

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079103.D
 Acq On : 29 Aug 2023 18:56
 Operator : JC\MD
 Sample : PB155153ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 23:32:13 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)

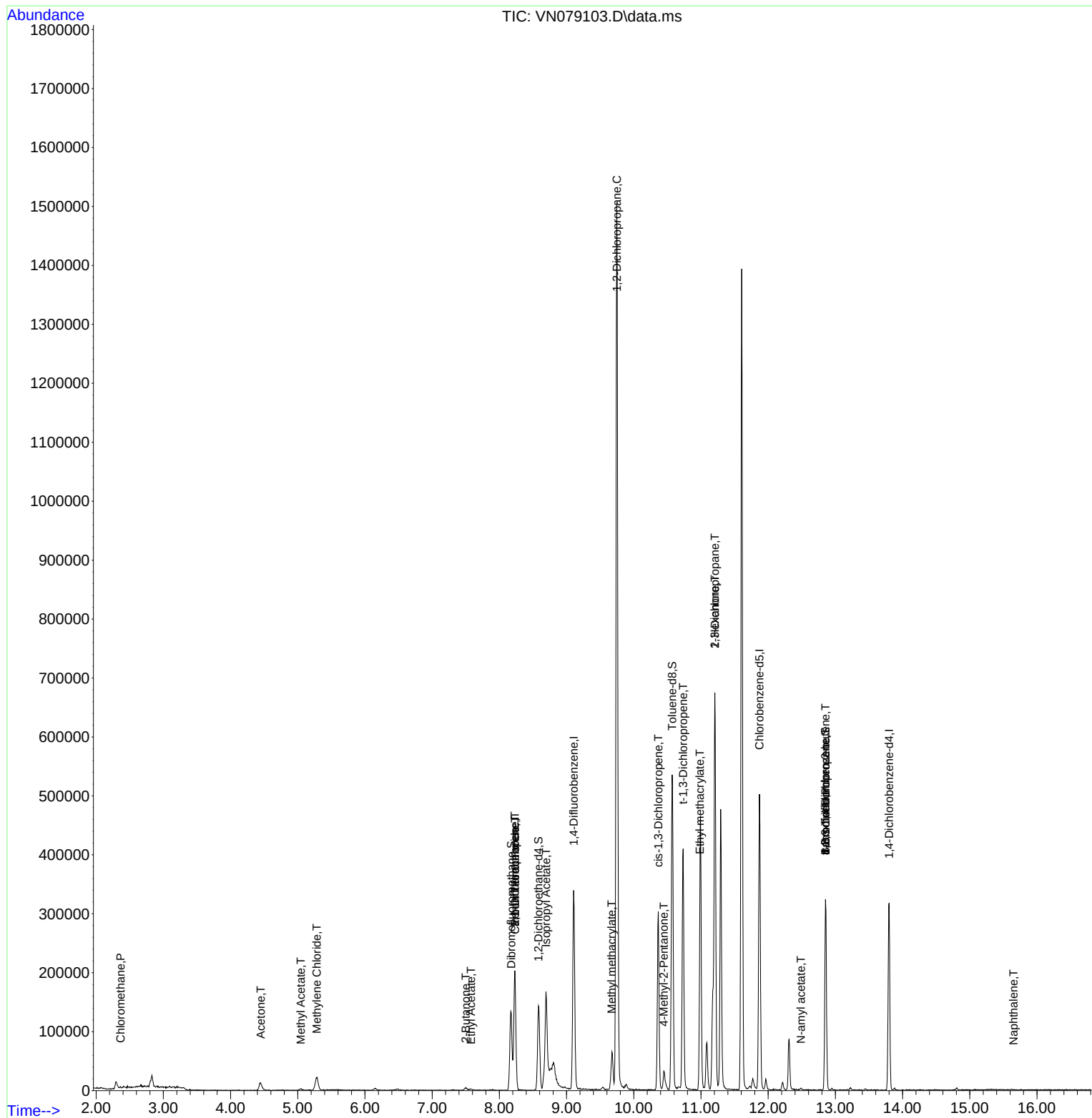
Internal Standards						
1) Pentafluorobenzene	8.230	168	137585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118022	55.126	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.260%		
35) Dibromofluoromethane	8.177	113	94694	51.059	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.120%		
50) Toluene-d8	10.571	98	365214	53.035	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.060%		
62) 4-Bromofluorobenzene	12.853	95	103805	46.118	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.240%		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	812	0.305	ug/l #	42
16) Acetone	4.447	43	25194	28.520	ug/l	89
18) Methyl Acetate	5.047	43	4427	1.186	ug/l #	65
20) Methylene Chloride	5.283	84	16060	8.531	ug/l #	87
25) 2-Butanone	7.500	43	7460	5.267	ug/l #	61
31) Cyclohexane	8.235	56	3705	Below Cal	#	50
36) 1,1-Dichloropropene	8.230	75	11701	4.194	ug/l #	49
37) Ethyl Acetate	7.577	43	4370	1.400	ug/l #	65
38) Carbon Tetrachloride	8.235	117	15721	5.624	ug/l #	14
43) Isopropyl Acetate	8.694	43	210218	38.103	ug/l #	71
45) 1,2-Dichloropropane	9.747	63	1836	0.836	ug/l #	45
48) Methyl methacrylate	9.671	41	4520	1.808	ug/l #	32
51) 4-Methyl-2-Pentanone	10.447	43	27763	8.485	ug/l #	71
53) t-1,3-Dichloropropene	10.735	75	900	0.282	ug/l #	44
54) cis-1,3-Dichloropropene	10.365	75	48584	13.989	ug/l #	72
56) Ethyl methacrylate	10.982	69	2177	0.692	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	7053	1.943	ug/l #	42
59) 2-Hexanone	11.206	43	94481	39.865	ug/l #	44
71) Bromoform	12.853	173	1126	0.698	ug/l #	28
74) N-amyl acetate	12.488	43	1238	0.356	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	59357	29.799	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	59357	76.124	ug/l #	15
95) Naphthalene	15.653	128	104	2.600	ug/l #	70

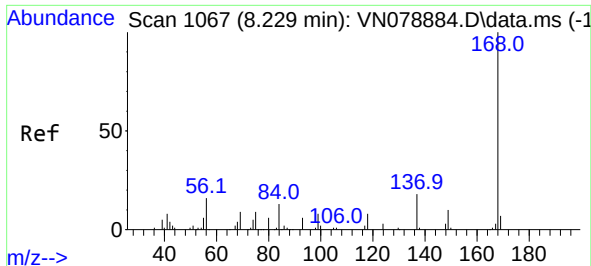
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

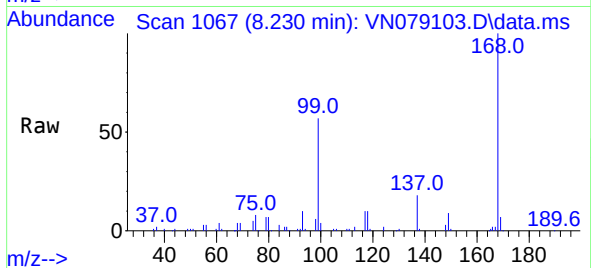
Quant Time: Aug 29 23:32:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



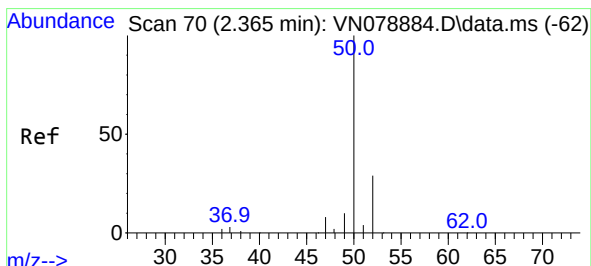
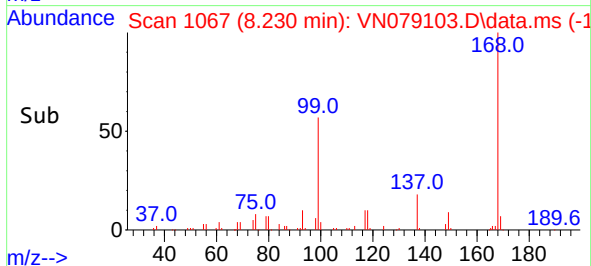
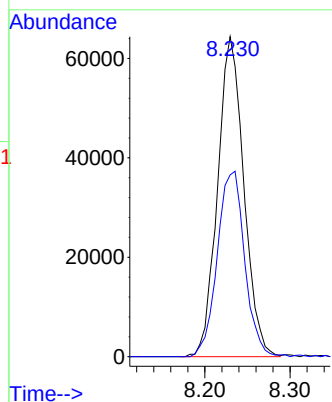


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :

