

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079086.D
 Acq On : 29 Aug 2023 11:53
 Operator : JC\MD
 Sample : VN0829WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 23:28:39 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)

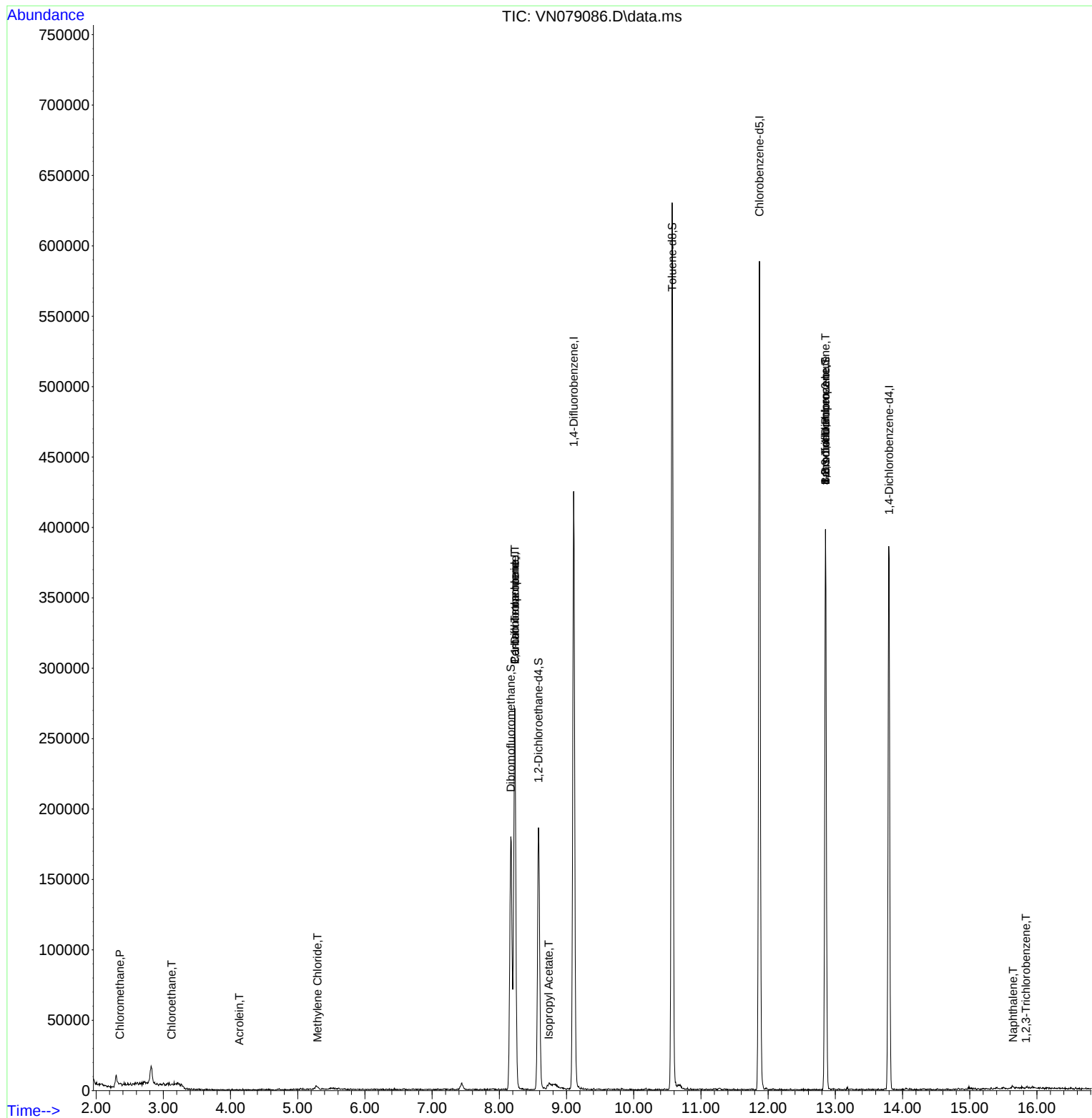
Internal Standards						
1) Pentafluorobenzene	8.230	168	187498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	324145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	99084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146159	50.095	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.200%	
35) Dibromofluoromethane	8.171	113	128248	54.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.200%	
50) Toluene-d8	10.571	98	420898	48.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	12.853	95	128846	45.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	879	0.242	ug/l #	42
6) Chloroethane	3.124	64	578	0.260	ug/l #	43
13) Acrolein	4.130	56	58	7.029	ug/l #	16
20) Methylene Chloride	5.295	84	1452	0.566	ug/l #	77
31) Cyclohexane	8.230	56	5156	Below Cal	#	24
36) 1,1-Dichloropropene	8.230	75	18042	5.106	ug/l #	46
38) Carbon Tetrachloride	8.230	117	21265	6.006	ug/l #	16
43) Isopropyl Acetate	8.736	43	2462	0.352	ug/l #	49
71) Bromoform	12.853	173	1640	0.865	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	70953	29.719	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70953	75.920	ug/l #	15
95) Naphthalene	15.647	128	848	2.751	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.835	180	287	0.218	ug/l #	13

