

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080280.D
 Acq On : 27 Nov 2023 17:11
 Operator : JC\MD
 Sample : 05543-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 28 02:09:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

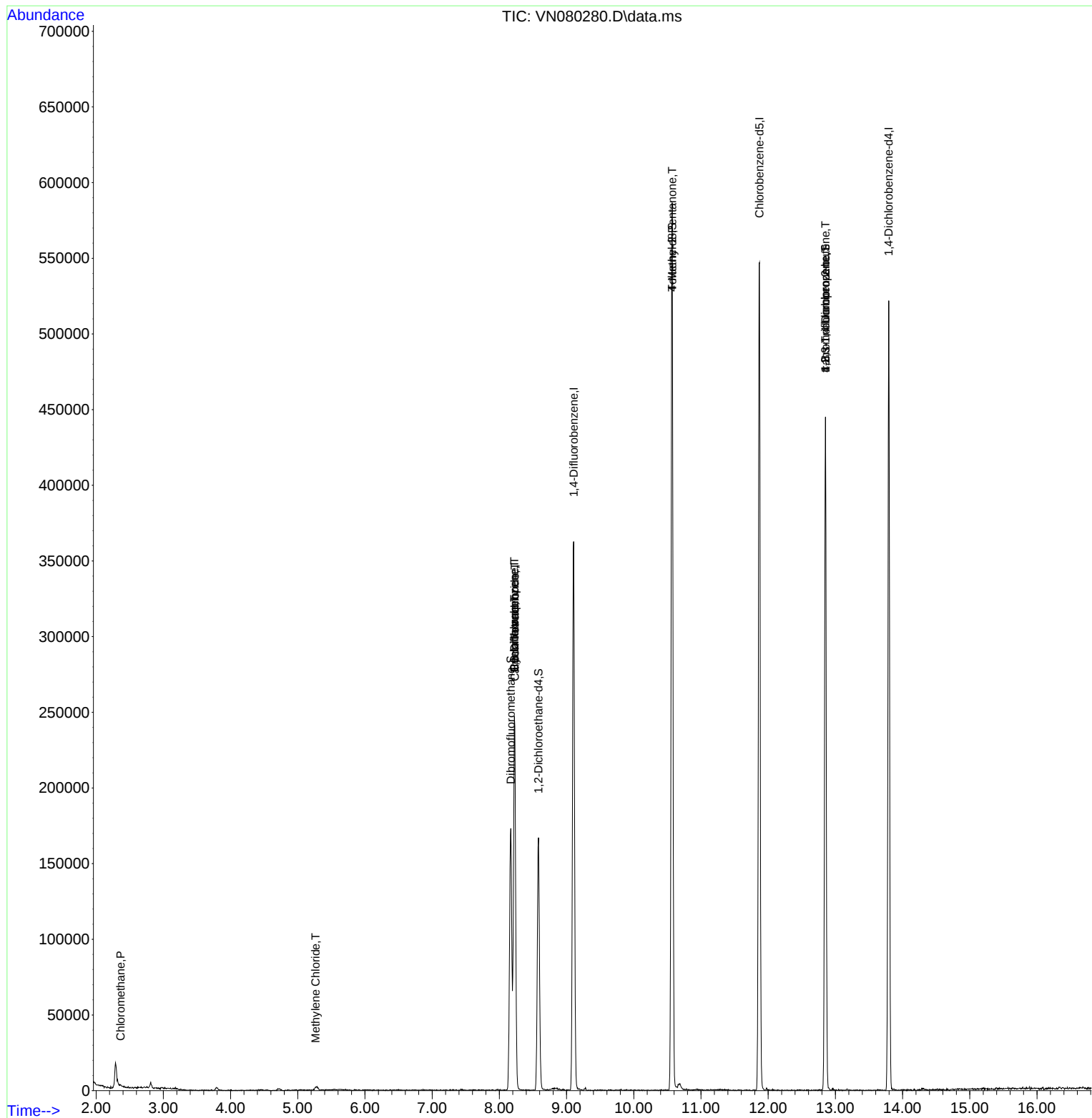
Internal Standards						
1) Pentafluorobenzene	8.224	168	173286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	321243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152667	53.357	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.720%		
35) Dibromofluoromethane	8.171	113	122221	53.544	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.080%		
50) Toluene-d8	10.571	98	403247	49.007	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.020%		
62) 4-Bromofluorobenzene	12.853	95	154818	49.813	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	591	0.305	ug/l #	76
6) Chloroethane	3.165	64	303	Below Cal	#	43
20) Methylene Chloride	5.265	84	783	0.389	ug/l #	87
31) Cyclohexane	8.224	56	3260	1.048	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	14173	4.289	ug/l #	50
38) Carbon Tetrachloride	8.230	117	20368	4.857	ug/l #	18
51) 4-Methyl-2-Pentanone	10.571	43	1618	0.701	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	87175	26.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	87175	88.564	ug/l #	15

