

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084937.D
 Acq On : 19 Nov 2024 11:07
 Operator : JC\MD
 Sample : VN1119WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:22:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

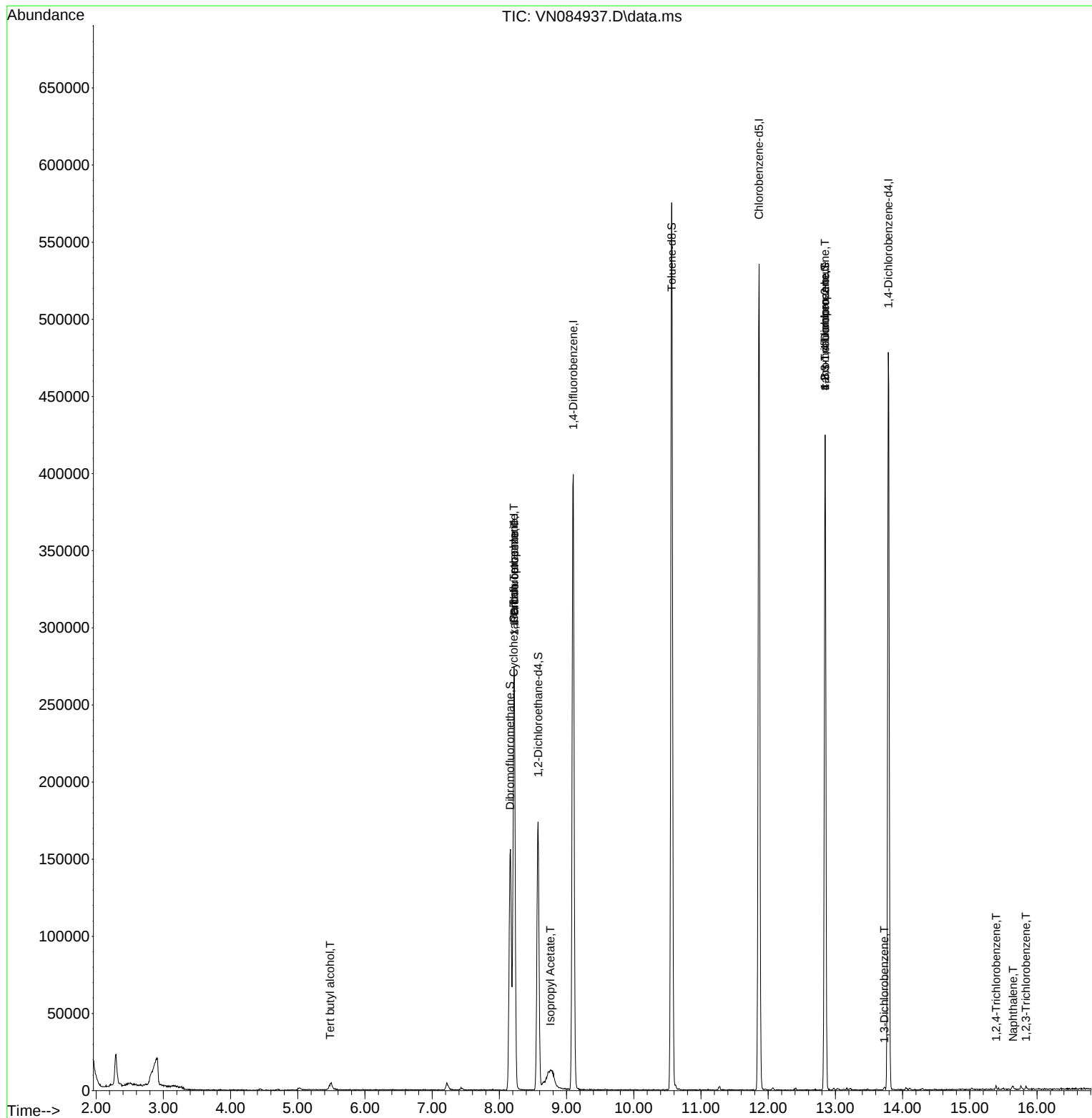
Internal Standards						
1) Pentafluorobenzene	8.218	168	193589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143523	51.330	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.660%	
35) Dibromofluoromethane	8.159	113	113721	48.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.880%	
50) Toluene-d8	10.565	98	402345	46.521	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.040%	
62) 4-Bromofluorobenzene	12.847	95	148211	45.853	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	739	Below Cal		99
6) Chloroethane	3.036	64	486	Below Cal	#	45
11) Tert butyl alcohol	5.483	59	4154	11.255	ug/l #	73
18) Methyl Acetate	5.030	43	2785	Below Cal	#	51
31) Cyclohexane	8.212	56	4488	1.163	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	16175	4.968	ug/l #	51
38) Carbon Tetrachloride	8.218	117	21286	5.849	ug/l #	15
43) Isopropyl Acetate	8.759	43	37521	6.026	ug/l #	56
76) 1,2,3-Trichloropropane	12.847	75	78032	30.443	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78032	72.222	ug/l #	11
87) 1,3-Dichlorobenzene	13.729	146	1070	0.227	ug/l	74
88) 1,4-Dichlorobenzene	13.729	146	1070	Below Cal		74
93) 1,2,4-Trichlorobenzene	15.394	180	749	0.302	ug/l	77
95) Naphthalene	15.647	128	2964	0.399	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.835	180	869	0.361	ug/l #	73

