

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111323\
 Data File : VN080076.D
 Acq On : 13 Nov 2023 19:05
 Operator : JC\MD
 Sample : PB157075ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 19:26:37 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

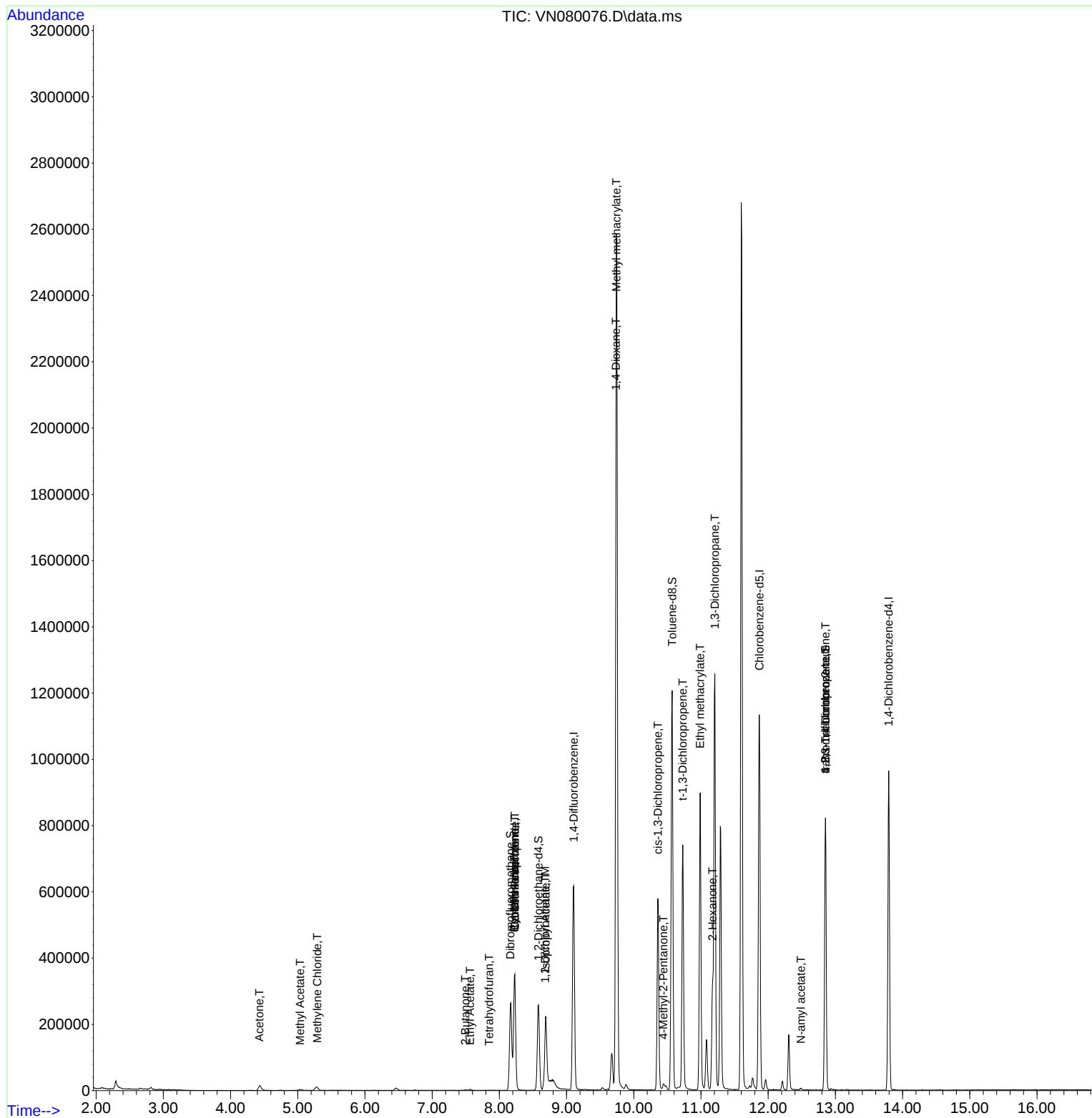
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	247509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	666097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216248	57.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.700%	
35) Dibromofluoromethane	8.165	113	192292	50.672	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	10.570	98	825954	59.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 118.240%#	
62) 4-Bromofluorobenzene	12.853	95	290688	62.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.480%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	876	Below Cal	#	42
16) Acetone	4.430	43	29349	22.158	ug/l	91
18) Methyl Acetate	5.036	43	6419	1.013	ug/l #	69
20) Methylene Chloride	5.288	84	9009	2.696	ug/l #	96
25) 2-Butanone	7.494	43	3037	1.566	ug/l #	69
29) Tetrahydrofuran	7.847	42	498	0.395	ug/l #	41
31) Cyclohexane	8.224	56	5467	1.097	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	21238	3.920	ug/l #	48
37) Ethyl Acetate	7.565	43	4744	0.955	ug/l #	81
38) Carbon Tetrachloride	8.229	117	26887	4.924	ug/l #	16
42) 1,2-Dichloroethane	8.682	62	1214	0.214	ug/l #	73
43) Isopropyl Acetate	8.688	43	252608	28.986	ug/l #	81
48) Methyl methacrylate	9.741	41	235579	61.716	ug/l #	28
49) 1,4-Dioxane	9.735	88	391	5.797	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	10586	2.158	ug/l	98
53) t-1,3-Dichloropropene	10.729	75	1969	0.333	ug/l #	17
54) cis-1,3-Dichloropropene	10.359	75	98511	15.265	ug/l #	72
56) Ethyl methacrylate	10.988	69	4761	0.863	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	13081	1.918	ug/l #	44
59) 2-Hexanone	11.170	43	244500	65.143	ug/l #	19
74) N-amyl acetate	12.488	43	2884	0.346	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	153252	25.973	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	153252	70.667	ug/l #	15

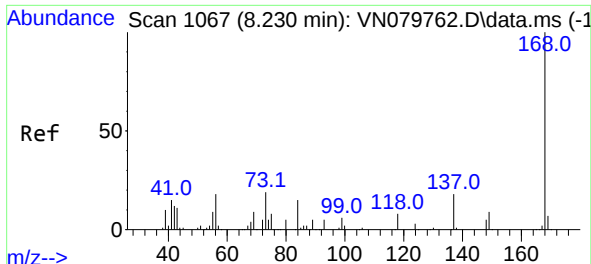
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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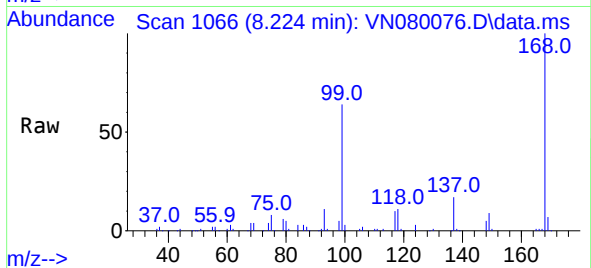
Quant Time: Nov 14 19:26:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
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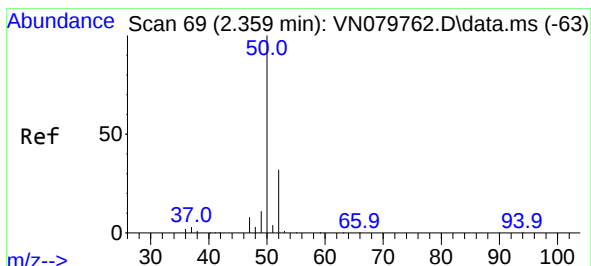
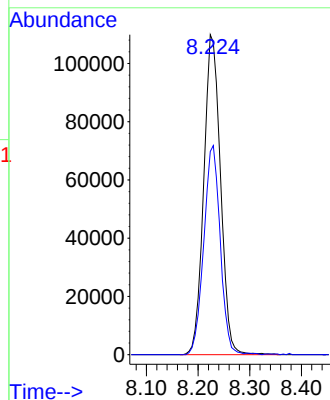
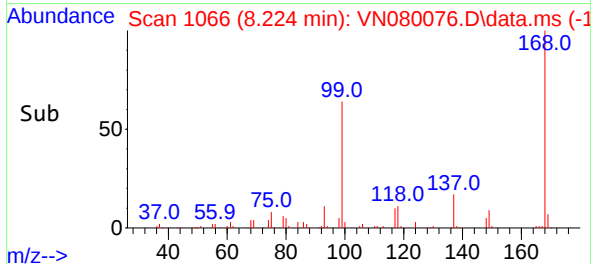


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :

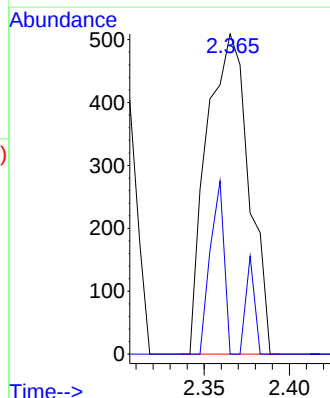
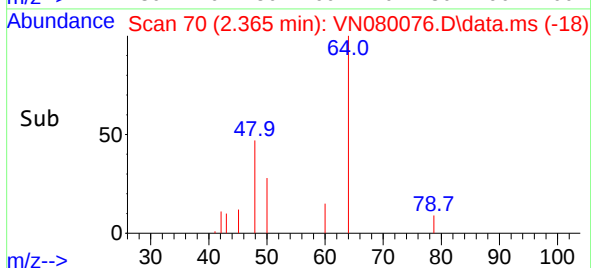
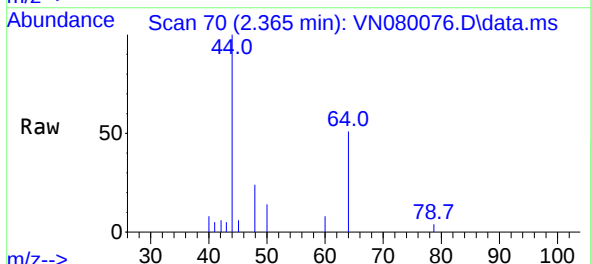


