

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077859.D
 Acq On : 24 May 2023 17:55
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: May 25 01:43:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

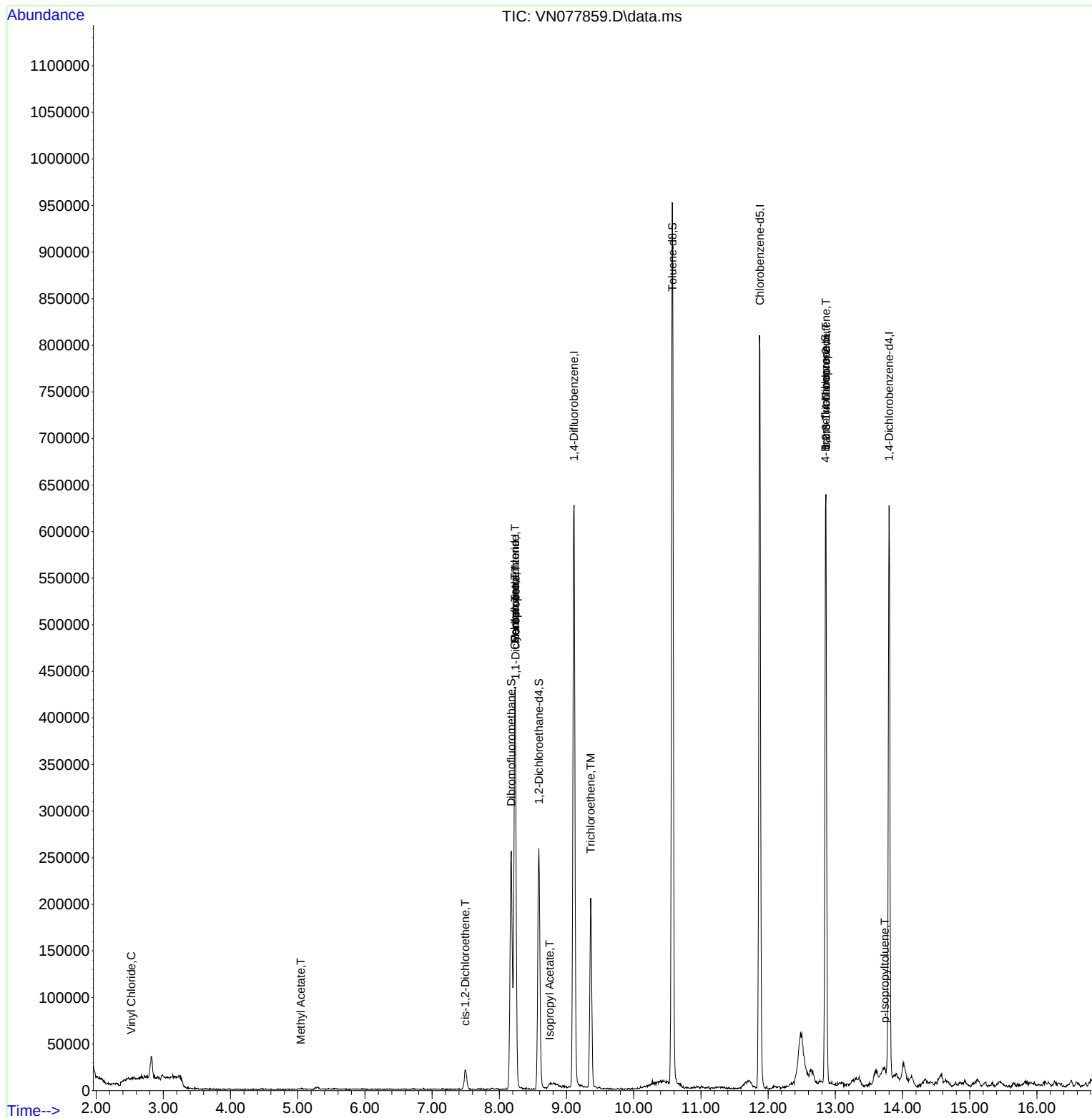
Internal Standards						
1) Pentafluorobenzene	8.236	168	314184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	567633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	492371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	162868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	213784	45.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.960%
35) Dibromofluoromethane	8.177	113	183134	49.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	10.577	98	704728	49.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.853	95	228693	45.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1095	Below Cal		95
4) Vinyl Chloride	2.524	62	1597	0.354 ug/l #		86
13) Acrolein	4.383	56	64	Below Cal #		16
18) Methyl Acetate	5.048	43	1255	0.202 ug/l #		42
20) Methylene Chloride	5.289	84	2691	Below Cal #		71
27) cis-1,2-Dichloroethene	7.494	96	12232	2.748 ug/l		97
31) Cyclohexane	8.230	56	7446	1.165 ug/l #		19
36) 1,1-Dichloropropene	8.241	75	27157	5.016 ug/l #		47
38) Carbon Tetrachloride	8.236	117	34052	6.229 ug/l #		16
43) Isopropyl Acetate	8.747	43	3433	0.436 ug/l #		49
44) Trichloroethene	9.359	130	70333	17.386 ug/l		97
76) 1,2,3-Trichloropropane	12.859	75	124230	30.458 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	124230	97.358 ug/l #		15
86) p-Isopropyltoluene	13.735	119	2355	0.202 ug/l #		50

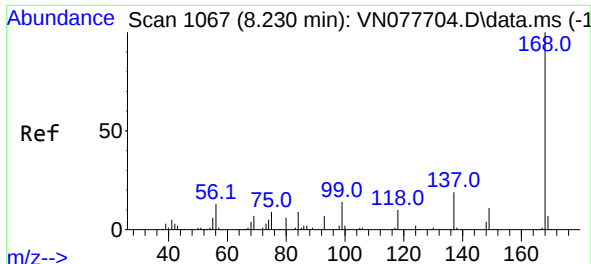
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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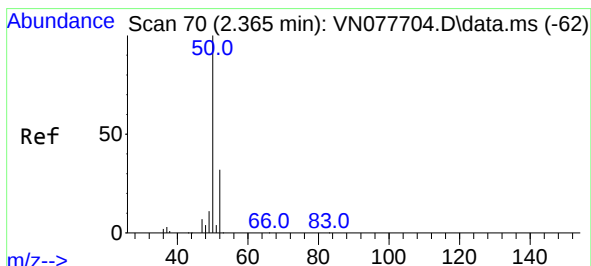
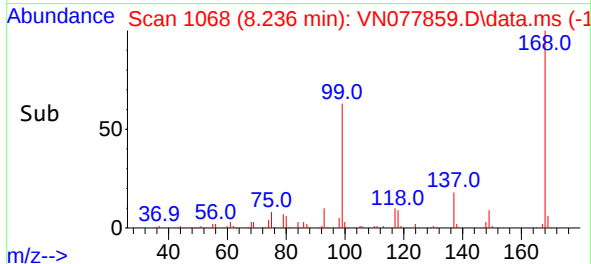
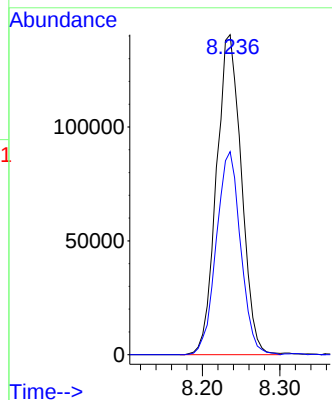
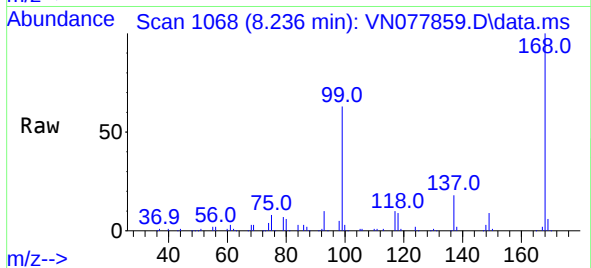