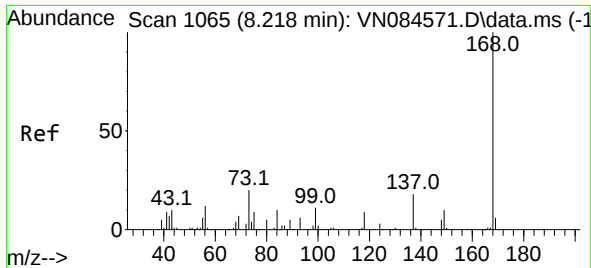
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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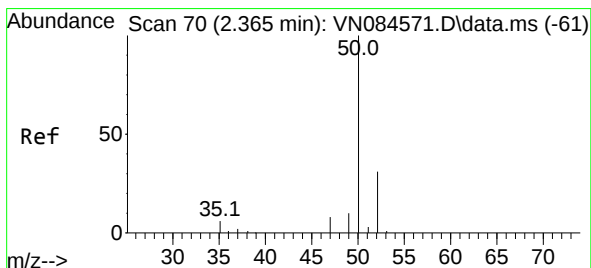
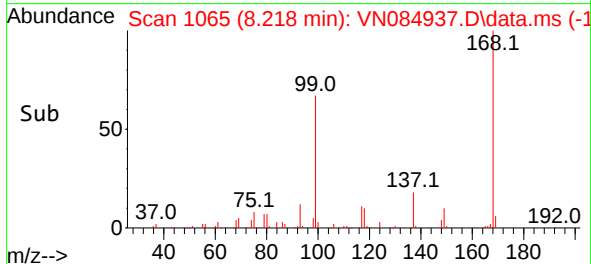
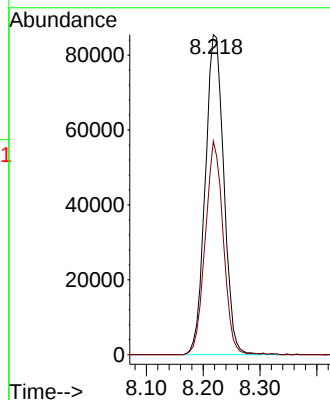
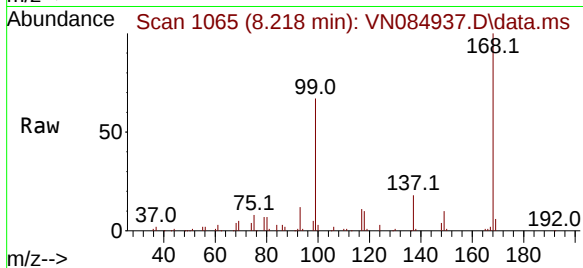




