

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077937.D
 Acq On : 26 May 2023 19:05
 Operator : JC\MD
 Sample : 02881-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGRE

Quant Time: May 29 00:32:52 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)

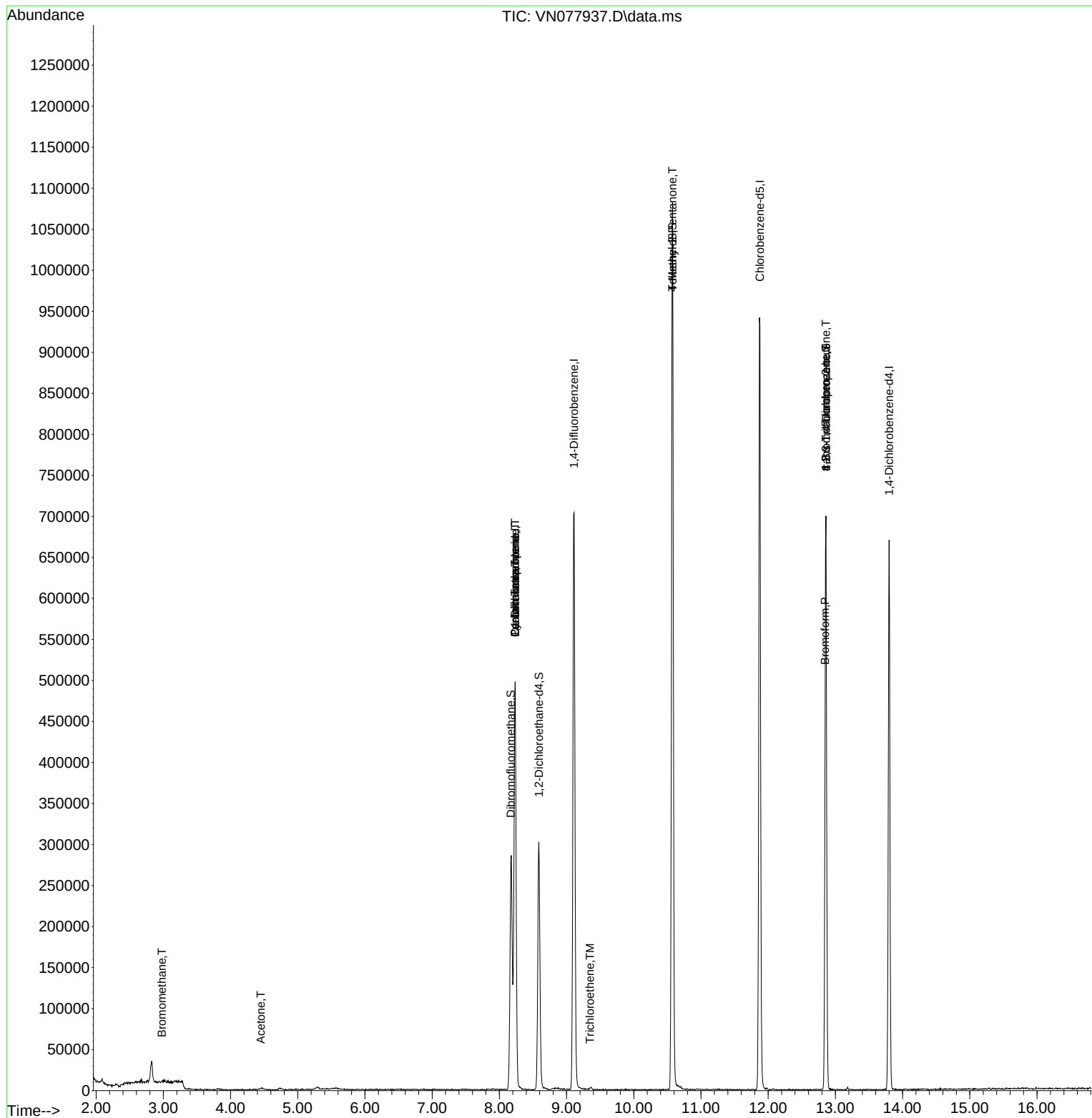
Internal Standards						
1) Pentafluorobenzene	8.235	168	356589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	631027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	567546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	176498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	245982	46.103	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.200%		
35) Dibromofluoromethane	8.171	113	206960	50.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.600%		
50) Toluene-d8	10.576	98	789956	49.876	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.859	95	253322	45.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.580%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1382	Below Cal	#	79
5) Bromomethane	2.977	94	1136	0.300	ug/l #	79
13) Acrolein	4.194	56	180	Below Cal	#	16
16) Acetone	4.447	43	1511	0.900	ug/l #	44
20) Methylene Chloride	5.283	84	2330	Below Cal	#	79
31) Cyclohexane	8.235	56	7389	1.019	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	29869	4.963	ug/l #	49
38) Carbon Tetrachloride	8.235	117	38812	6.386	ug/l #	15
44) Trichloroethene	9.347	130	1182	0.263	ug/l	33
51) 4-Methyl-2-Pentanone	10.576	43	3744	0.719	ug/l #	1
71) Bromoform	12.847	173	789	0.279	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	135809	30.725	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	135809	98.213	ug/l #	15