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

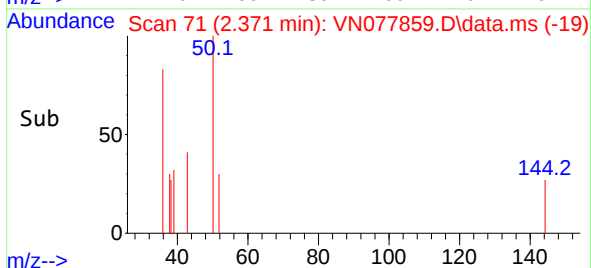
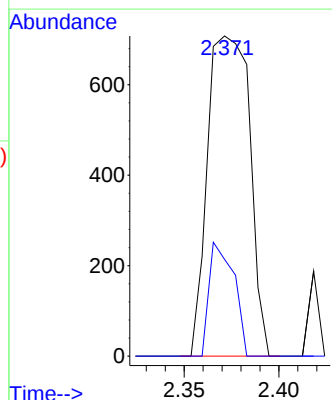
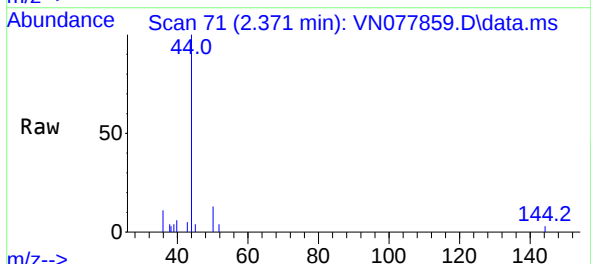
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

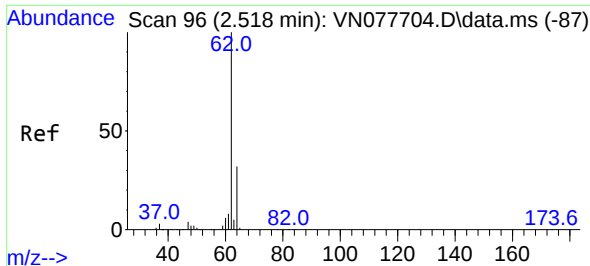
Tgt Ion:168 Resp: 314184
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 50 Resp: 1095
Ion Ratio Lower Upper
50 100
52 30.2 26.5 39.7

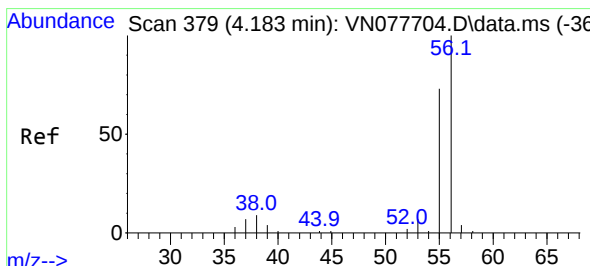
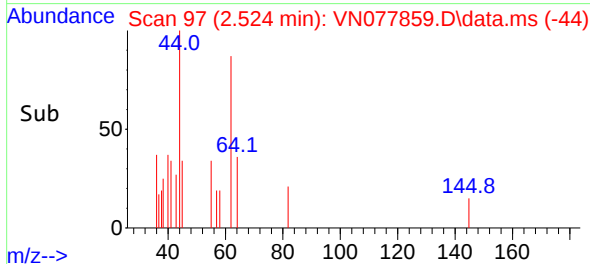
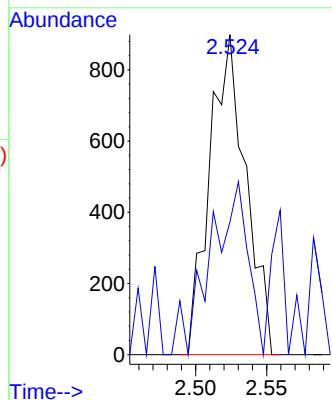
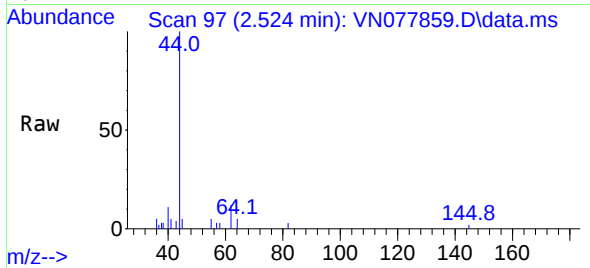




#4
 Vinyl Chloride
 Concen: 0.354 ug/l
 RT: 2.524 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN077859.D
 Acq: 24 May 2023 17:55