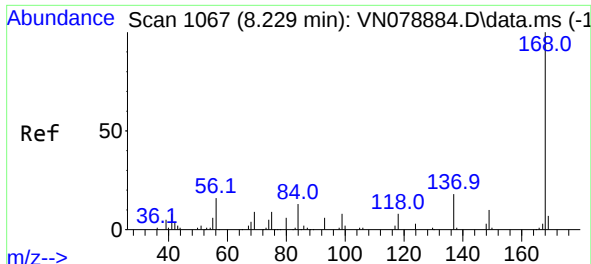
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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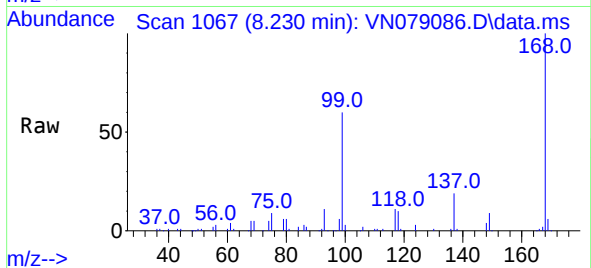
Quant Time: Aug 29 23:28:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
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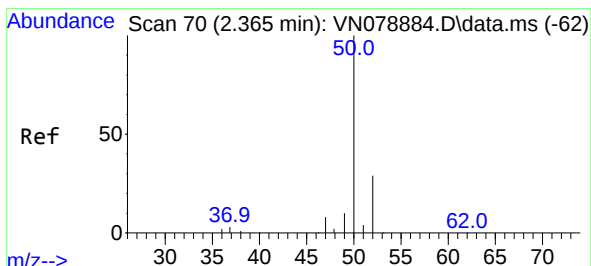
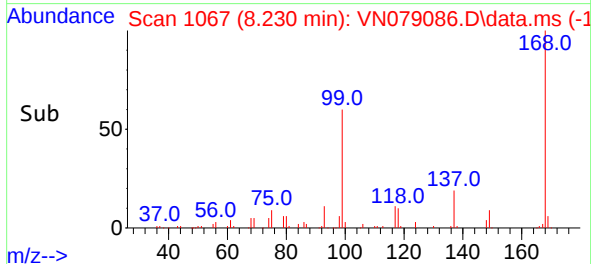
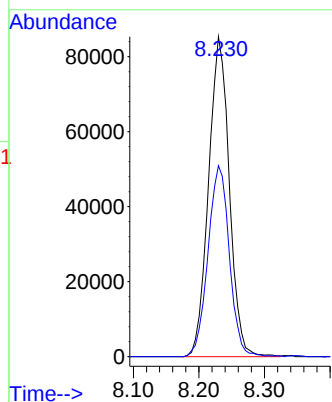


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :

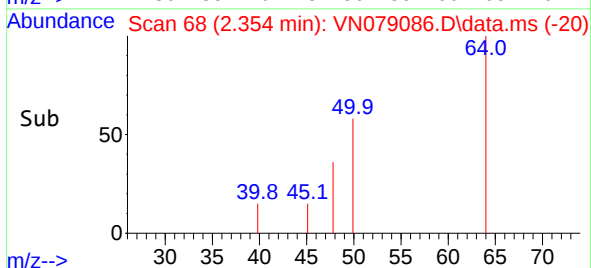
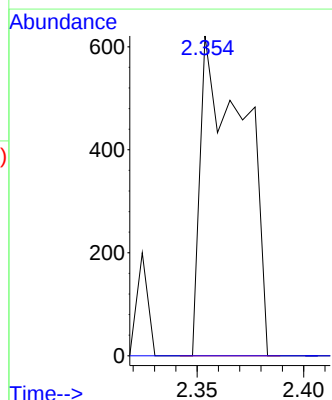
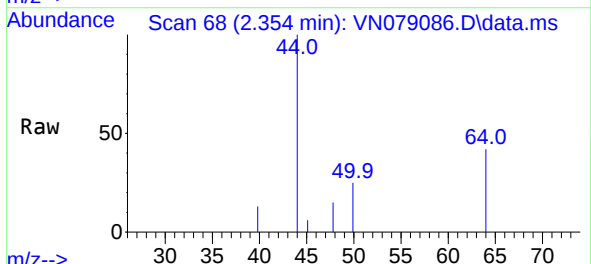


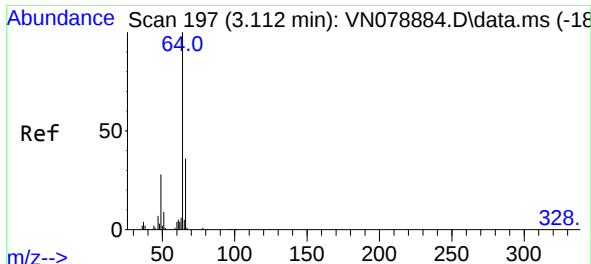
Tgt Ion:168 Resp: 187498
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#3
Chloromethane
Concen: 0.242 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.017 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

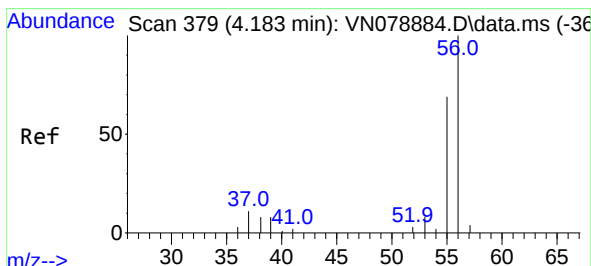
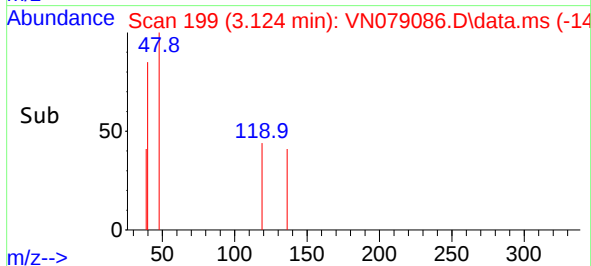
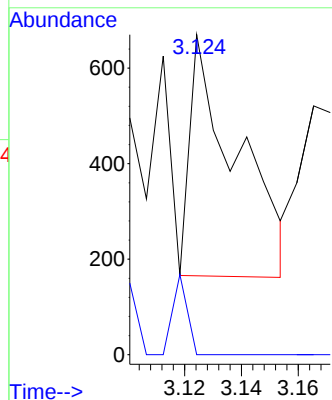
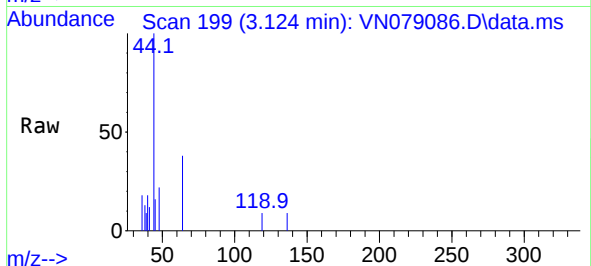




#6
Chloroethane
Concen: 0.260 ug/l
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