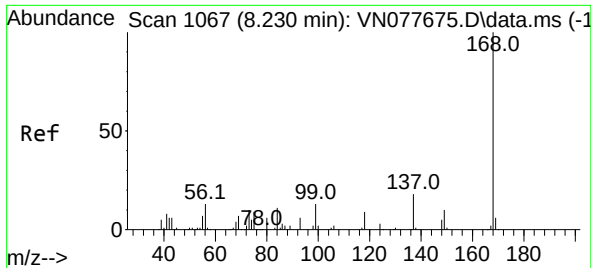
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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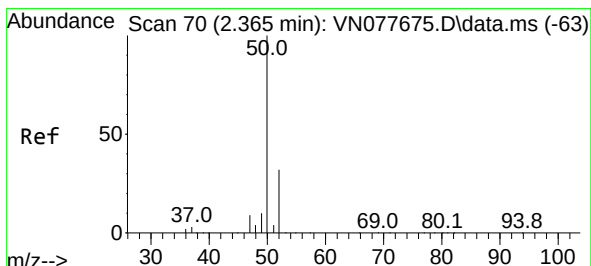
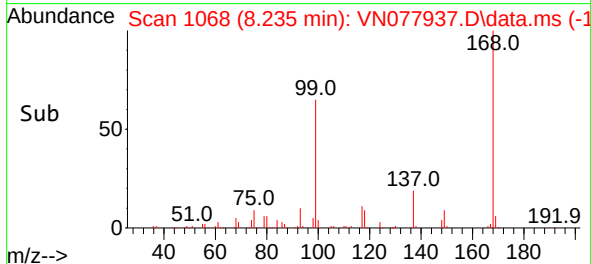
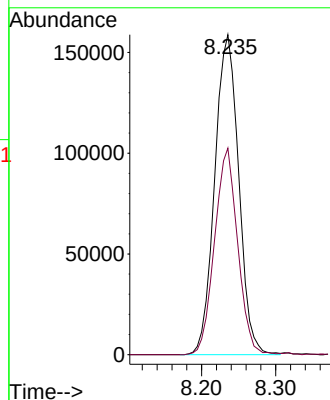
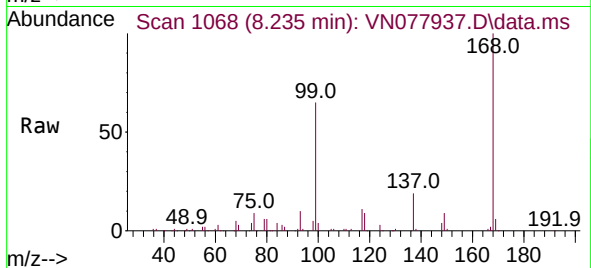




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

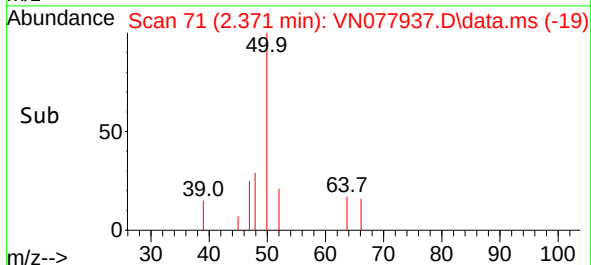
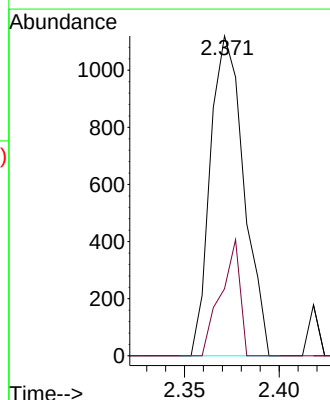
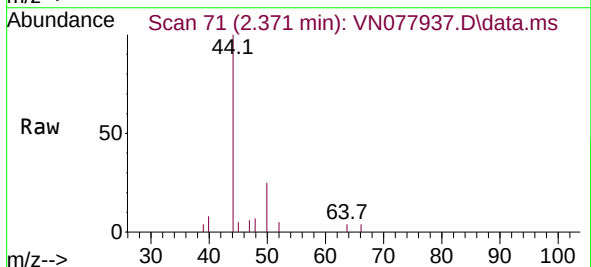
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MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGRE

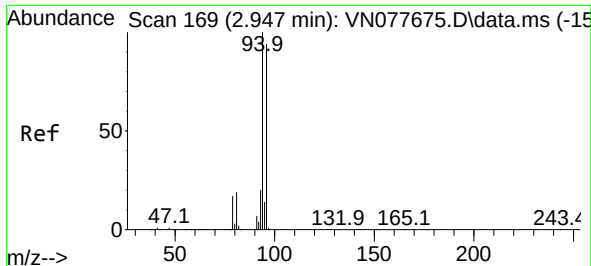
Tgt Ion:168 Resp: 356589
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Tgt Ion: 50 Resp: 1382
Ion Ratio Lower Upper
50 100
52 21.0 26.5 39.7#

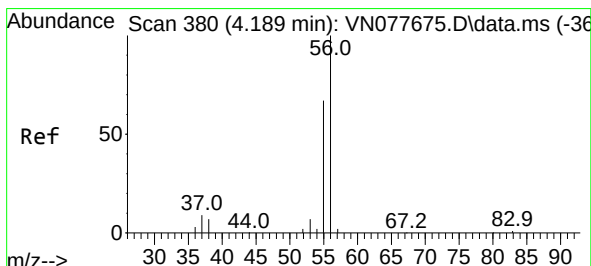
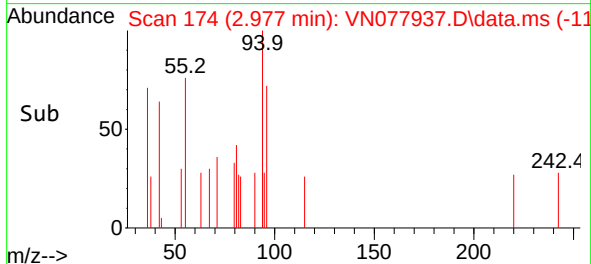
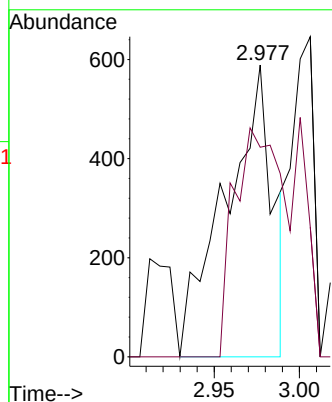
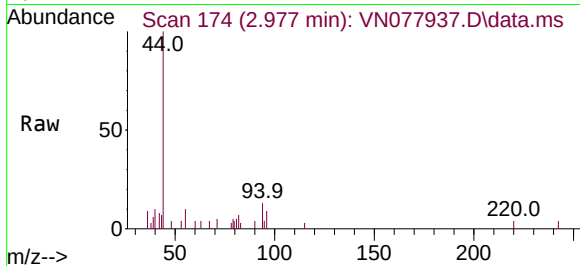




#5
Bromomethane
Concen: 0.300 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