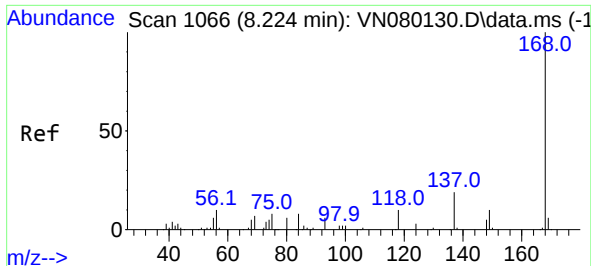
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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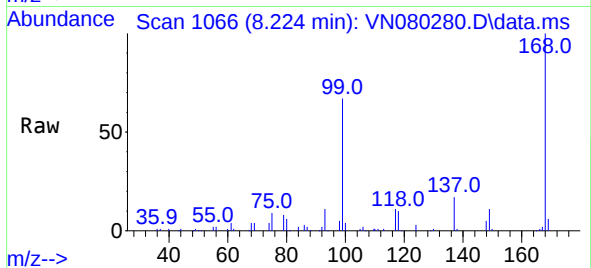
Quant Time: Nov 28 02:09:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
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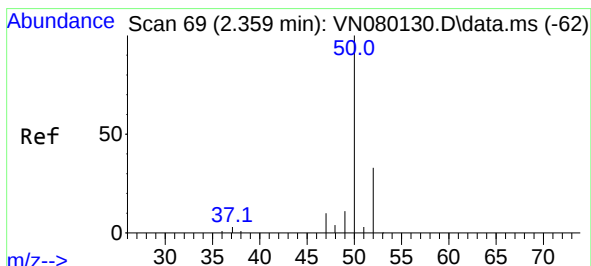
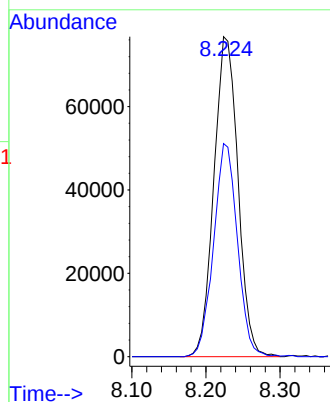
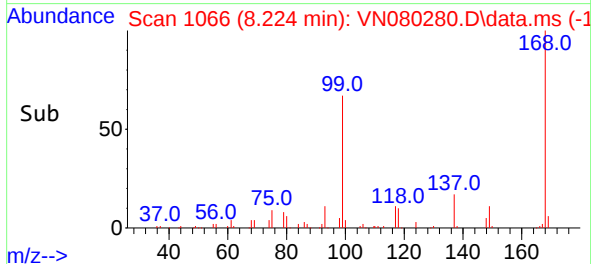


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

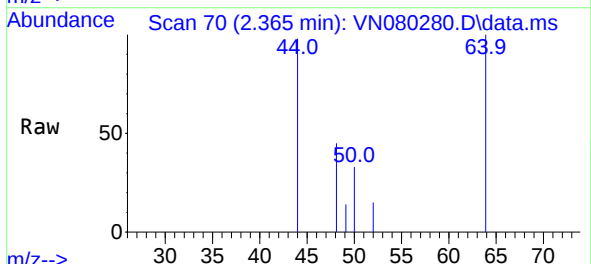
Instrument :
MSVOA_N
ClientSampleId :



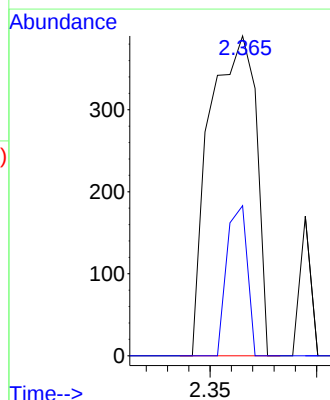
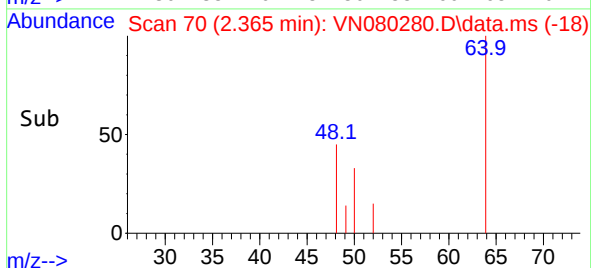
Tgt Ion:168 Resp: 173286
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6

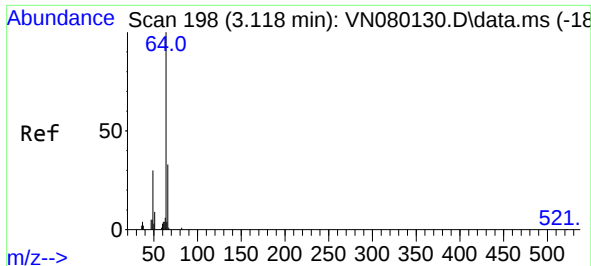


#3
Chloromethane
Concen: 0.305 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11