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

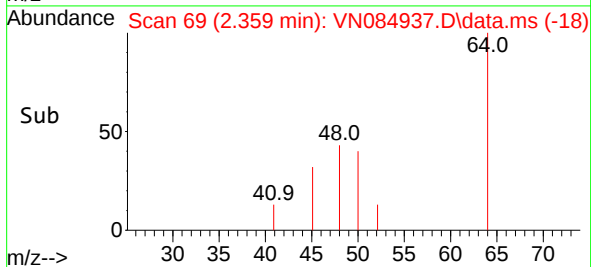
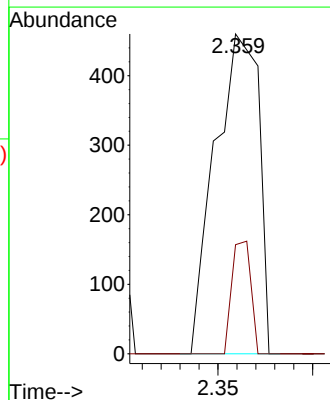
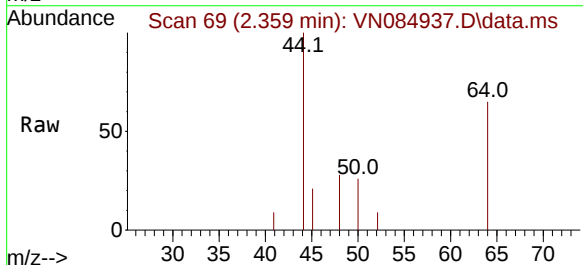
Instrument :
MSVOA_N
ClientSampleId :

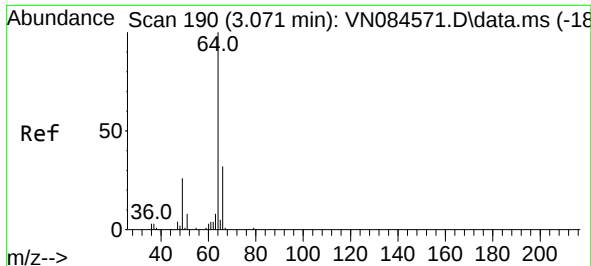
Tgt Ion:168 Resp: 193589
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

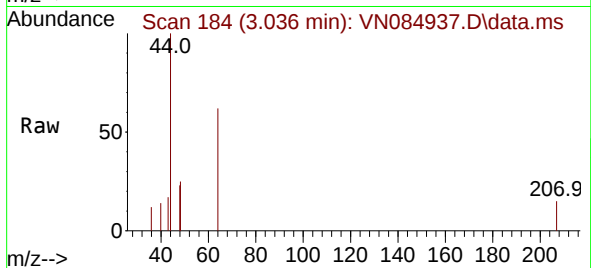
Tgt Ion: 50 Resp: 739
Ion Ratio Lower Upper
50 100
52 34.1 26.8 40.2



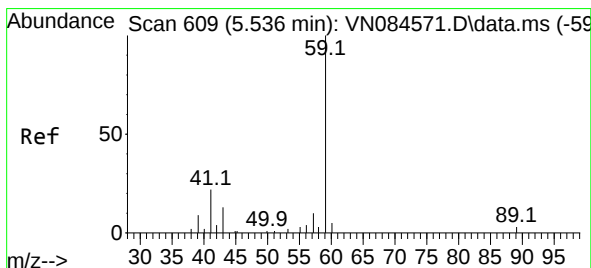
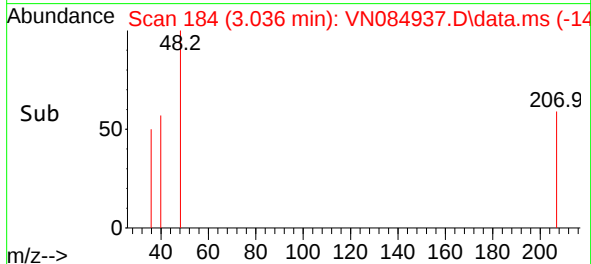
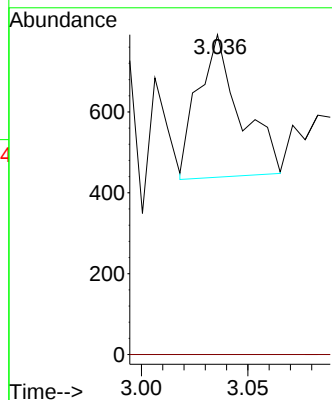