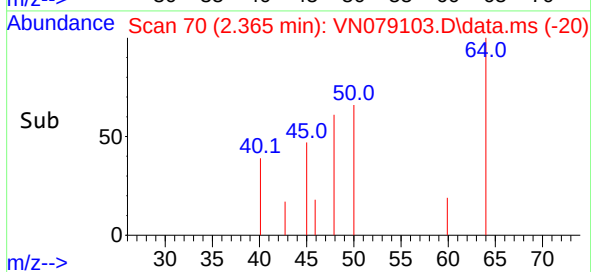
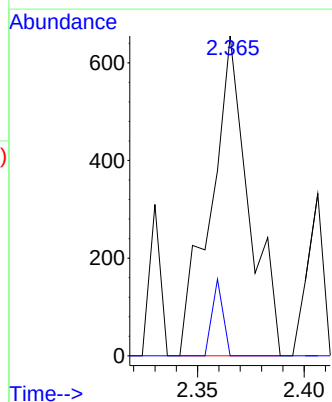
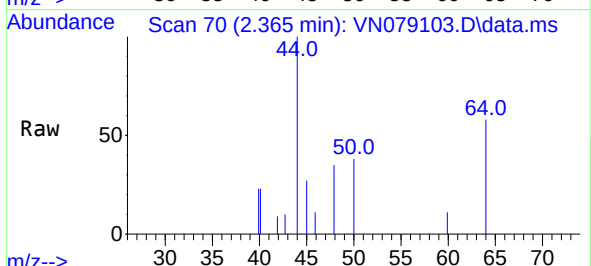


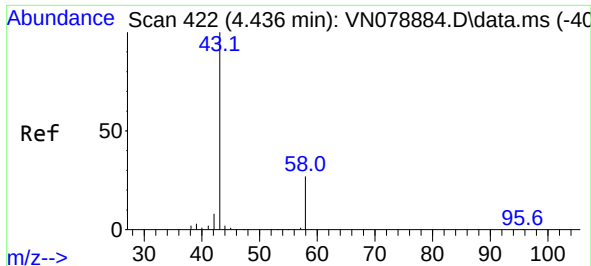
Tgt Ion:168 Resp: 137585
Ion Ratio Lower Upper
168 100
99 56.8 53.0 79.6



#3
Chloromethane
Concen: 0.305 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 50 Resp: 812
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

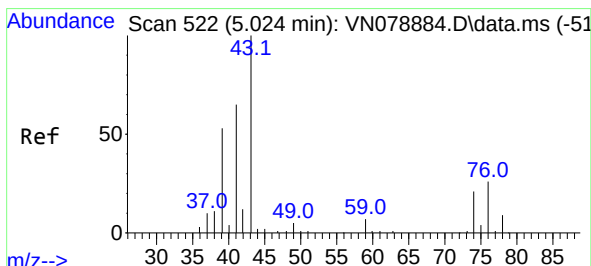
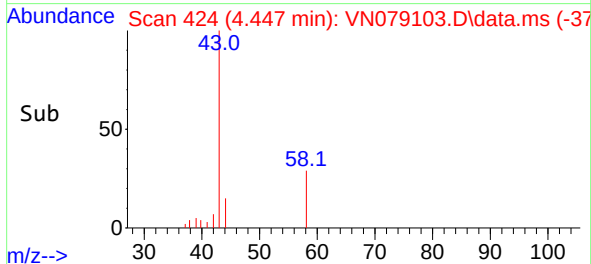
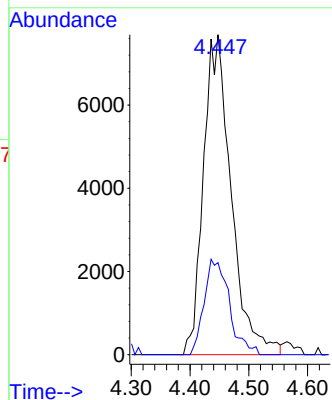
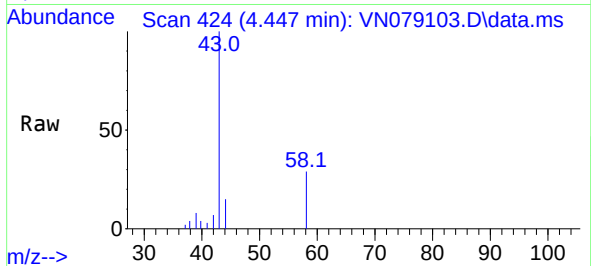




#16
Acetone
Concen: 28.520 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

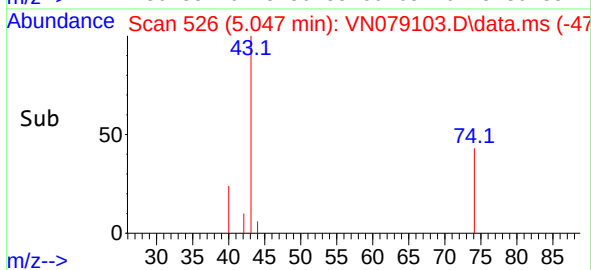
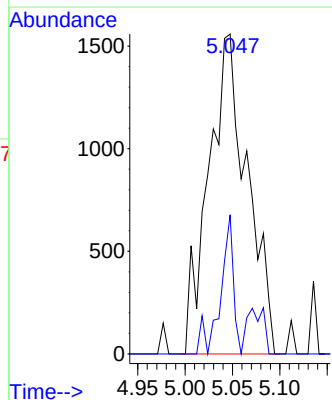
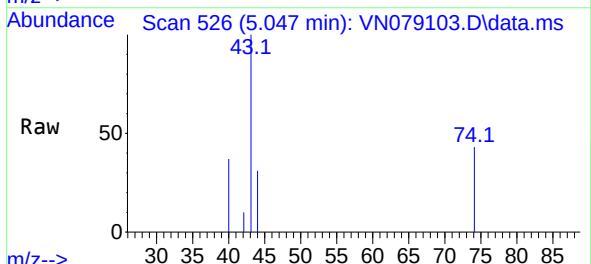
Instrument :
MSVOA_N
ClientSampleId :

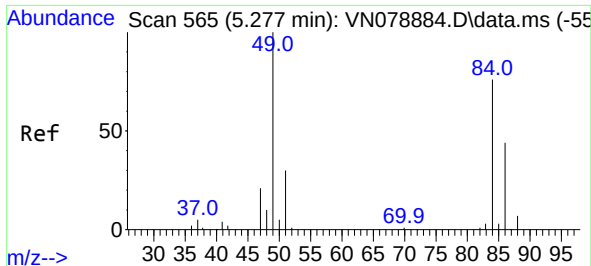
Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	28.0	42.0



#18
Methyl Acetate
Concen: 1.186 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.005 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

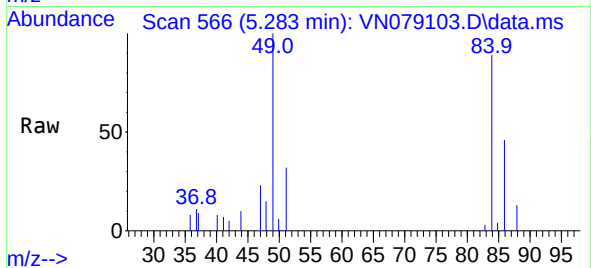
Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.0	26.2	39.4#





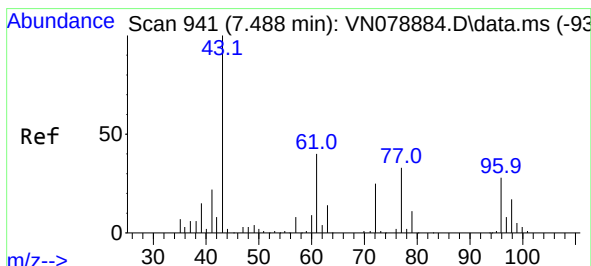
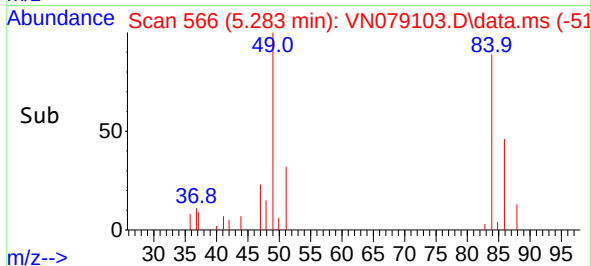
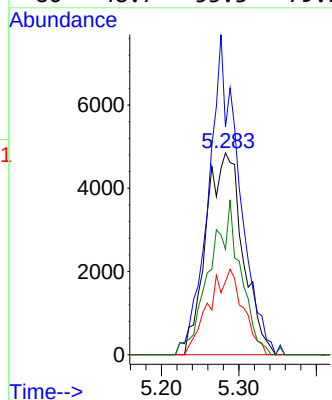
#20
Methylene Chloride
Concen: 8.531 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 16060

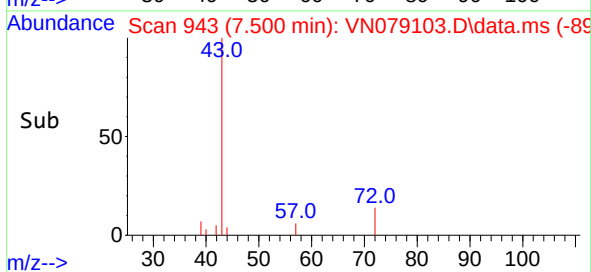
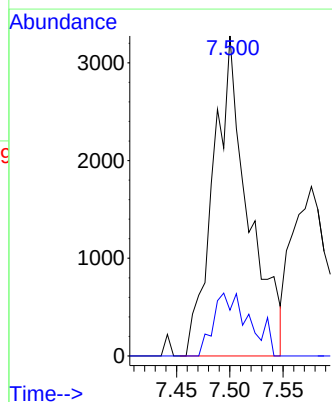
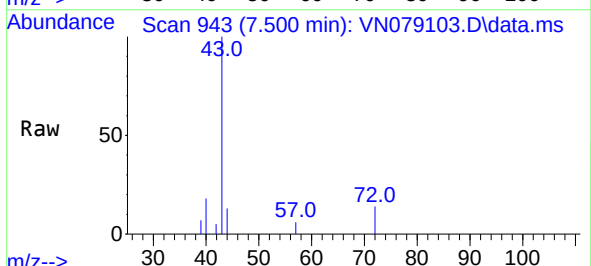
Ion	Ratio	Lower	Upper
84	100		
49	108.1	79.7	119.5
51	36.2	25.2	37.8
86	48.7	53.3	79.9#