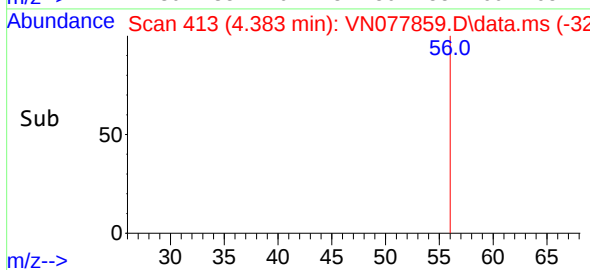
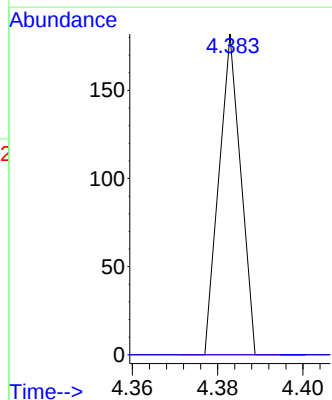
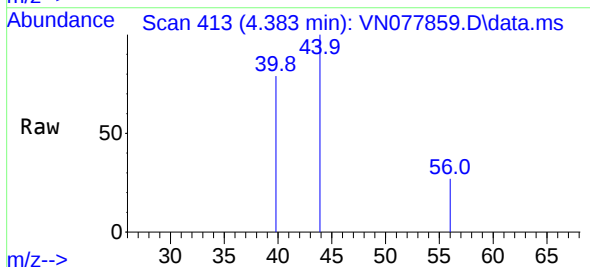
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

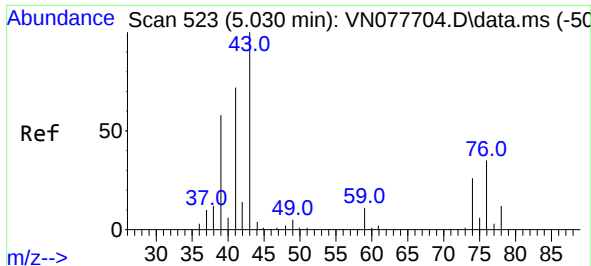
Tgt Ion: 62 Resp: 1597
 Ion Ratio Lower Upper
 62 100
 64 24.7 26.2 39.2#



#13
 Acrolein
 Concen: Below Cal
 RT: 4.383 min Scan# 413
 Delta R.T. 0.194 min
 Lab File: VN077859.D
 Acq: 24 May 2023 17:55

Tgt Ion: 56 Resp: 64
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.5 81.7#





#18

Methyl Acetate

Concen: 0.202 ug/l

RT: 5.048 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN077859.D

Acq: 24 May 2023 17:55

Instrument :

MSVOA_N

ClientSampleId :

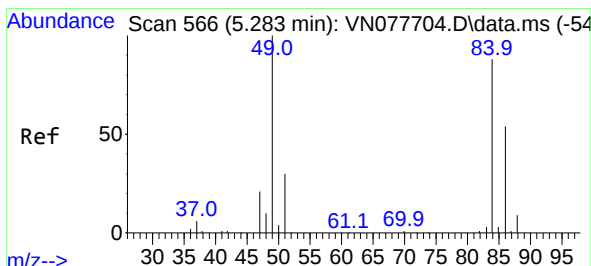
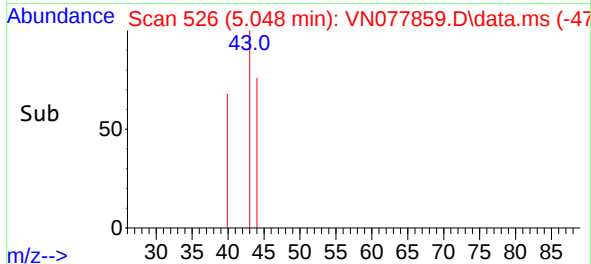
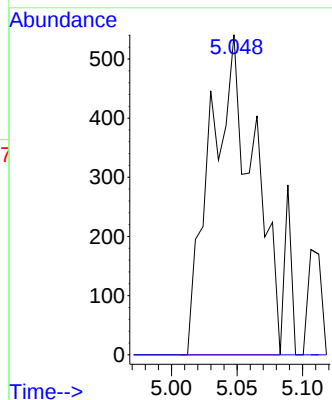
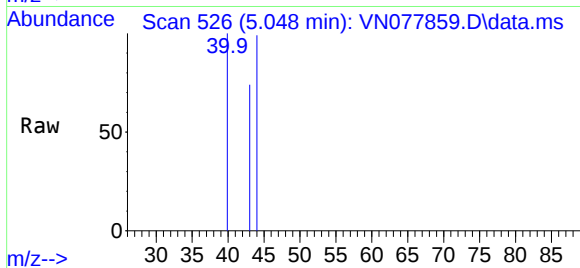
VIBLK

Tgt Ion: 43 Resp: 1255

Ion Ratio Lower Upper

43 100

74 0.0 26.2 39.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN077859.D

Acq: 24 May 2023 17:55

Tgt Ion: 84 Resp: 2691

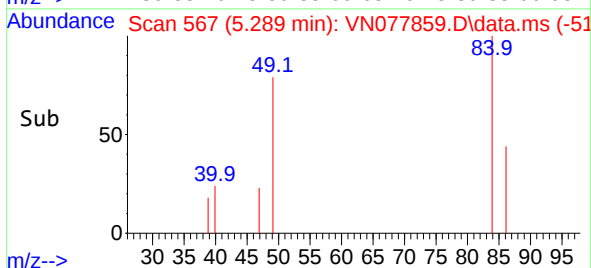
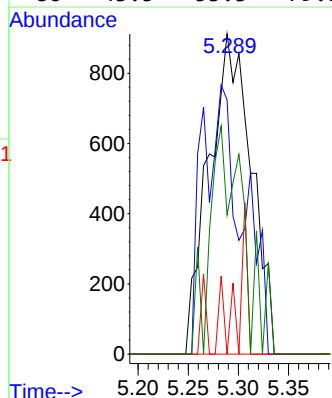
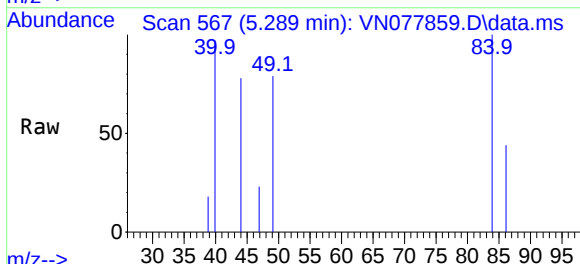
Ion Ratio Lower Upper