#6
Chloroethane
Concen: Below Cal
RT: 3.036 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :

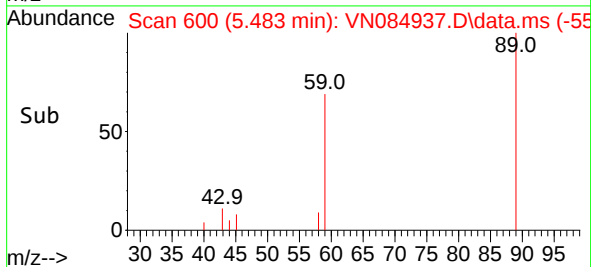
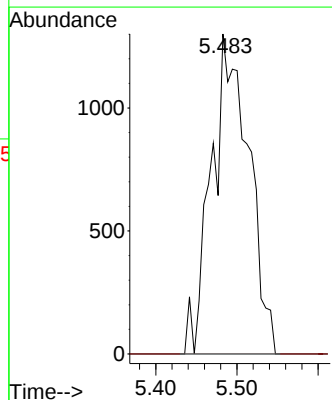
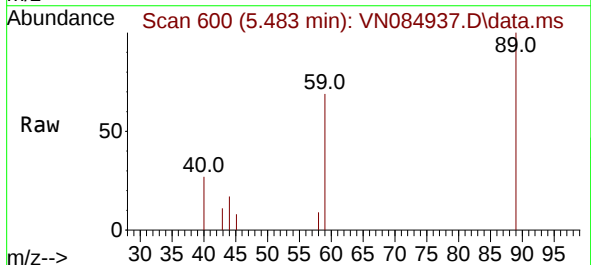


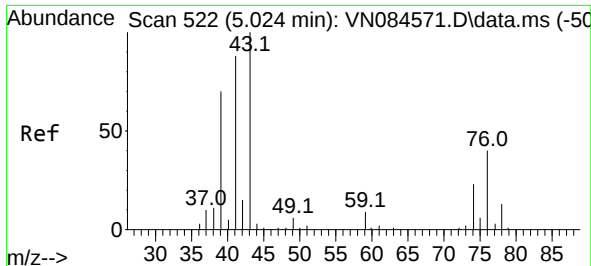
Tgt Ion: 64 Resp: 486
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 11.255 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.041 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

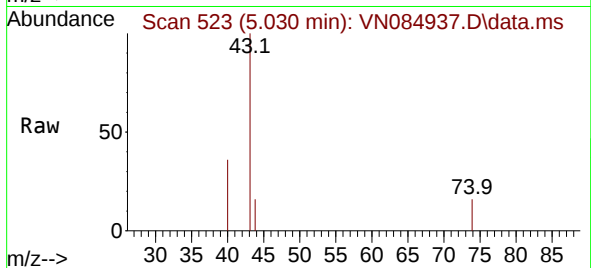
Tgt Ion: 59 Resp: 4154
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