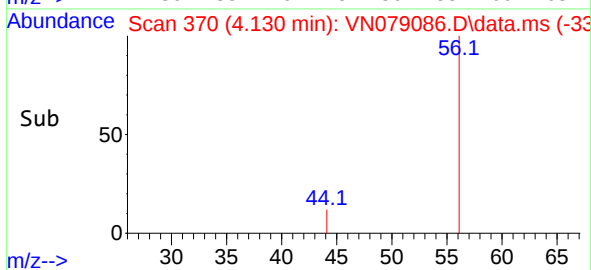
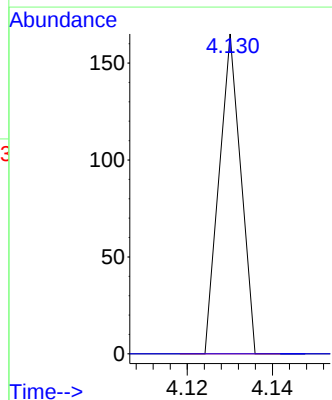
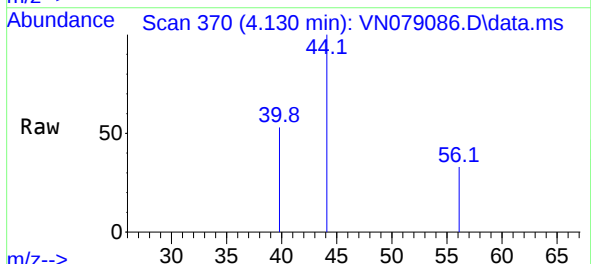
Instrument :
MSVOA_N
ClientSampleId :

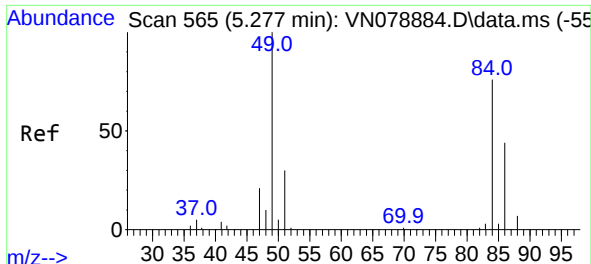
Tgt Ion: 64 Resp: 578
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 7.029 ug/l
RT: 4.130 min Scan# 370
Delta R.T. -0.065 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

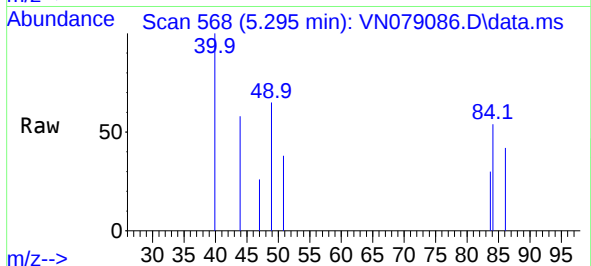
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#





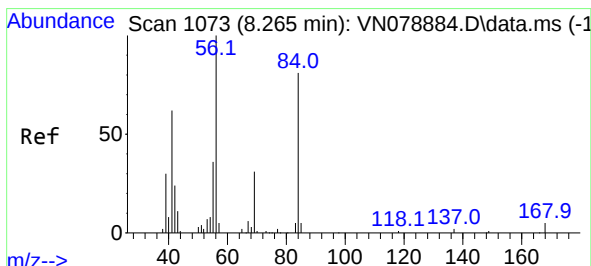
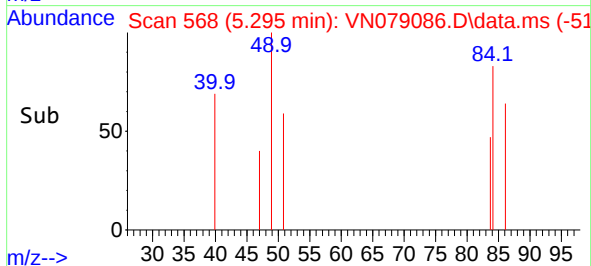
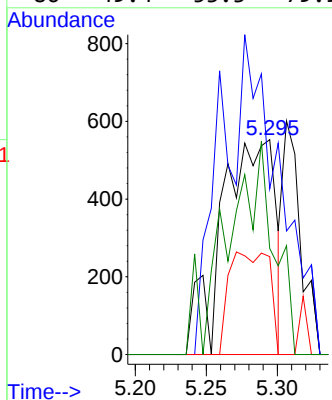
#20
Methylene Chloride
Concen: 0.566 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1452

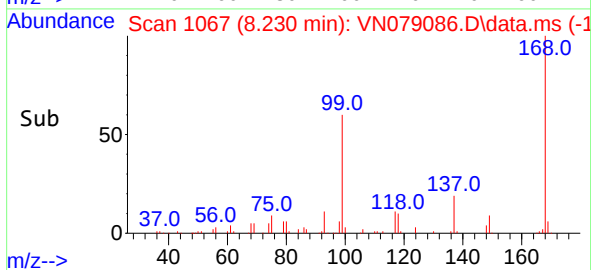
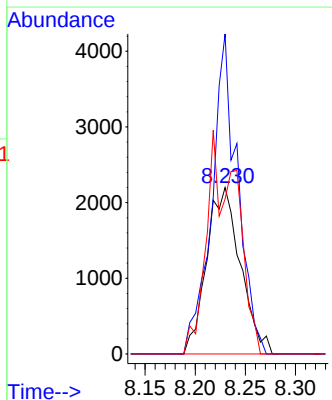
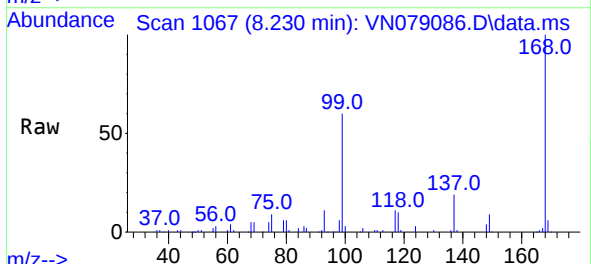
Ion	Ratio	Lower	Upper
84	100		
49	77.0	79.7	119.5#
51	45.6	25.2	37.8#
86	49.4	53.3	79.9#

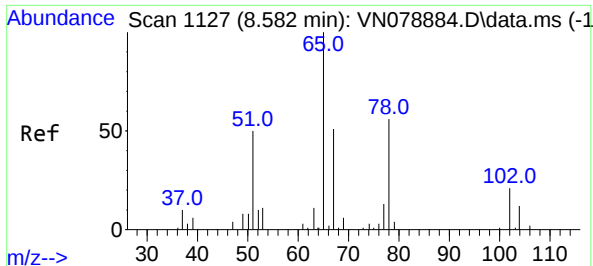


#31
Cyclohexane
Concen: Below Cal
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Tgt Ion: 56 Resp: 5156

