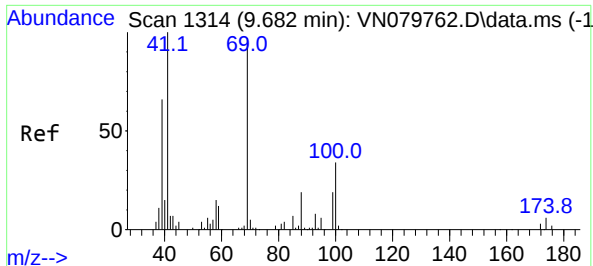
Tgt Ion: 63 Resp: 1461

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#

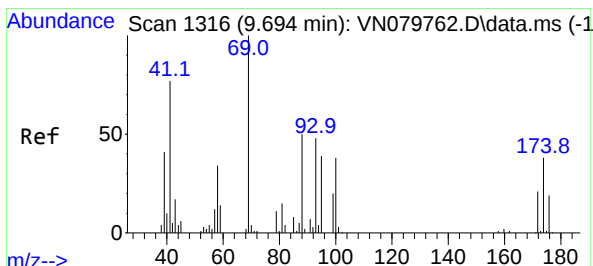
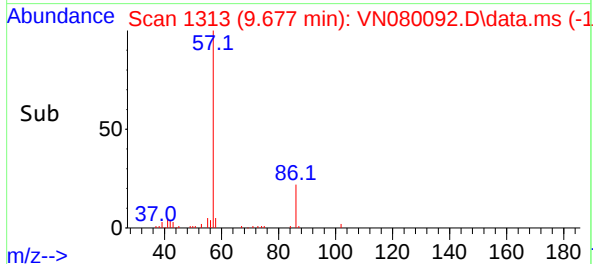
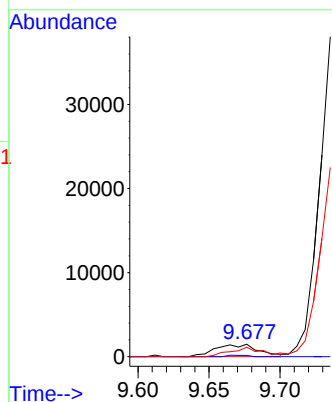
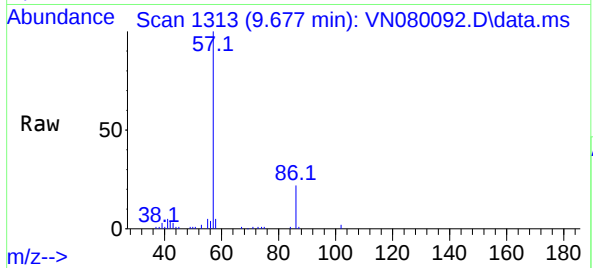




#48
Methyl methacrylate
Concen: 1.253 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

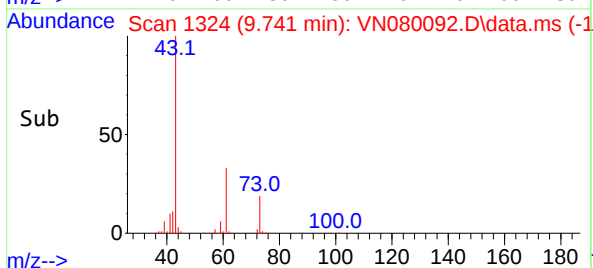
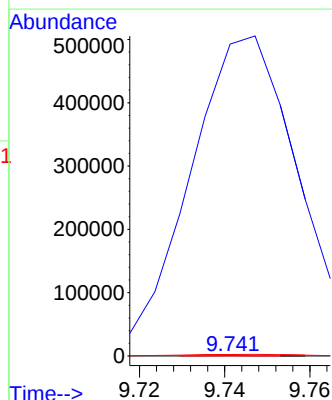
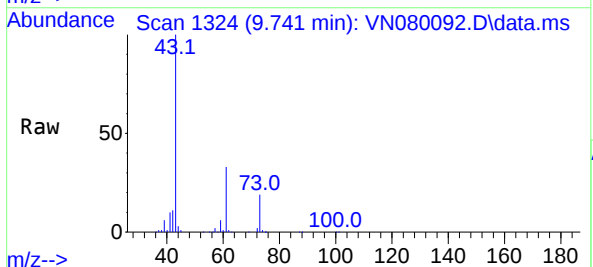
Instrument :
MSVOA_N
ClientSampleId :