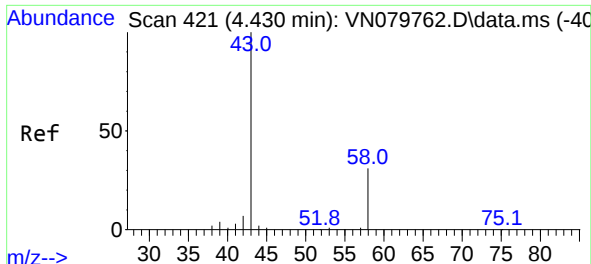
Tgt Ion:168 Resp: 247509
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Tgt Ion: 50 Resp: 876
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

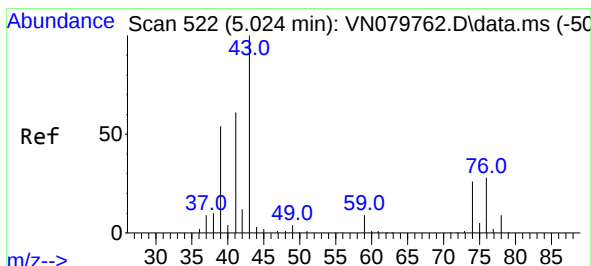
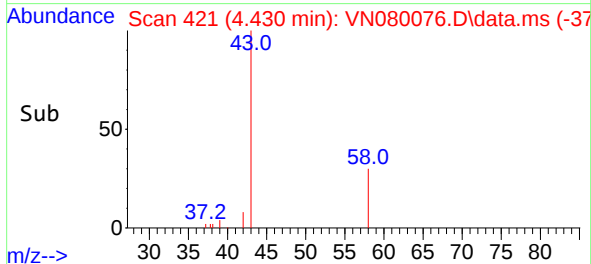
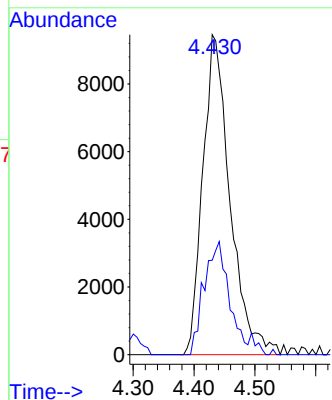
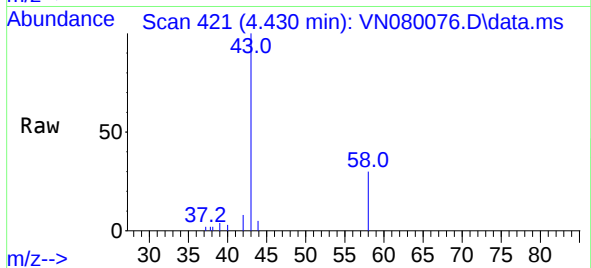




#16
Acetone
Concen: 22.158 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

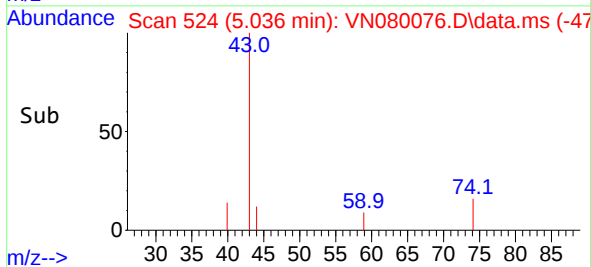
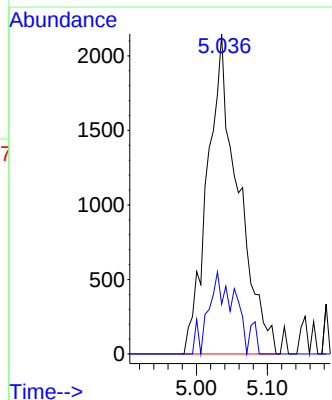
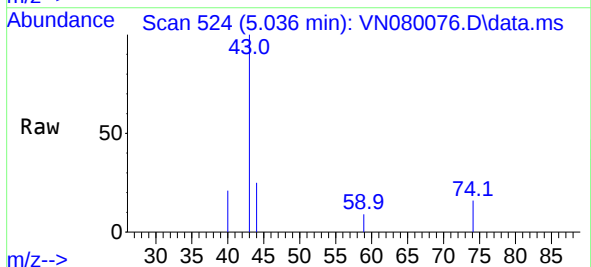
Instrument :
MSVOA_N
ClientSampleId :

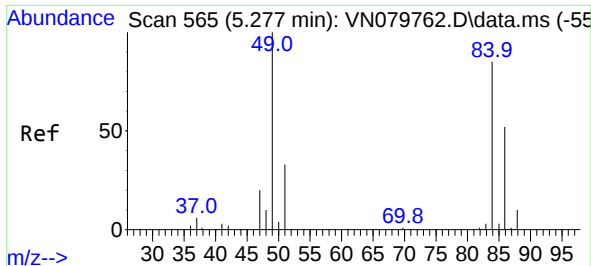
Tgt Ion: 43 Resp: 29349
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0



#18
Methyl Acetate
Concen: 1.013 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

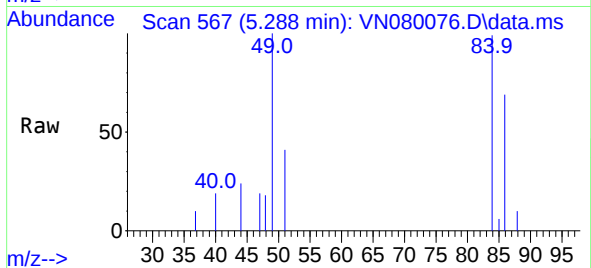
Tgt Ion: 43 Resp: 6419
Ion Ratio Lower Upper
43 100
74 15.5 26.2 39.4#



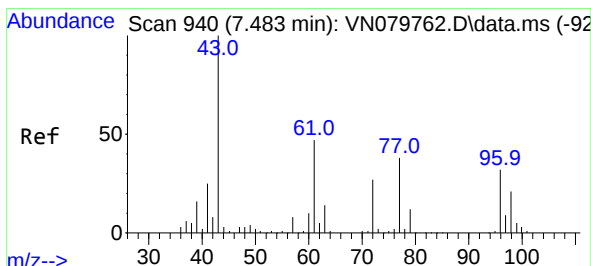
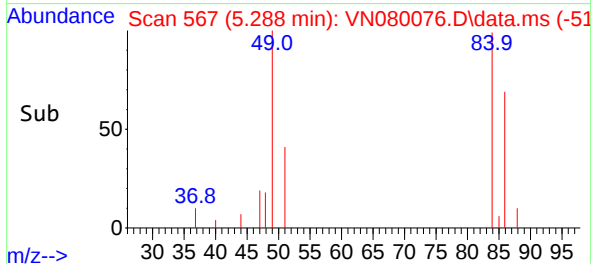
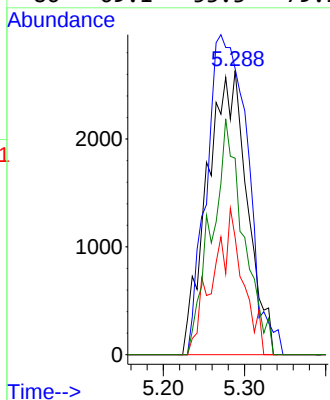


#20
Methylene Chloride
Concen: 2.696 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :

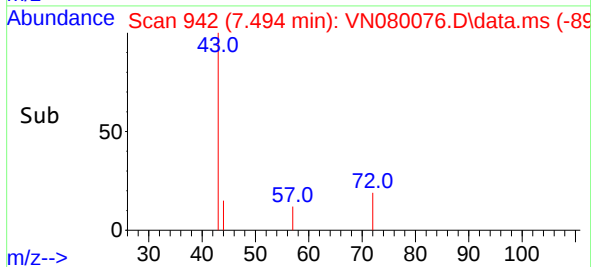
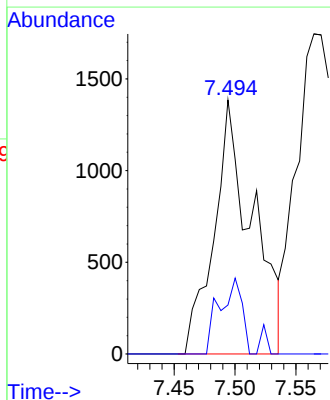
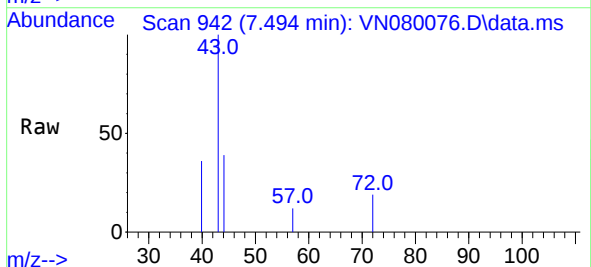