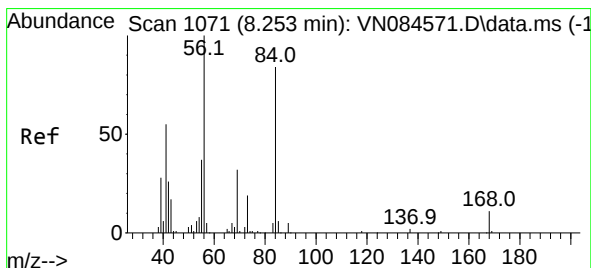
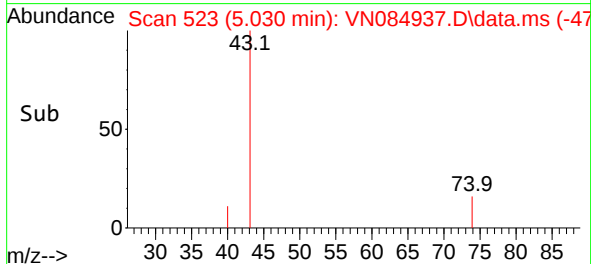
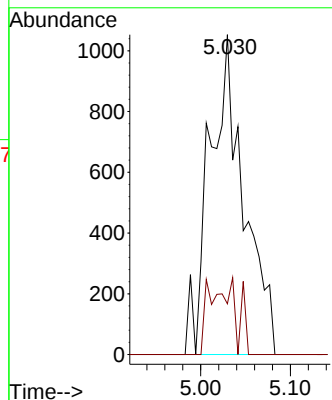


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :

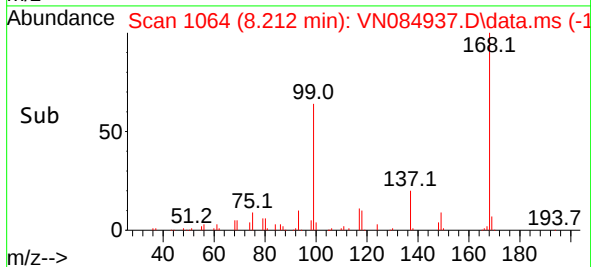
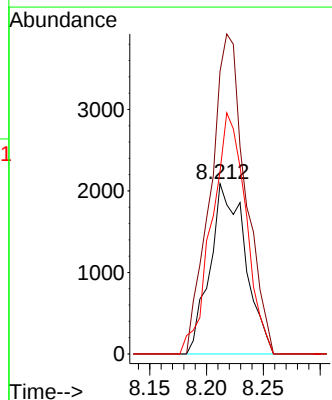
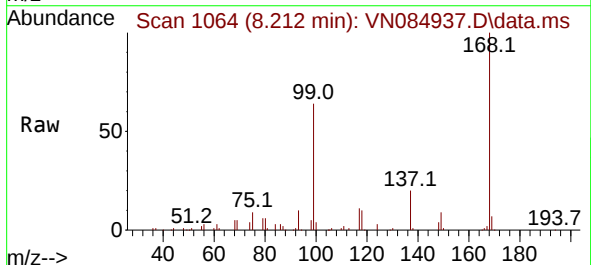


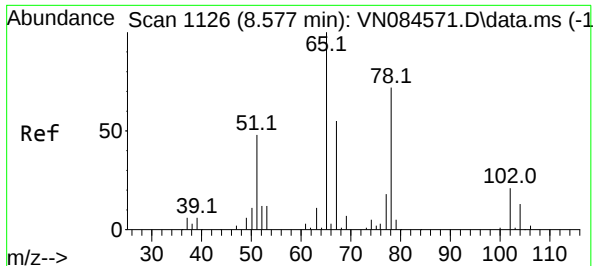
Tgt Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Tgt Ion: 56 Resp: 4488
Ion Ratio Lower Upper
56 100
69 166.1 23.8 35.6#
84 107.3 68.8 103.2#