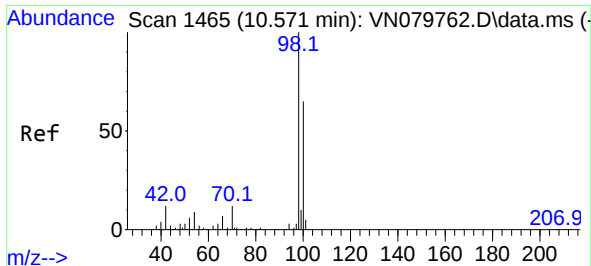
Tgt Ion: 41 Resp: 3076
Ion Ratio Lower Upper
41 100
69 5.5 90.4 135.6#
39 53.7 54.6 81.8#



#49
1,4-Dioxane
Concen: 1.730 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.047 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

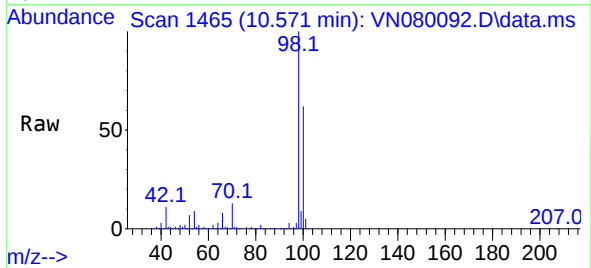
Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
43 1231124.0 17.0 25.6#
58 6588.0 47.0 70.4#



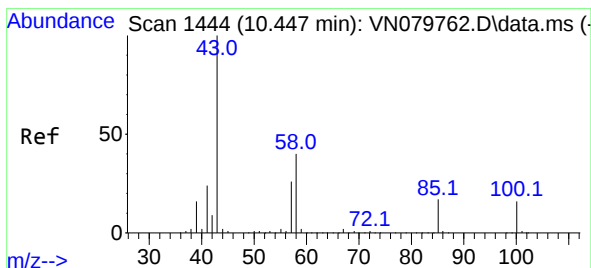
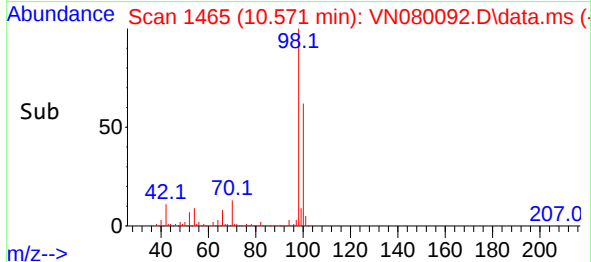
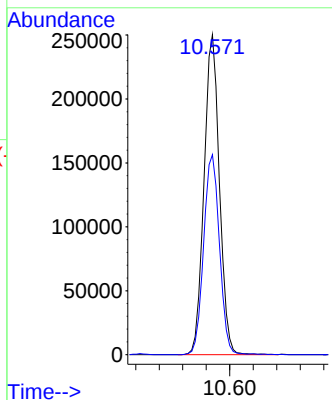


#50
Toluene-d8
Concen: 50.594 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

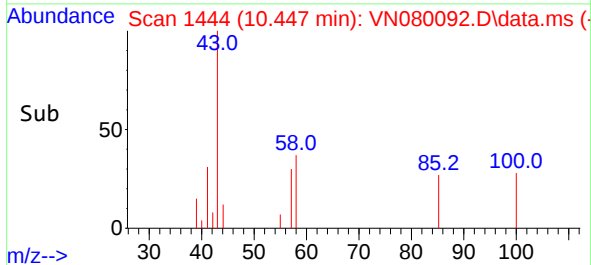
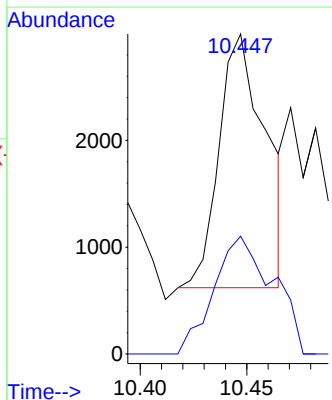
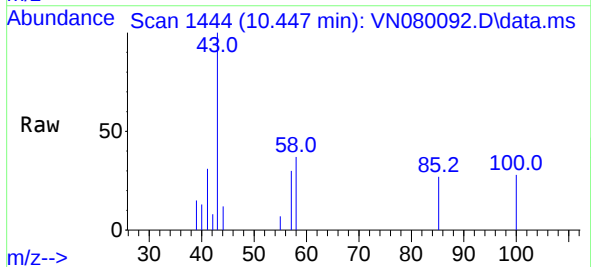