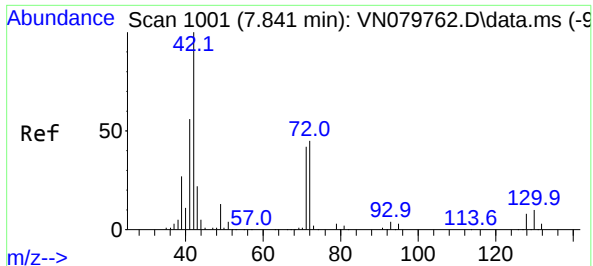
Tgt Ion: 84 Resp: 9009
Ion Ratio Lower Upper
84 100
49 100.6 79.7 119.5
51 41.2 25.2 37.8#
86 69.1 53.3 79.9



#25
2-Butanone
Concen: 1.566 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Tgt Ion: 43 Resp: 3037
Ion Ratio Lower Upper
43 100
72 19.3 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.395 ug/l

RT: 7.847 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN080076.D

Acq: 13 Nov 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

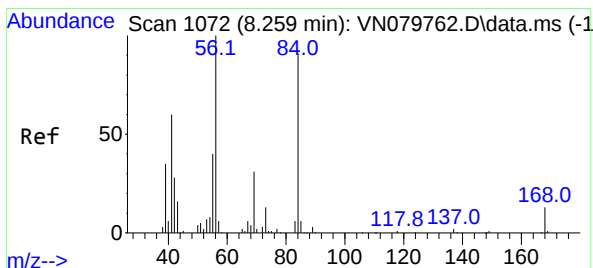
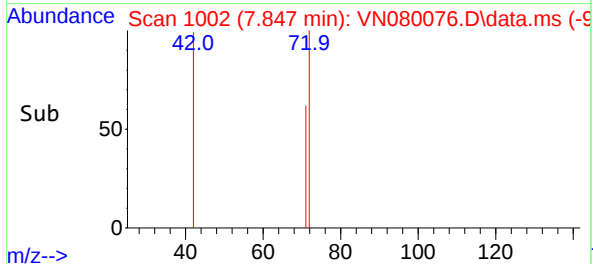
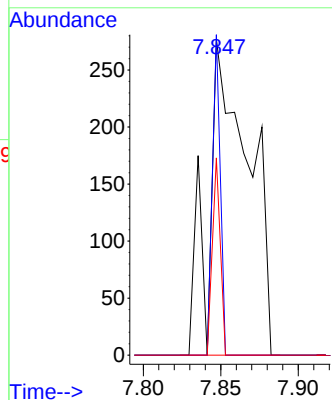
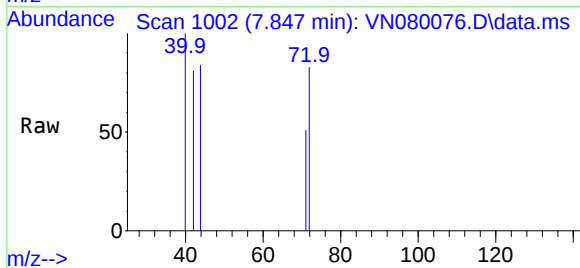
Tgt Ion: 42 Resp: 498

Ion Ratio Lower Upper

42 100

72 19.9 49.8 74.6#

71 12.2 47.4 71.2#



#31

Cyclohexane

Concen: 1.097 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN080076.D

Acq: 13 Nov 2023 19:05

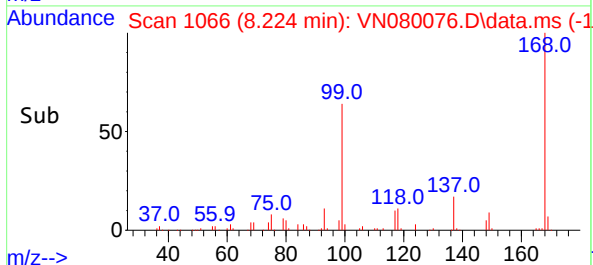
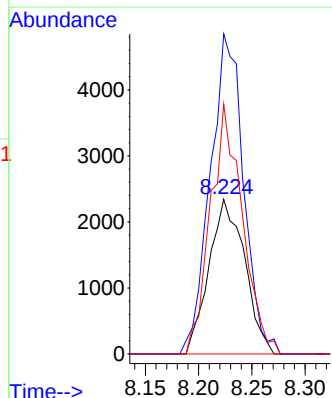
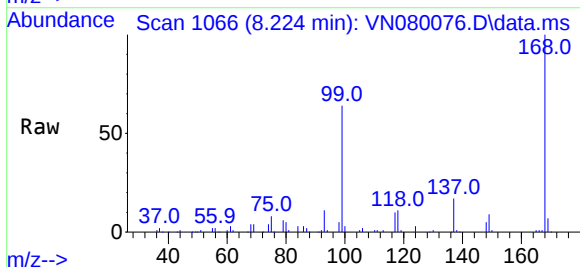
Tgt Ion: 56 Resp: 5467

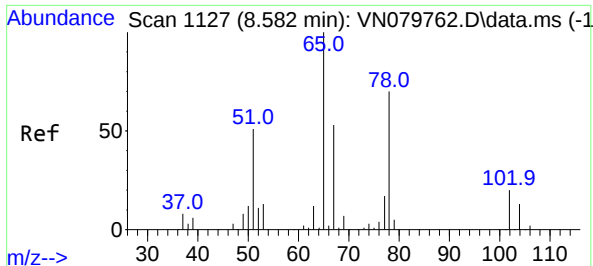
Ion Ratio Lower Upper

56 100

69 206.9 26.8 40.2#

84 161.5 81.8 122.6#

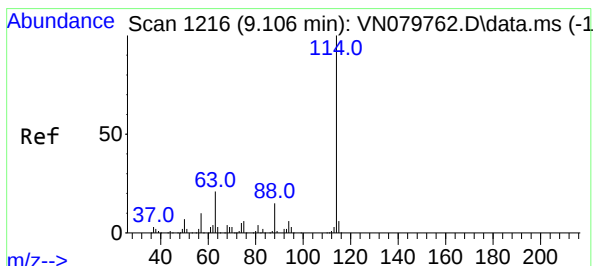
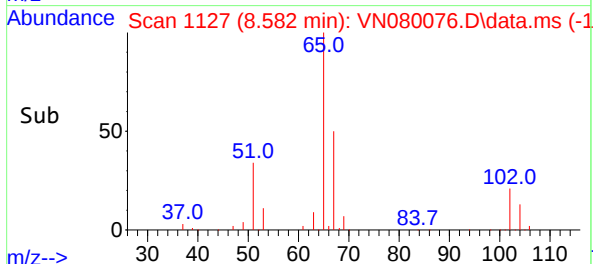
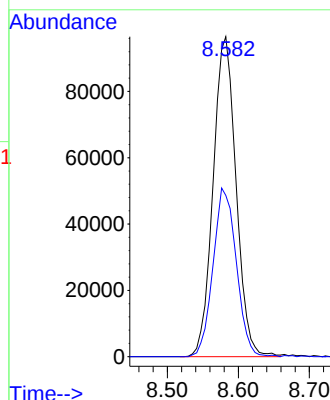
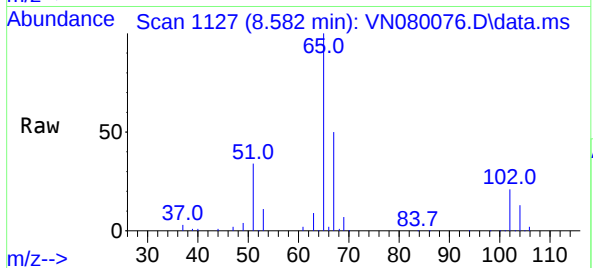




#33
1,2-Dichloroethane-d4
Concen: 57.347 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

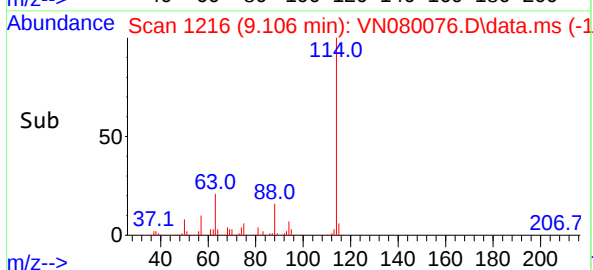
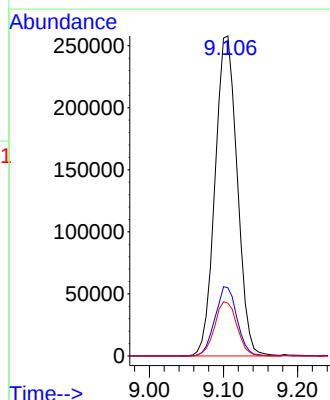
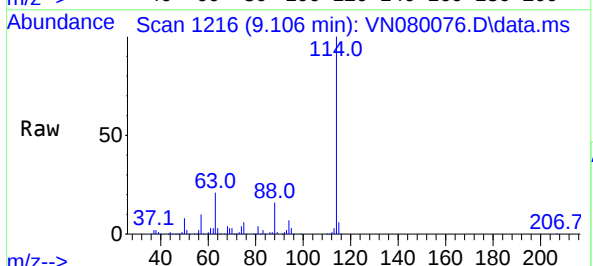
Instrument :
MSVOA_N
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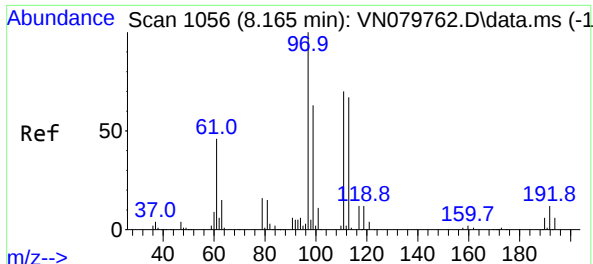
Tgt Ion: 65 Resp: 216248
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