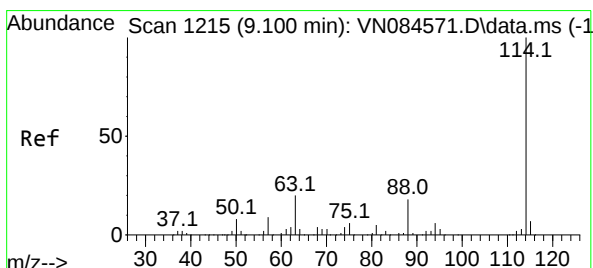
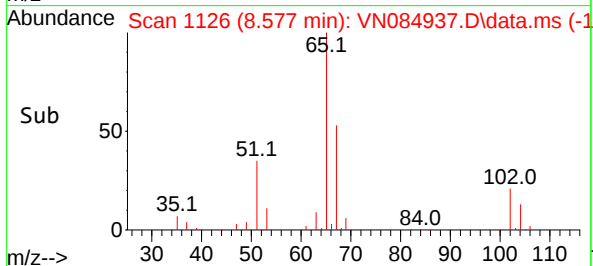
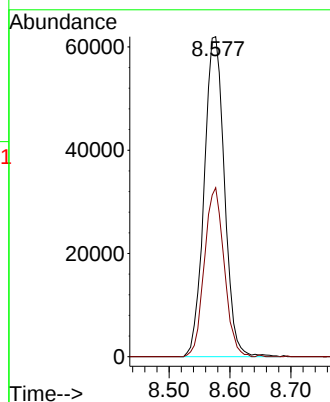
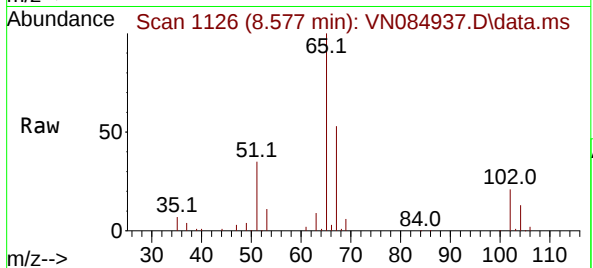




#33
1,2-Dichloroethane-d4
Concen: 51.330 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

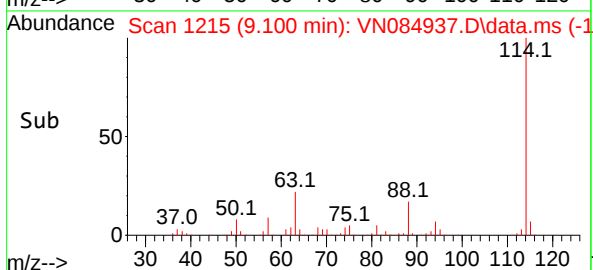
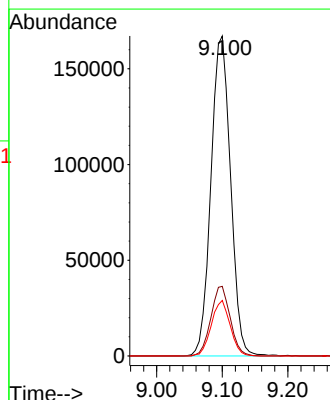
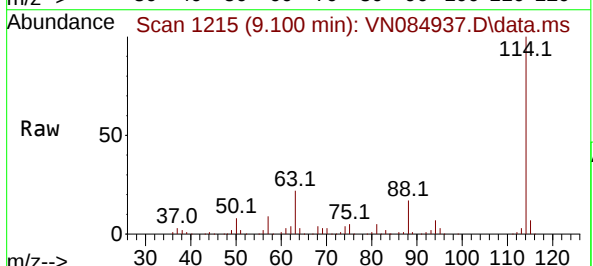
Instrument :
MSVOA_N
ClientSampleId :

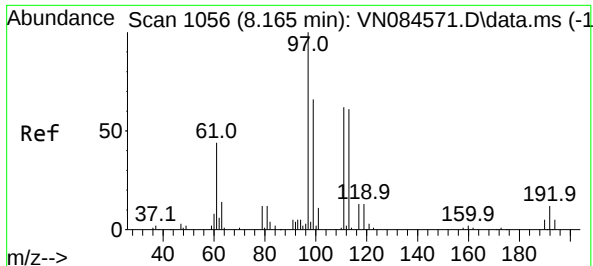
Tgt Ion: 65 Resp: 143523
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

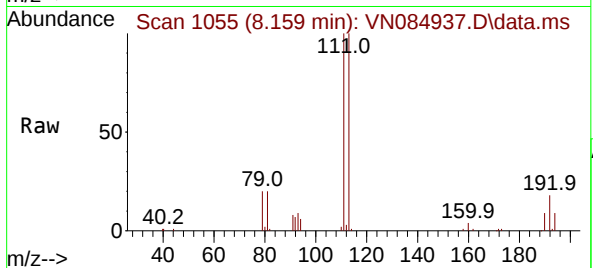
Tgt Ion:114 Resp: 346862
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.8
88 17.4 0.0 31.6