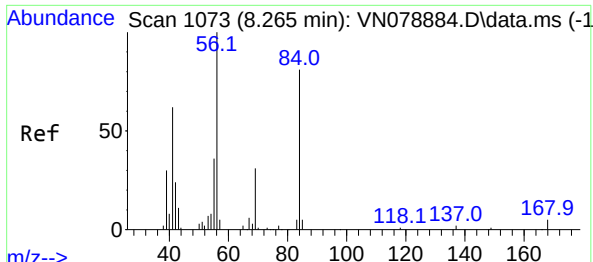


#25
2-Butanone
Concen: 5.267 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 43 Resp: 7460

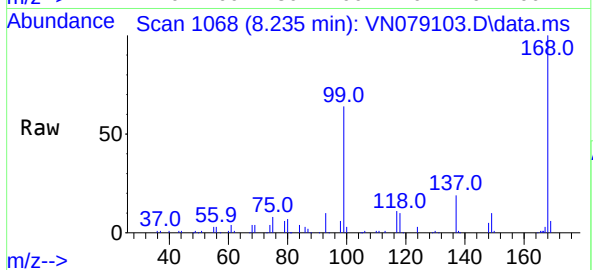
Ion	Ratio	Lower	Upper
43	100		
72	14.3	30.2	45.2#



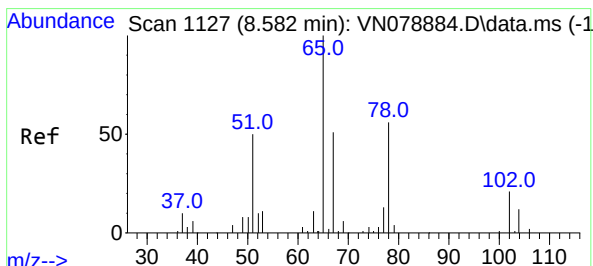
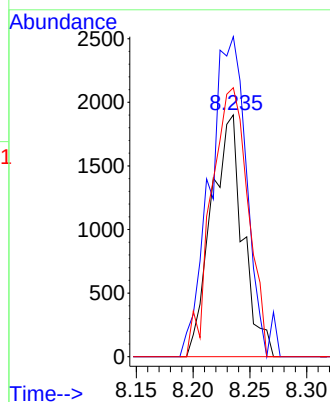
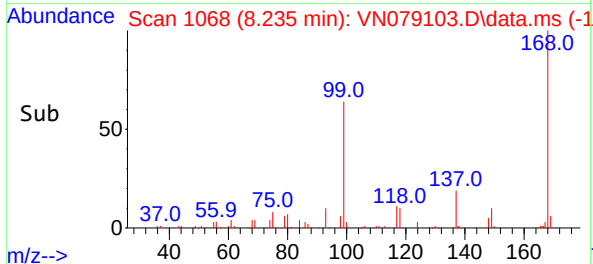


#31
Cyclohexane
Concen: Below Cal
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :

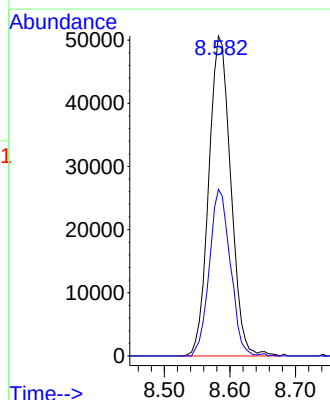
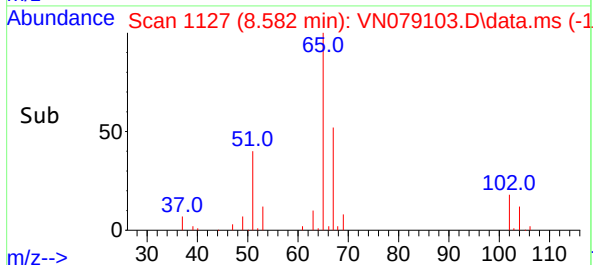
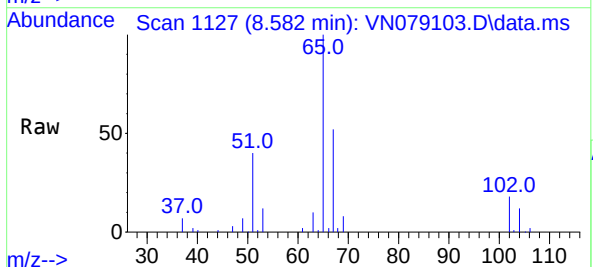


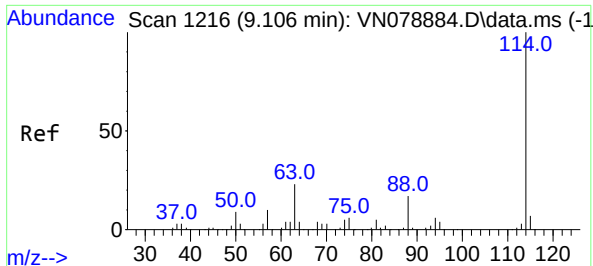
Tgt Ion: 56 Resp: 3705
Ion Ratio Lower Upper
56 100
69 132.4 26.8 40.2#
84 111.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.126 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 65 Resp: 118022
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079103.D

Acq: 29 Aug 2023 18:56

Instrument :

MSVOA_N

ClientSampleId :

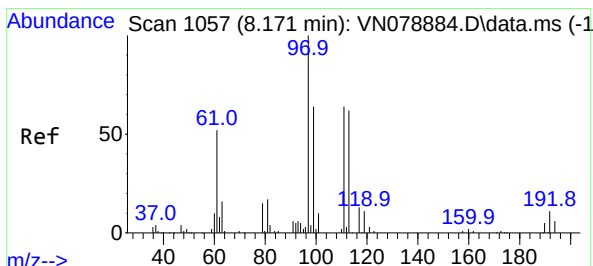
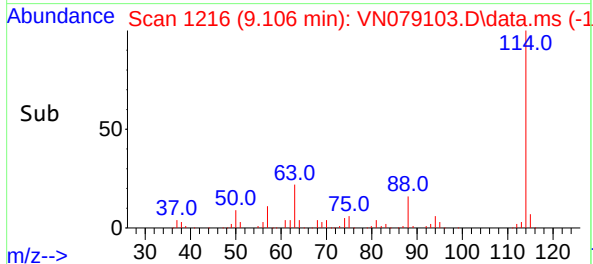
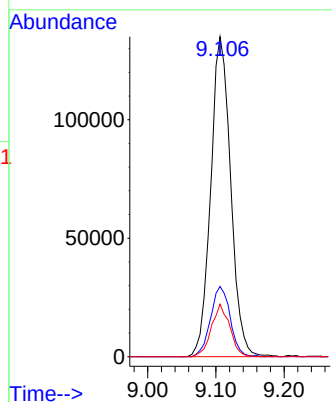
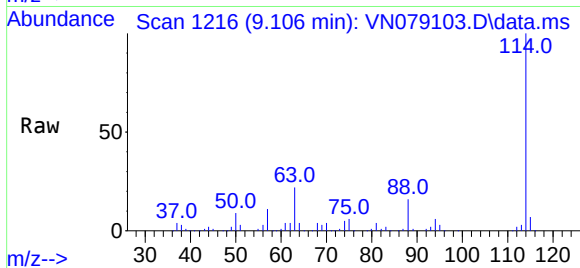
Tgt Ion:114 Resp: 275513

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.059 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079103.D

Acq: 29 Aug 2023 18:56

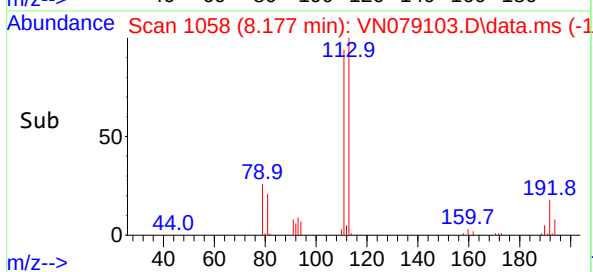
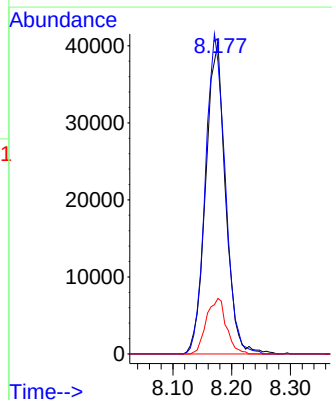
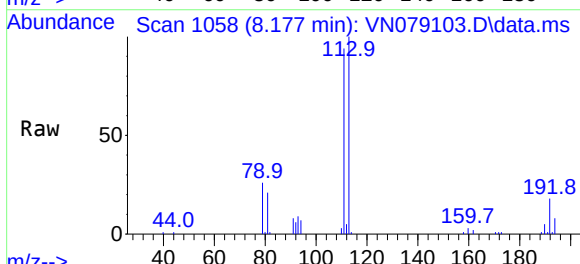
Tgt Ion:113 Resp: 94694