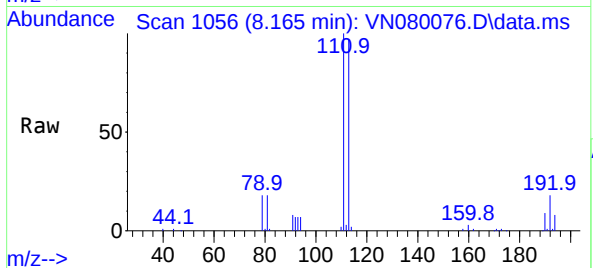
Tgt Ion: 114 Resp: 536177
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 16.5 0.0 30.6



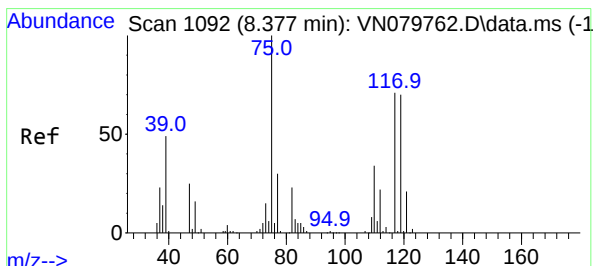
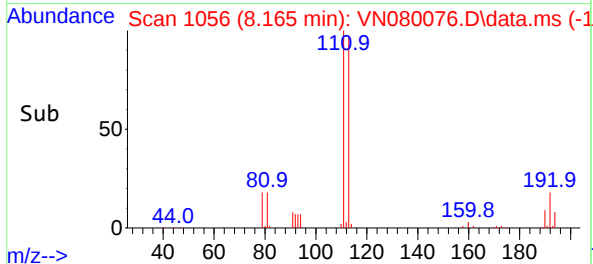
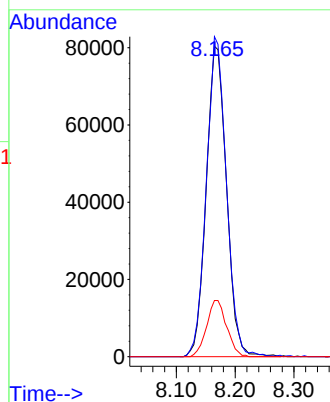


#35
Dibromofluoromethane
Concen: 50.672 ug/l
RT: 8.165 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Instrument :
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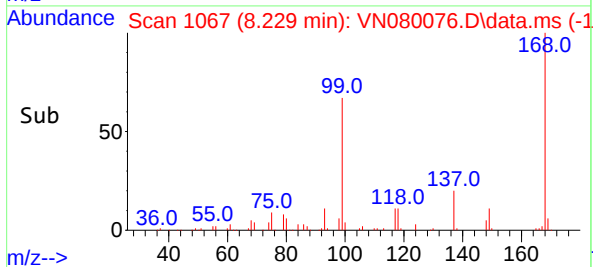
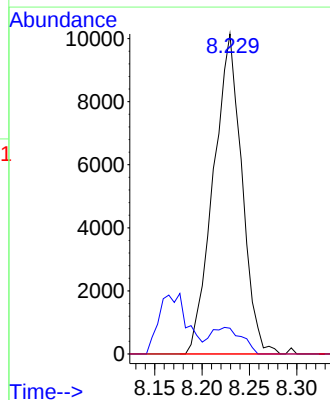
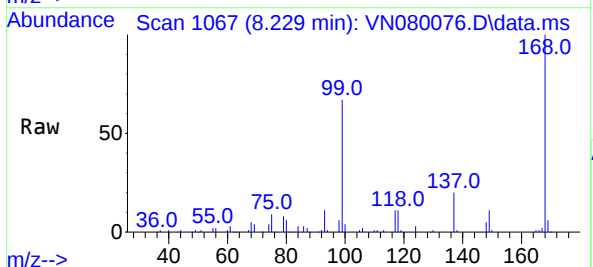


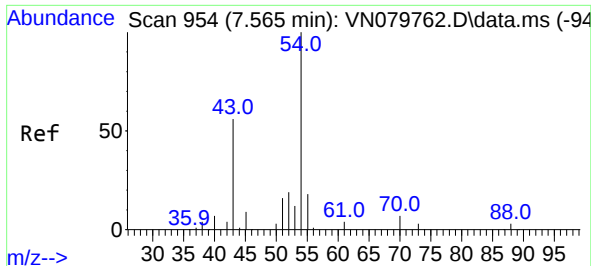
Tgt Ion:113 Resp: 192292
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 17.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.920 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

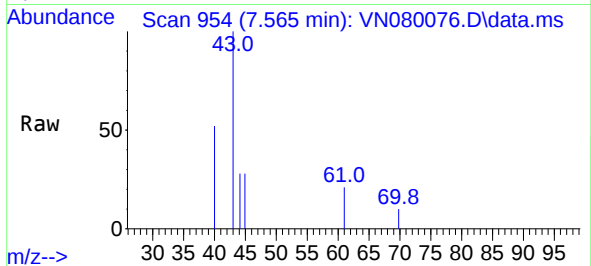
Tgt Ion: 75 Resp: 21238
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.3#
77 0.0 25.0 37.4#



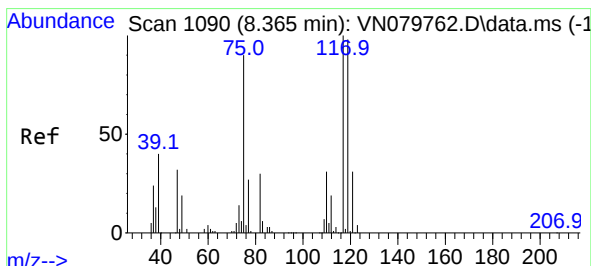
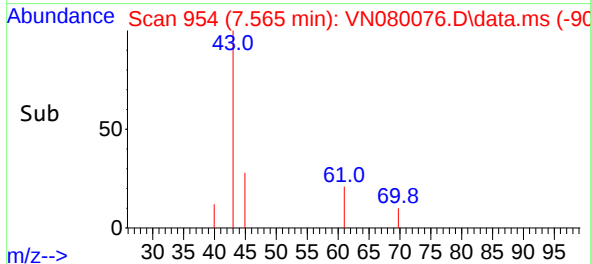
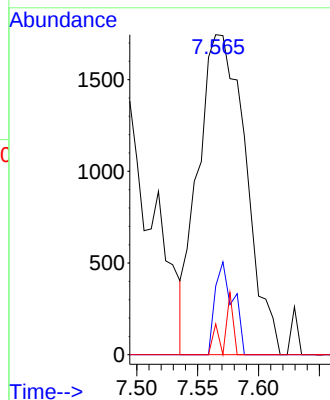


#37
Ethyl Acetate
Concen: 0.955 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :

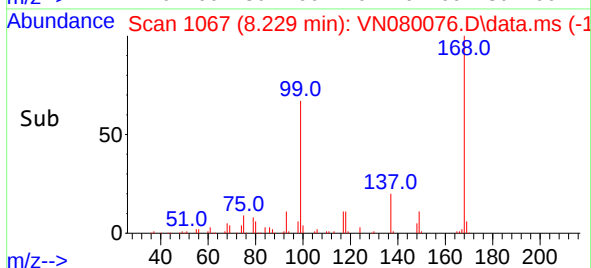
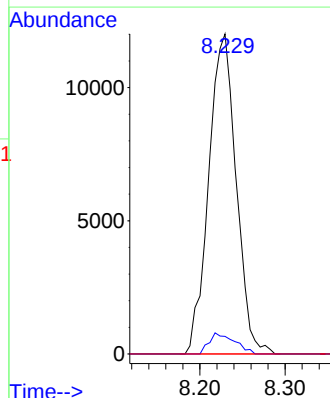
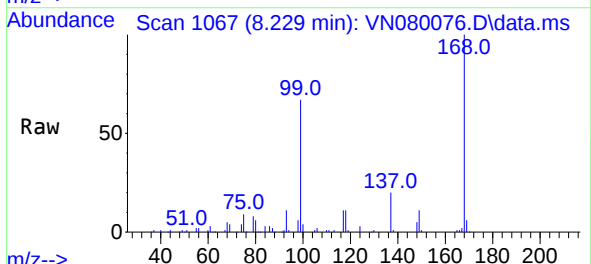