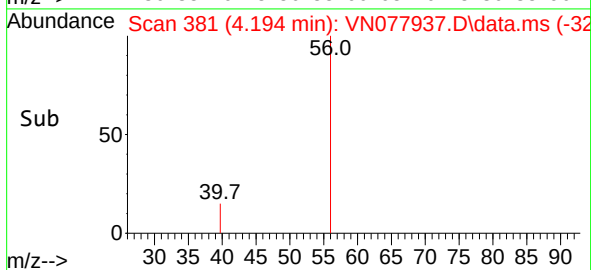
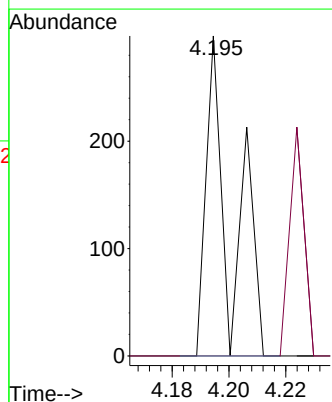
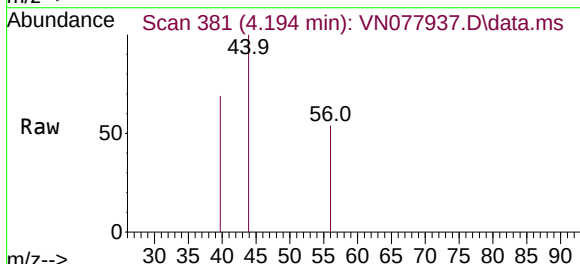
Instrument :
MSVOA_N
ClientSampleId :
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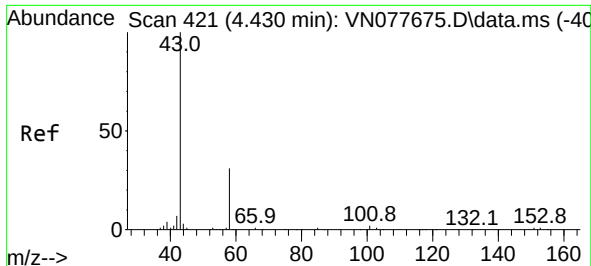
Tgt Ion: 94 Resp: 1136
Ion Ratio Lower Upper
94 100
96 71.8 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

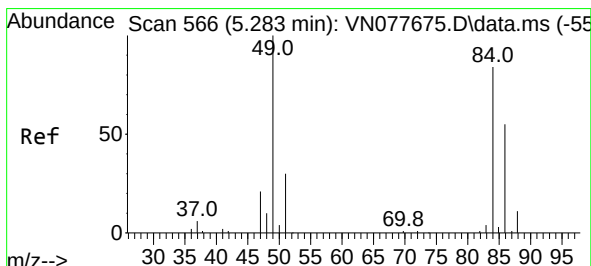
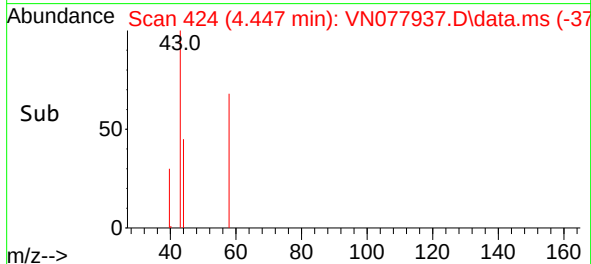
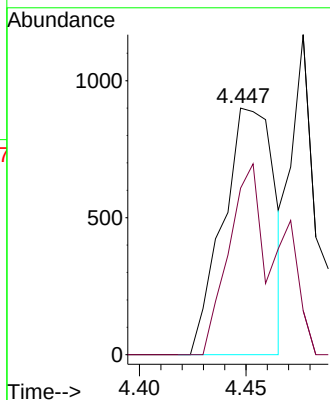
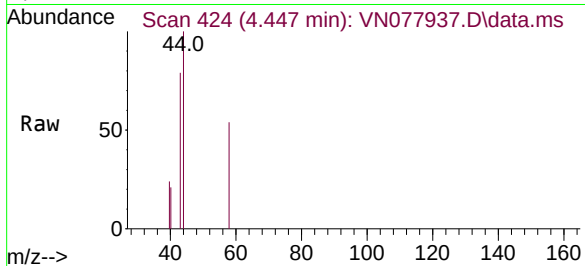




#16
Acetone
Concen: 0.900 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

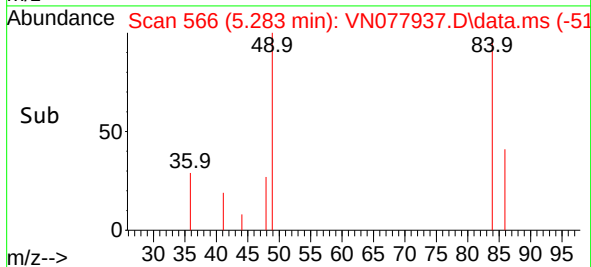
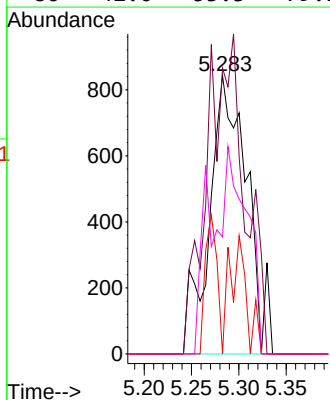
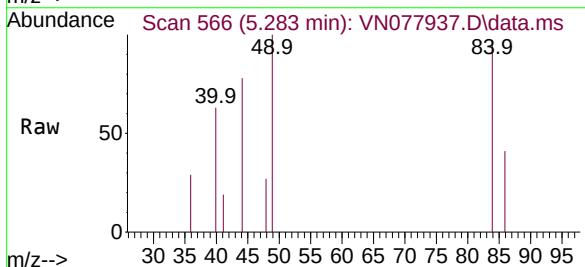
Instrument :
MSVOA_N
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STORAGE-BLANK-SAMPLE-MANAGRE

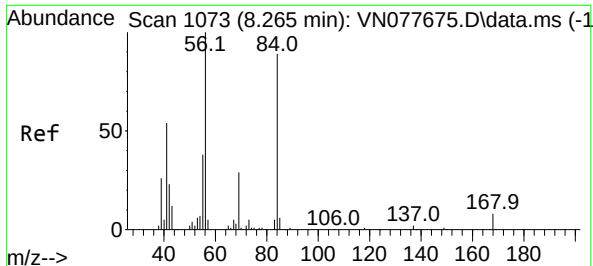
Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
58 67.6 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