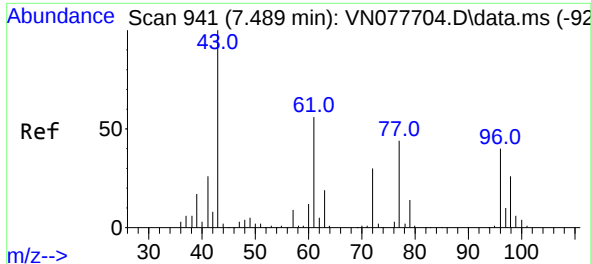
84 100

49 79.4 79.7 119.5#

51 0.0 25.2 37.8#

86 43.5 53.3 79.9#

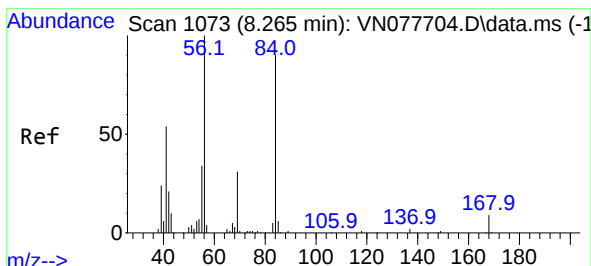
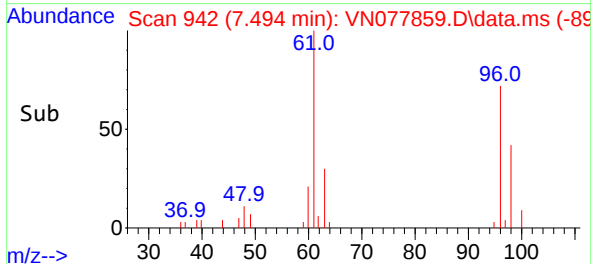
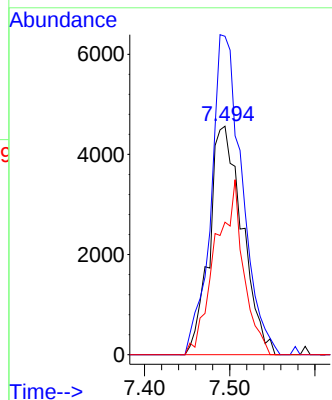
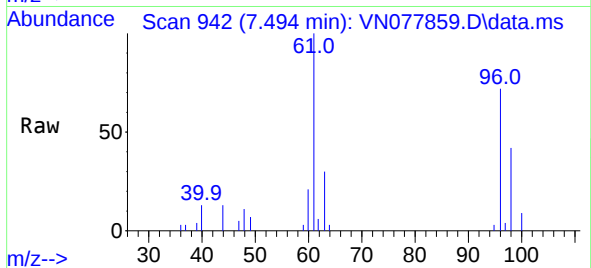




#27
cis-1,2-Dichloroethene
Concen: 2.748 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

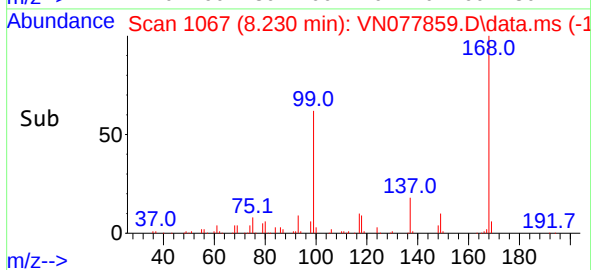
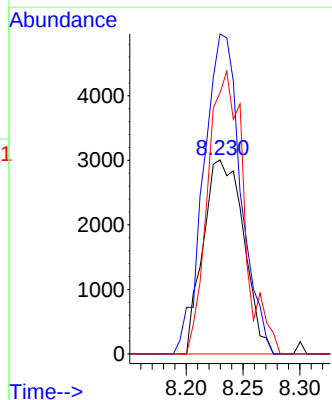
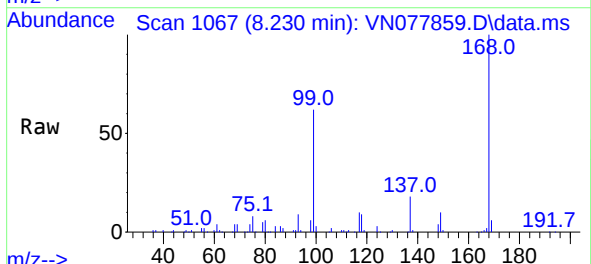
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

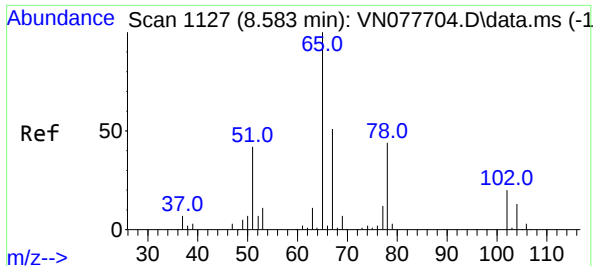
Tgt Ion: 96 Resp: 12232
Ion Ratio Lower Upper
96 100
61 132.4 0.0 255.2
98 65.5 0.0 128.8



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 56 Resp: 7446
Ion Ratio Lower Upper
56 100
69 164.9 26.8 40.2#
84 134.6 81.8 122.6#

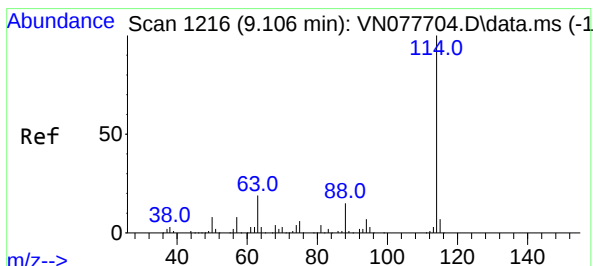
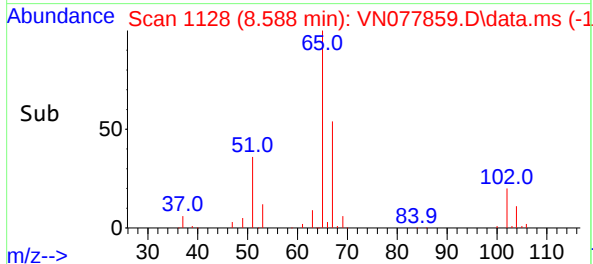
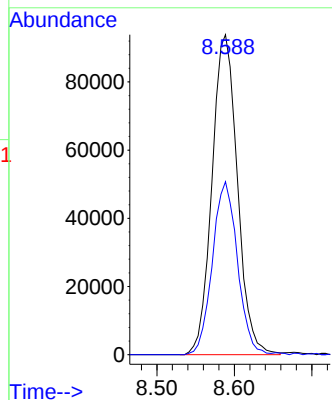
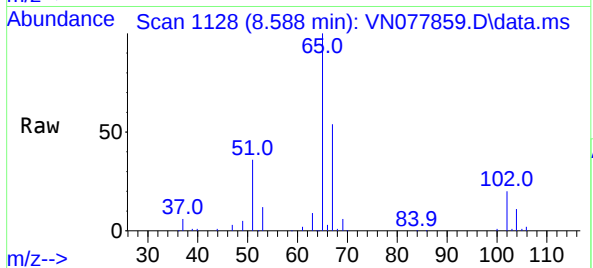