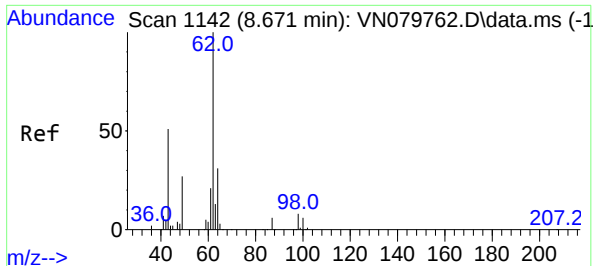
Tgt Ion: 43 Resp: 4744
Ion Ratio Lower Upper
43 100
61 11.1 13.2 19.8#
70 3.8 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.924 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Tgt Ion: 117 Resp: 26887
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#

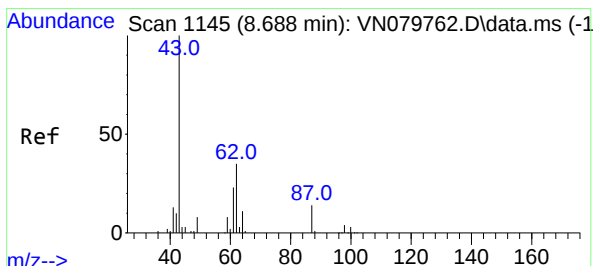
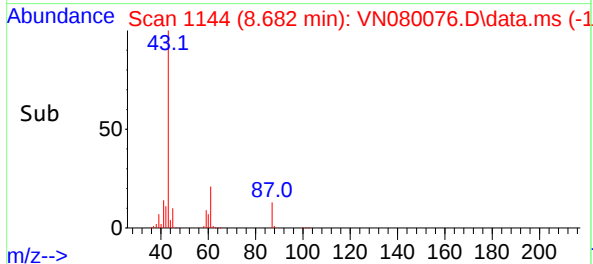
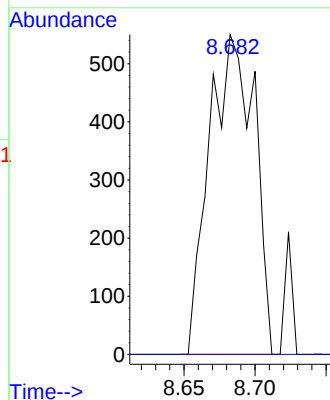
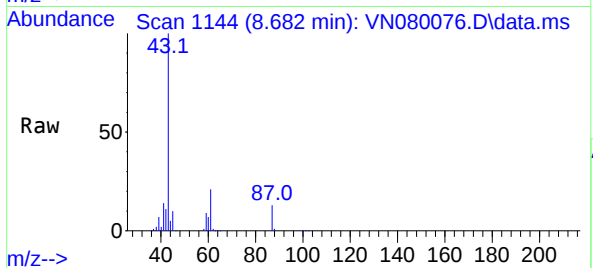




#42
1,2-Dichloroethane
Concen: 0.214 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

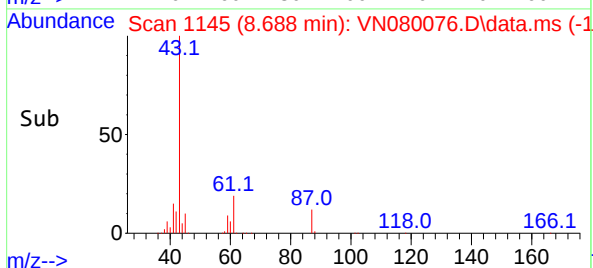
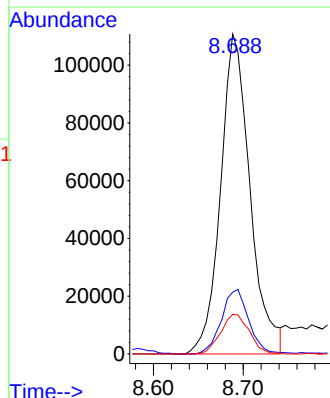
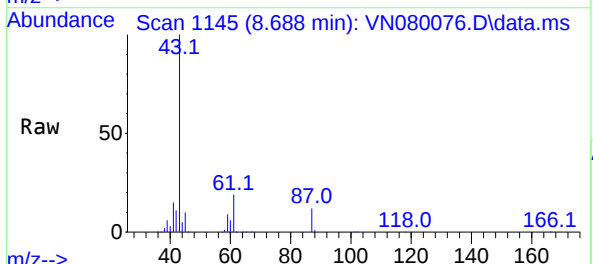
Instrument :
MSVOA_N
ClientSampleId :

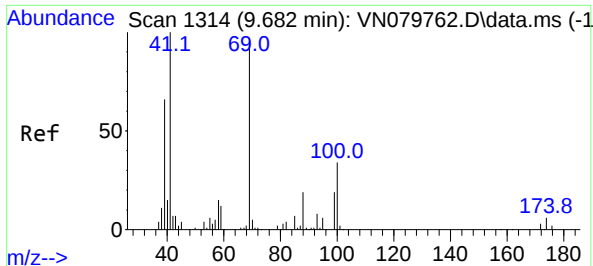
Tgt Ion: 62 Resp: 1214
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



#43
Isopropyl Acetate
Concen: 28.986 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Tgt Ion: 43 Resp: 252608
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1#
87 12.1 14.6 21.8#

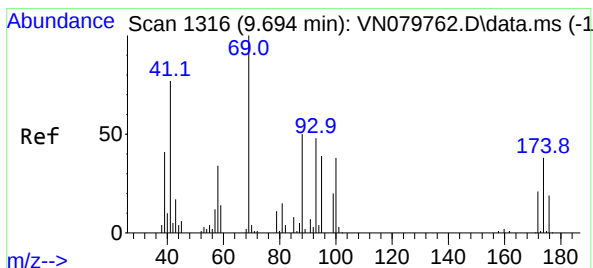
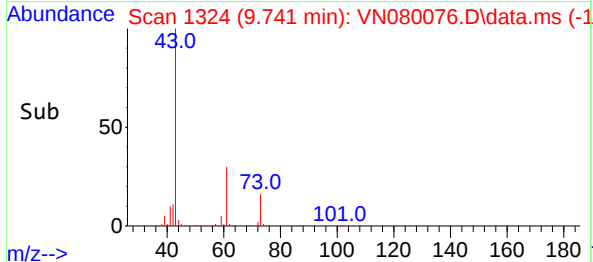
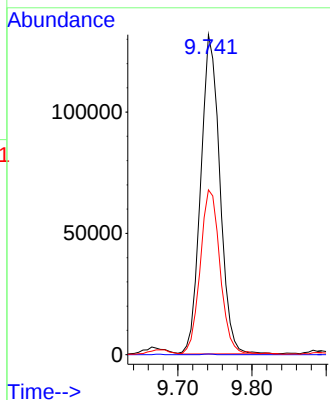
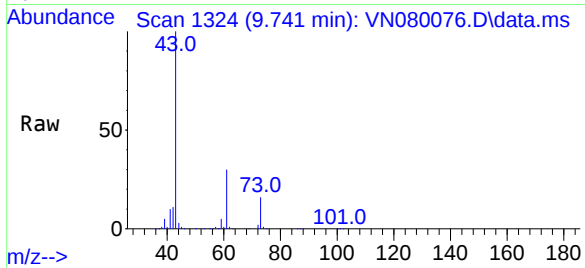




#48
Methyl methacrylate
Concen: 61.716 ug/l
RT: 9.741 min Scan# 1314
Delta R.T. 0.059 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

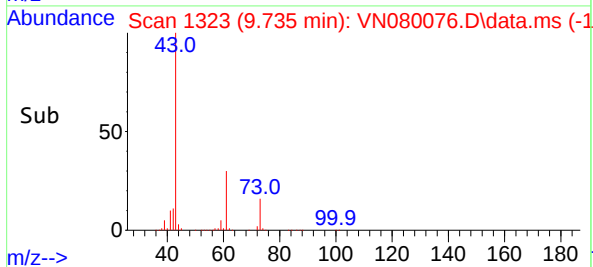
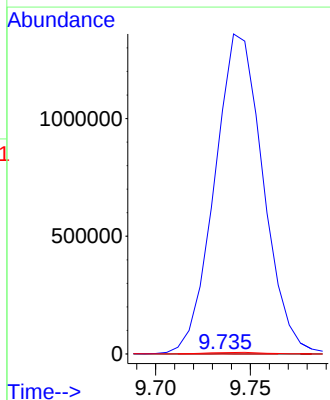
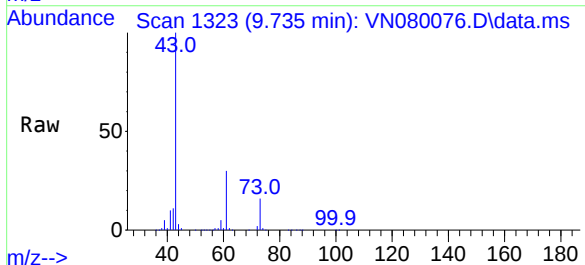
Instrument :
MSVOA_N
ClientSampleId :

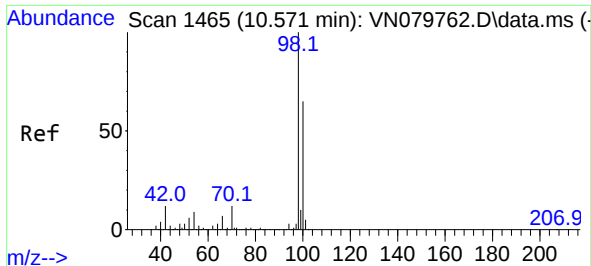
Tgt Ion: 41 Resp: 235579
Ion Ratio Lower Upper
41 100
69 0.1 90.4 135.6#
39 53.4 54.6 81.8#