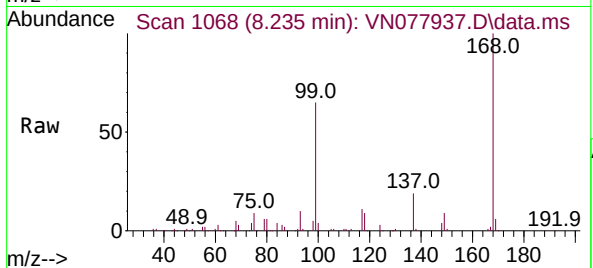
Tgt Ion: 84 Resp: 2330
Ion Ratio Lower Upper
84 100
49 102.7 79.7 119.5
51 0.0 25.2 37.8#
86 42.0 53.3 79.9#



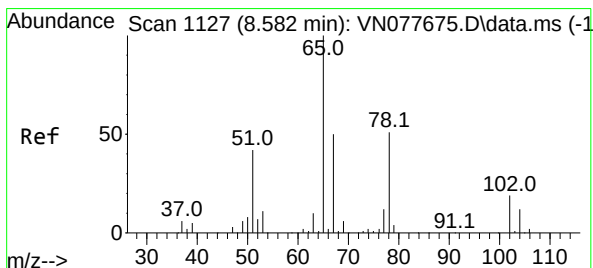
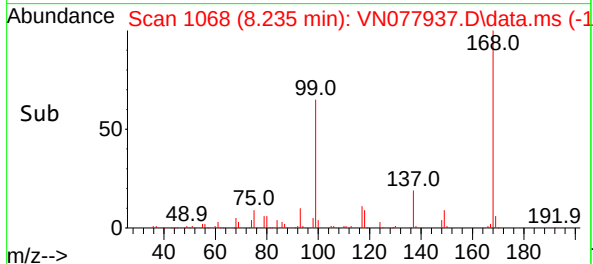
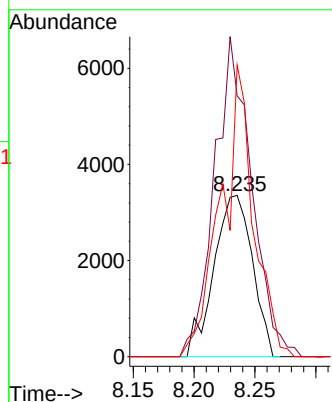


#31
Cyclohexane
Concen: 1.019 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGRE

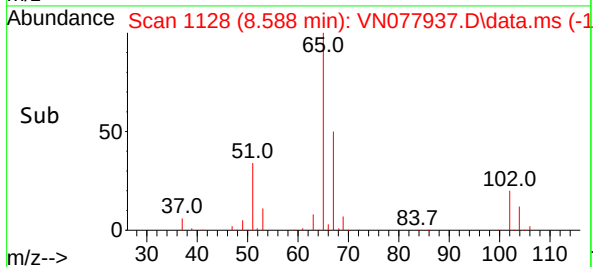
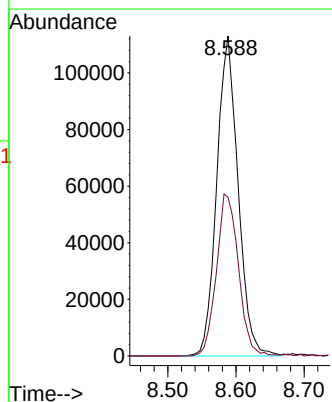
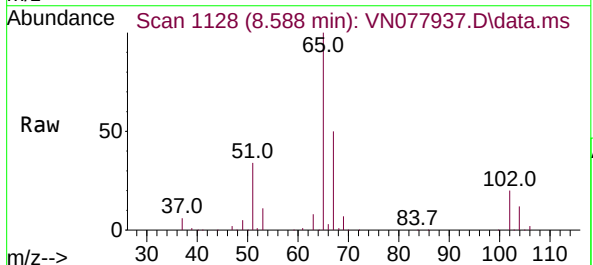


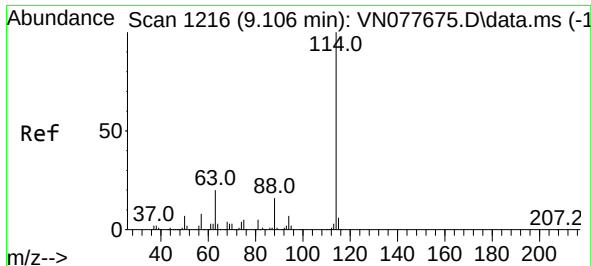
Tgt Ion: 56 Resp: 7389
Ion Ratio Lower Upper
56 100
69 161.7 26.8 40.2#
84 180.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.103 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Tgt Ion: 65 Resp: 245982
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

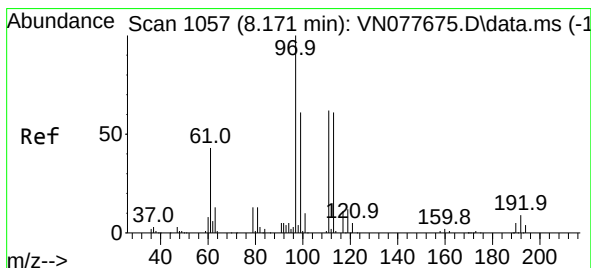
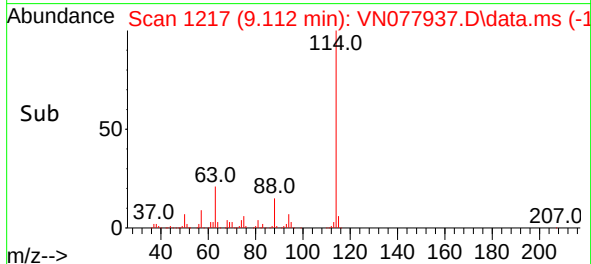
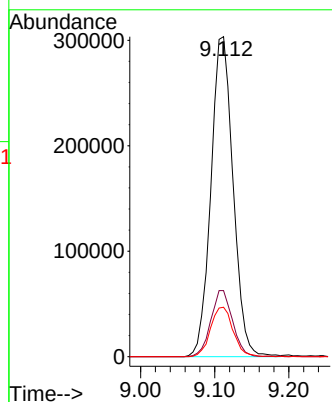
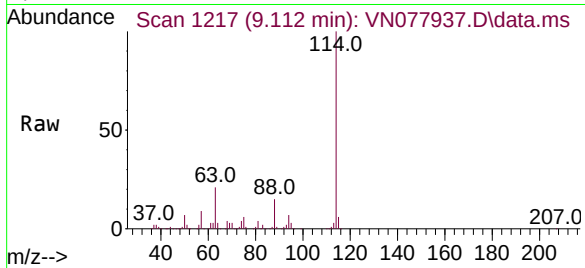