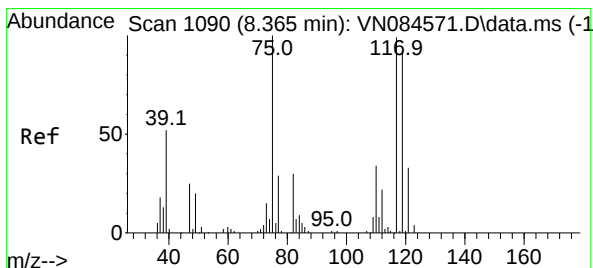
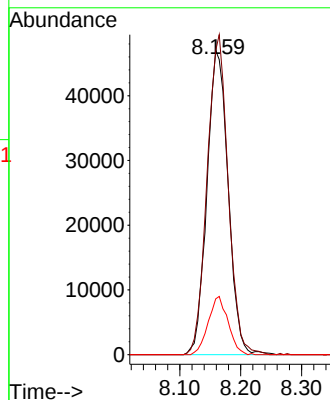
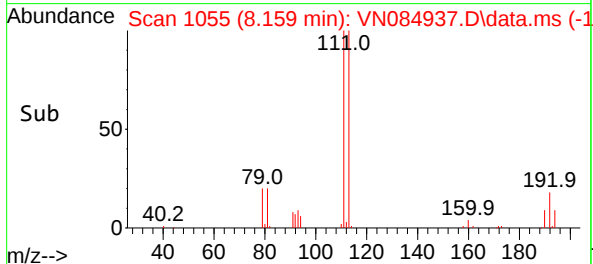


#35
Dibromofluoromethane
Concen: 48.436 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :

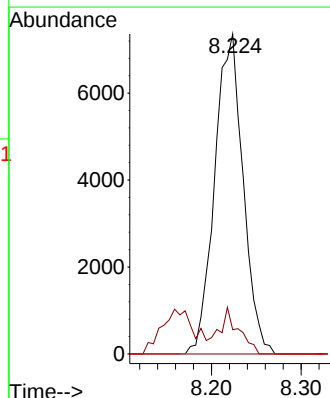
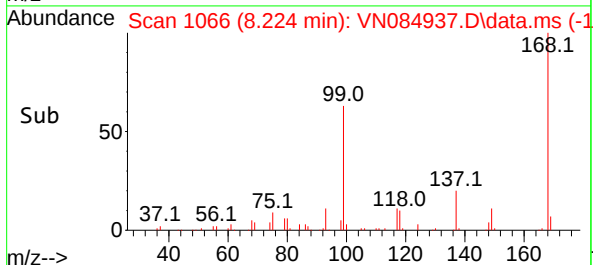
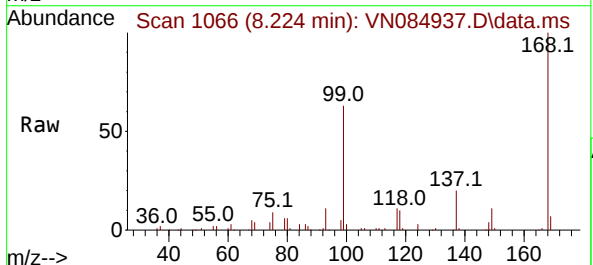


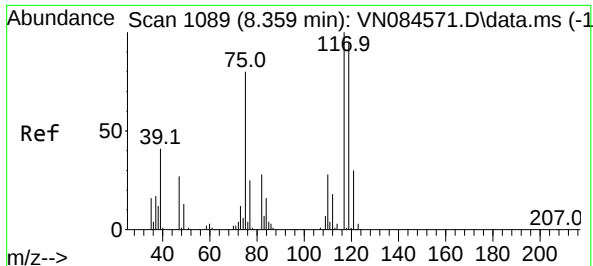
Tgt Ion:113 Resp: 113721
Ion Ratio Lower Upper
113 100
111 104.0 83.3 124.9
192 18.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