Tgt Ion: 50 Resp: 591
Ion Ratio Lower Upper
50 100
52 46.9 26.5 39.7#

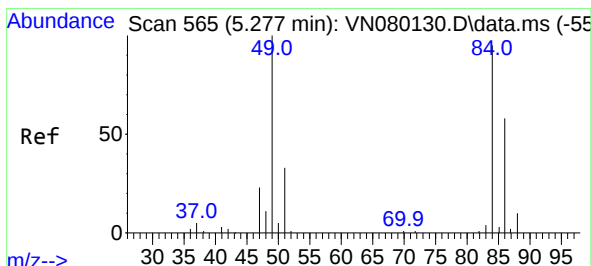
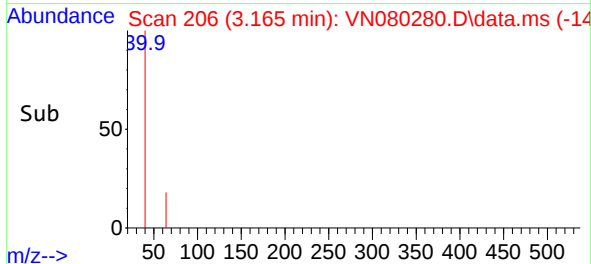
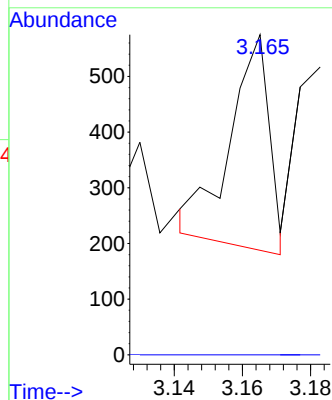
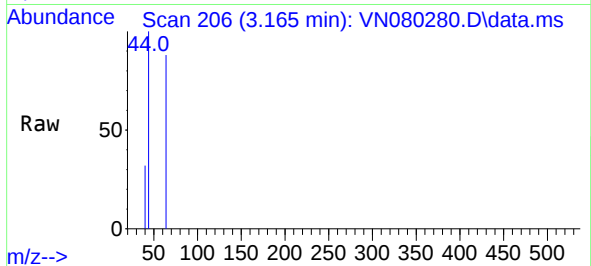




#6
Chloroethane
Concen: Below Cal
RT: 3.165 min Scan# 206
Delta R.T. 0.047 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

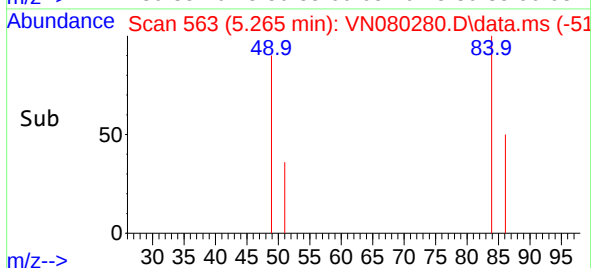
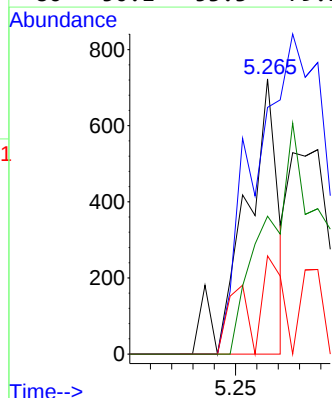
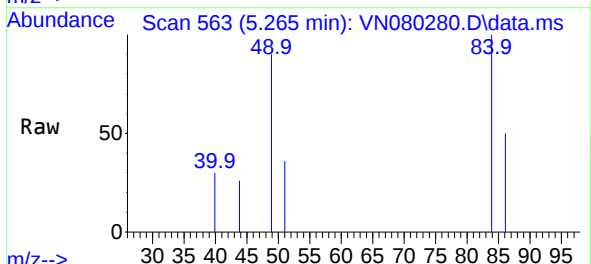
Instrument :
MSVOA_N
ClientSampleId :

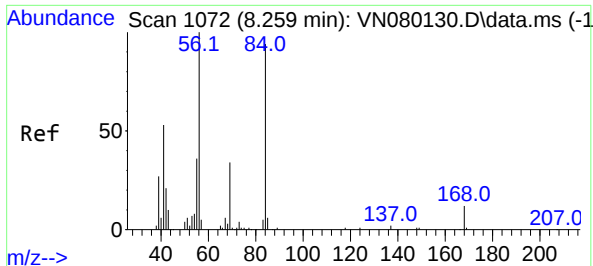
Tgt Ion: 64 Resp: 303
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

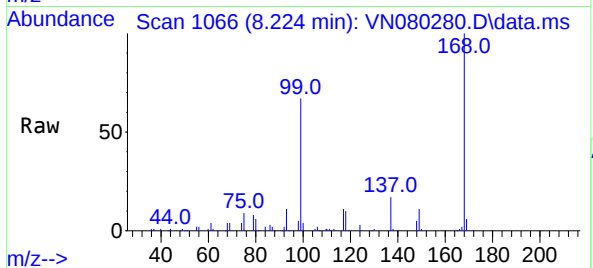
Tgt Ion: 84 Resp: 783
Ion Ratio Lower Upper
84 100
49 89.6 79.7 119.5
51 35.7 25.2 37.8
86 50.1 53.3 79.9#