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

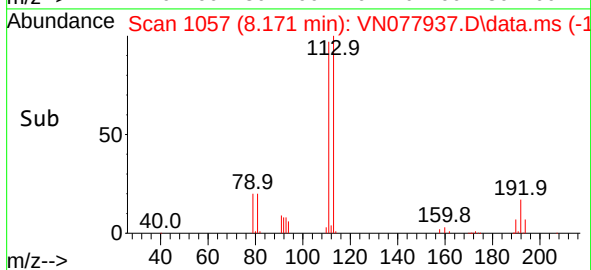
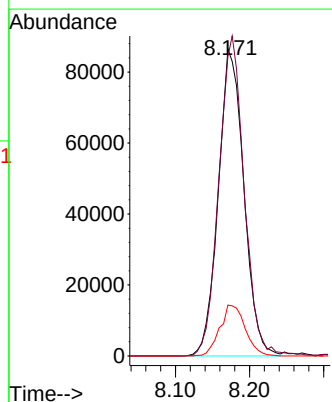
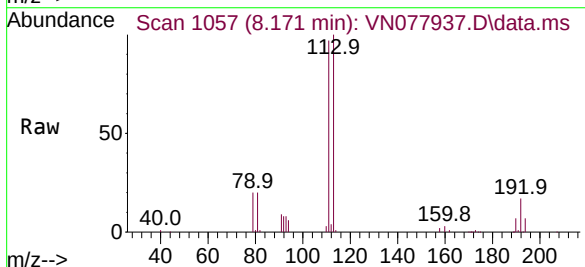
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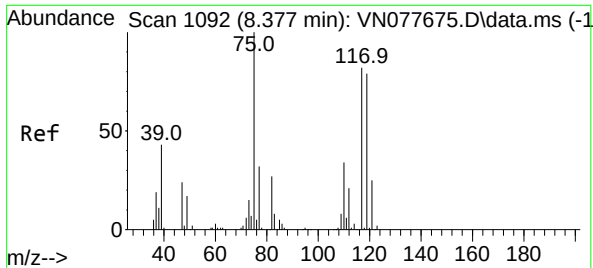
Tgt Ion:114 Resp: 631027
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.296 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Tgt Ion:113 Resp: 206960
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 16.5 12.7 19.1

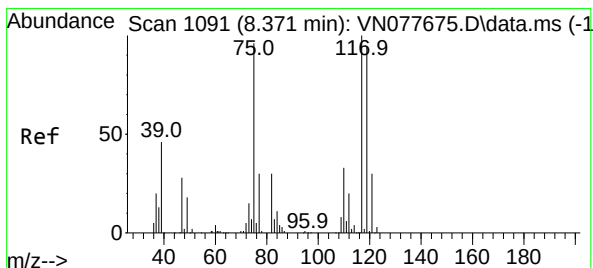
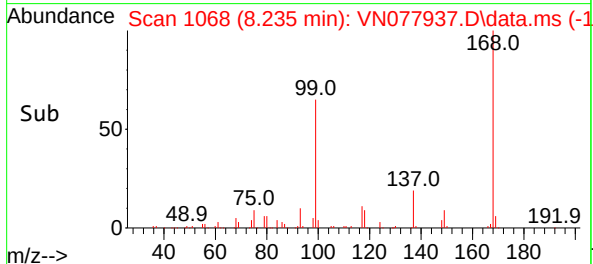
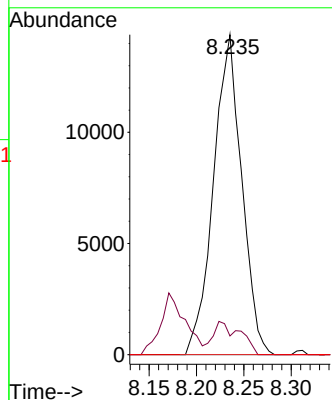
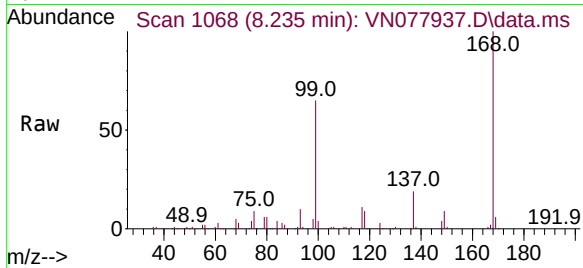




#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

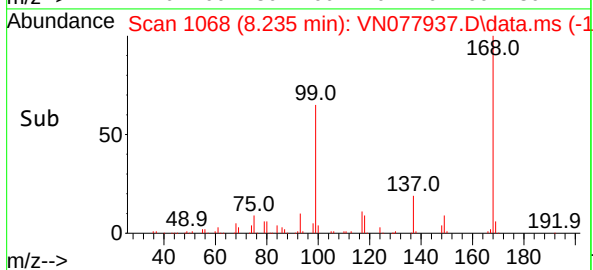
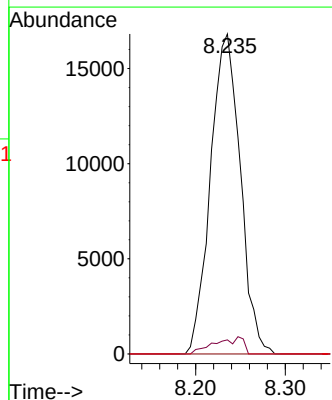
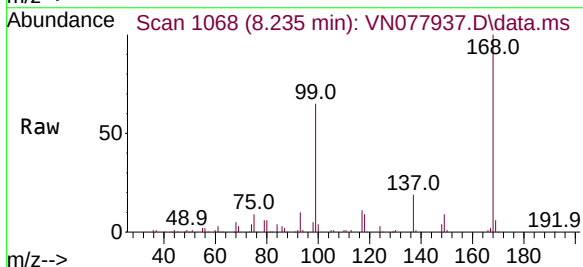
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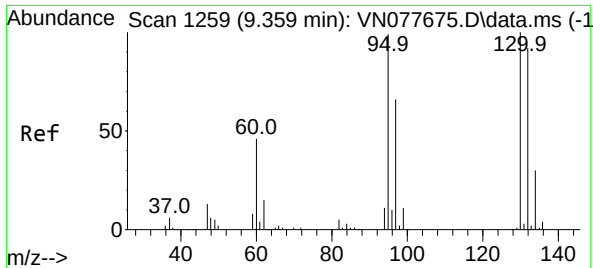
Tgt Ion: 75 Resp: 29869
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Tgt Ion: 117 Resp: 38812
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 23.3 34.9#





