

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075893.D
 Acq On : 20 Dec 2022 12:59
 Operator : JC\MD
 Sample : N6131-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 21 01:27:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

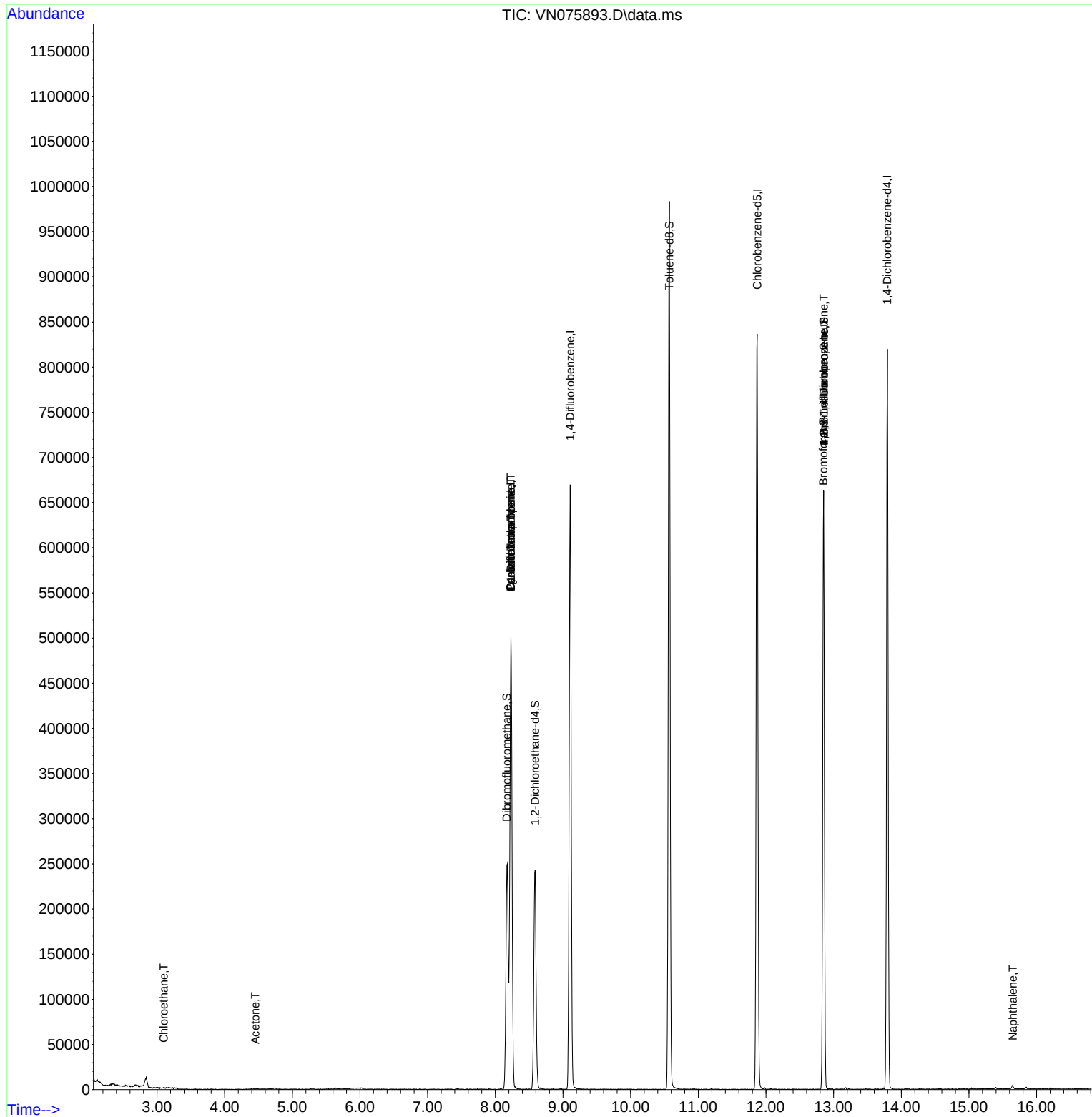
Internal Standards						
1) Pentafluorobenzene	8.230	168	394849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	622424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	525066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	198684	46.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.500%		
35) Dibromofluoromethane	8.171	113	178339	46.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	10.571	98	696824	48.351	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.700%		
62) 4-Bromofluorobenzene	12.853	95	224994	47.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.280%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.100	64	770	0.250	ug/l #	44
16) Acetone	4.453	43	333	0.225	ug/l #	39
20) Methylene Chloride	5.277	84	288	Below Cal	#	44
31) Cyclohexane	8.230	56	7169	1.165	ug/l #	13
36) 1,1-Dichloropropene	8.230	75	28383	5.543	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38946	6.796	ug/l #	16
71) Bromoform	12.847	173	1841	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	112788	24.380	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	112788	87.758	ug/l #	12
95) Naphthalene	15.647	128	4154	2.496	ug/l #	96