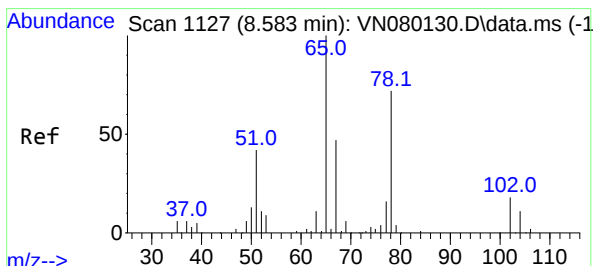
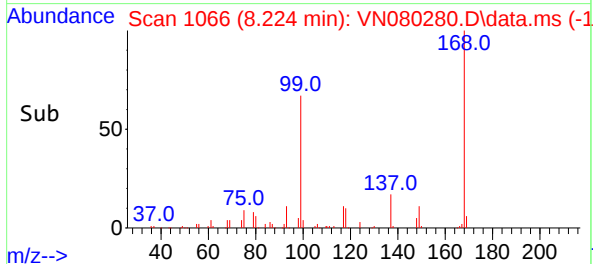
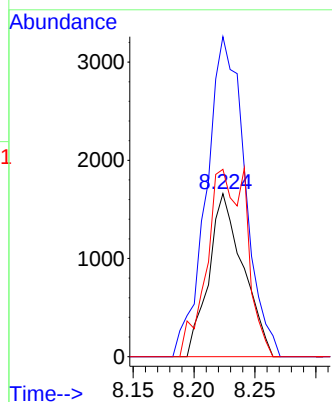


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :

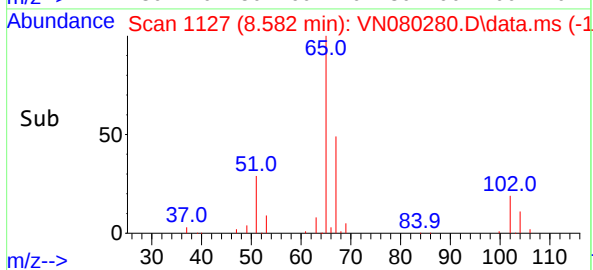
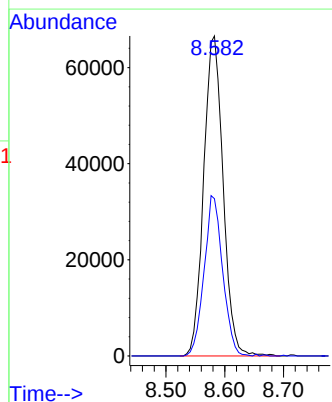
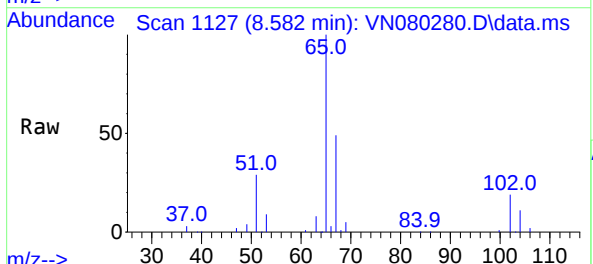


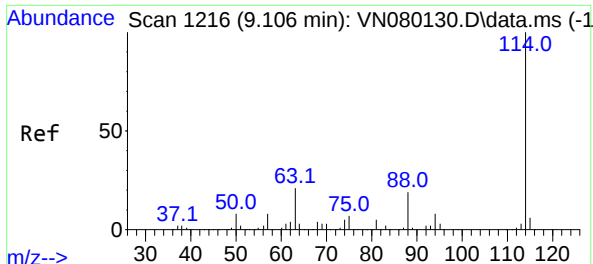
Tgt Ion: 56 Resp: 3260
Ion Ratio Lower Upper
56 100
69 196.2 26.8 40.2#
84 114.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 53.357 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Tgt Ion: 65 Resp: 152667
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.6

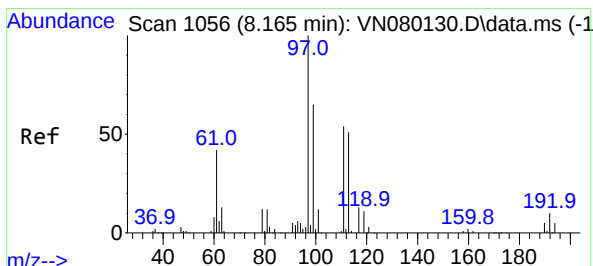
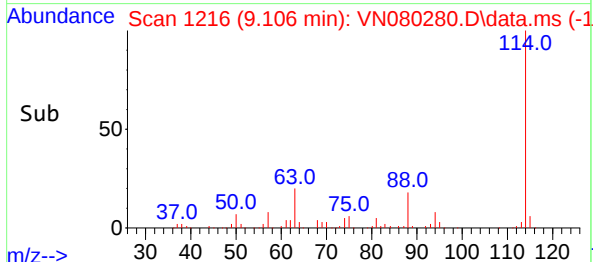
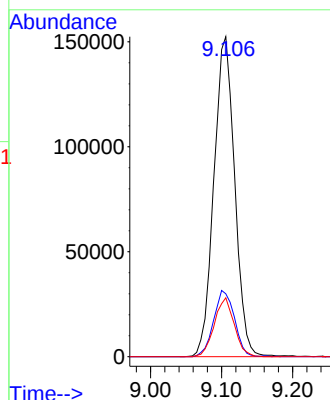
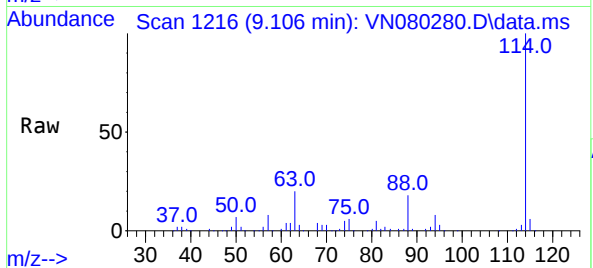