#44

Trichloroethene

Concen: 0.263 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN077937.D

Acq: 26 May 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

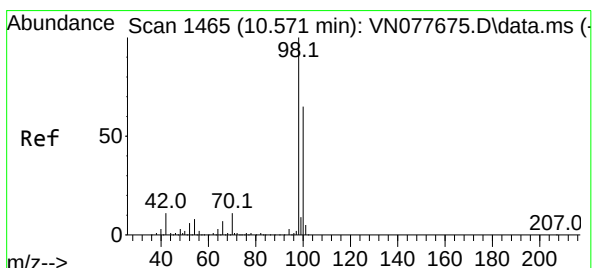
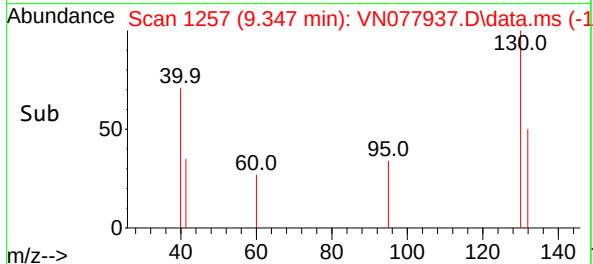
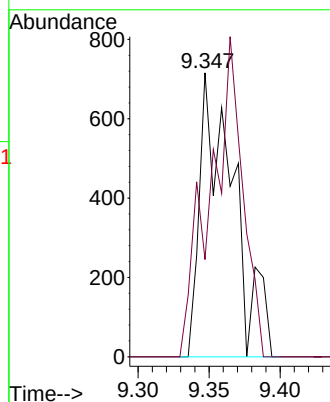
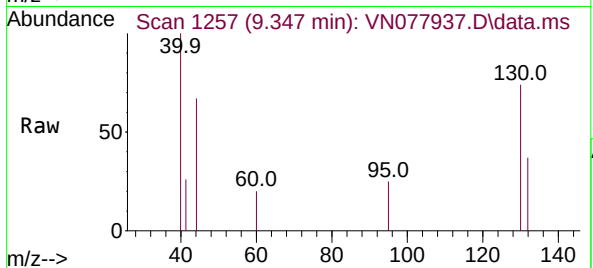
STORAGE-BLANK-SAMPLE-MANAGRE

Tgt Ion:130 Resp: 1182

Ion Ratio Lower Upper

130 100

95 34.2 0.0 204.6



#50

Toluene-d8

Concen: 49.876 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077937.D

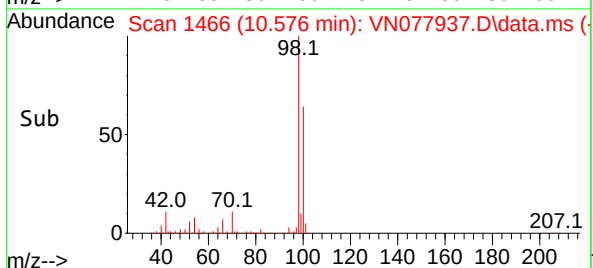
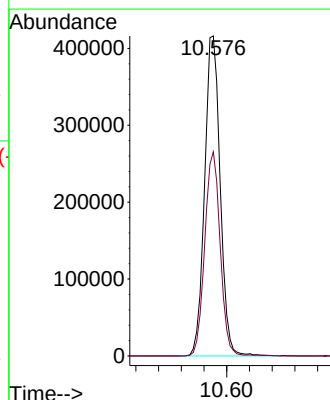
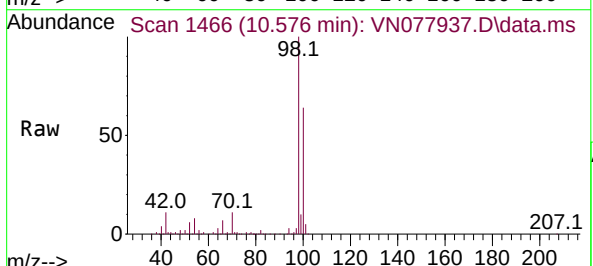
Acq: 26 May 2023 19:05

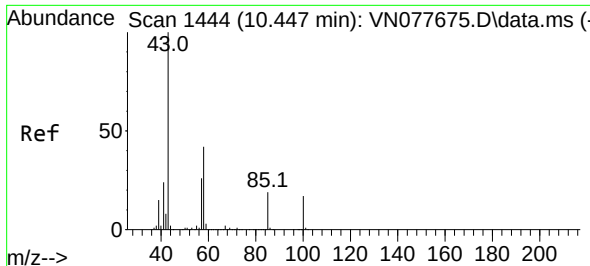
Tgt Ion: 98 Resp: 789956

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

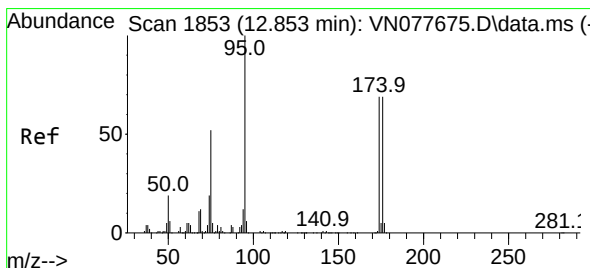
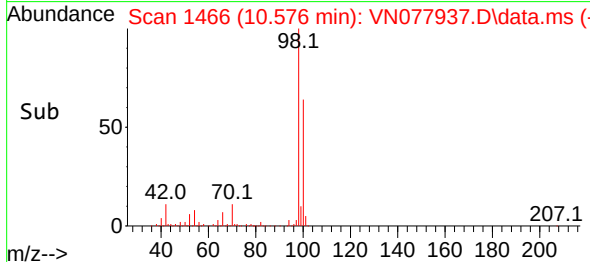
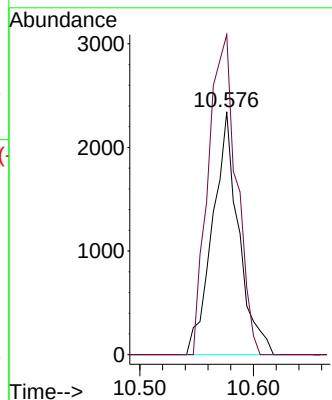
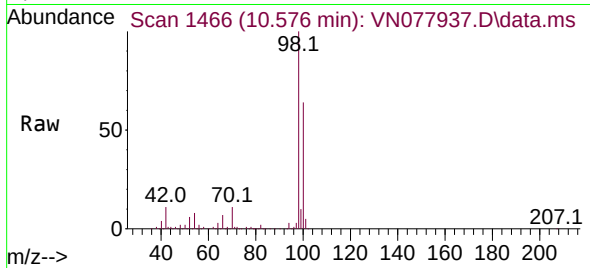