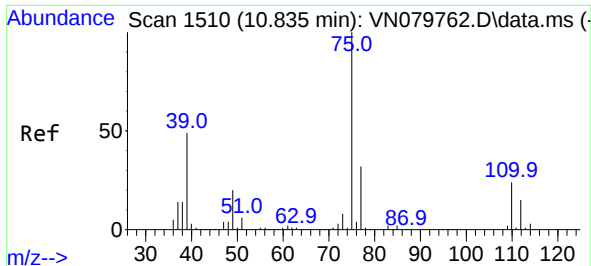
Tgt Ion: 98 Resp: 454409
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.144 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 43 Resp: 3607
Ion Ratio Lower Upper
43 100
58 58.7 36.6 54.8#

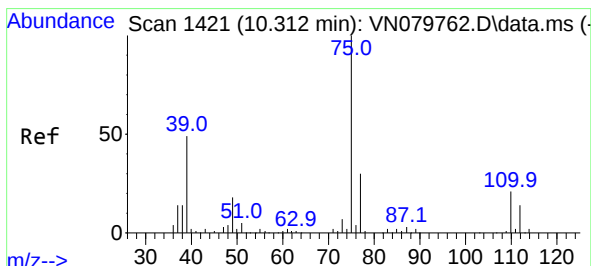
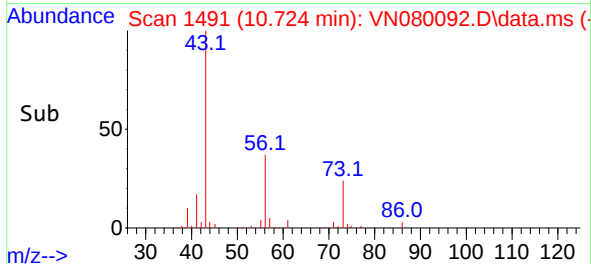
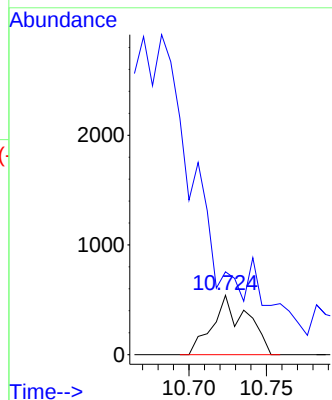
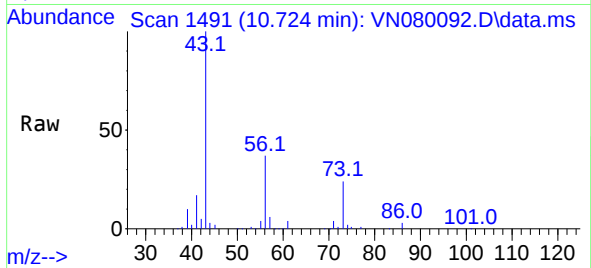




#53
t-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.118 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