#33
1,2-Dichloroethane-d4
Concen: 45.476 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

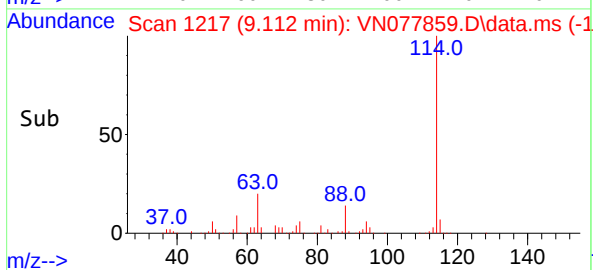
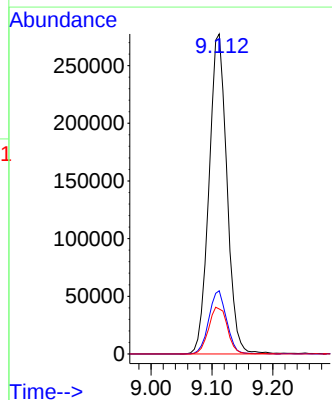
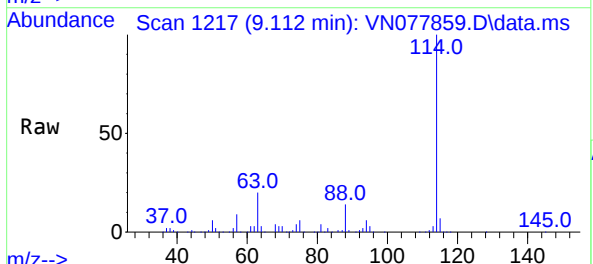
Instrument :
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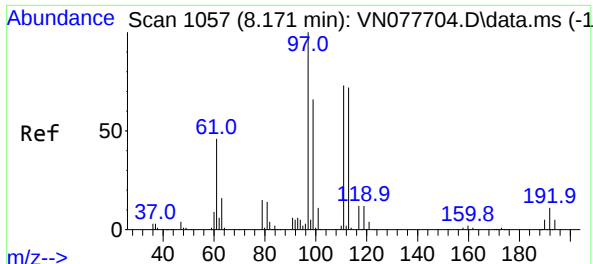
Tgt Ion: 65 Resp: 213784
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 114 Resp: 567633
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 14.1 0.0 30.6

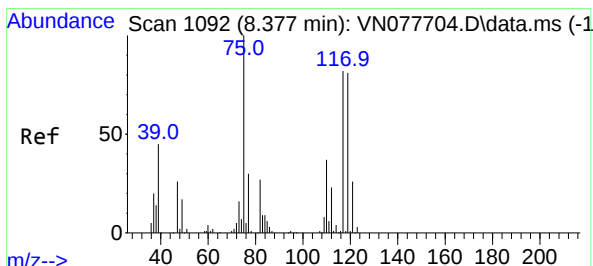
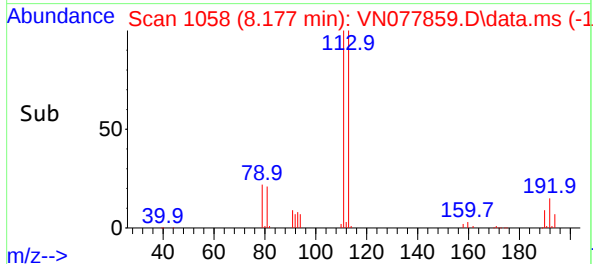
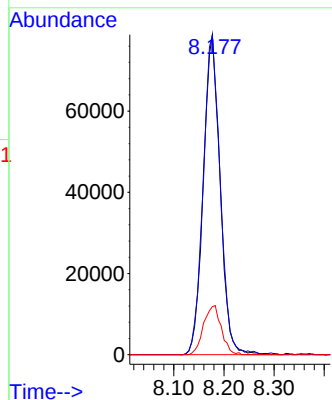
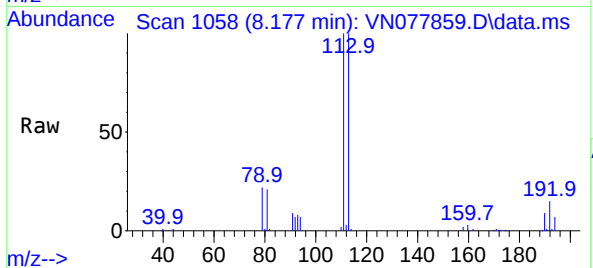




#35
Dibromofluoromethane
Concen: 49.476 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

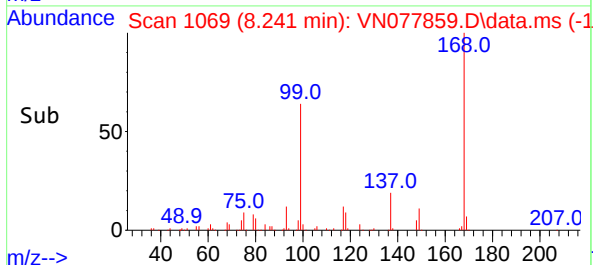
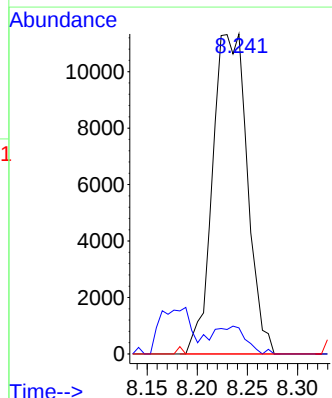
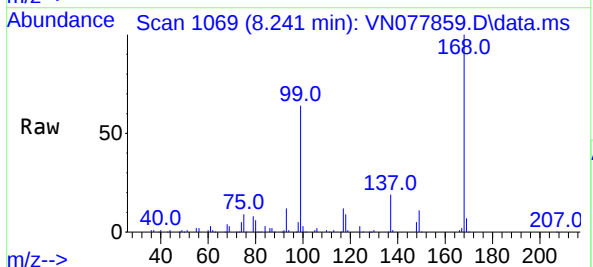
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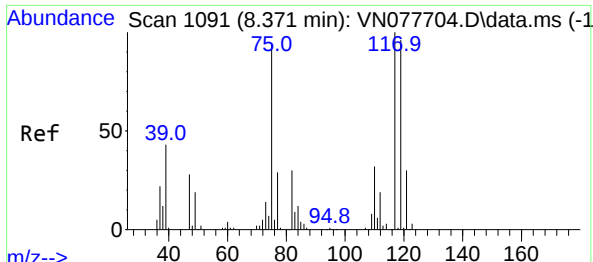
Tgt Ion:113 Resp: 183134
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