#51
4-Methyl-2-Pentanone
Concen: 0.719 ug/l
RT: 10.576 min Scan# 1444
Delta R.T. 0.129 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

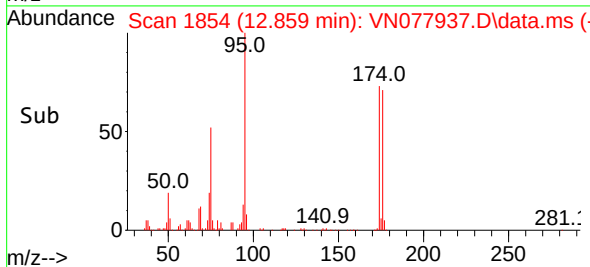
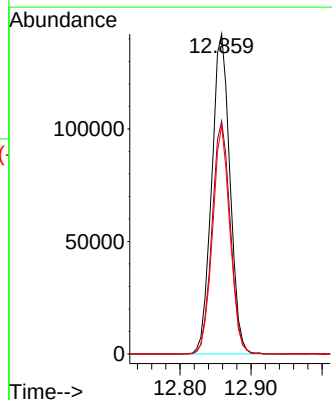
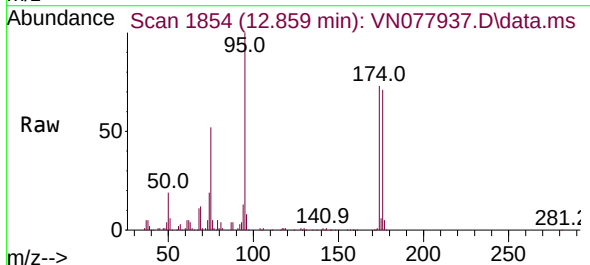
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGRE

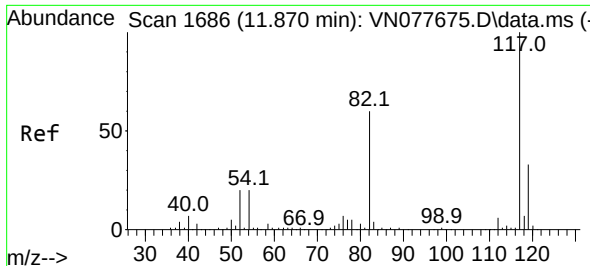
Tgt Ion: 43 Resp: 3744
Ion Ratio Lower Upper
43 100
58 142.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 45.286 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Tgt Ion: 95 Resp: 253322
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 68.0 0.0 135.8

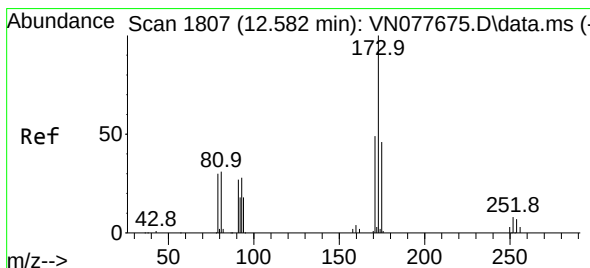
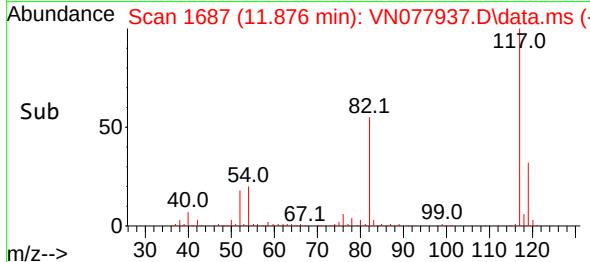
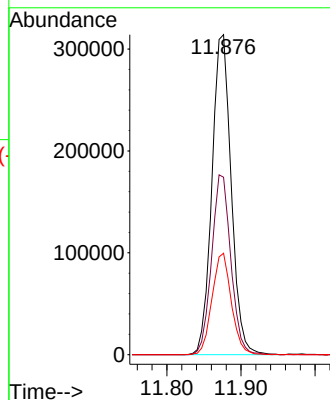
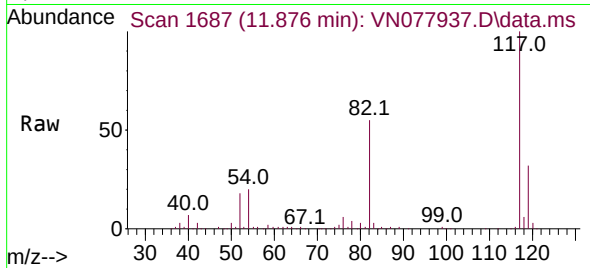




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

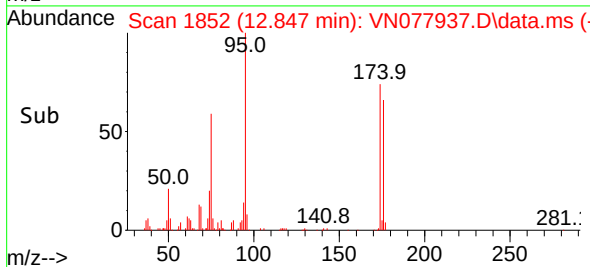
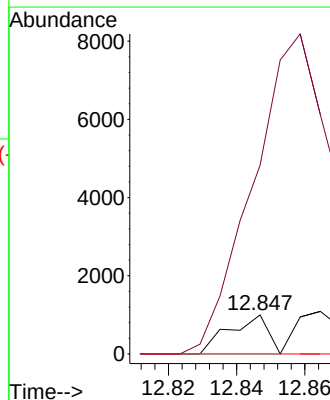
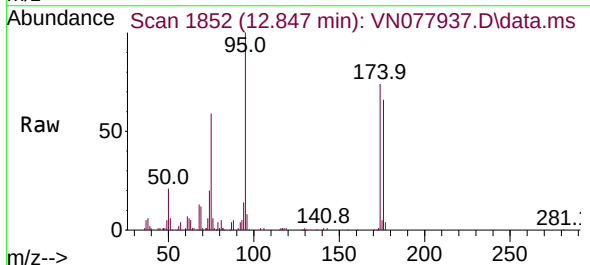
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGRE