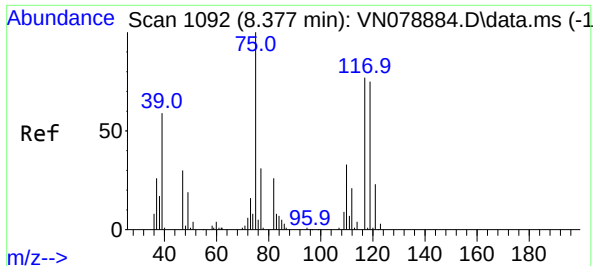
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

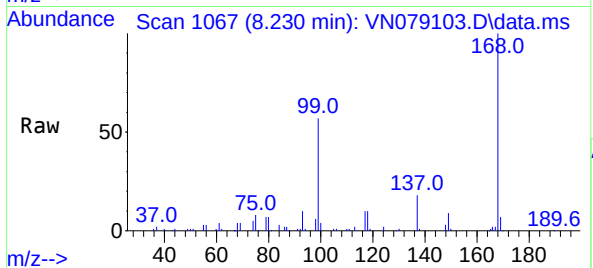
192 17.9 12.7 19.1



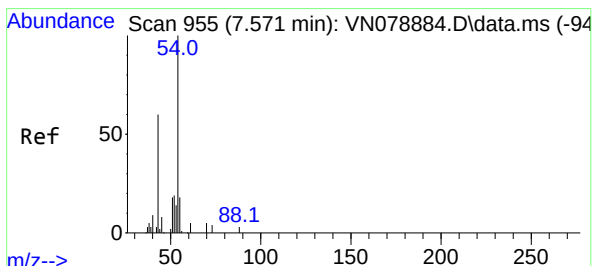
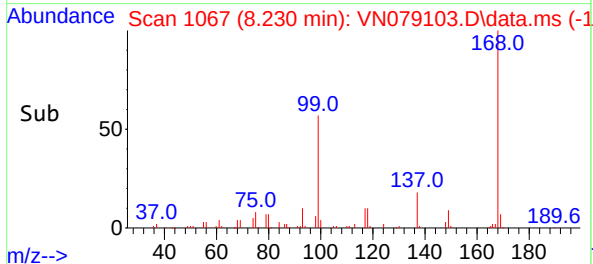
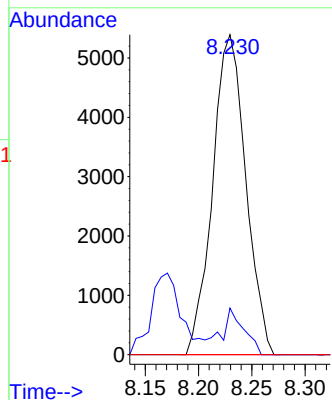


#36
1,1-Dichloropropene
Concen: 4.194 ug/l
RT: 8.230 min Scan# 11701
Delta R.T. -0.147 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :

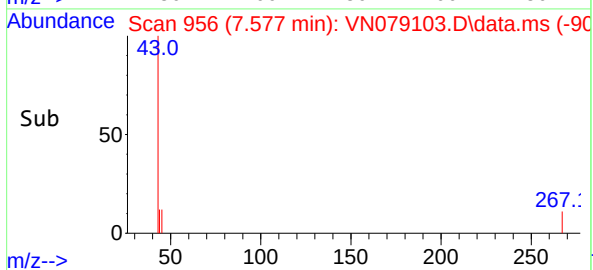
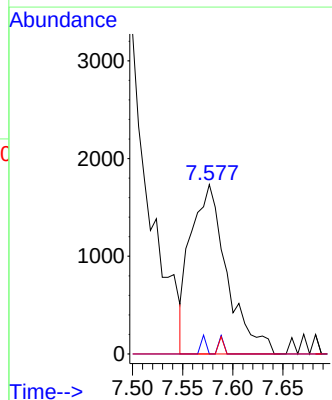
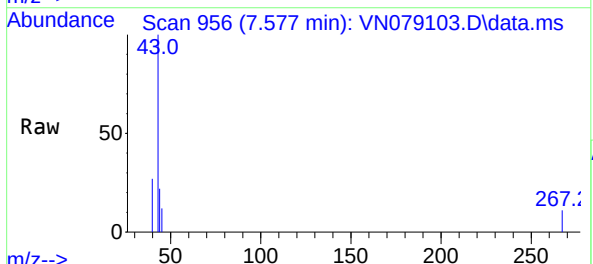


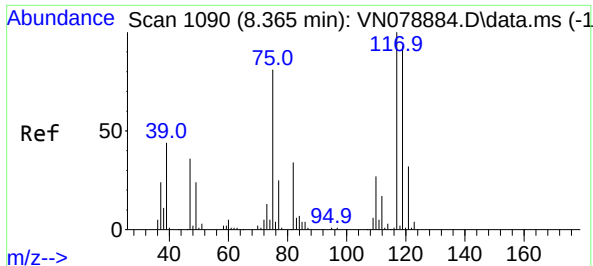
Tgt Ion: 75 Resp: 11701
Ion Ratio Lower Upper
75 100
110 9.9 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.400 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

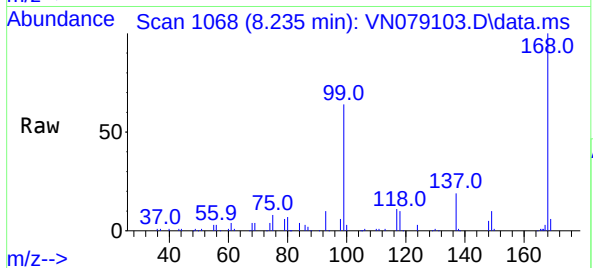
Tgt Ion: 43 Resp: 4370
Ion Ratio Lower Upper
43 100
61 1.6 13.2 19.8#
70 0.0 11.3 16.9#



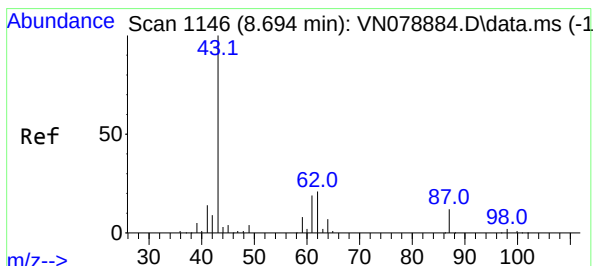
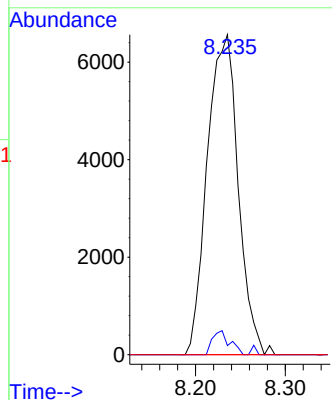
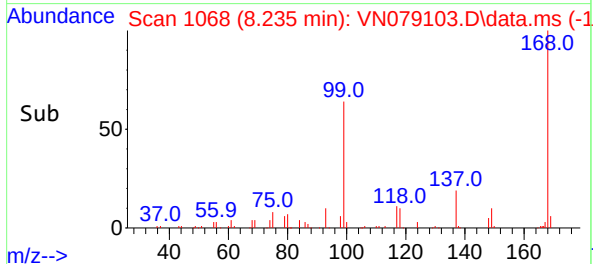


#38
Carbon Tetrachloride
Concen: 5.624 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :

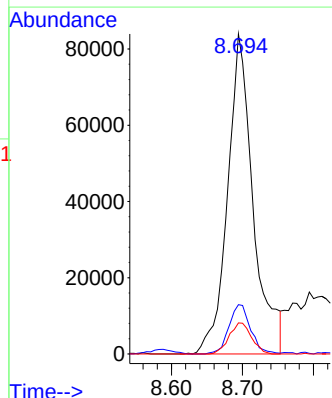
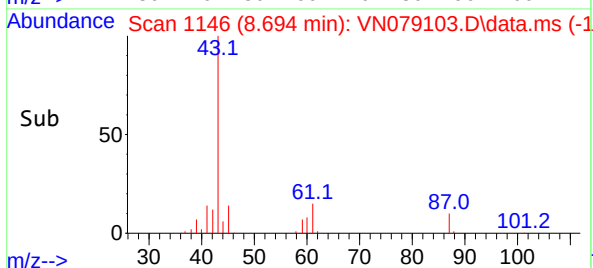
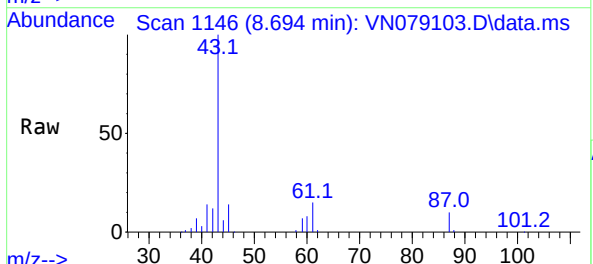