Ion	Ratio	Lower	Upper
56	100		
69	192.2	26.8	40.2#
84	93.1	81.8	122.6

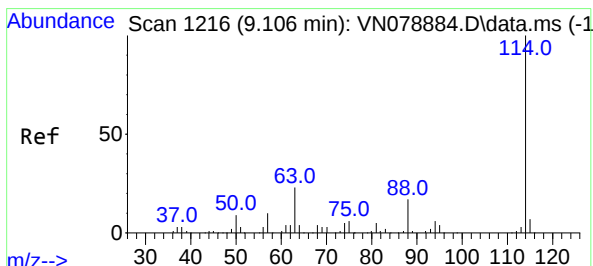
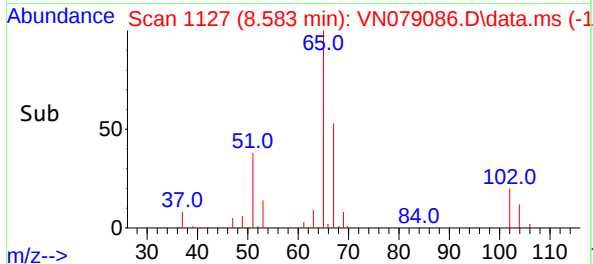
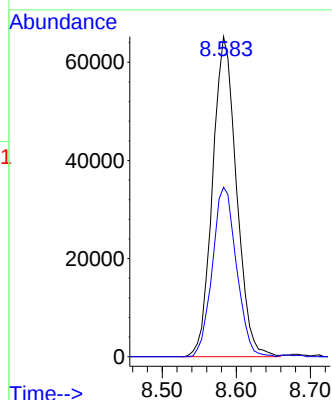
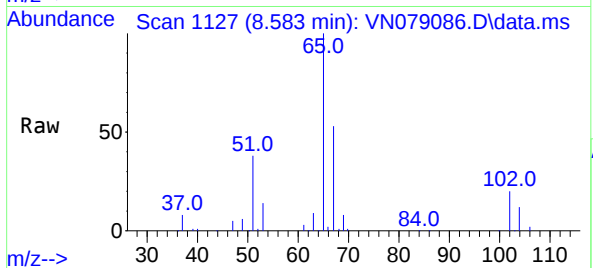




#33
1,2-Dichloroethane-d4
Concen: 50.095 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

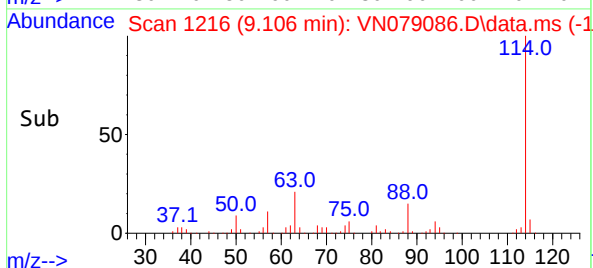
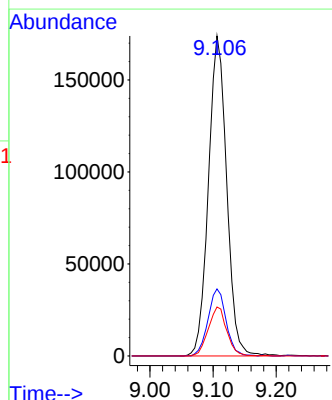
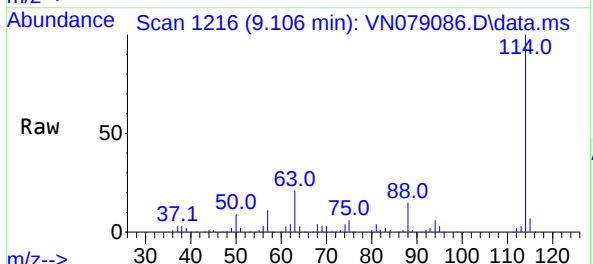
Instrument :
MSVOA_N
ClientSampleId :

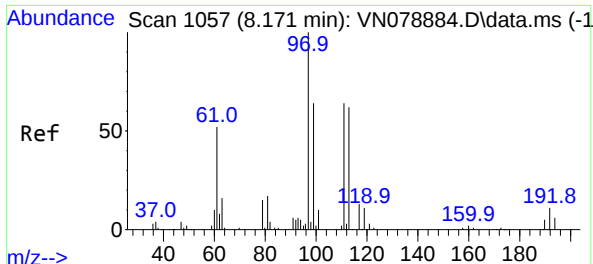
Tgt Ion: 65 Resp: 146159
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

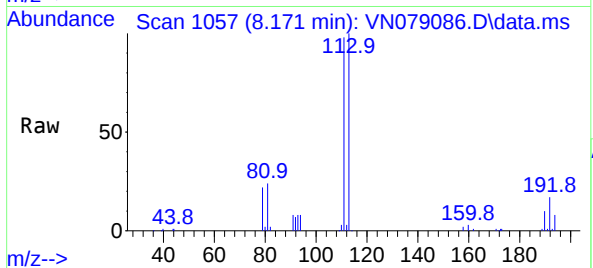
Tgt Ion: 114 Resp: 348961
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 15.3 0.0 30.6



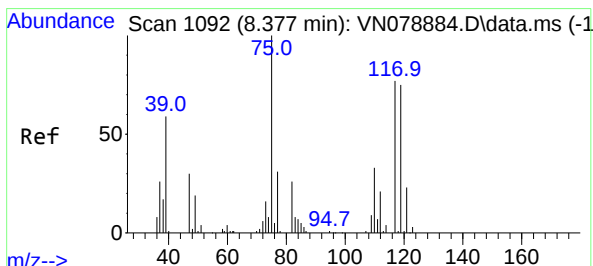
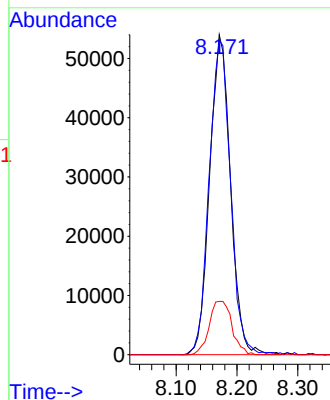
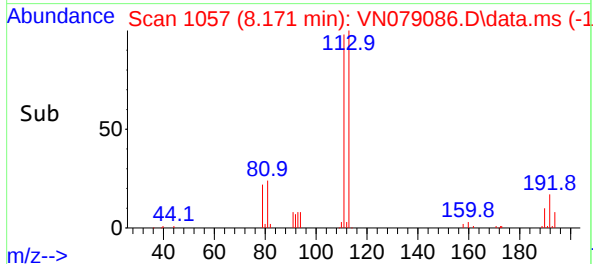