#49
1,4-Dioxane
Concen: 5.797 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Tgt Ion: 88 Resp: 391
Ion Ratio Lower Upper
88 100
43 622888.5 17.0 25.6#
58 3484.4 47.0 70.4#

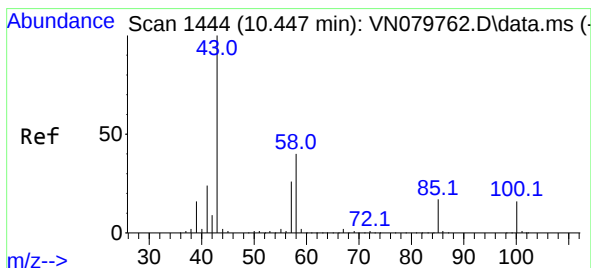
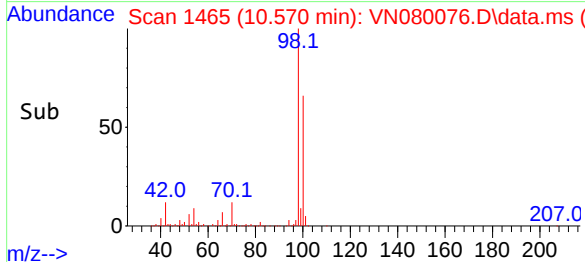
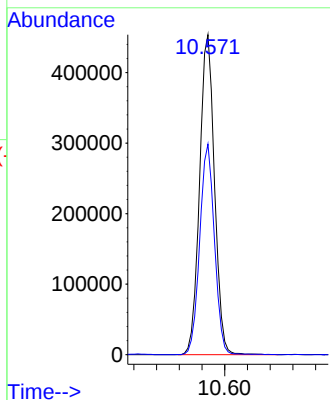
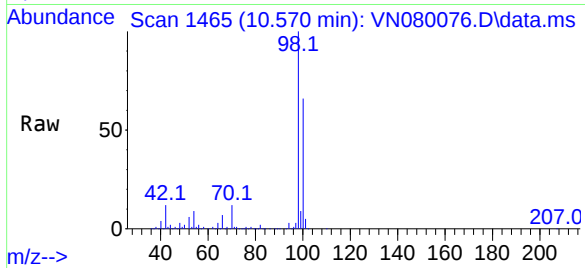




#50
Toluene-d8
Concen: 59.123 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

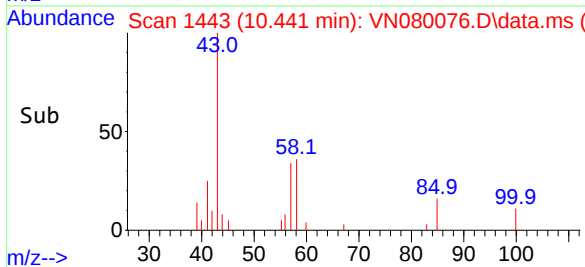
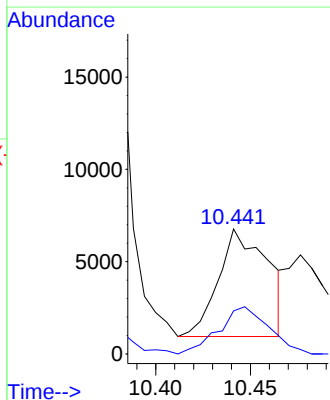
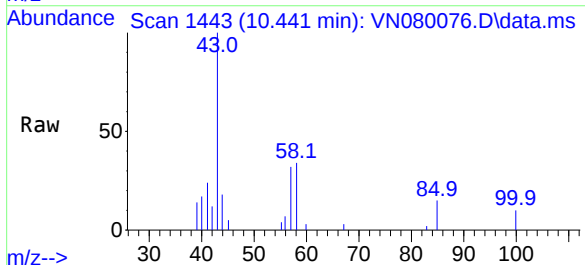
Instrument :
MSVOA_N
ClientSampleId :

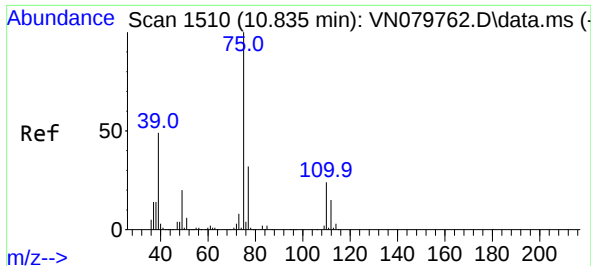
Tgt Ion: 98 Resp: 825954
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.158 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

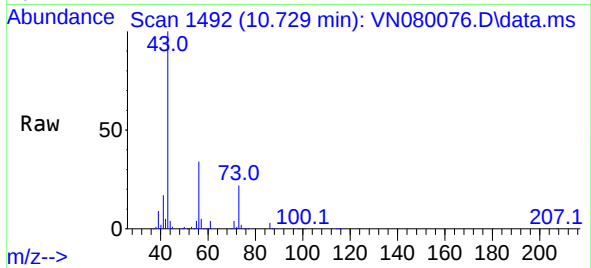
Tgt Ion: 43 Resp: 10586
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8



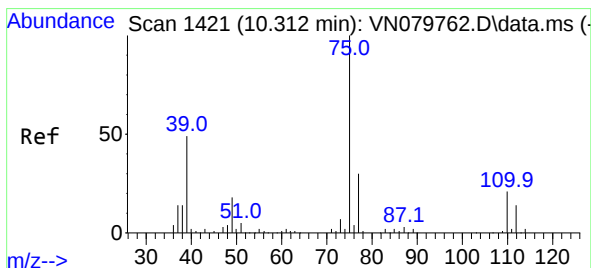
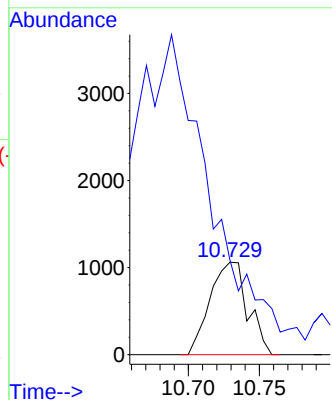
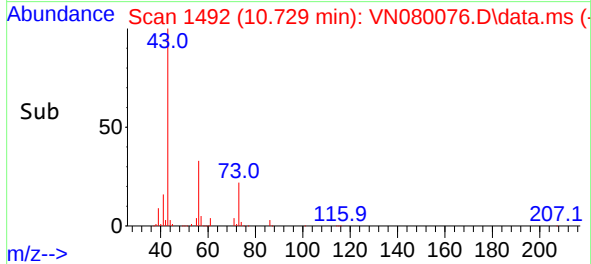


#53
t-1,3-Dichloropropene
Concen: 0.333 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.112 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :

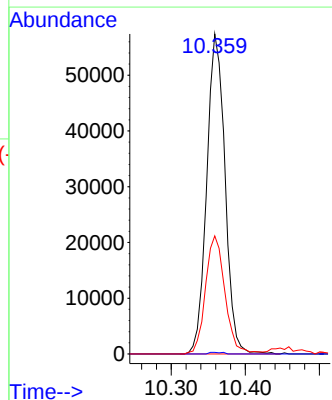
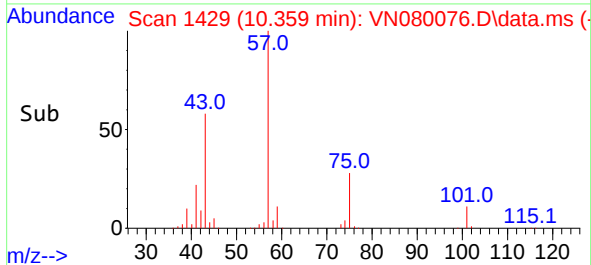
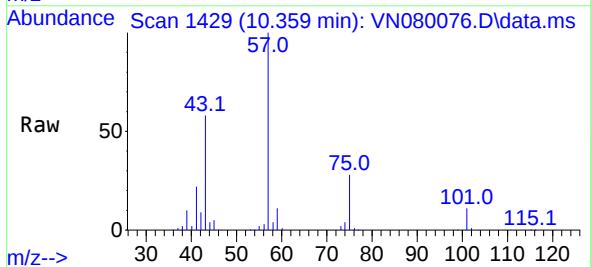


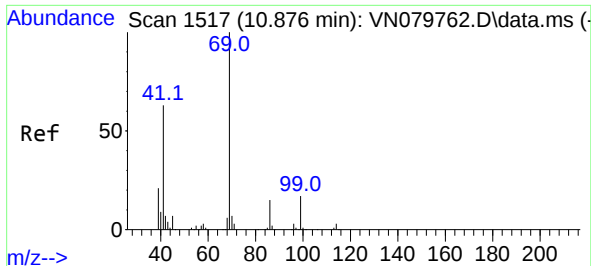
Tgt Ion: 75 Resp: 1969
Ion Ratio Lower Upper
75 100
77 77.8 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 15.265 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