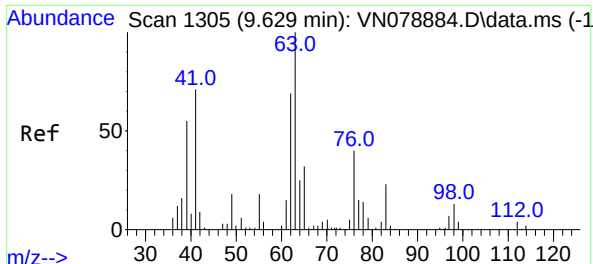
Tgt Ion:117 Resp: 15721
Ion Ratio Lower Upper
117 100
119 2.9 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 38.103 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 43 Resp: 210218
Ion Ratio Lower Upper
43 100
61 13.1 24.7 37.1#
87 8.5 14.6 21.8#

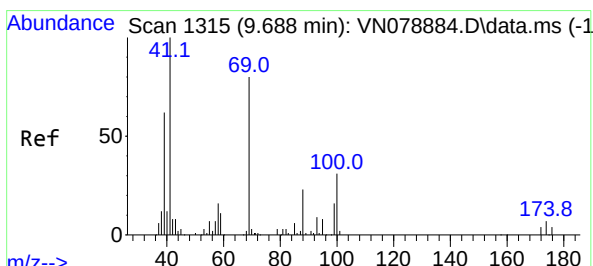
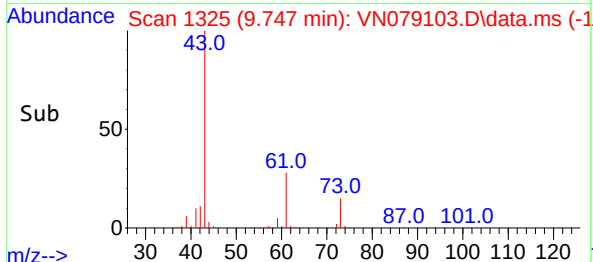
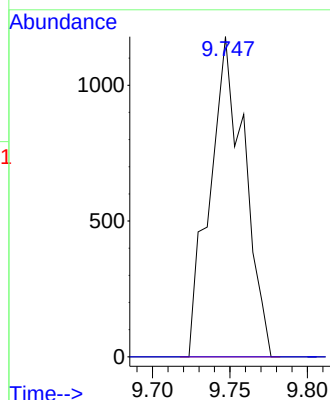
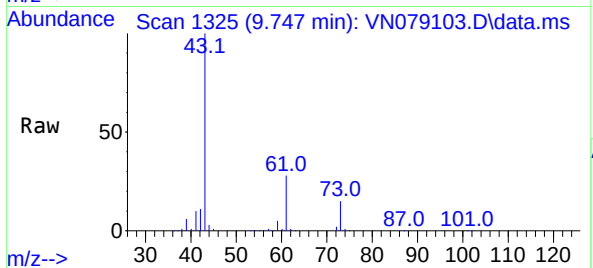




#45
1,2-Dichloropropane
Concen: 0.836 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.123 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

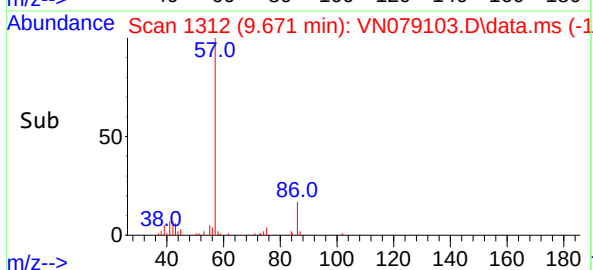
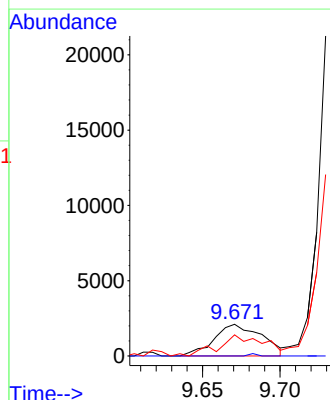
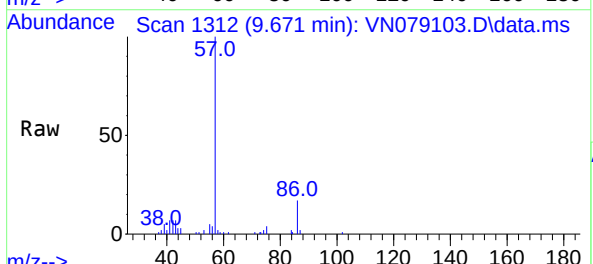
Instrument :
MSVOA_N
ClientSampleId :

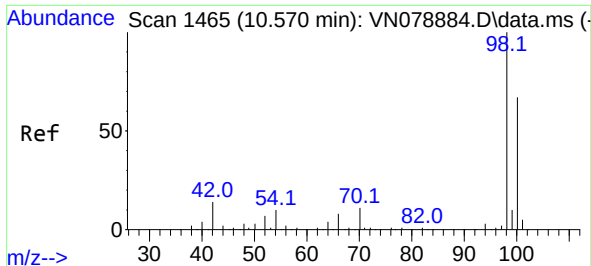
Tgt Ion: 63 Resp: 1836
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



#48
Methyl methacrylate
Concen: 1.808 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.017 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 41 Resp: 4520
Ion Ratio Lower Upper
41 100
69 1.3 90.4 135.6#
39 61.8 54.6 81.8

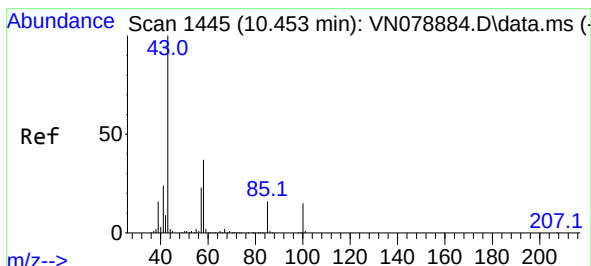
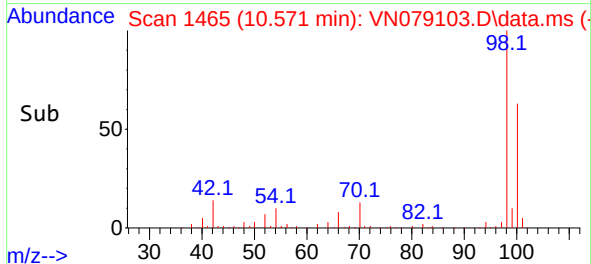
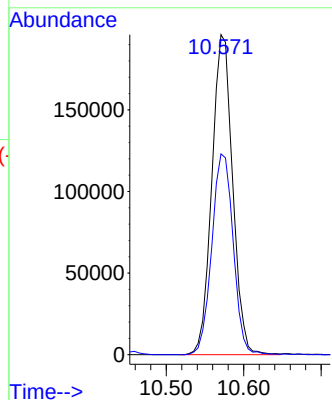
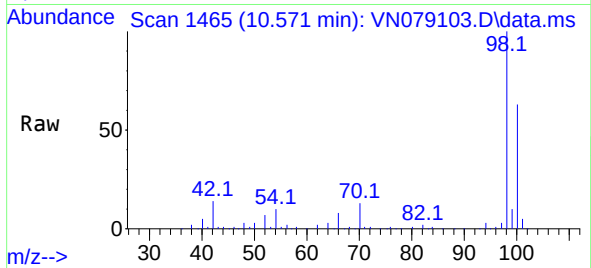




#50
Toluene-d8
Concen: 53.035 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

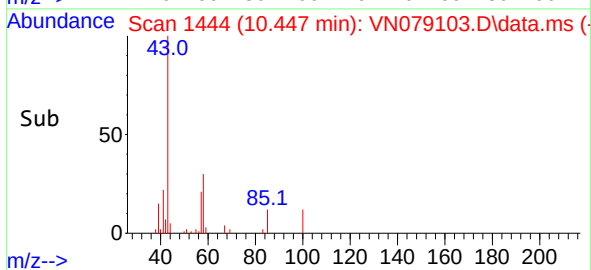
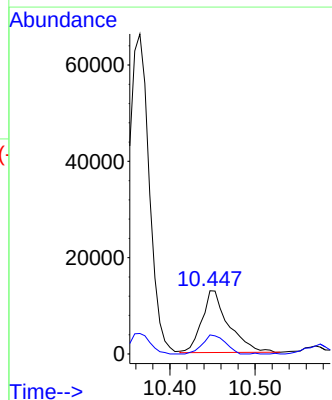
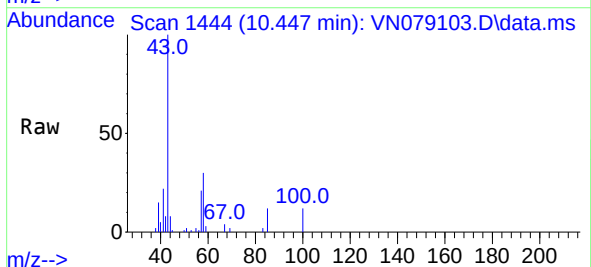
Instrument :
MSVOA_N
ClientSampleId :