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

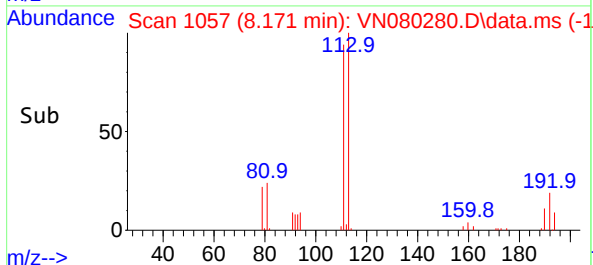
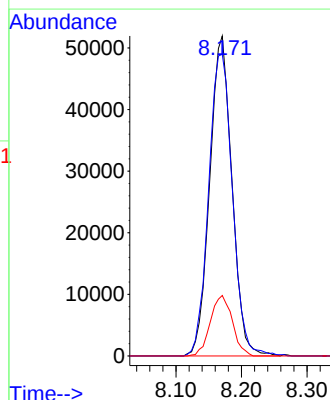
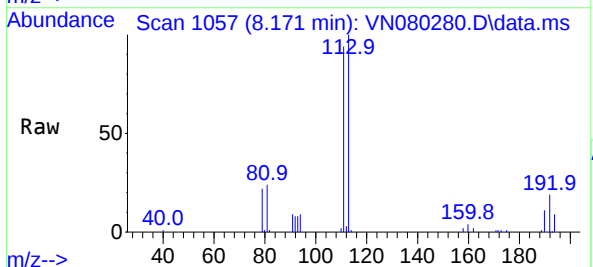
Instrument :
MSVOA_N
ClientSampleId :

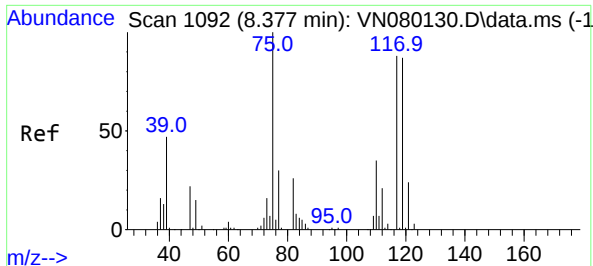
Tgt Ion:114 Resp: 309354
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 18.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.544 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

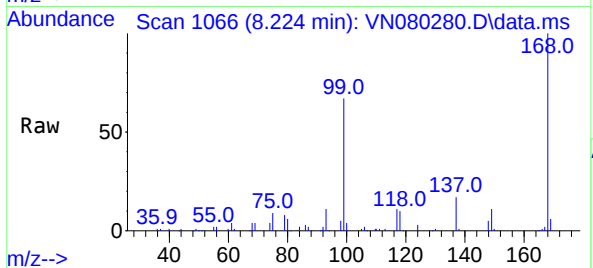
Tgt Ion:113 Resp: 122221
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 18.7 12.7 19.1



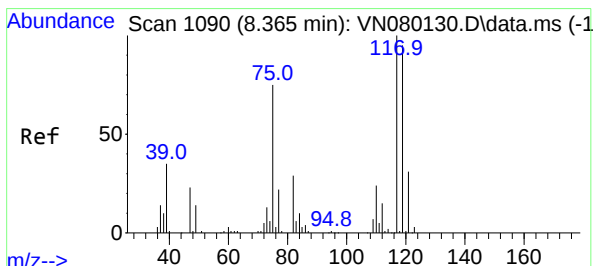
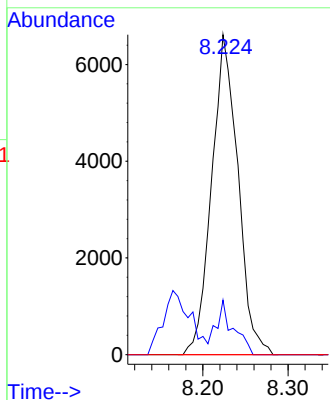
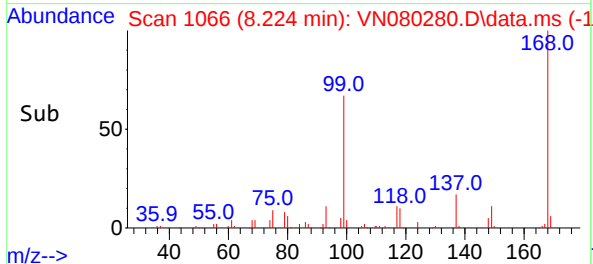


#36
1,1-Dichloropropene
Concen: 4.289 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :