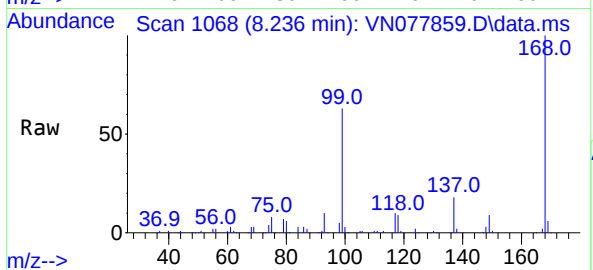
Tgt Ion: 75 Resp: 27157
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 25.0 37.4#



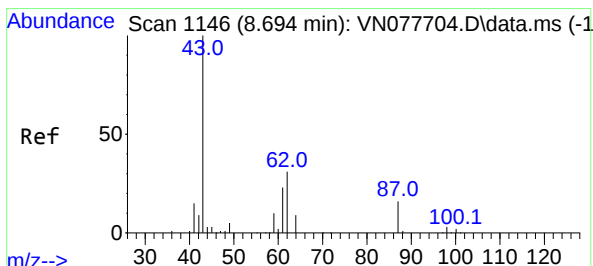
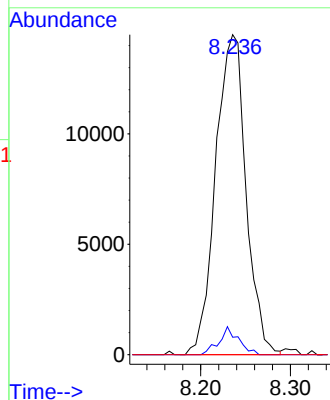
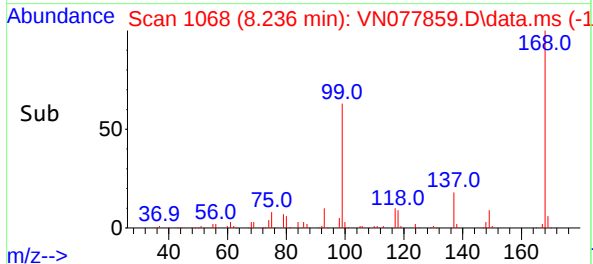


#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

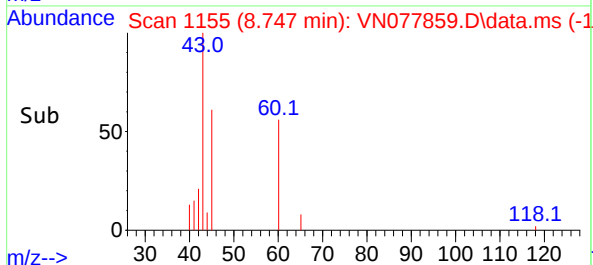
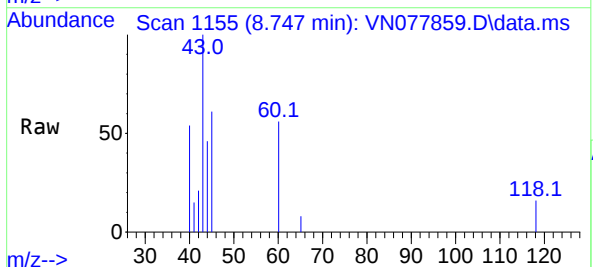


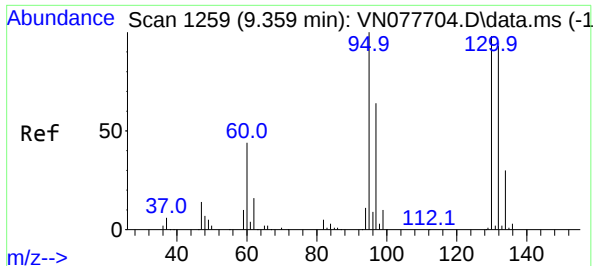
Tgt Ion:117 Resp: 34052
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.436 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.053 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 43 Resp: 3433
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

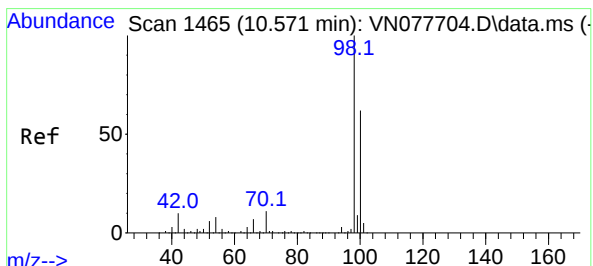
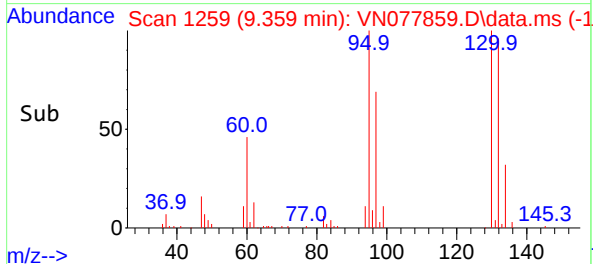
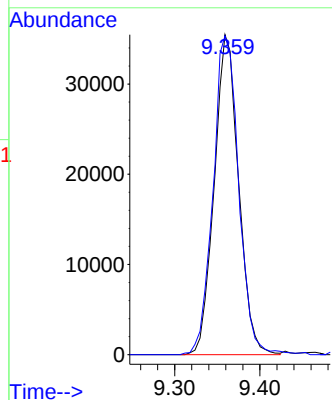
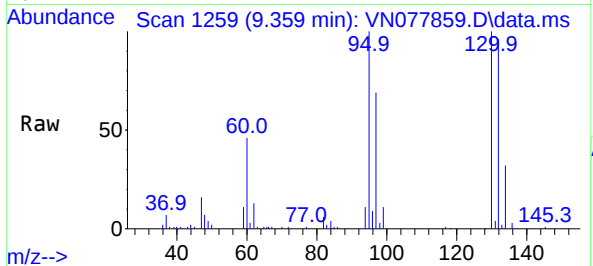




#44
Trichloroethene
Concen: 17.386 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