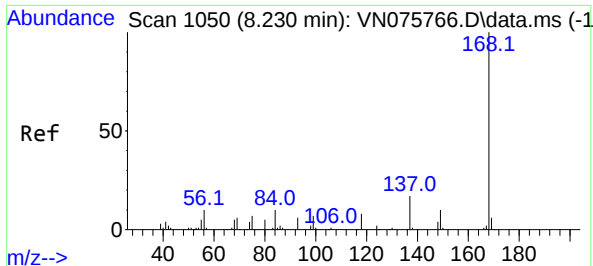
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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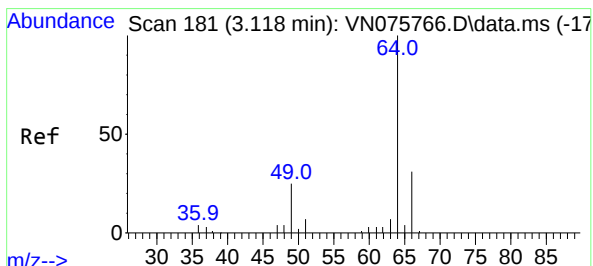
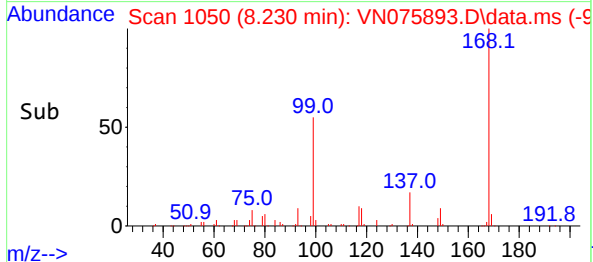
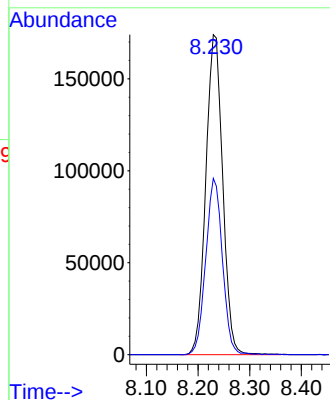
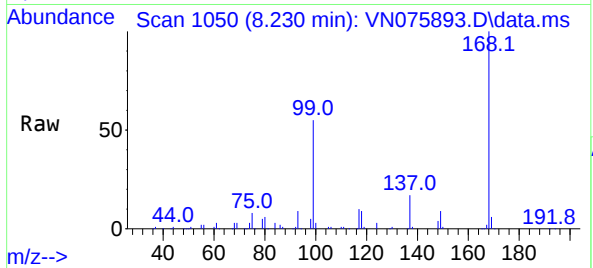




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

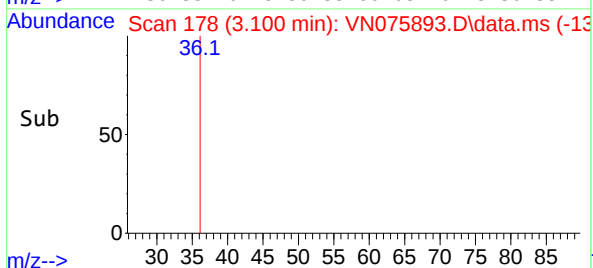
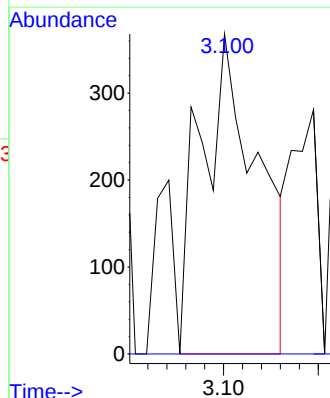
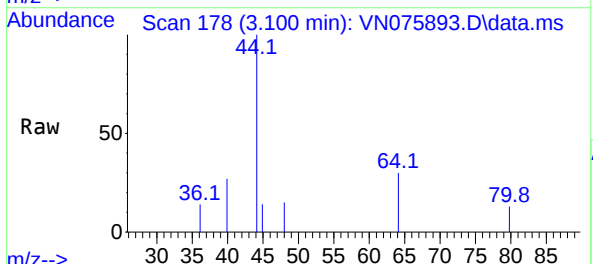
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MSVOA_N
ClientSampleId :
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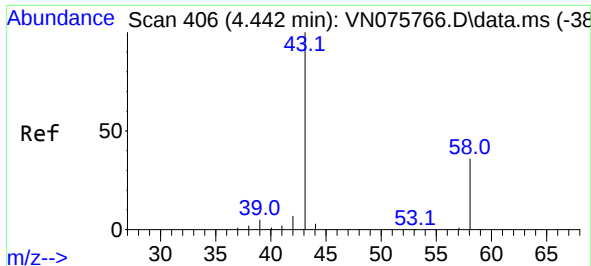
Tgt Ion:168 Resp: 394849
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#6
Chloroethane
Concen: 0.250 ug/l
RT: 3.100 min Scan# 178
Delta R.T. -0.018 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion: 64 Resp: 770
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