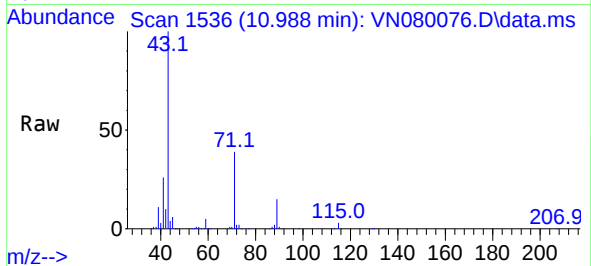
Tgt Ion: 75 Resp: 98511
Ion Ratio Lower Upper
75 100
77 0.5 26.1 39.1#
39 36.9 31.6 47.4



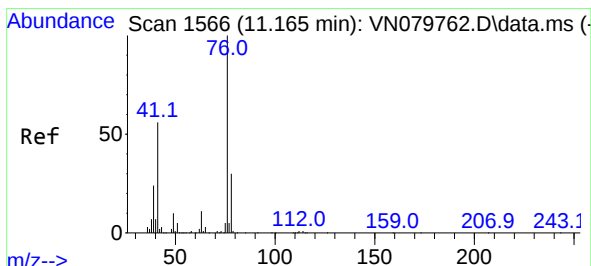
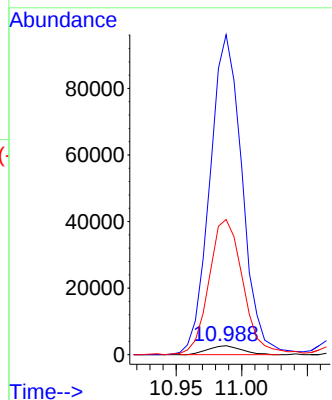
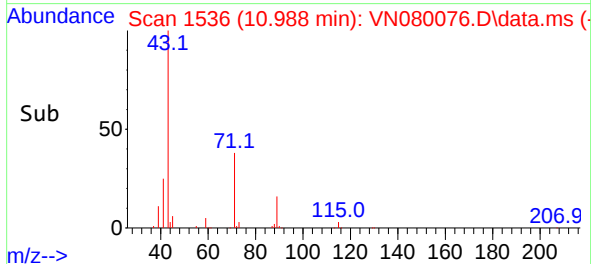


#56
Ethyl methacrylate
Concen: 0.863 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :

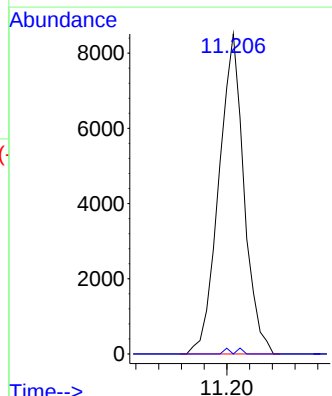
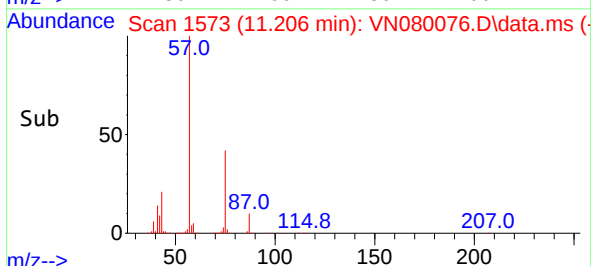
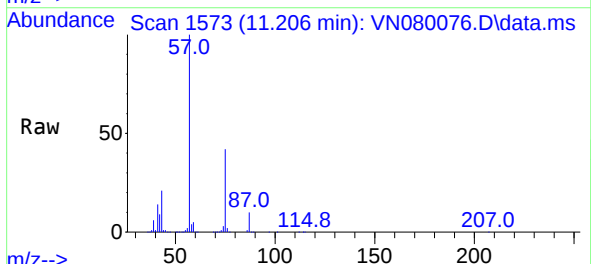


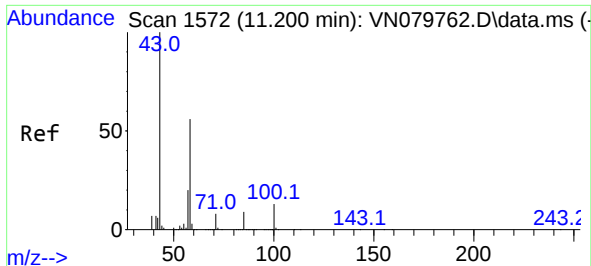
Tgt Ion: 69 Resp: 4761
Ion Ratio Lower Upper
69 100
41 3471.0 39.6 59.4#
39 1544.5 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.918 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

Tgt Ion: 76 Resp: 13081
Ion Ratio Lower Upper
76 100
78 0.8 26.1 39.1#





#59

2-Hexanone

Concen: 65.143 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN080076.D

Acq: 13 Nov 2023 19:05

Instrument :

MSVOA_N

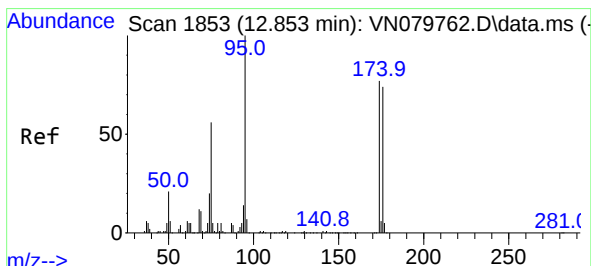
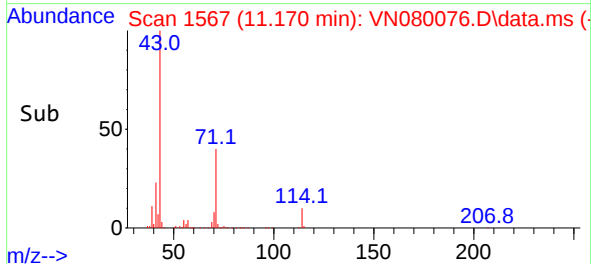
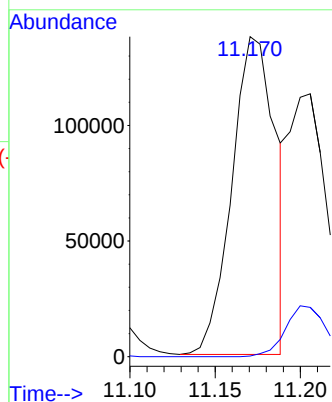
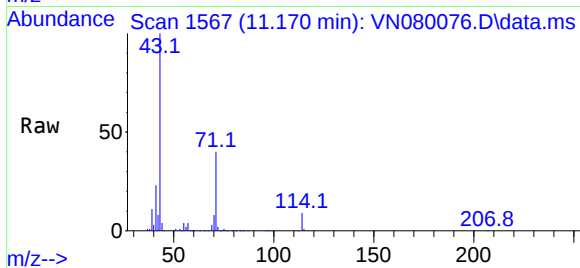
ClientSampleId :

Tgt Ion: 43 Resp: 244500

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#



#62

4-Bromofluorobenzene

Concen: 62.740 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN080076.D

Acq: 13 Nov 2023 19:05

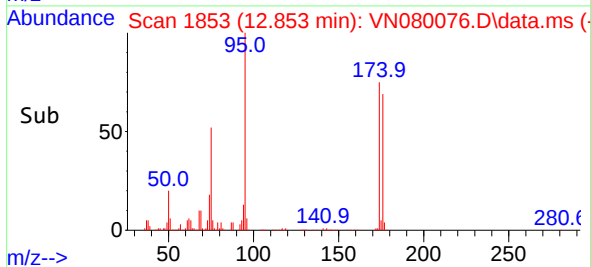
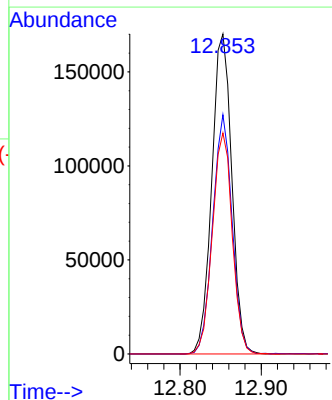
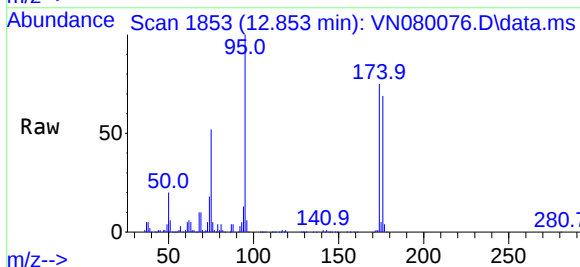
Tgt Ion: 95 Resp: 290688

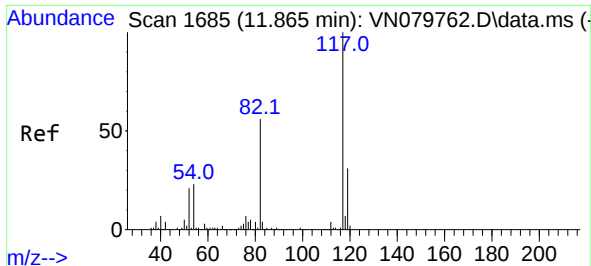
Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.8