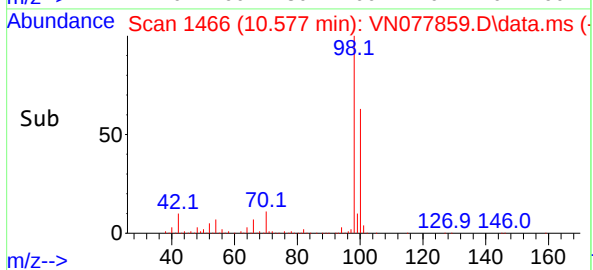
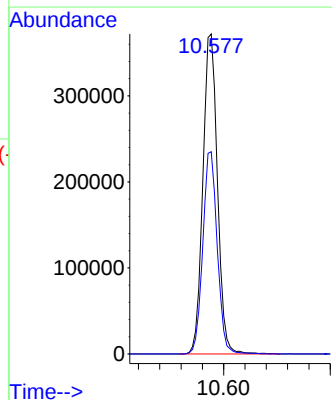
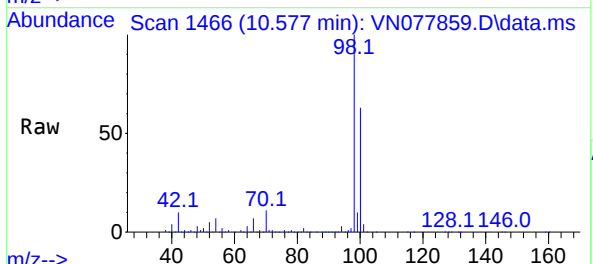
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

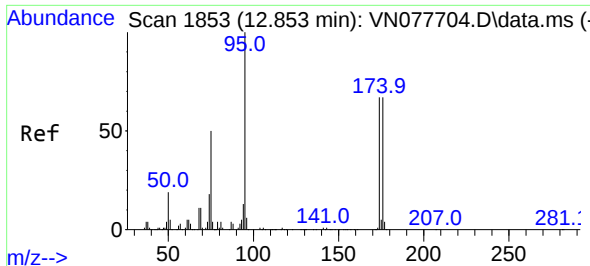
Tgt Ion:130 Resp: 70333
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.6



#50
Toluene-d8
Concen: 49.464 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 98 Resp: 704728
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

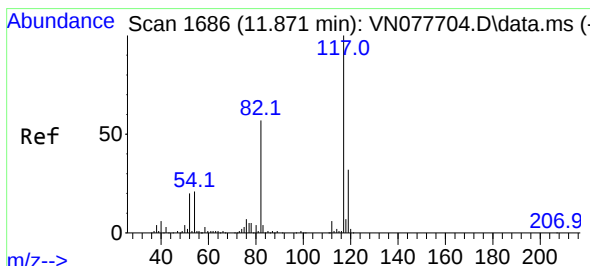
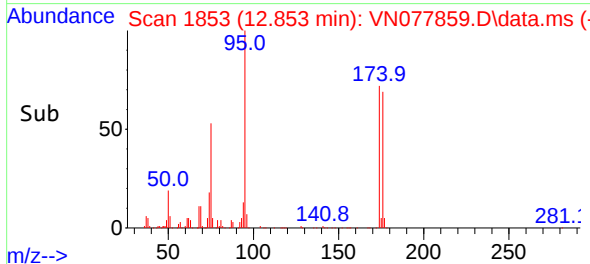
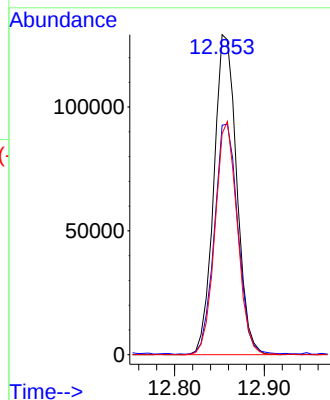
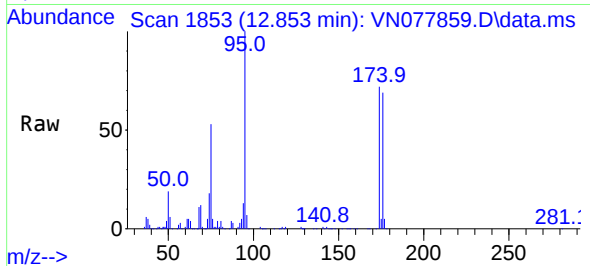




#62
4-Bromofluorobenzene
Concen: 45.449 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

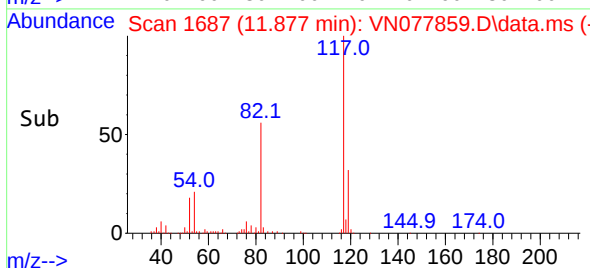
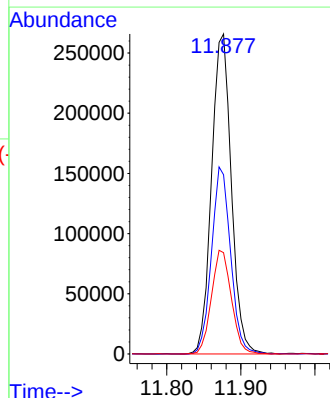
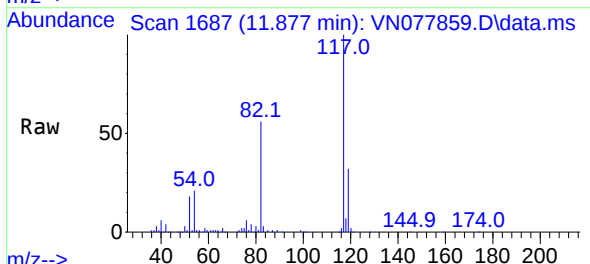
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

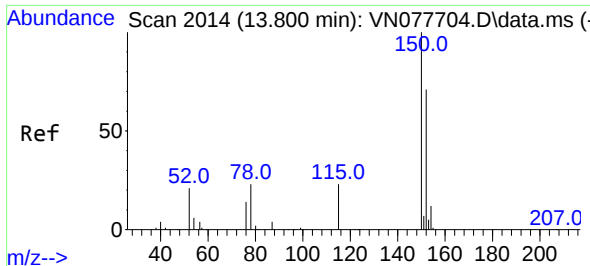
Tgt Ion: 95 Resp: 228693
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 70.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.877 min Scan# 1687
Delta R.T. 0.007 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