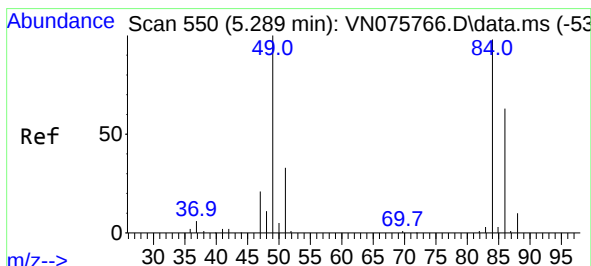
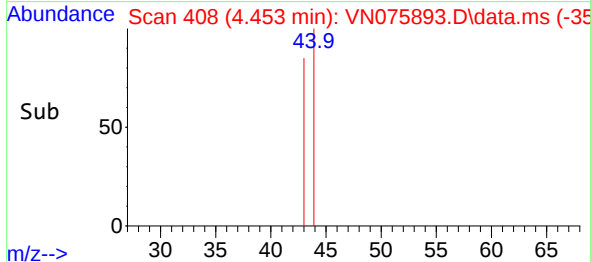
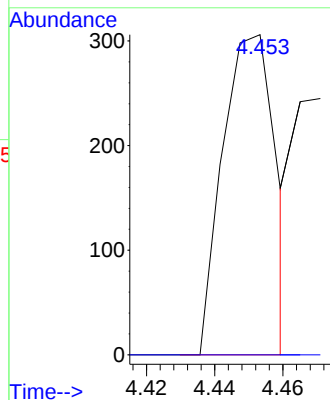
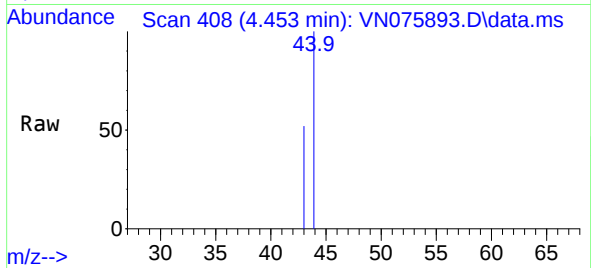




#16
Acetone
Concen: 0.225 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

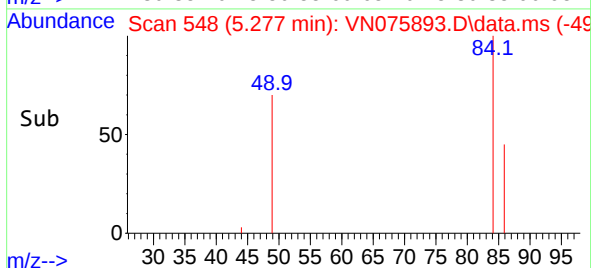
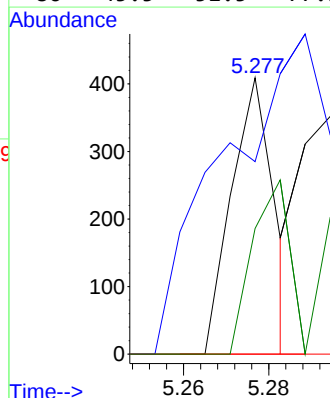
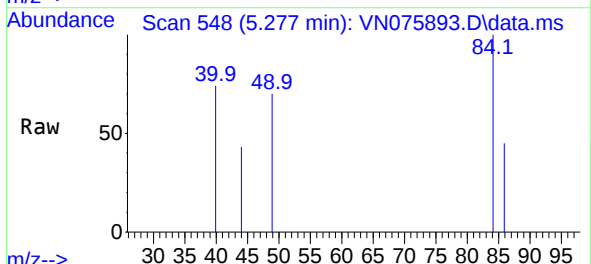
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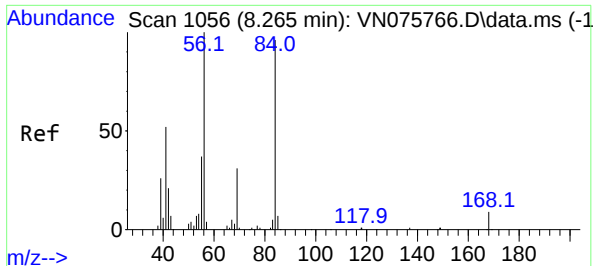
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion: 84 Resp: 288
Ion Ratio Lower Upper
84 100
49 25.4 81.8 122.6#
51 0.0 26.7 40.1#
86 45.5 51.5 77.3#

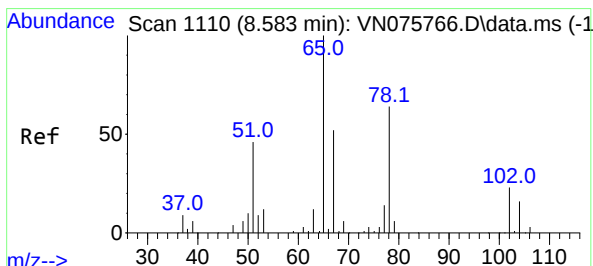
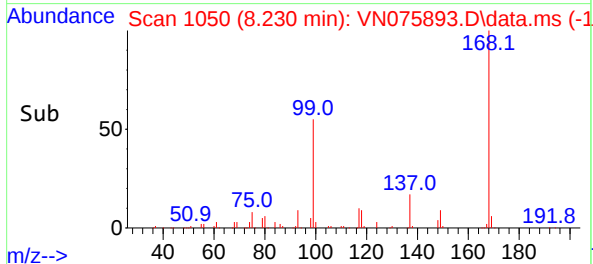
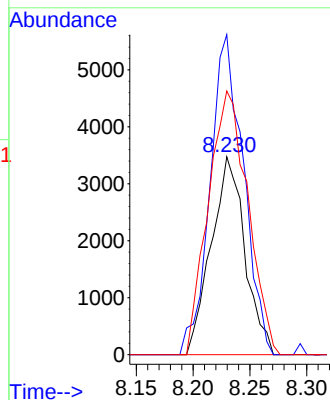
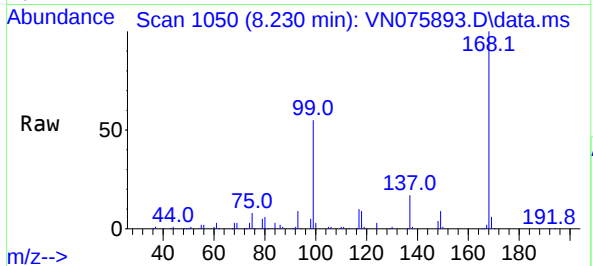