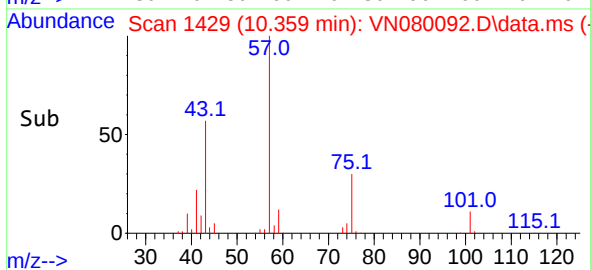
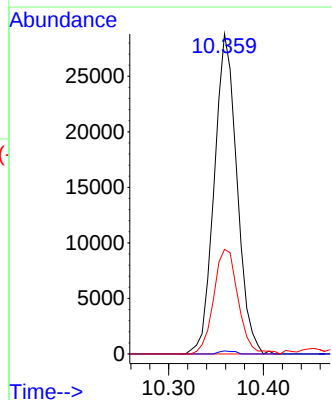
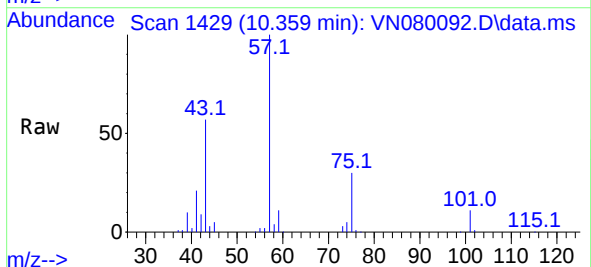
Instrument :
MSVOA_N
ClientSampleId :

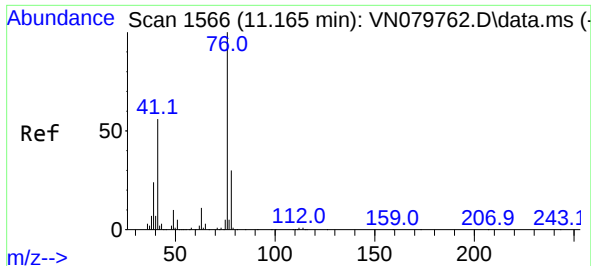
Tgt Ion: 75 Resp: 838
Ion Ratio Lower Upper
75 100
77 53.6 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 11.577 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 75 Resp: 48030
Ion Ratio Lower Upper
75 100
77 1.0 26.1 39.1#
39 32.7 31.6 47.4

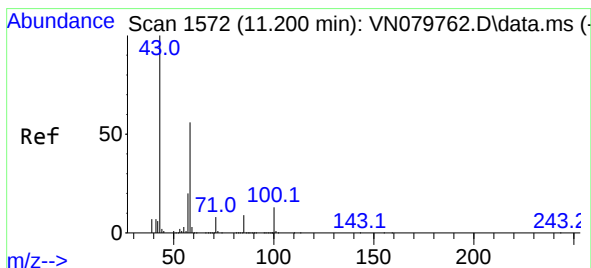
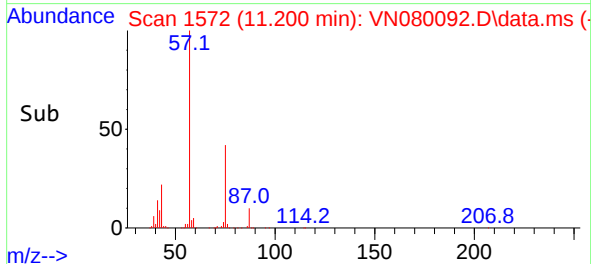
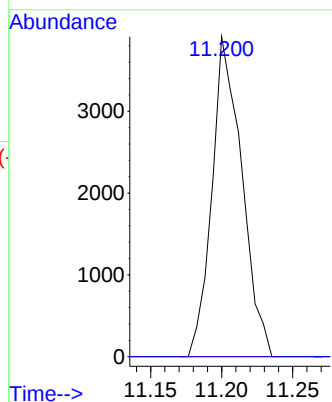
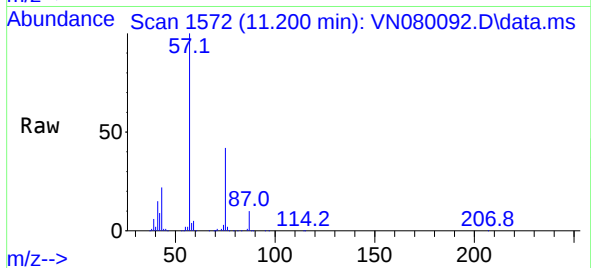




#57
1,3-Dichloropropane
Concen: 1.305 ug/l
RT: 11.200 min Scan# 1567
Delta R.T. 0.035 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