#35
Dibromofluoromethane
Concen: 54.596 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :

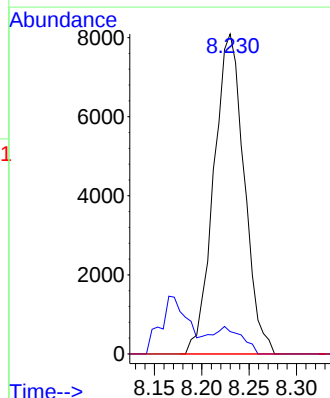
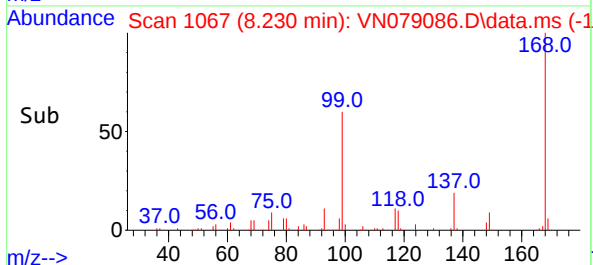
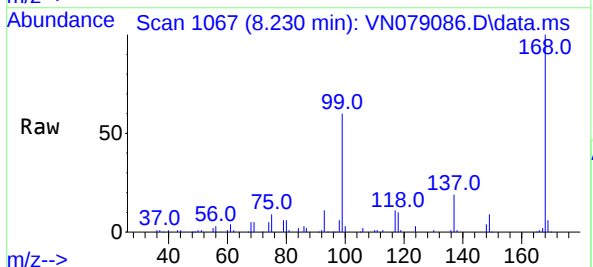


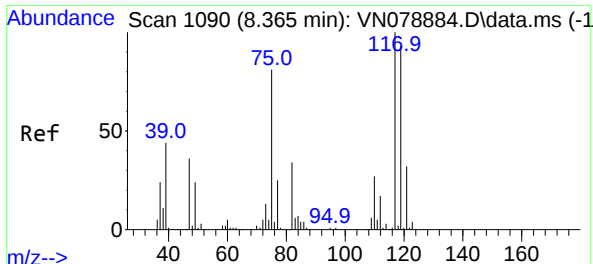
Tgt Ion:113 Resp: 128248
Ion Ratio Lower Upper
113 100
111 100.9 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

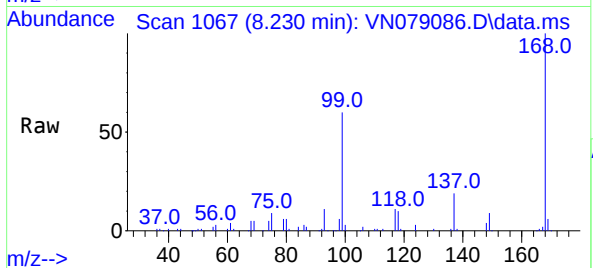
Tgt Ion: 75 Resp: 18042
Ion Ratio Lower Upper
75 100
110 6.6 19.1 57.3#
77 0.0 25.0 37.4#



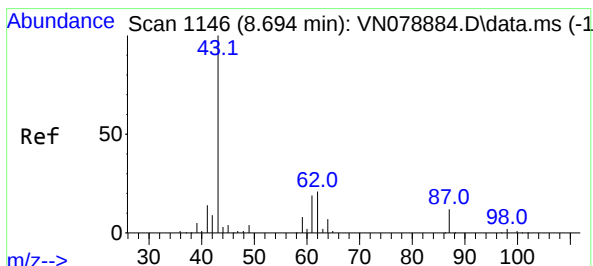
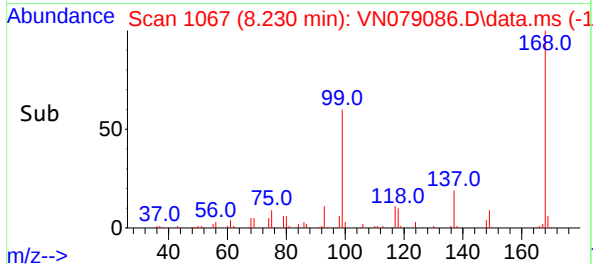
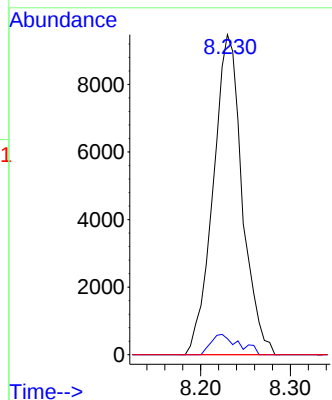


#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :

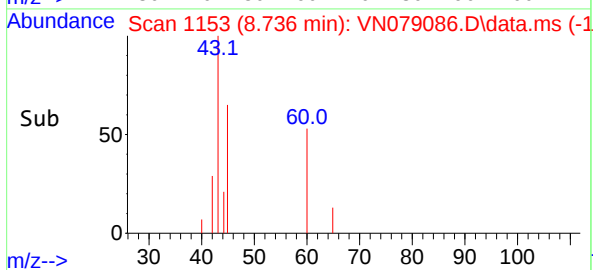
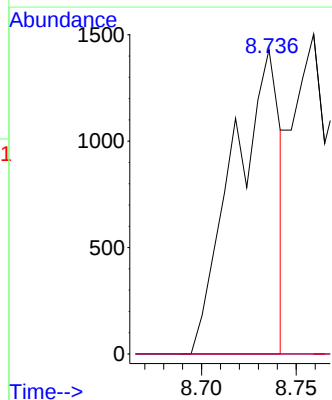
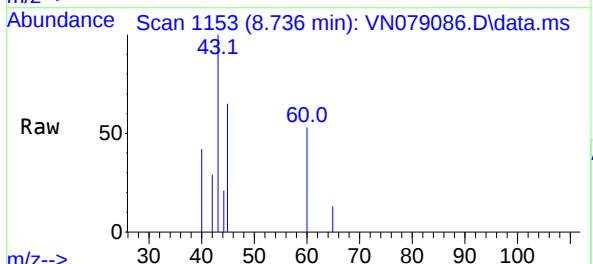