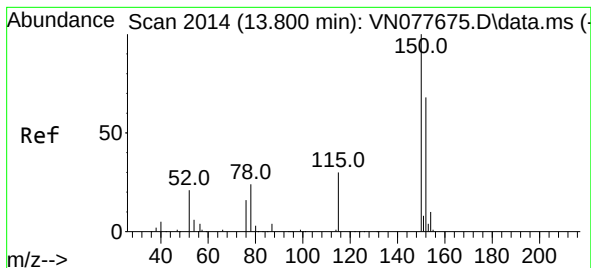
Tgt Ion:117 Resp: 567546
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.7 25.6 38.4



#71
Bromoform
Concen: 0.279 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN077937.D
Acq: 26 May 2023 19:05

Tgt Ion:173 Resp: 789
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# 2014

Delta R.T. -0.000 min

Lab File: VN077937.D

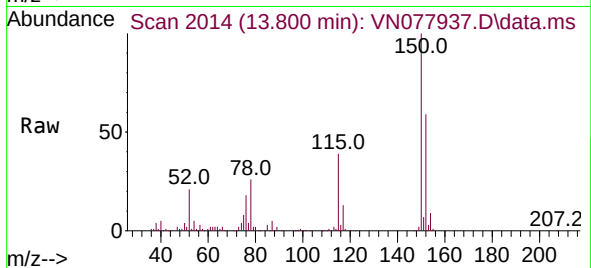
Acq: 26 May 2023 19:05

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGRE



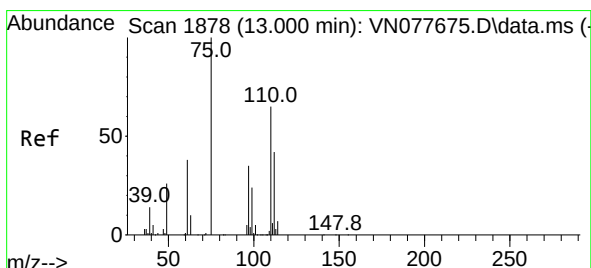
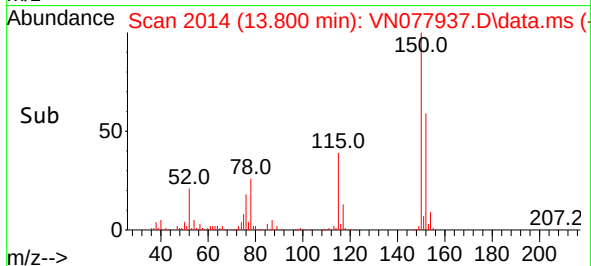
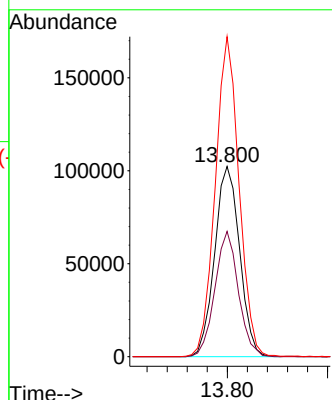
Tgt Ion:152 Resp: 176498

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 160.3 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 30.725 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.141 min

Lab File: VN077937.D

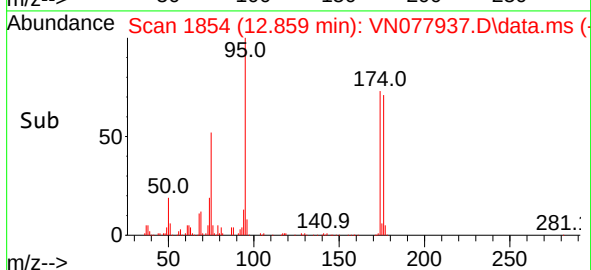
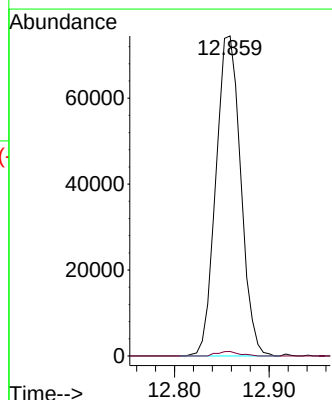
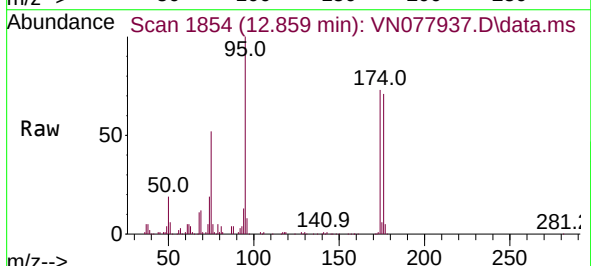
Acq: 26 May 2023 19:05

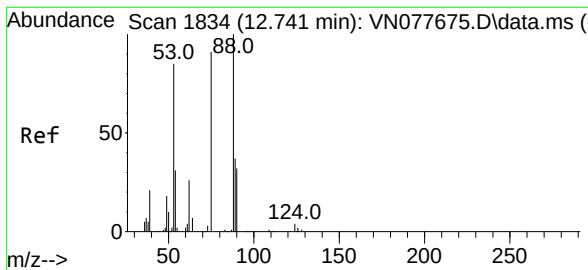
Tgt Ion: 75 Resp: 135809

Ion Ratio Lower Upper

75 100

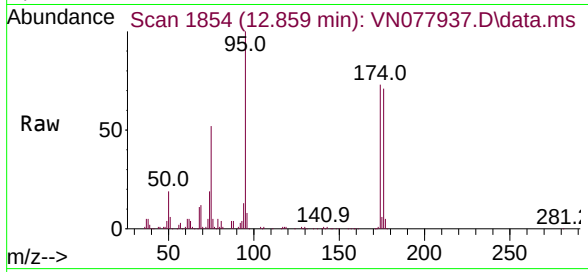
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.213 ug/l
 RT: 12.859 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN077937.D
 Acq: 26 May 2023 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGRE



Tgt Ion: 75 Resp: 135809
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.2 38.8 58.2#