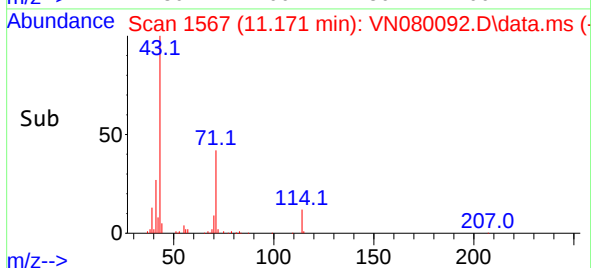
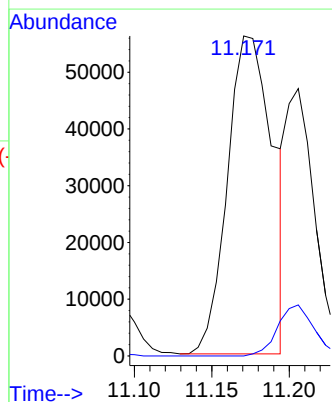
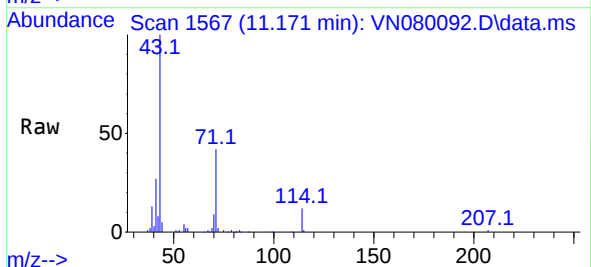
Instrument :
MSVOA_N
ClientSampleId :

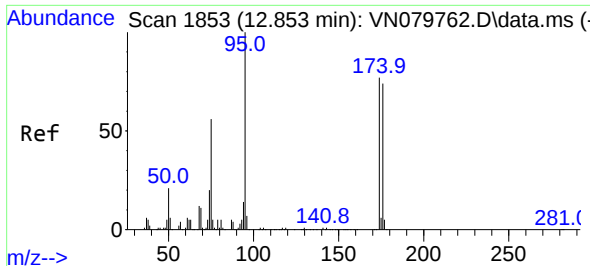
Tgt Ion: 76 Resp: 5722
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 47.270 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.029 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 43 Resp: 114062
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



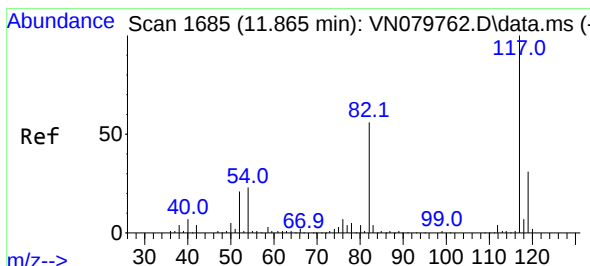
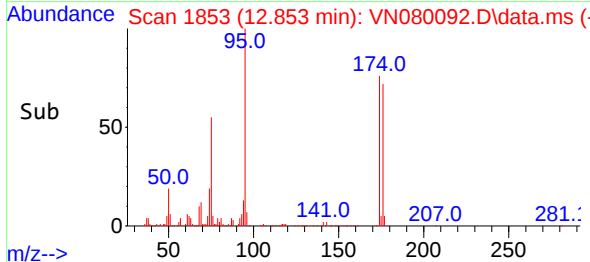
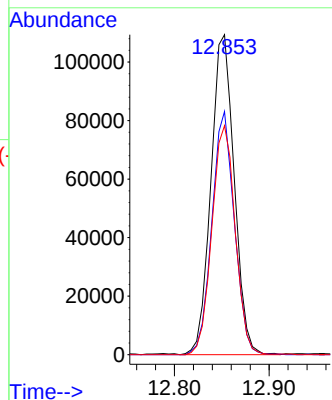
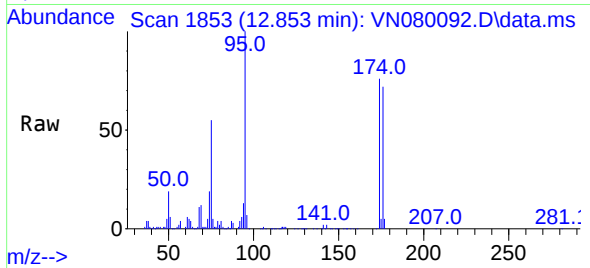