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

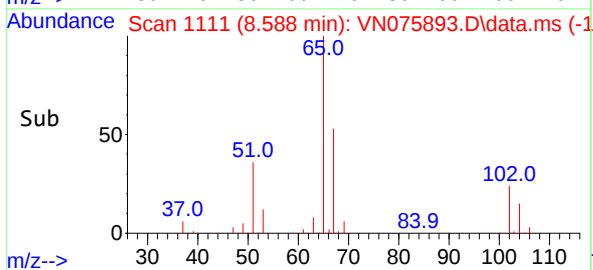
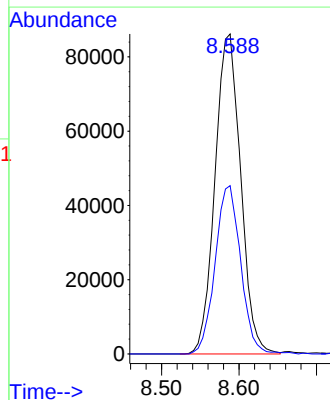
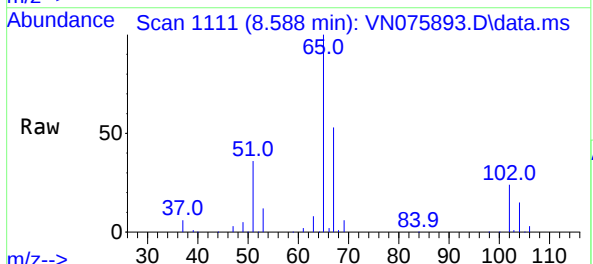
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

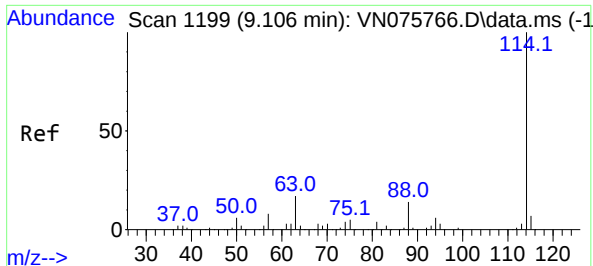
Tgt Ion: 56 Resp: 7169
Ion Ratio Lower Upper
56 100
69 161.7 24.7 37.1#
84 133.3 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.253 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion: 65 Resp: 198684
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

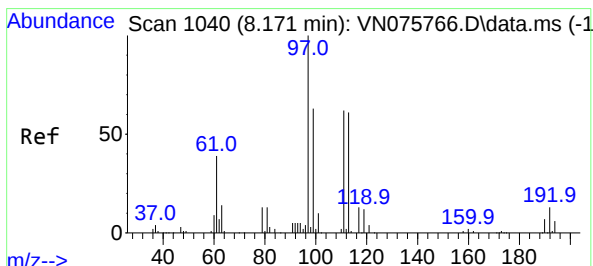
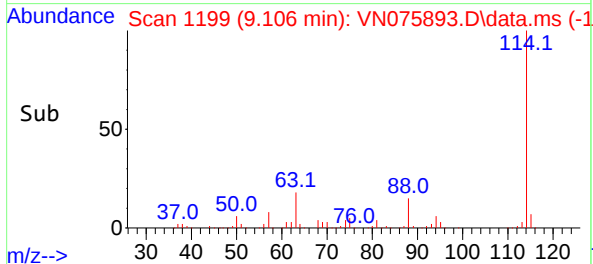
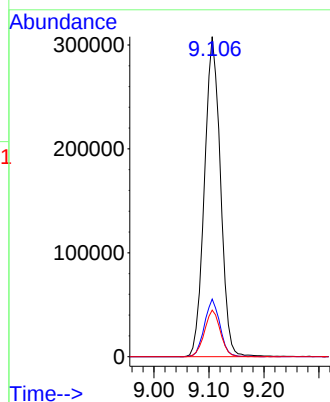
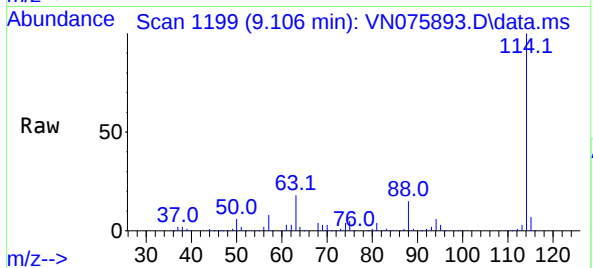