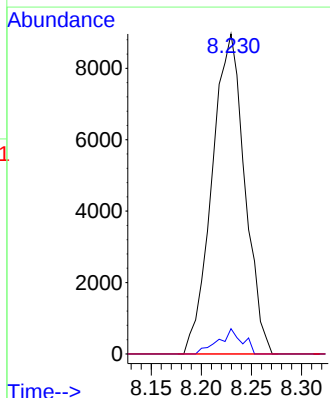
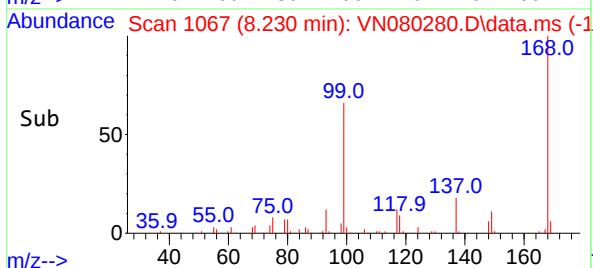
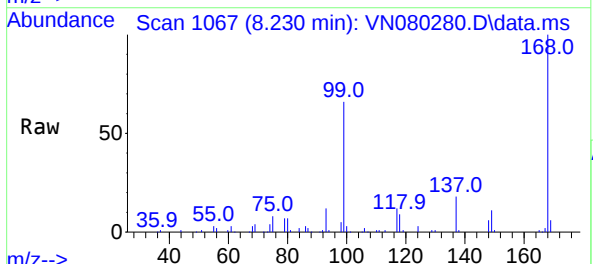


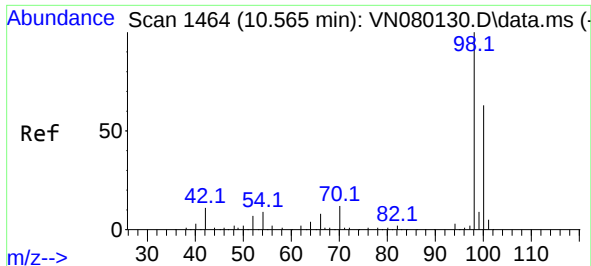
Tgt Ion: 75 Resp: 14173
Ion Ratio Lower Upper
75 100
110 11.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.857 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Tgt Ion: 117 Resp: 20368
Ion Ratio Lower Upper
117 100
119 7.9 77.3 115.9#
121 0.0 23.3 34.9#

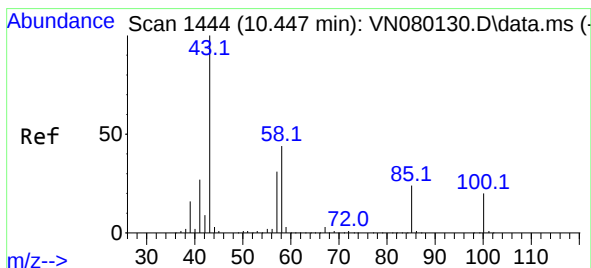
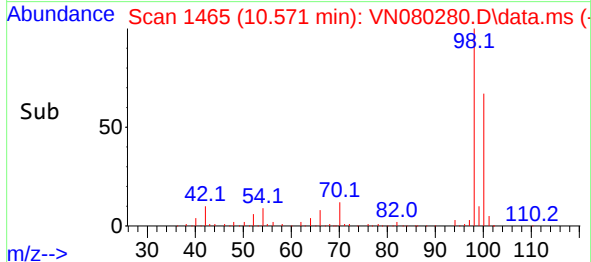
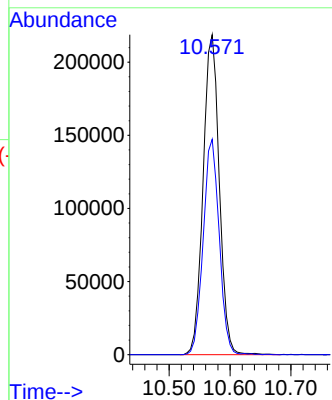
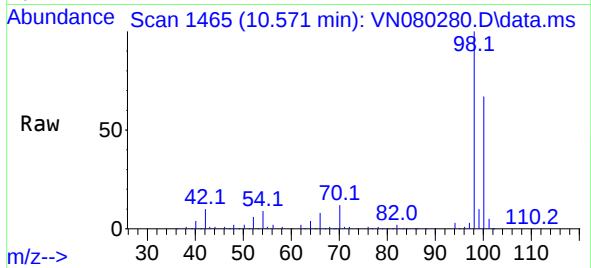




#50
Toluene-d8
Concen: 49.007 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

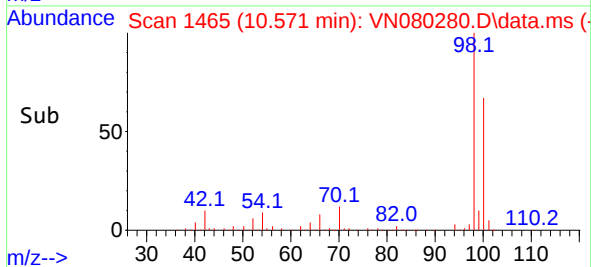
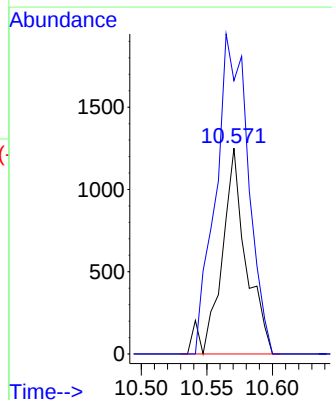
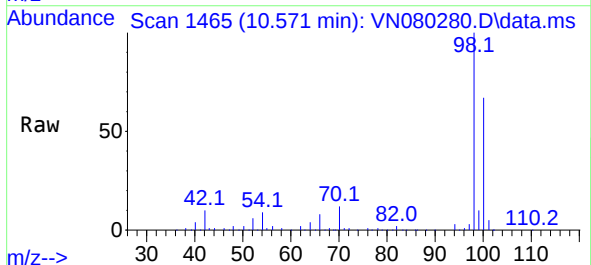
Instrument :
MSVOA_N
ClientSampleId :