#62
4-Bromofluorobenzene
Concen: 62.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 187061

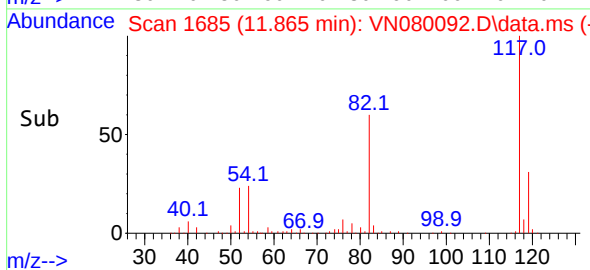
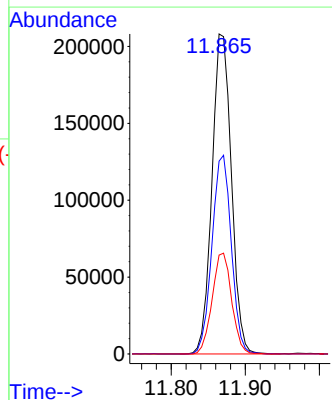
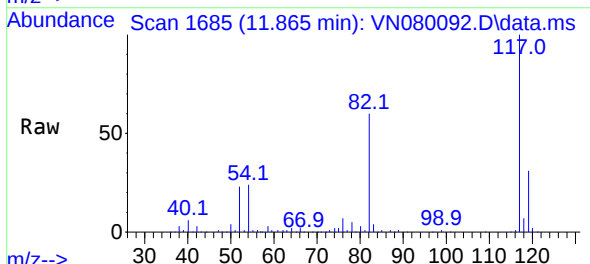
Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	143.8
176	71.5	0.0	135.8

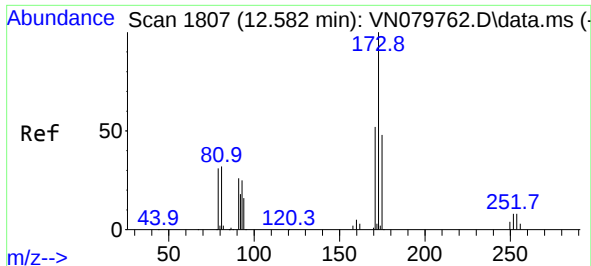


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Tgt Ion: 117 Resp: 378144

Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.0	66.0
119	30.9	25.6	38.4

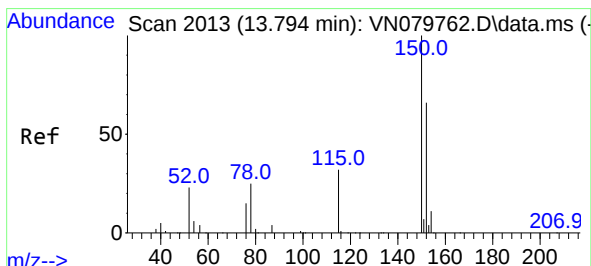
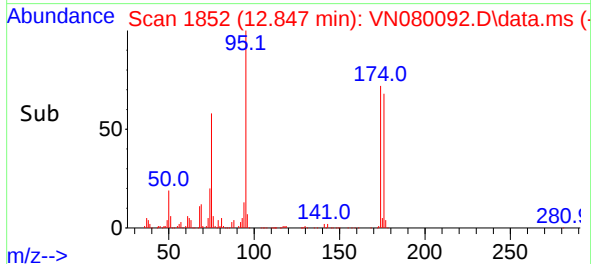
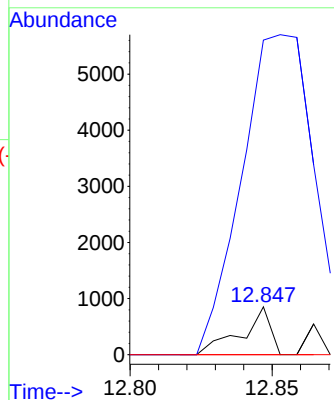
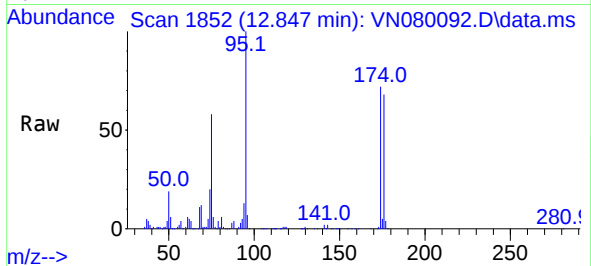