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

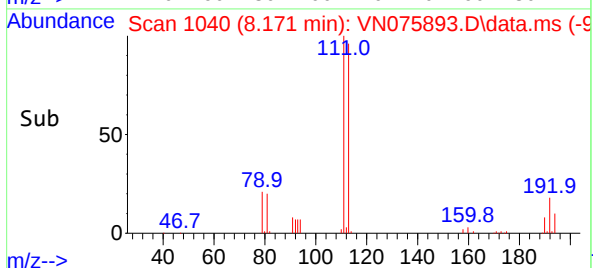
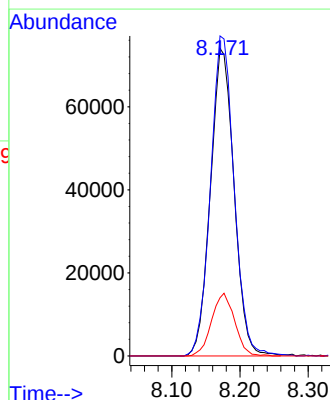
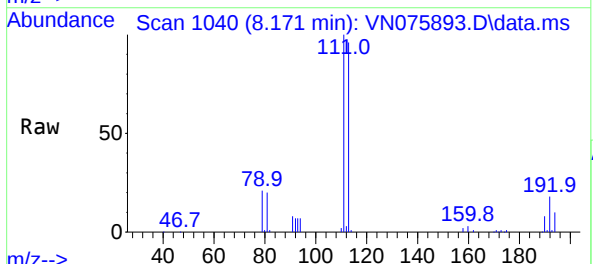
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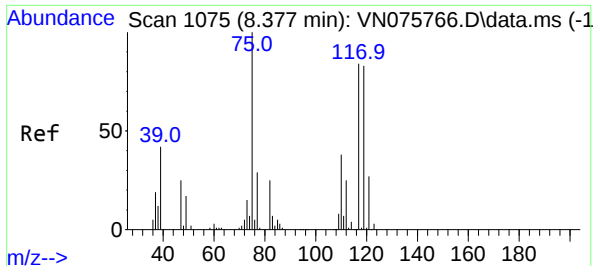
Tgt Ion:114 Resp: 622424
Ion Ratio Lower Upper
114 100
63 18.0 0.0 34.4
88 14.5 0.0 28.8



#35
Dibromofluoromethane
Concen: 46.267 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion:113 Resp: 178339
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 19.9 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.543 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075893.D

Acq: 20 Dec 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

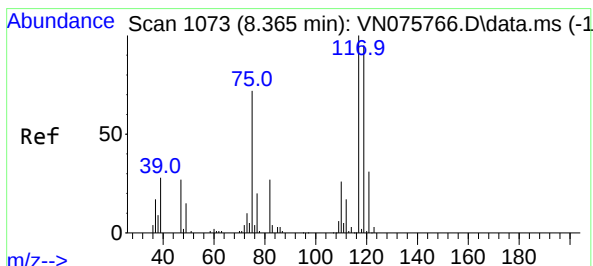
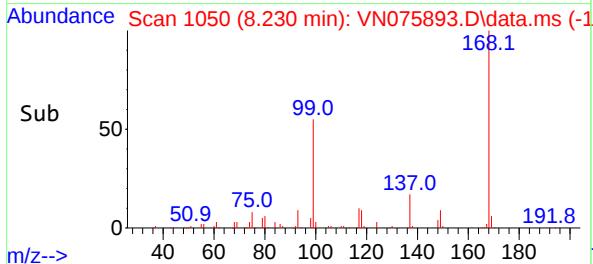
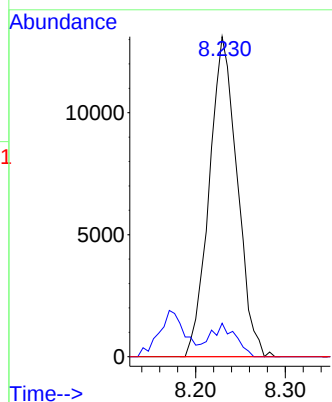
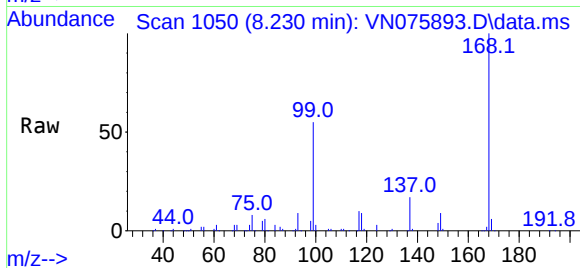
Tgt Ion: 75 Resp: 28383

Ion Ratio Lower Upper

75 100

110 9.1 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.796 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075893.D

Acq: 20 Dec 2022 12:59

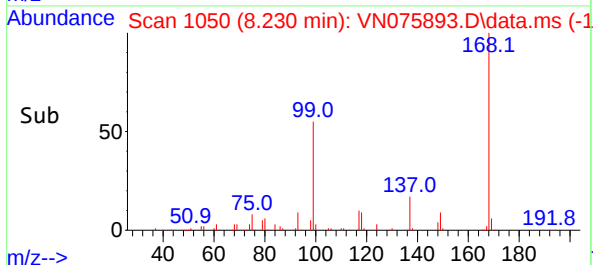
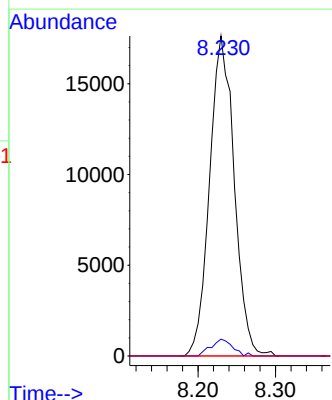
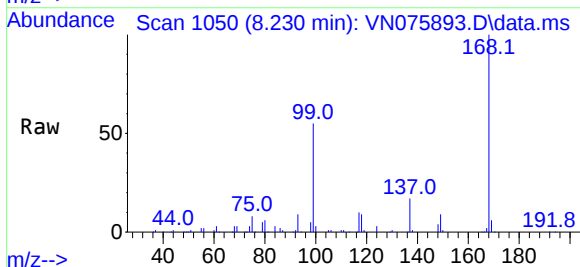
Tgt Ion: 117 Resp: 38946