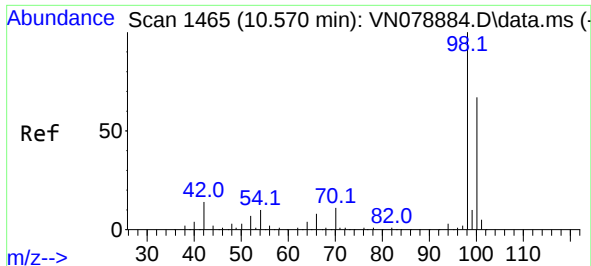
Tgt Ion:117 Resp: 21265
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.352 ug/l
RT: 8.736 min Scan# 1153
Delta R.T. 0.042 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Tgt Ion: 43 Resp: 2462
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

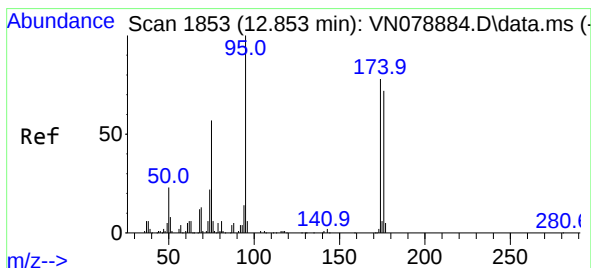
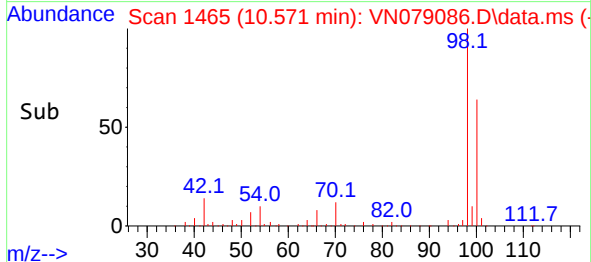
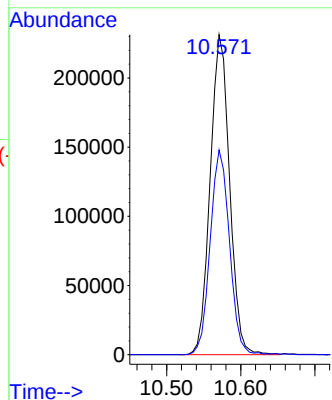
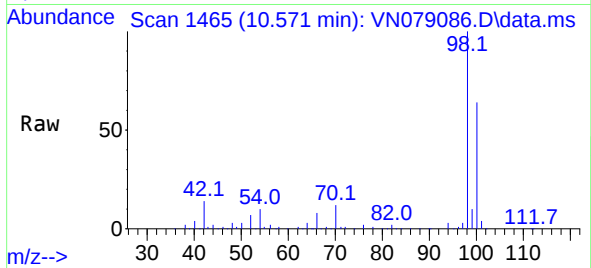




#50
Toluene-d8
Concen: 48.256 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

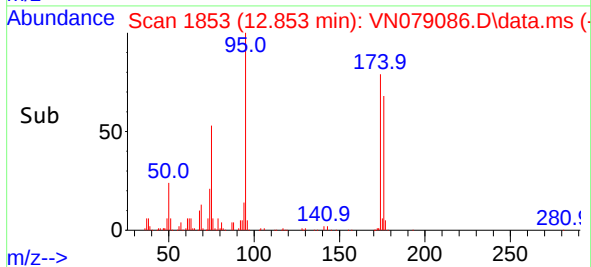
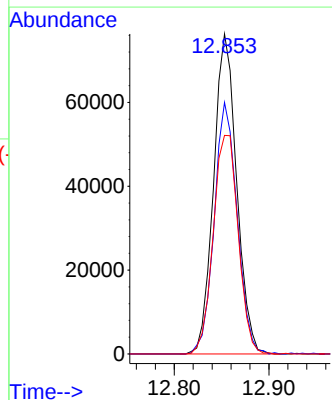
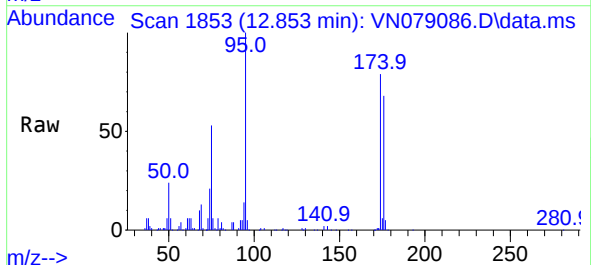
Instrument :
MSVOA_N
ClientSampleId :

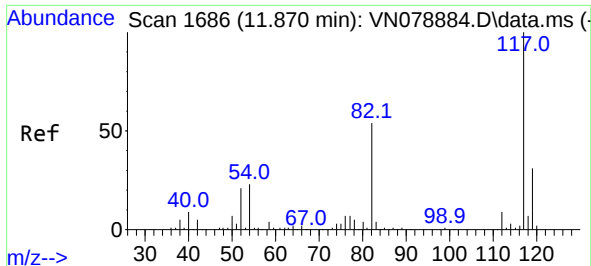
Tgt Ion: 98 Resp: 420898
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.195 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

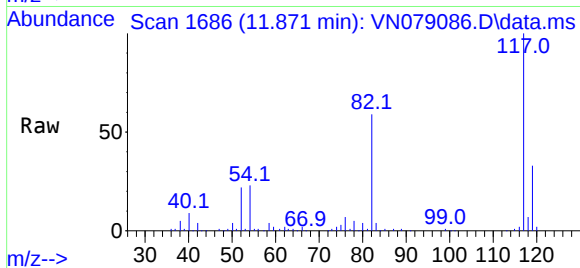
Tgt Ion: 95 Resp: 128846
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 74.1 0.0 135.8