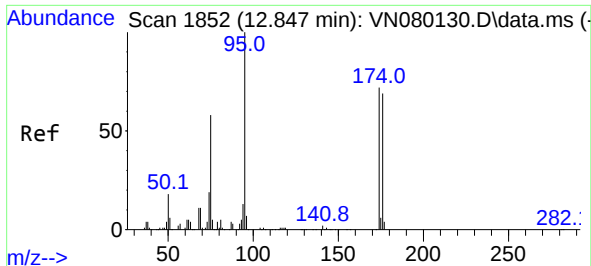
Tgt Ion: 98 Resp: 403247
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.701 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 206.5 36.6 54.8#

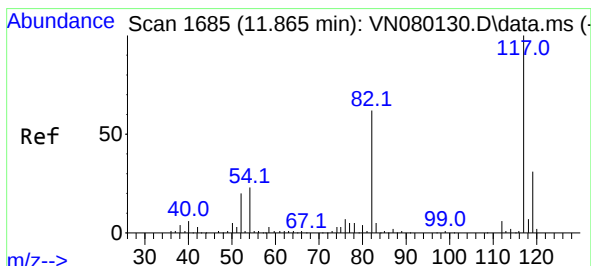
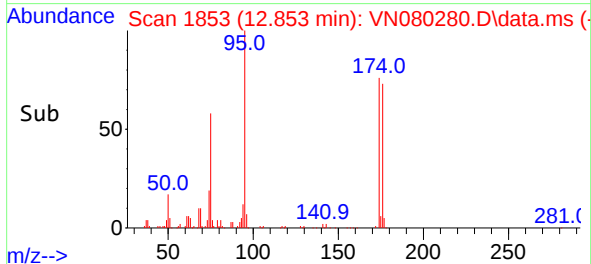
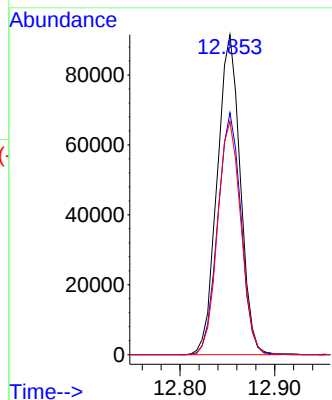
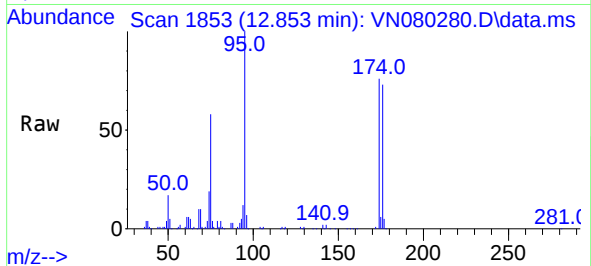




#62
4-Bromofluorobenzene
Concen: 49.813 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

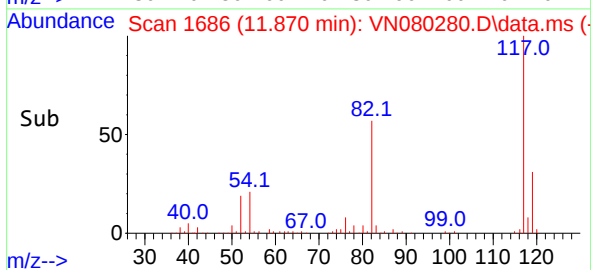
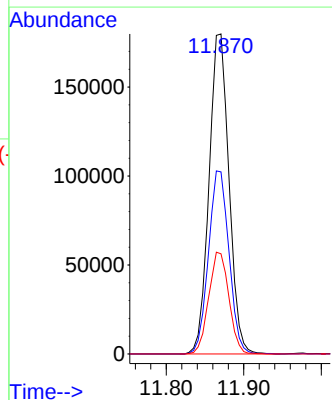
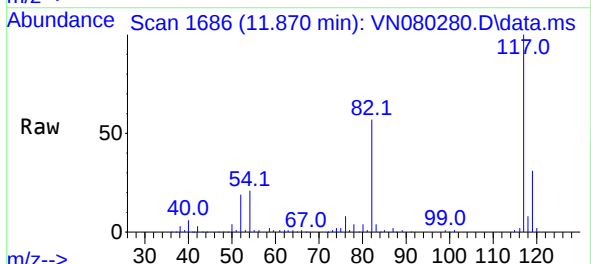
Instrument :
MSVOA_N
ClientSampleId :

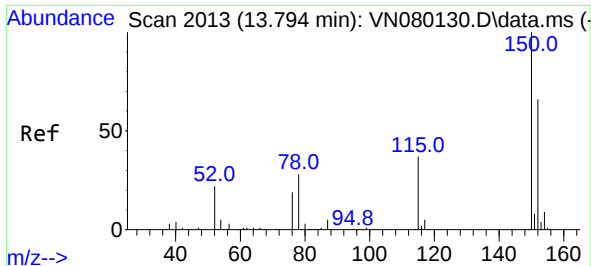
Tgt Ion: 95 Resp: 154818
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