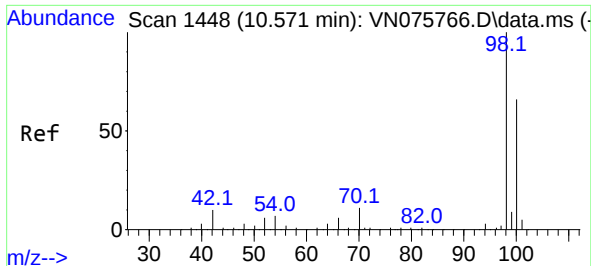
Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

121 0.0 24.5 36.7#

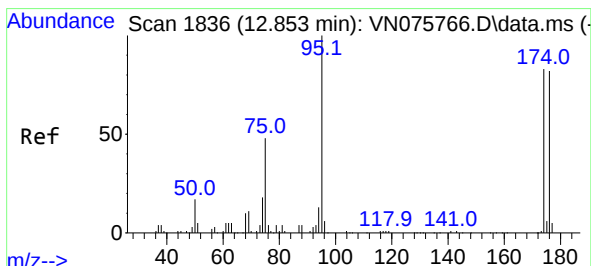
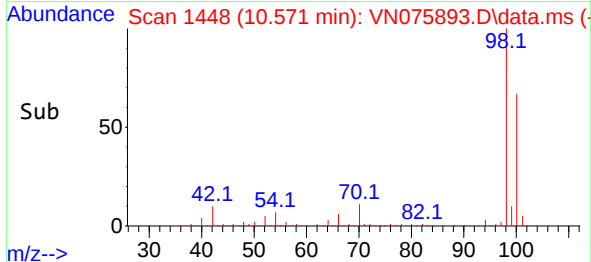
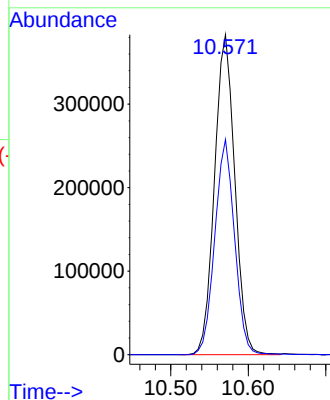
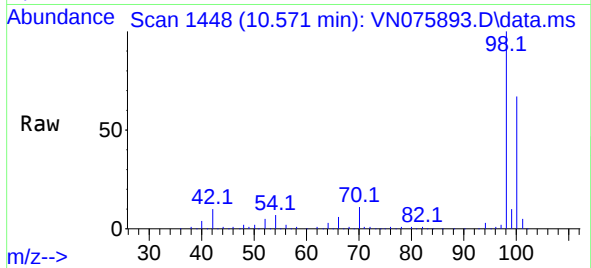




#50
Toluene-d8
Concen: 48.351 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

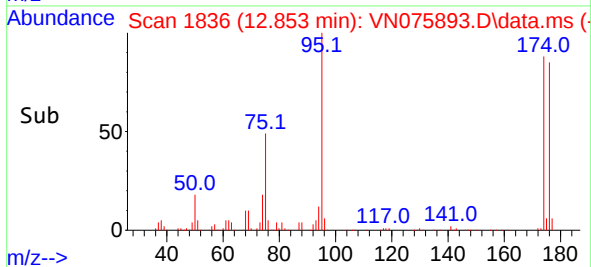
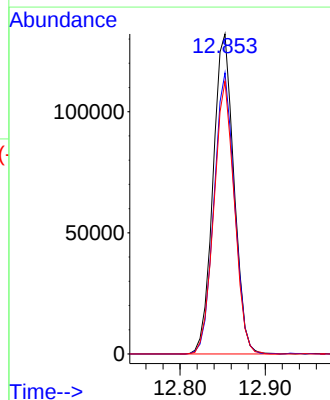
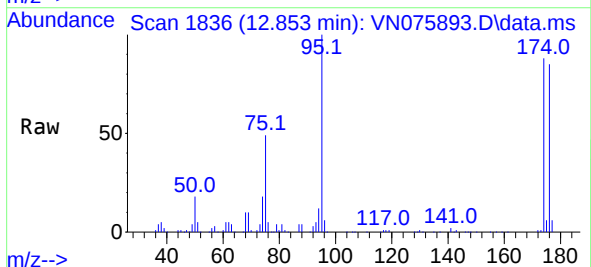
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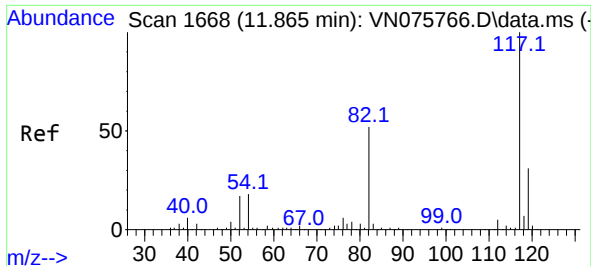
Tgt Ion: 98 Resp: 696824
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.135 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion: 95 Resp: 224994
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 83.2 0.0 169.2