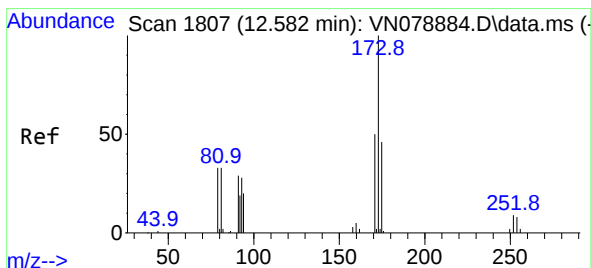
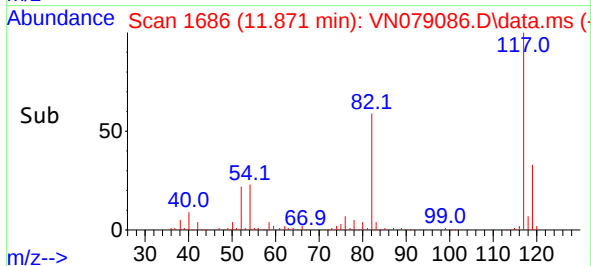
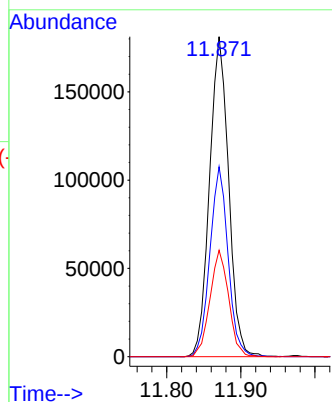


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11853
Delta R.T. -0.000 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :

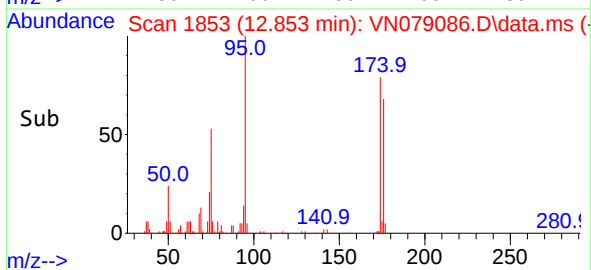
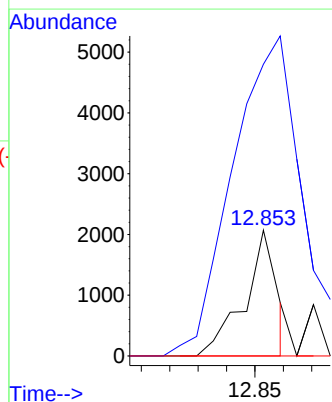
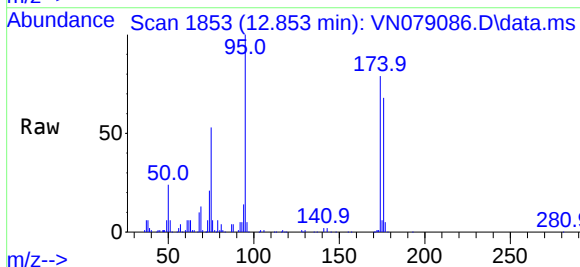


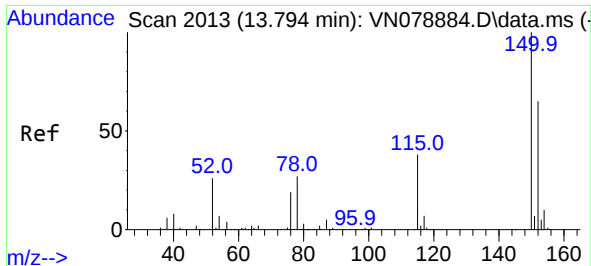
Tgt Ion:117 Resp: 324145
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 33.3 25.6 38.4



#71
Bromoform
Concen: 0.865 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Tgt Ion:173 Resp: 1640
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

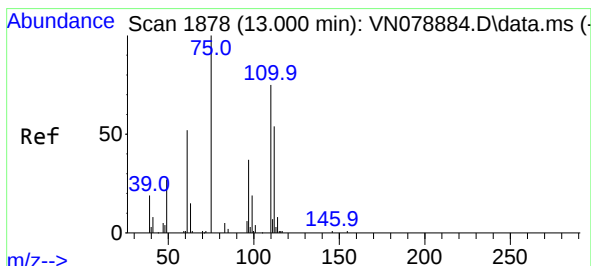
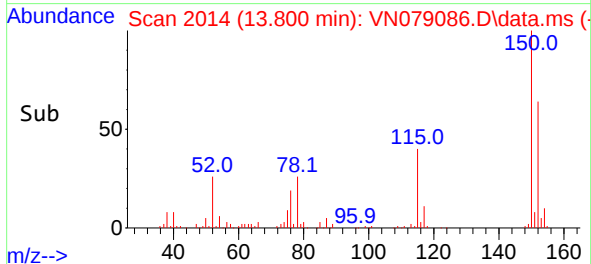
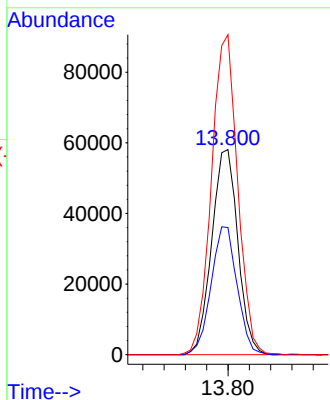
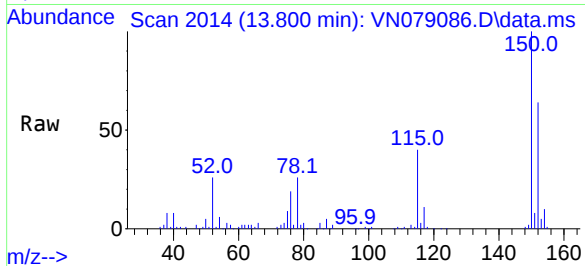




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079086.D
 Acq: 29 Aug 2023 11:53

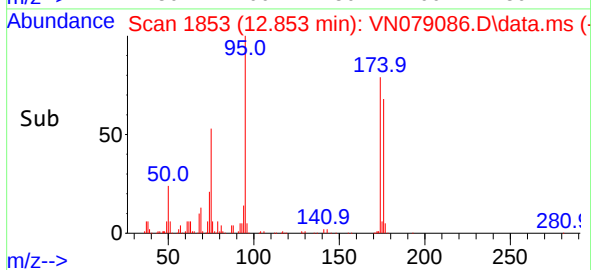
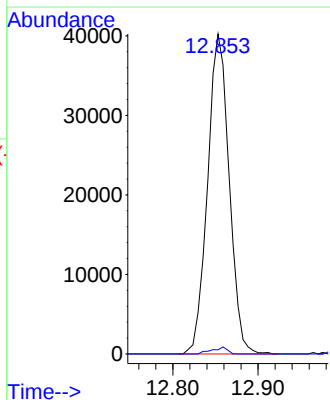
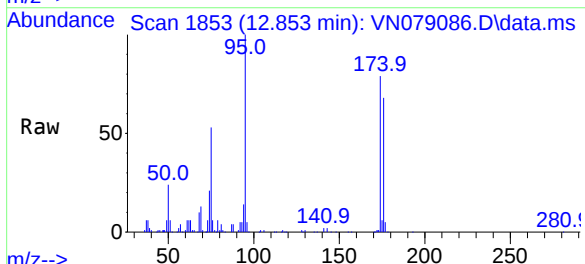
Instrument :
 MSVOA_N
 ClientSampleId :