Tgt Ion: 117 Resp: 321243
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.3 25.6 38.4

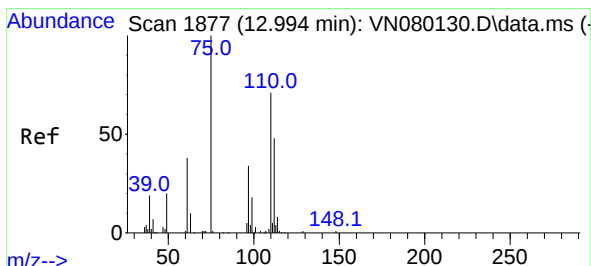
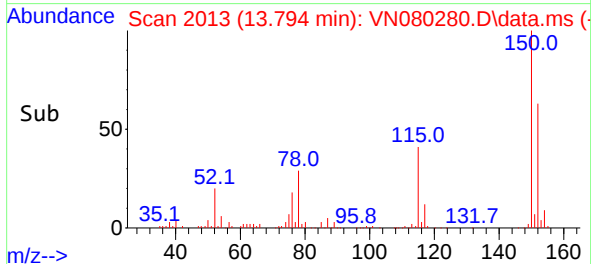
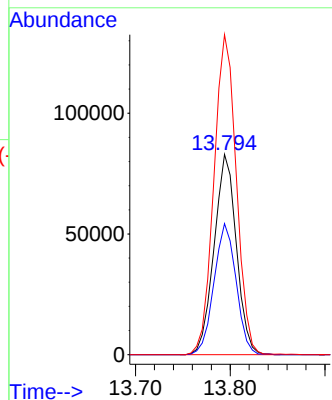
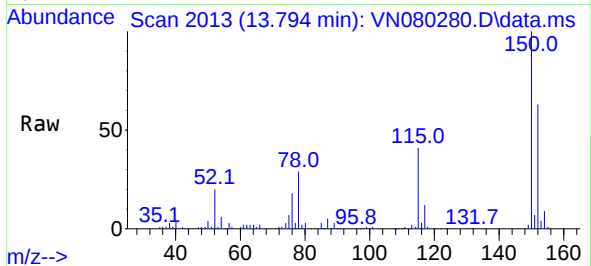




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

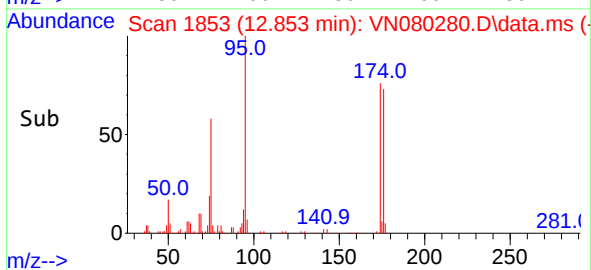
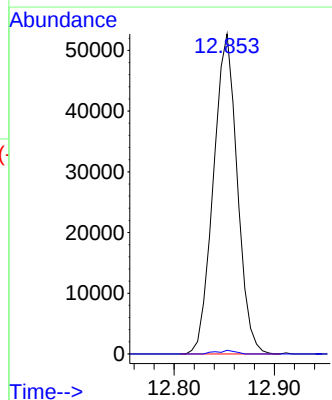
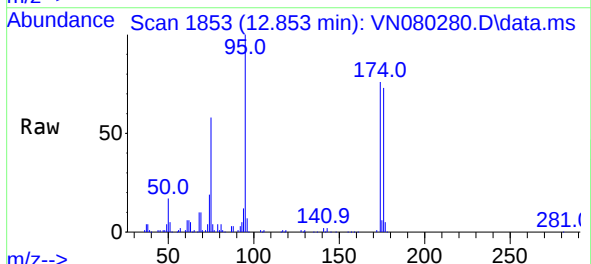
Instrument :
MSVOA_N
ClientSampleId :

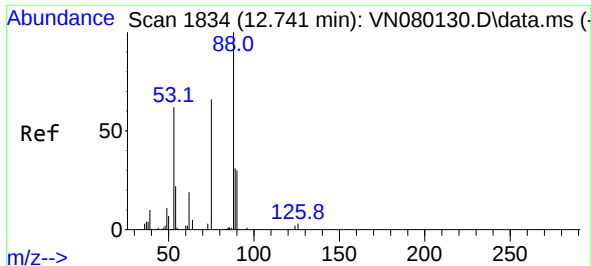
Tgt Ion:152 Resp: 135730
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 160.9 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 26.213 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080280.D
Acq: 27 Nov 2023 17:11

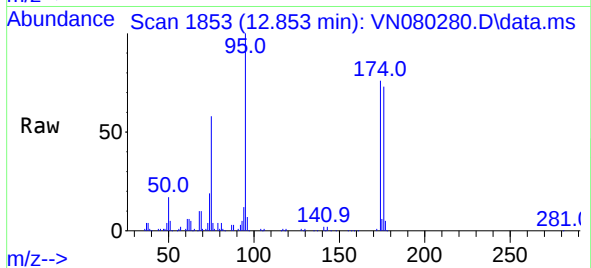
Tgt Ion: 75 Resp: 87175
Ion Ratio Lower Upper
75 100
77 0.9 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.564 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080280.D
 Acq: 27 Nov 2023 17:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 87175
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