#71
Bromoform
Concen: 0.292 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

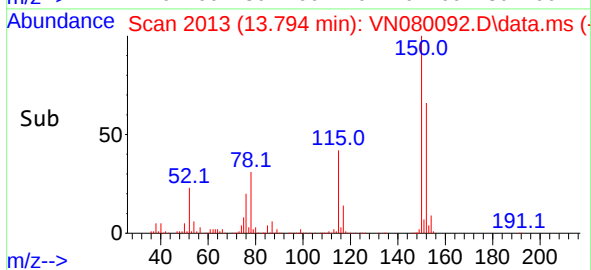
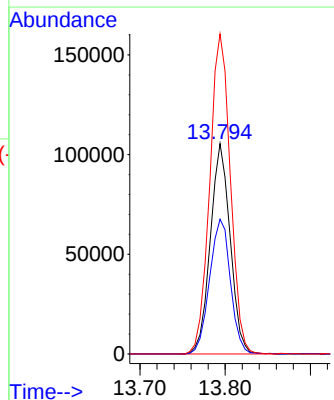
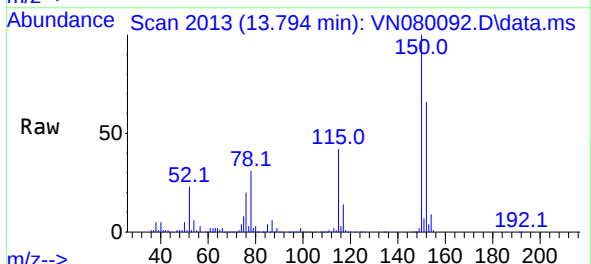
Instrument :
MSVOA_N
ClientSampleId :

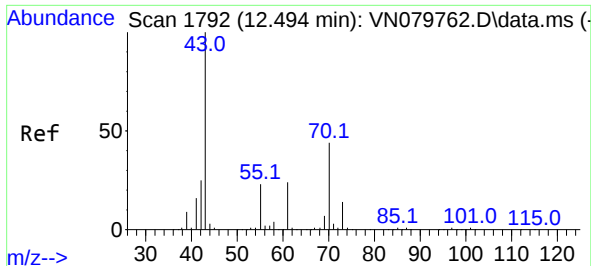
Tgt Ion:173 Resp: 612
Ion Ratio Lower Upper
173 100
175 1356.7 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

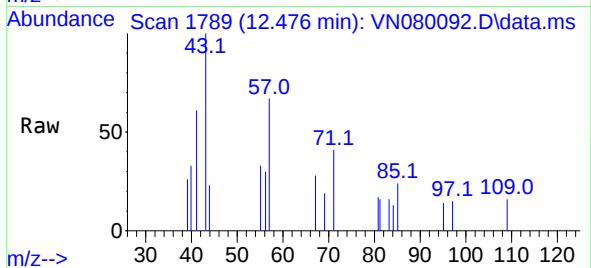
Tgt Ion:152 Resp: 170529
Ion Ratio Lower Upper
152 100
115 67.3 32.3 96.8
150 158.0 0.0 355.8