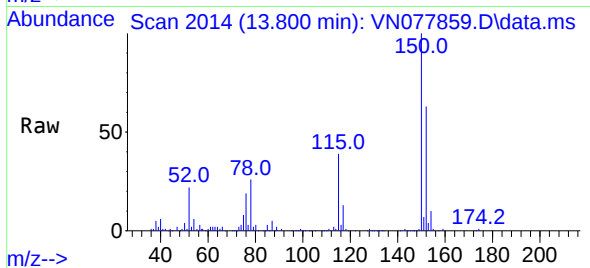
Tgt Ion: 117 Resp: 492371
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.7 25.6 38.4



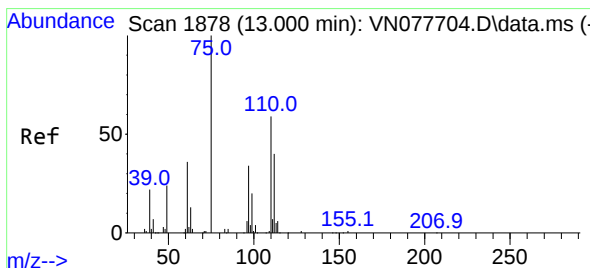
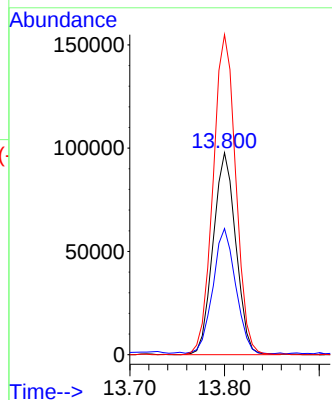
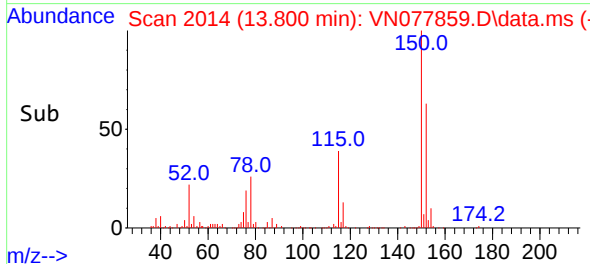


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

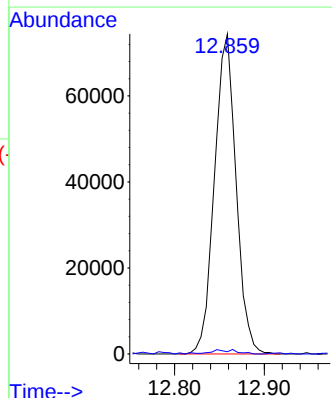
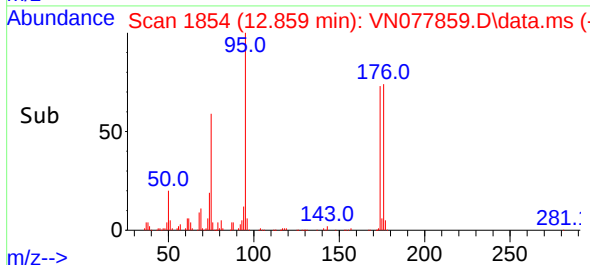
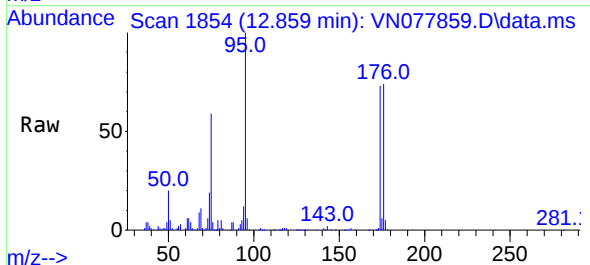


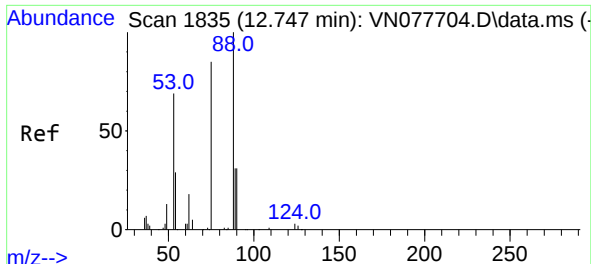
Tgt Ion:152 Resp: 162868
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 158.8 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 30.458 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 75 Resp: 124230
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#

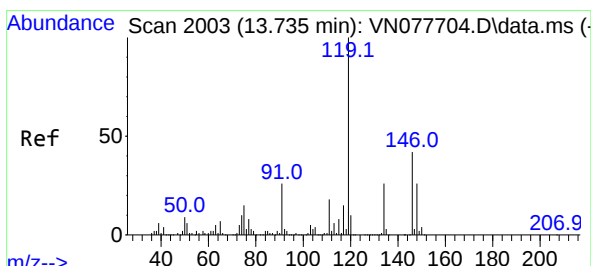
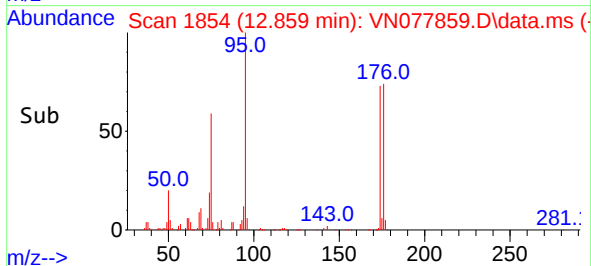
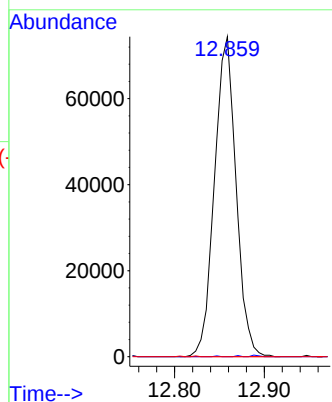
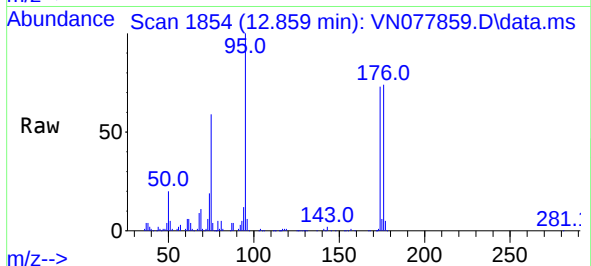




#81
trans-1,4-Dichloro-2-butene
Concen: 97.358 ug/l
RT: 12.859 min Scan# 1835
Delta R.T. 0.118 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 124230
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#86
p-Isopropyltoluene
Concen: 0.202 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN077859.D
Acq: 24 May 2023 17:55

Tgt Ion: 119 Resp: 2355
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.8#
91 0.0 12.4 37.2#