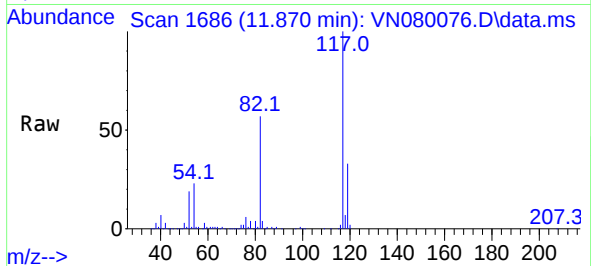
176 68.7 0.0 135.8



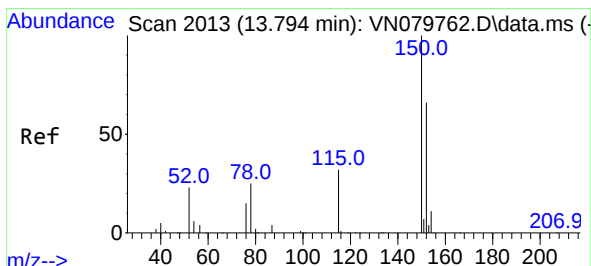
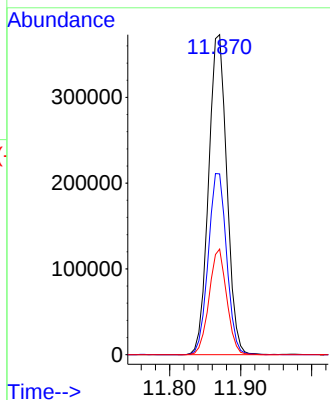
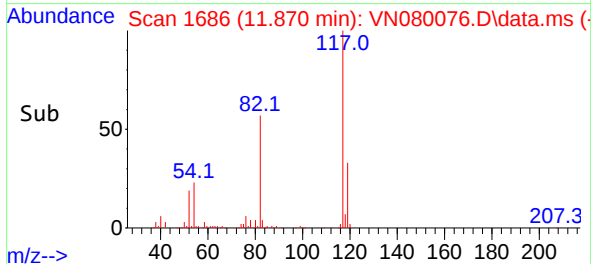


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

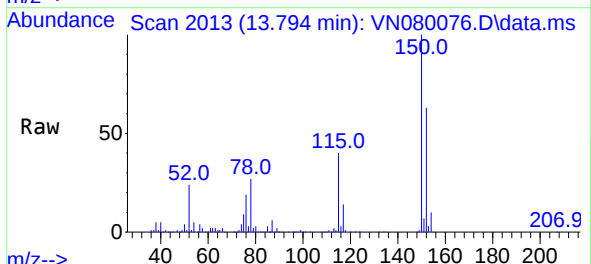
Instrument :
MSVOA_N
ClientSampleId :



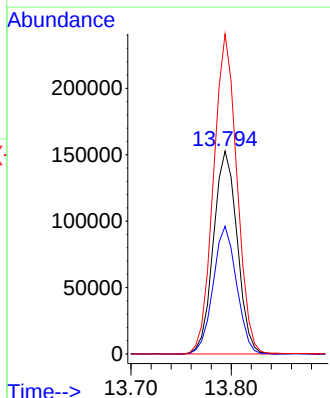
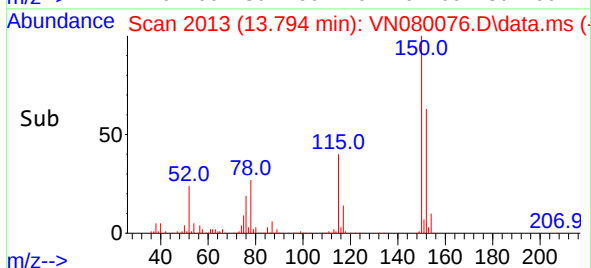
Tgt Ion:117 Resp: 666097
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 33.0 25.6 38.4

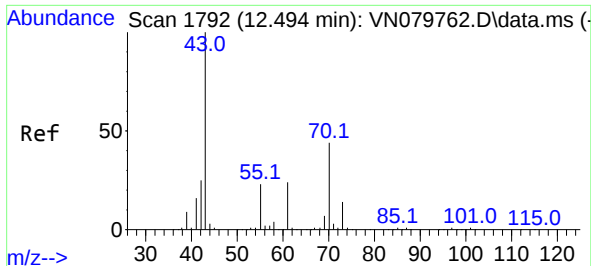


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05



Tgt Ion:152 Resp: 251325
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 155.6 0.0 355.8

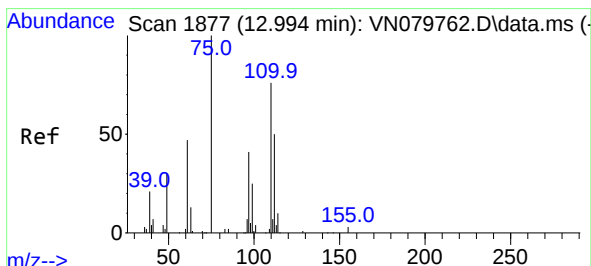
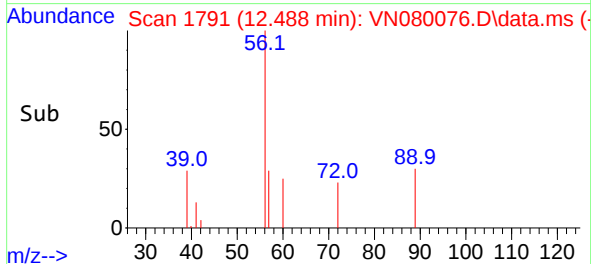
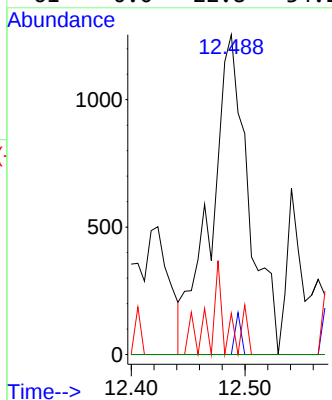
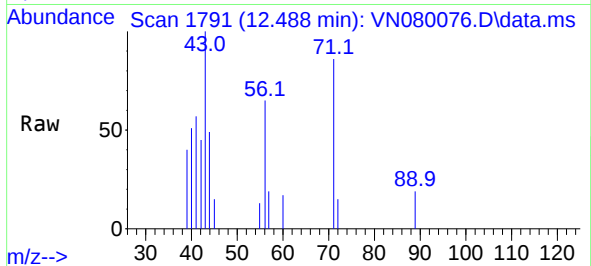




#74
N-amy1 acetate
Concen: 0.346 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

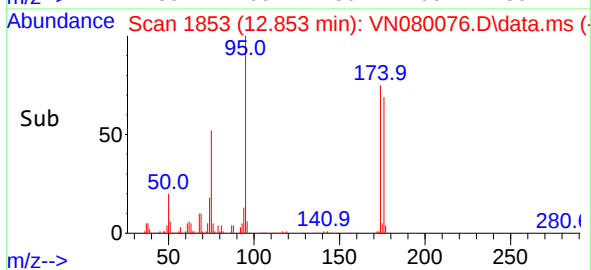
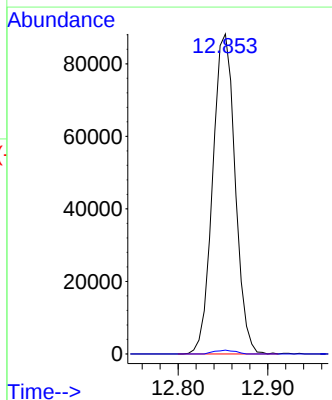
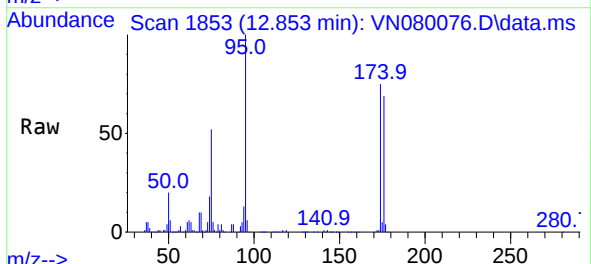
Instrument :
MSVOA_N
ClientSampleId :

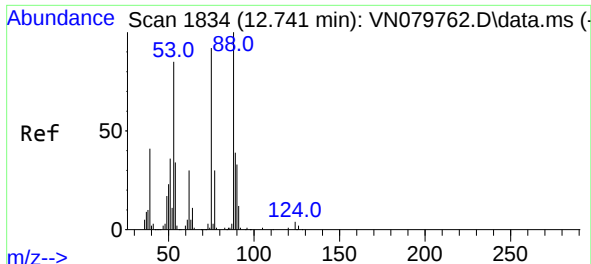
Tgt Ion: 43 Resp: 2884
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 8.7 21.4 32.0#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 25.973 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080076.D
Acq: 13 Nov 2023 19:05

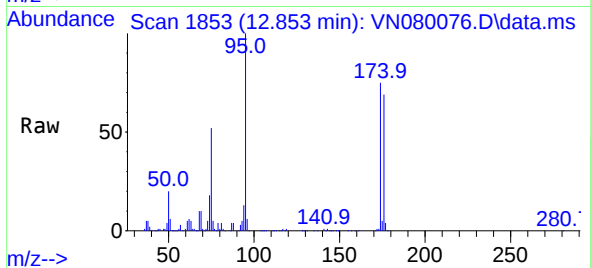
Tgt Ion: 75 Resp: 153252
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.667 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN080076.D
 Acq: 13 Nov 2023 19:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 153252
 Ion Ratio Lower Upper
 75 100
 53 0.3 67.4 101.2#
 89 0.0 38.8 58.2#