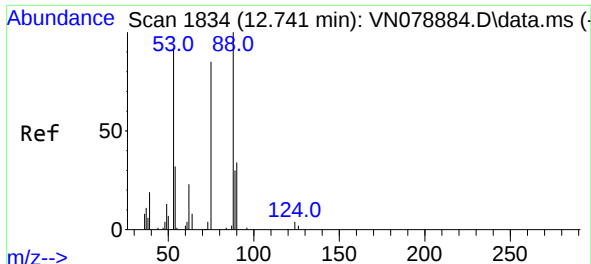
Tgt Ion:152 Resp: 99084
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 156.0 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 29.719 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN079086.D
 Acq: 29 Aug 2023 11:53

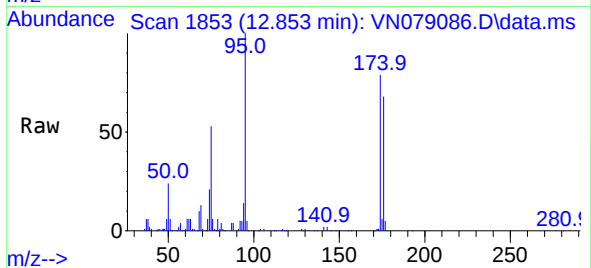
Tgt Ion: 75 Resp: 70953
 Ion Ratio Lower Upper
 75 100
 77 1.5 84.5 253.5#



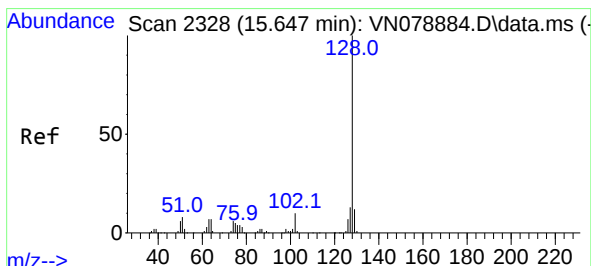
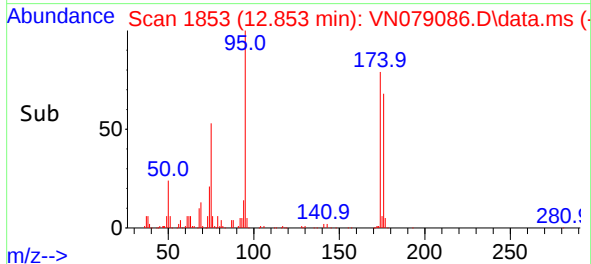
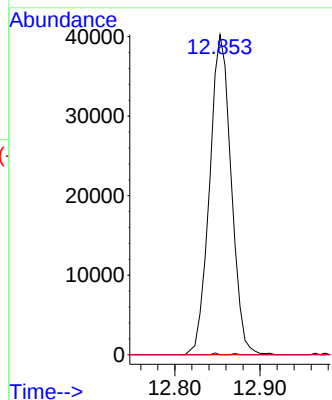


#81
trans-1,4-Dichloro-2-butene
Concen: 75.920 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :

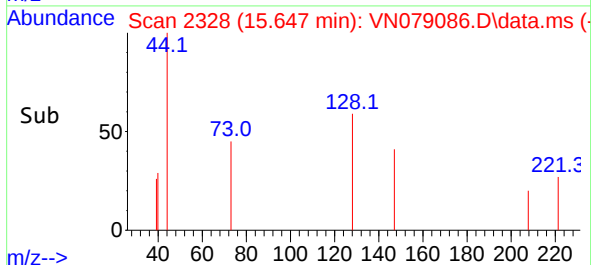
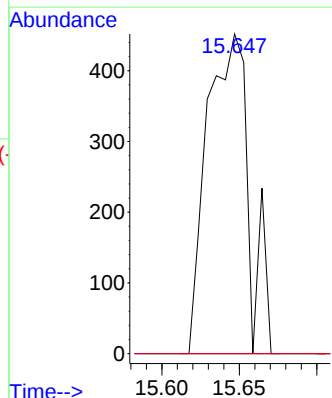
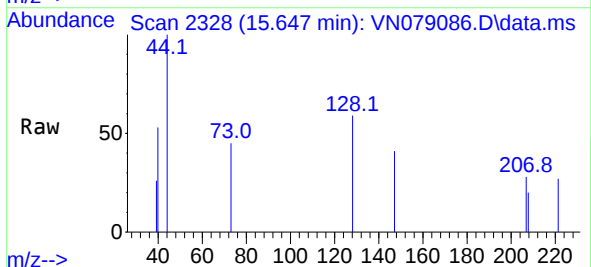


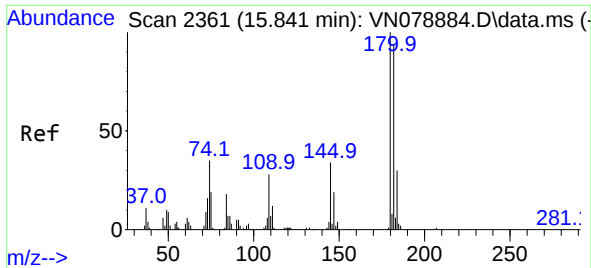
Tgt Ion: 75 Resp: 70953
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 2.751 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

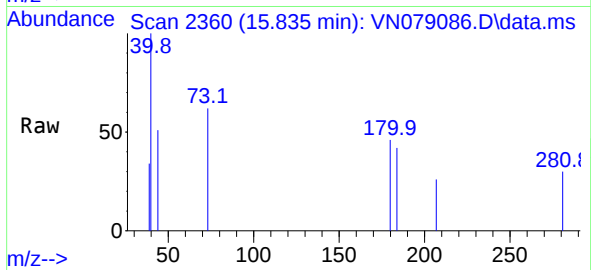
Tgt Ion: 128 Resp: 848
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 15.835 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN079086.D
Acq: 29 Aug 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.2	138.6#
145	0.0	17.5	52.6#