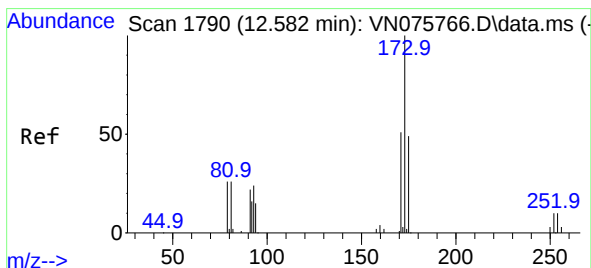
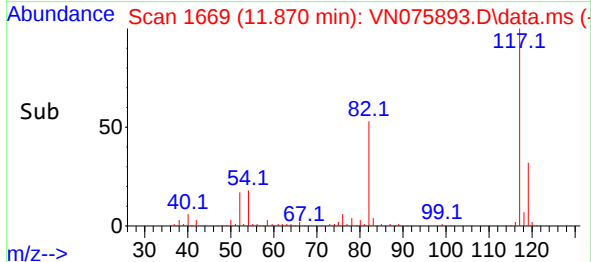
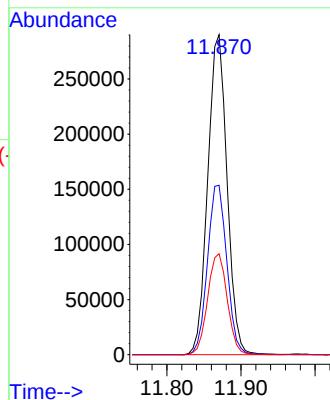
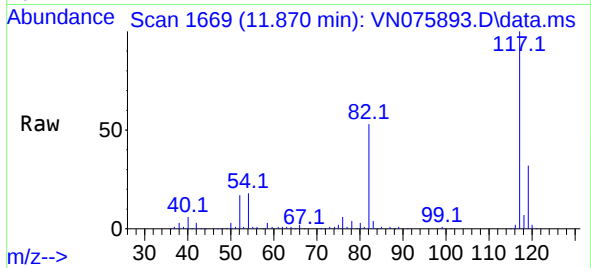




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

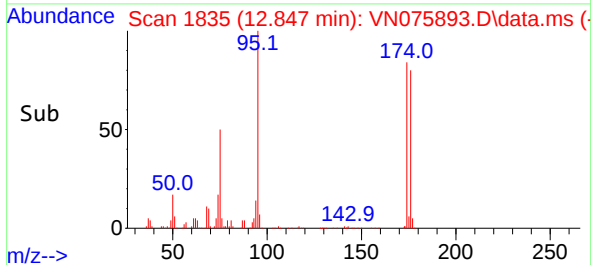
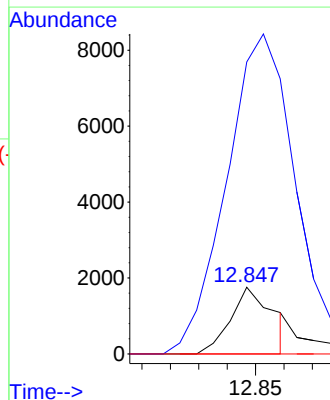
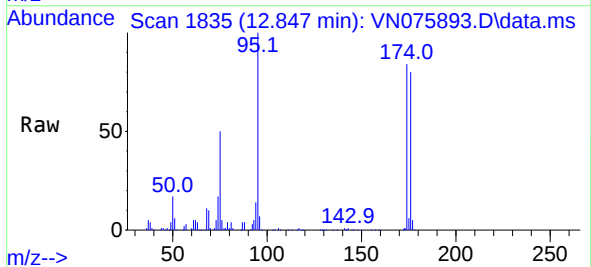
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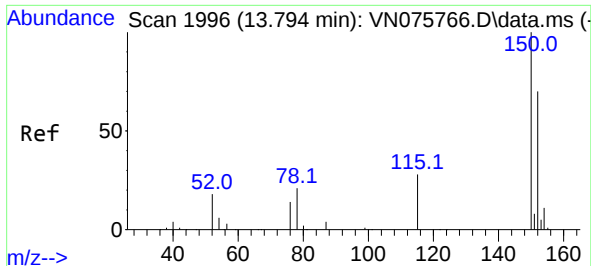
Tgt Ion:117 Resp: 525066
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 31.6 24.6 37.0



#71
Bromoform
Concen: 0.634 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion:173 Resp: 1841
Ion Ratio Lower Upper
173 100
175 626.1 24.3 72.8#
254 0.0 0.0 0.0

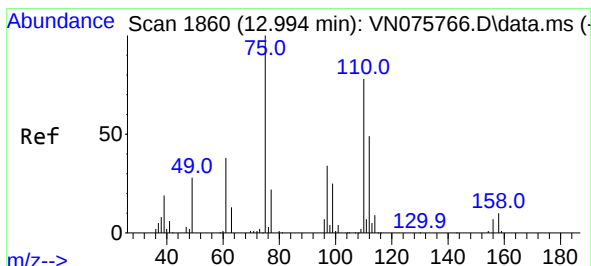
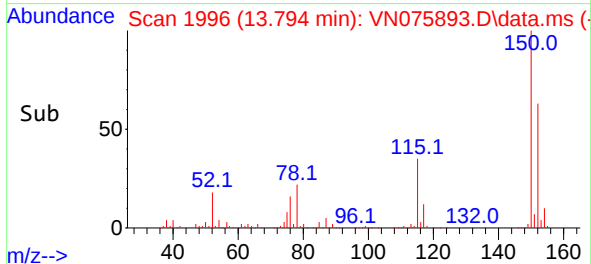
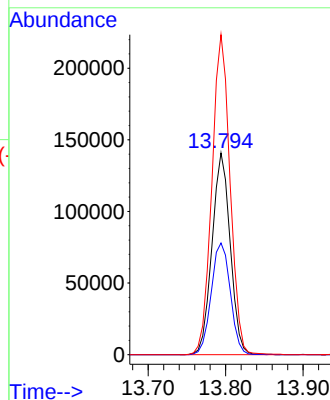
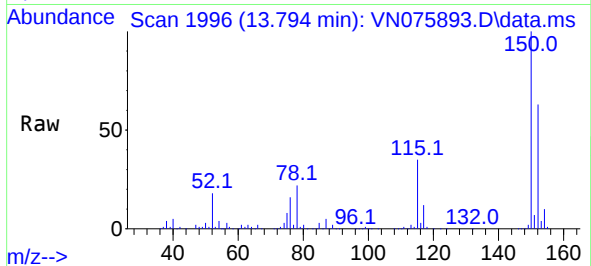