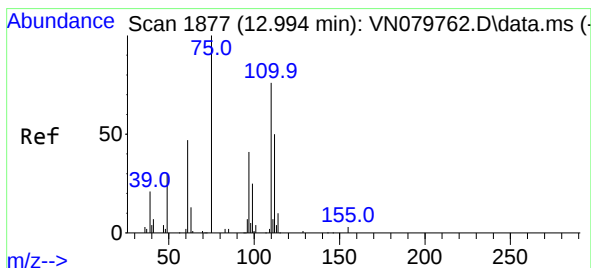
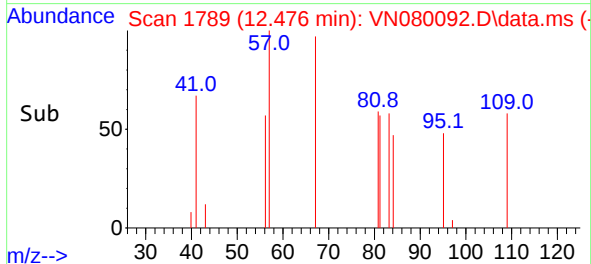
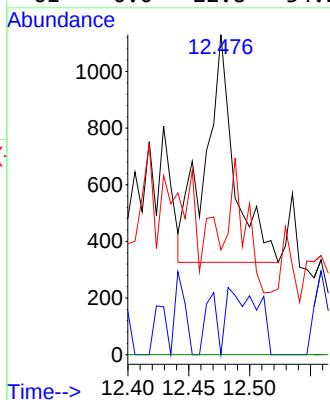


#74
N-amy1 acetate
Concen: 0.239 ug/l
RT: 12.476 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :

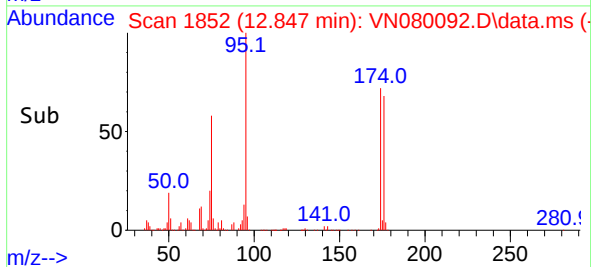
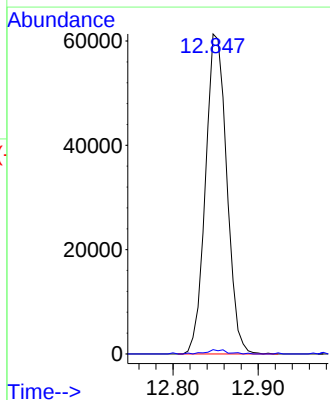
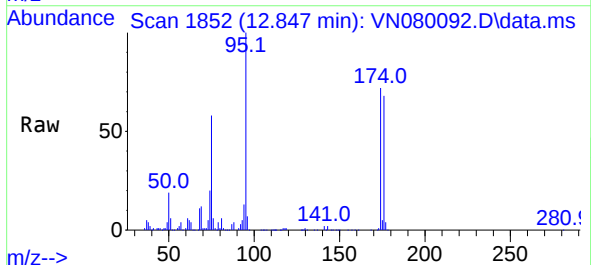


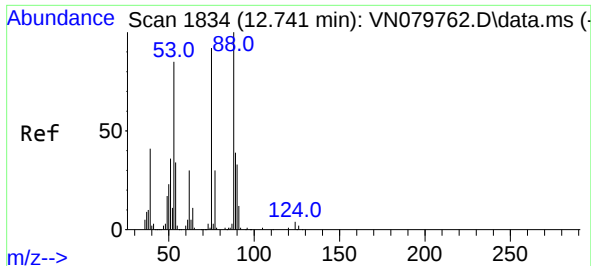
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
70 16.1 43.4 65.2#
55 32.3 21.4 32.0#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 26.541 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

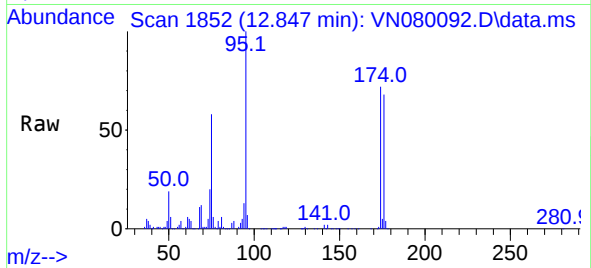
Tgt Ion: 75 Resp: 106259
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.213 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080092.D
Acq: 14 Nov 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 106259
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