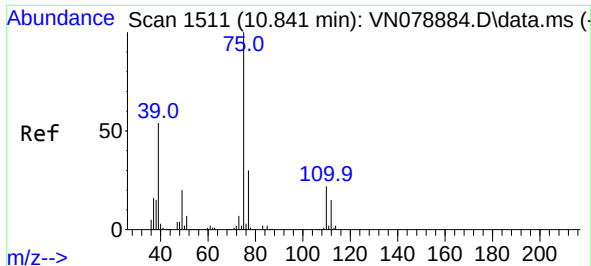
Tgt Ion: 98 Resp: 365214
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 8.485 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

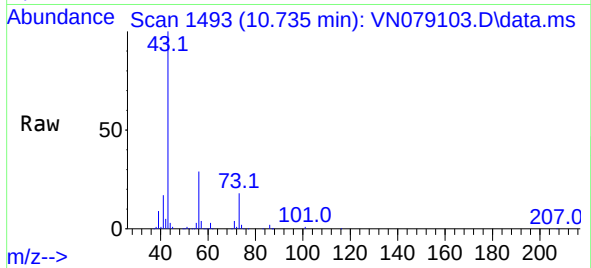
Tgt Ion: 43 Resp: 27763
Ion Ratio Lower Upper
43 100
58 26.3 36.6 54.8#



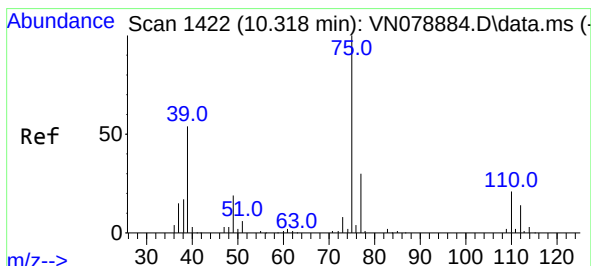
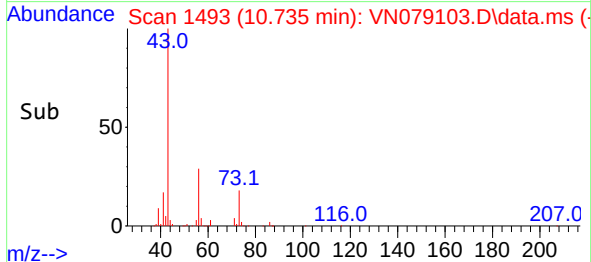
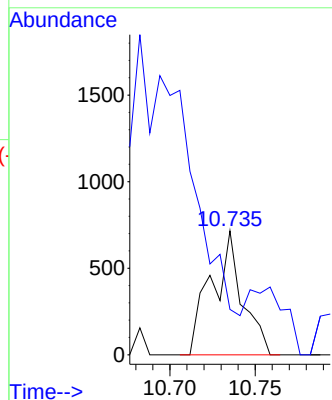


#53
t-1,3-Dichloropropene
Concen: 0.282 ug/l
RT: 10.735 min Scan# 14
Delta R.T. -0.106 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :

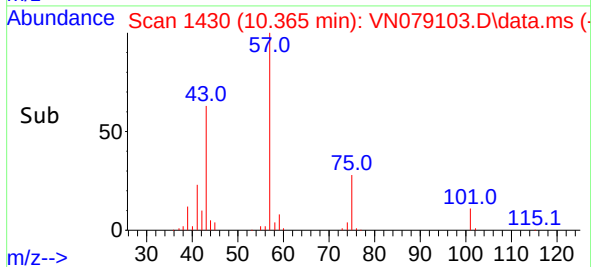
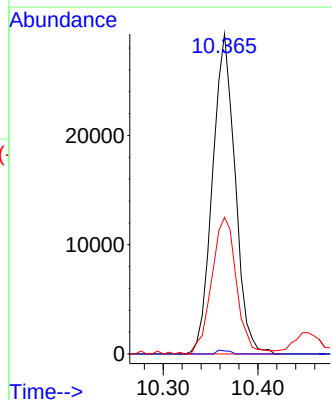
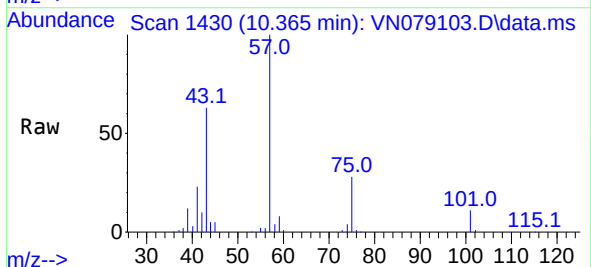


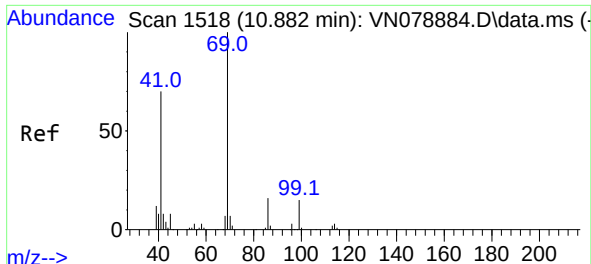
Tgt Ion: 75 Resp: 900
Ion Ratio Lower Upper
75 100
77 0.6 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 13.989 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

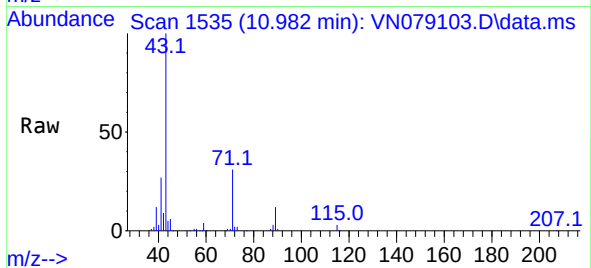
Tgt Ion: 75 Resp: 48584
Ion Ratio Lower Upper
75 100
77 1.0 26.1 39.1#
39 42.2 31.6 47.4



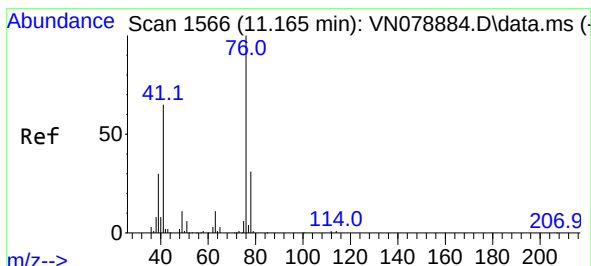
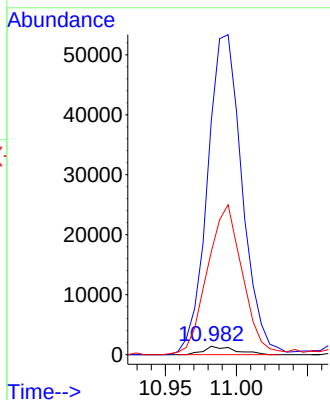
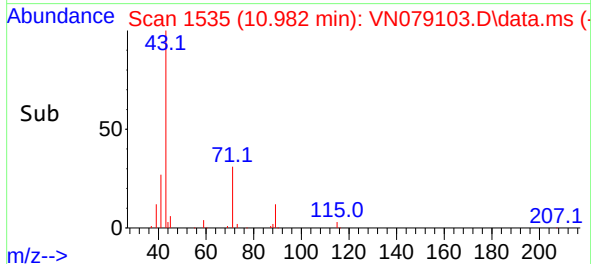


#56
Ethyl methacrylate
Concen: 0.692 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.105 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :

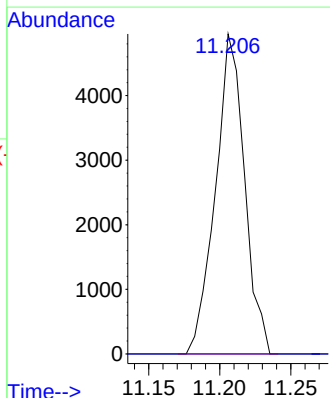
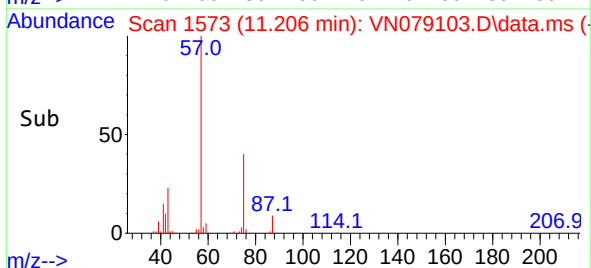
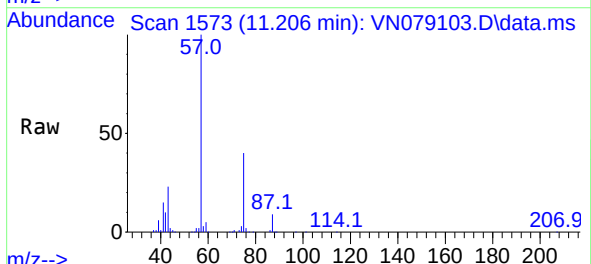


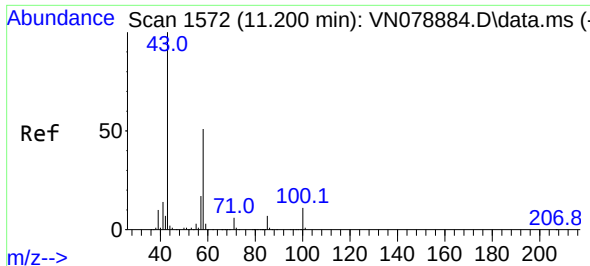
Tgt Ion: 69 Resp: 2177
Ion Ratio Lower Upper
69 100
41 4184.0 39.6 59.4#
39 1974.9 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.943 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 76 Resp: 7053
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