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

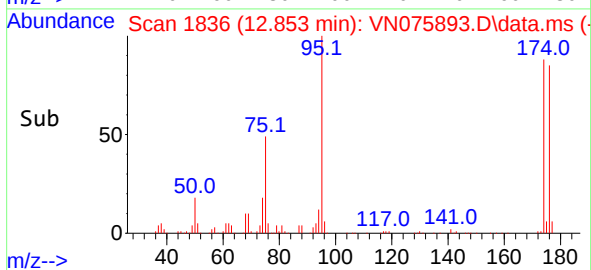
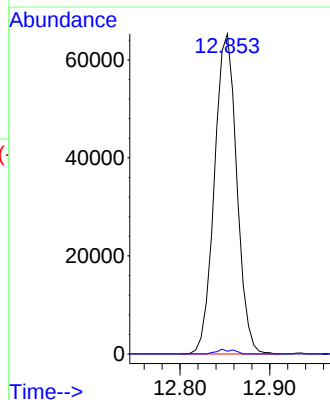
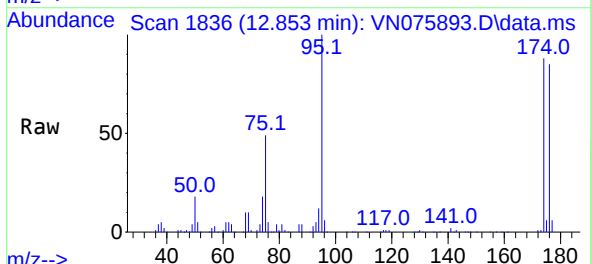
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

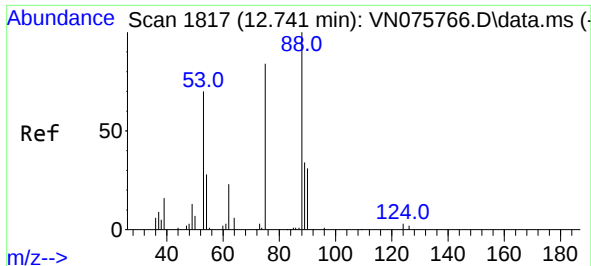
Tgt Ion:152 Resp: 229500
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 158.5 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.380 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion: 75 Resp: 112788
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

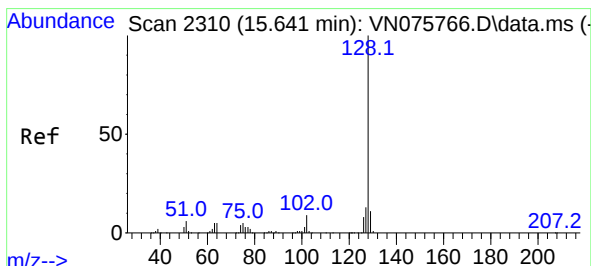
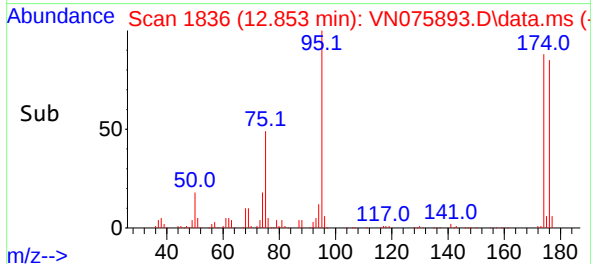
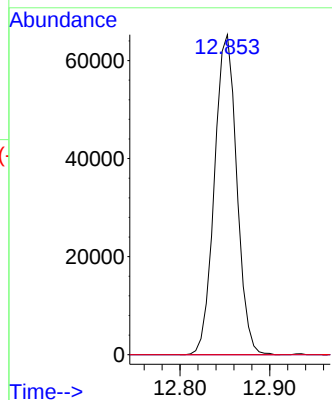
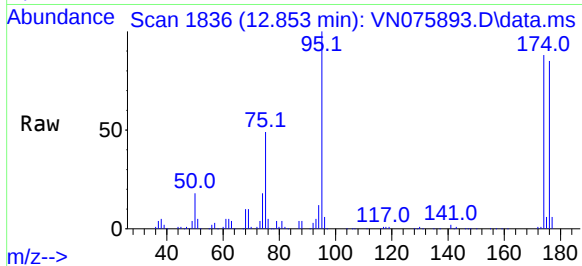




#81
trans-1,4-Dichloro-2-butene
Concen: 87.758 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 112788
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.496 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075893.D
Acq: 20 Dec 2022 12:59

Tgt Ion:128 Resp: 4154
Ion Ratio Lower Upper
128 100
127 10.0 10.4 15.6#
129 11.1 8.7 13.1