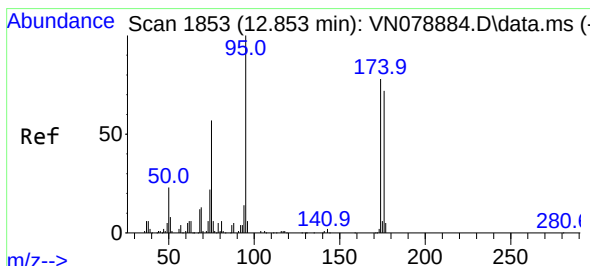
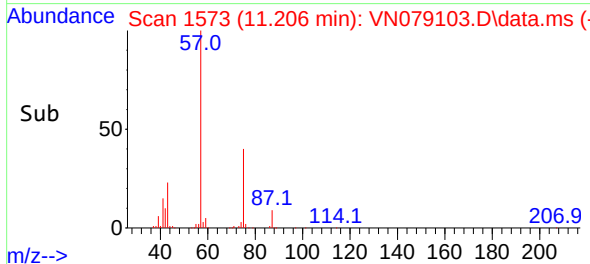
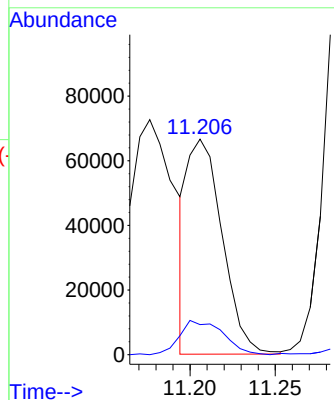
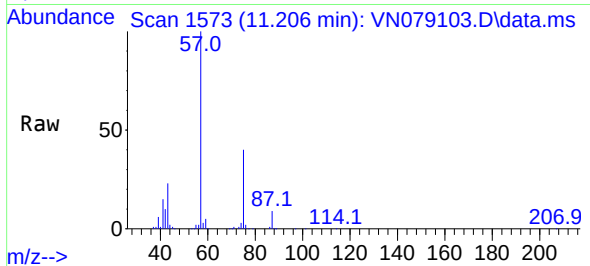




#59
2-Hexanone
Concen: 39.865 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

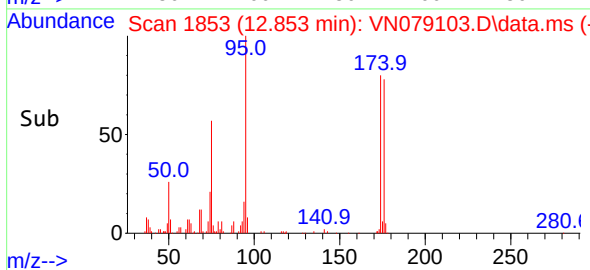
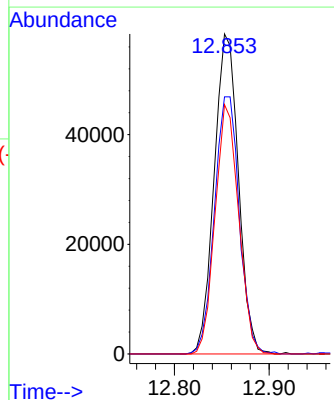
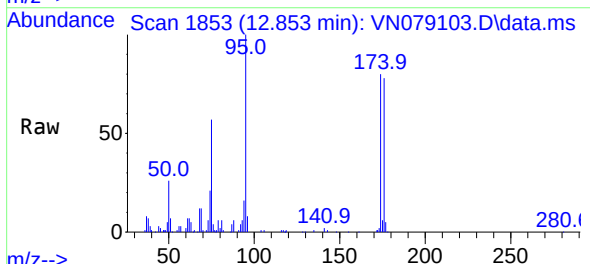
Instrument :
MSVOA_N
ClientSampleId :

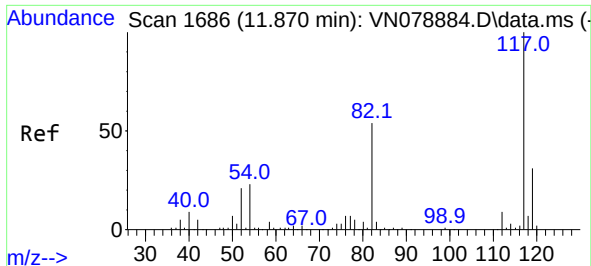
Tgt Ion: 43 Resp: 94481
Ion Ratio Lower Upper
43 100
58 19.9 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 46.118 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

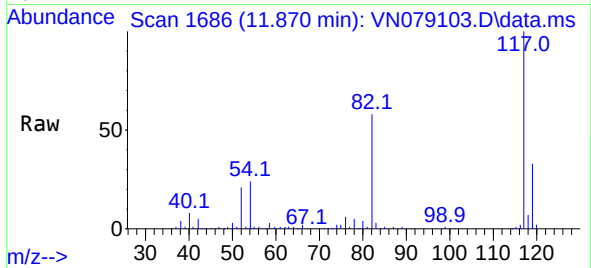
Tgt Ion: 95 Resp: 103805
Ion Ratio Lower Upper
95 100
174 82.5 0.0 143.8
176 75.9 0.0 135.8



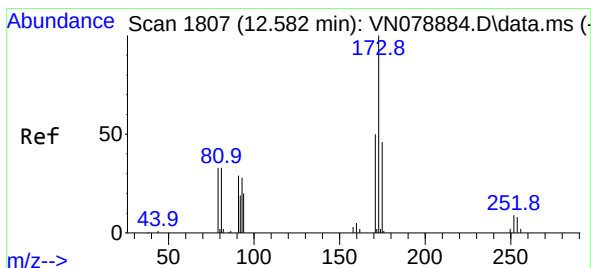
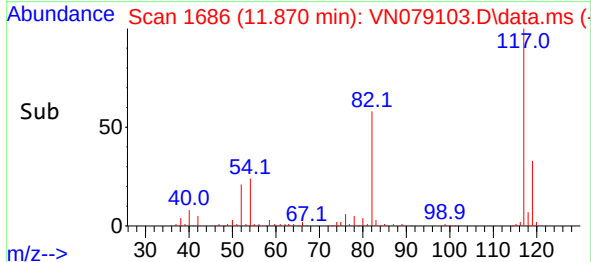
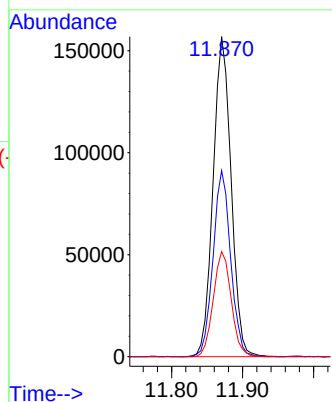


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :

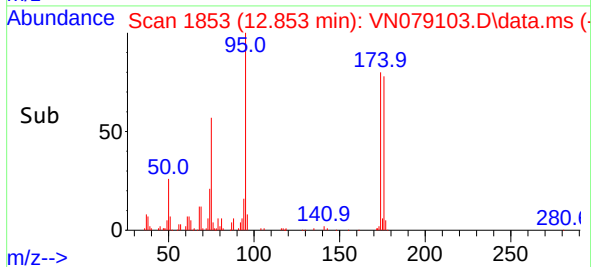
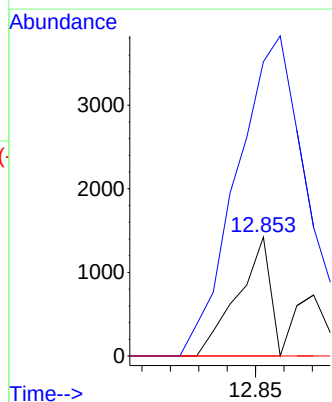
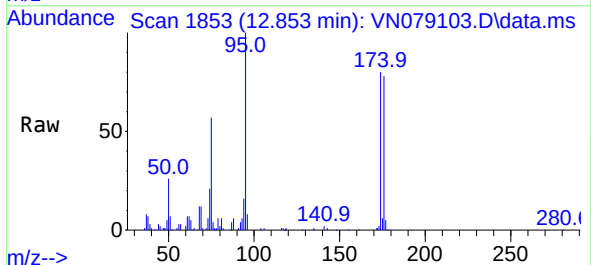


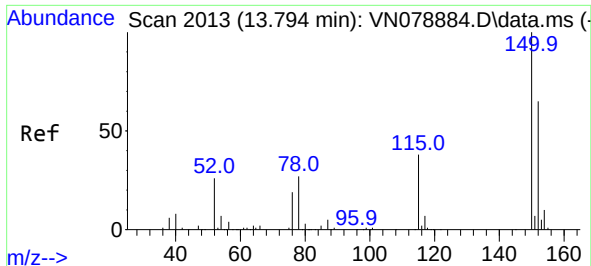
Tgt Ion:117 Resp: 275989
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.8 25.6 38.4



#71
Bromoform
Concen: 0.698 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion:173 Resp: 1126
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

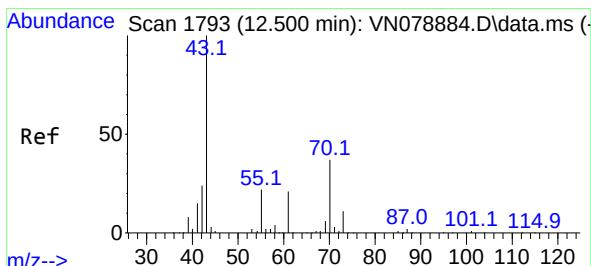
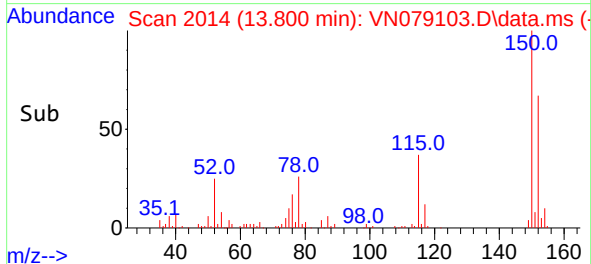
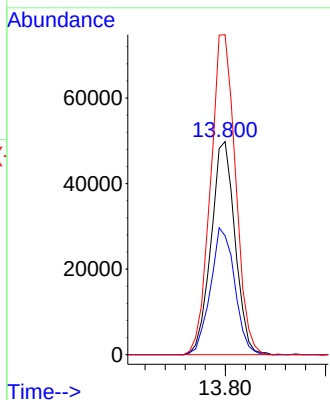
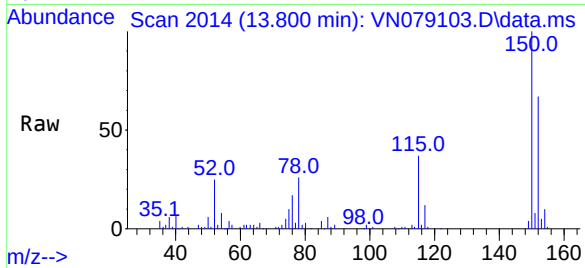




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

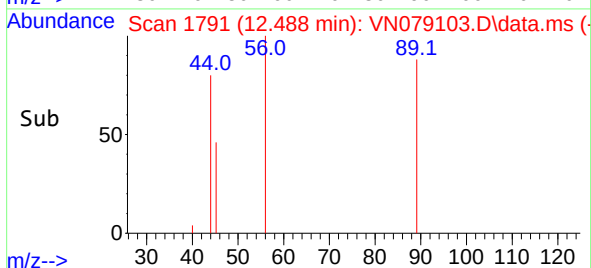
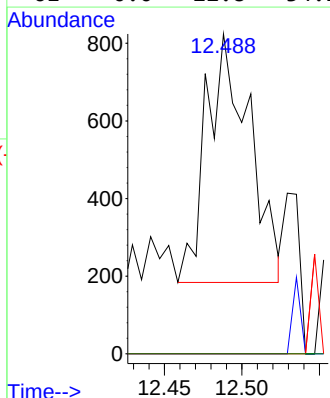
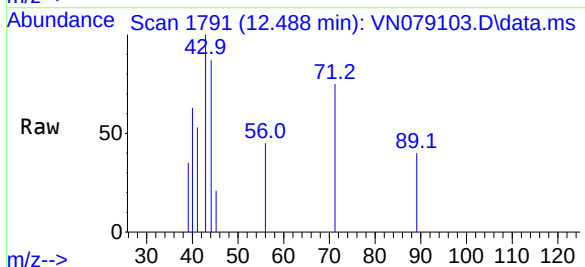
Instrument :
MSVOA_N
ClientSampleId :

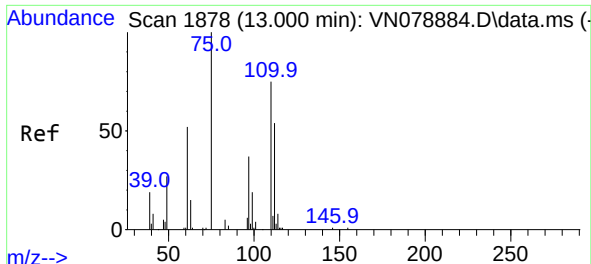
Tgt Ion:152 Resp: 82668
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 156.5 0.0 355.8



#74
N-amy1 acetate
Concen: 0.356 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#

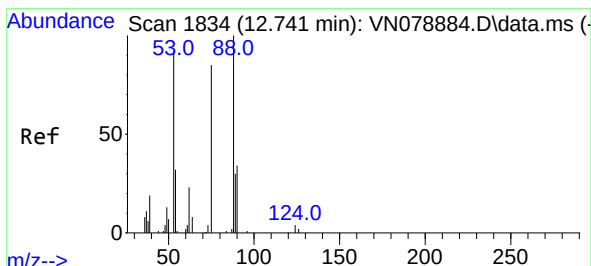
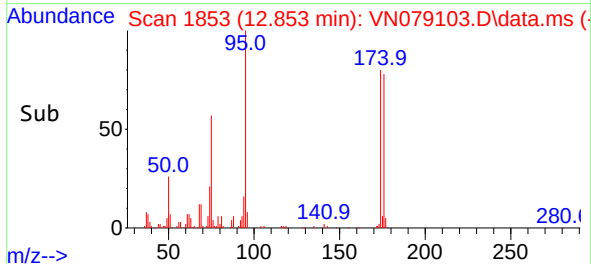
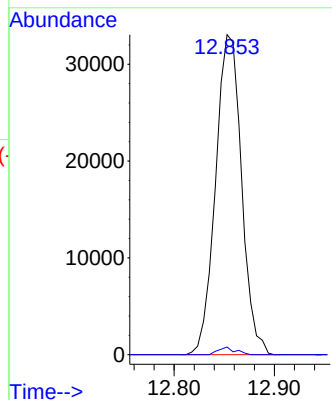
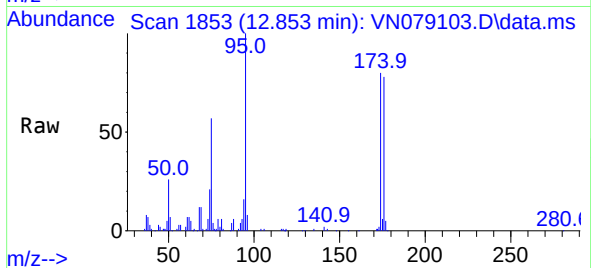




#76
1,2,3-Trichloropropane
Concen: 29.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

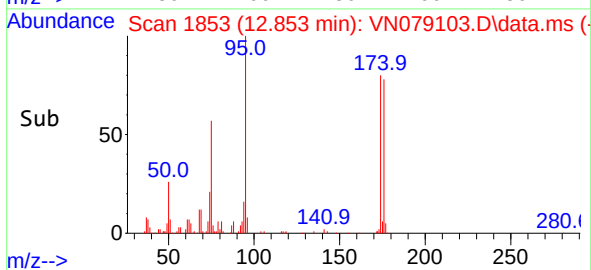
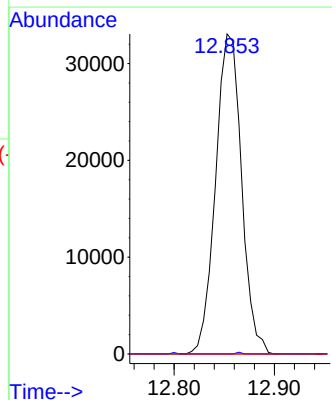
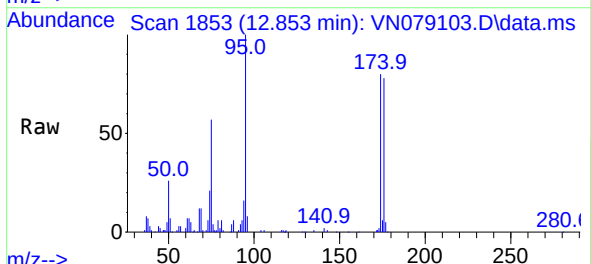
Instrument :
MSVOA_N
ClientSampleId :

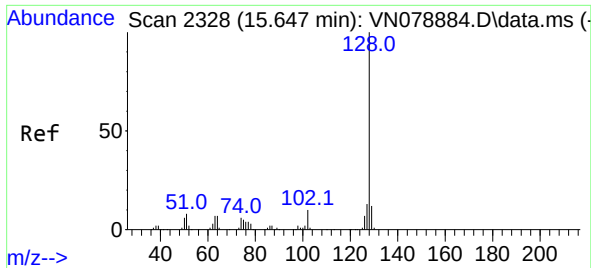
Tgt Ion: 75 Resp: 59357
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.124 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

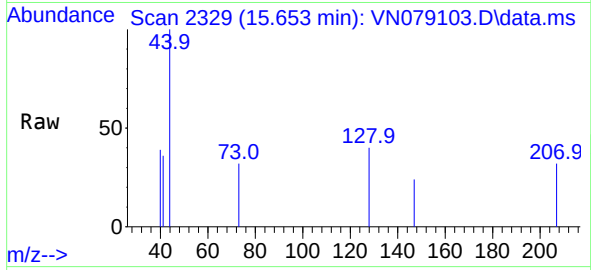
Tgt Ion: 75 Resp: 59357
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 2.600 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079103.D
Acq: 29 Aug 2023 18:56

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	104
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#