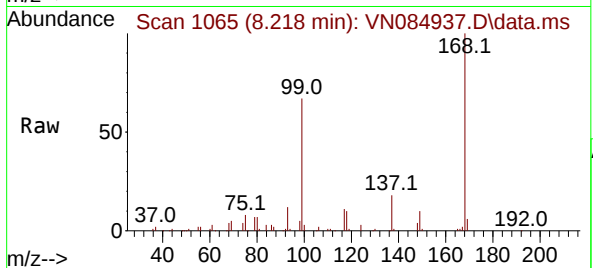
Tgt Ion: 75 Resp: 16175
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.7#
77 0.0 24.7 37.1#



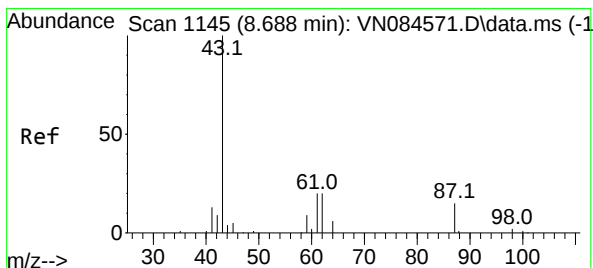
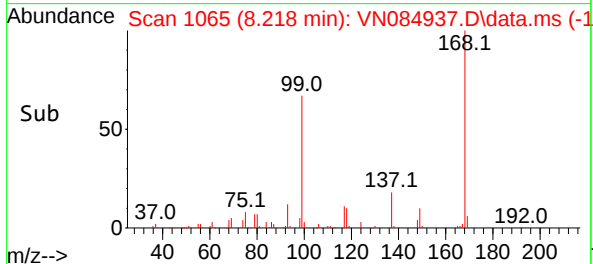
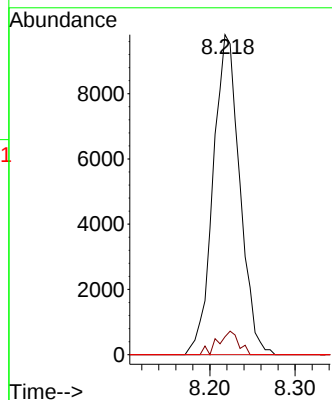


#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 8.218 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Instrument :
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ClientSampleId :

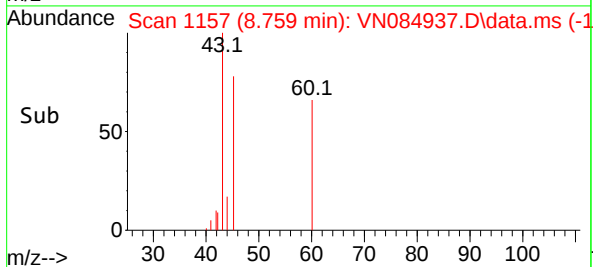
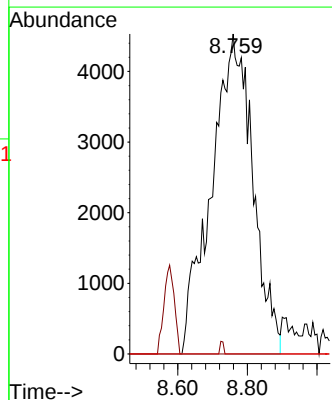
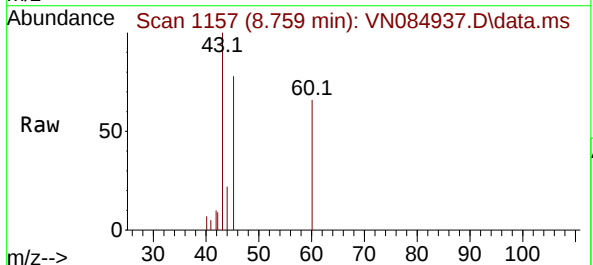


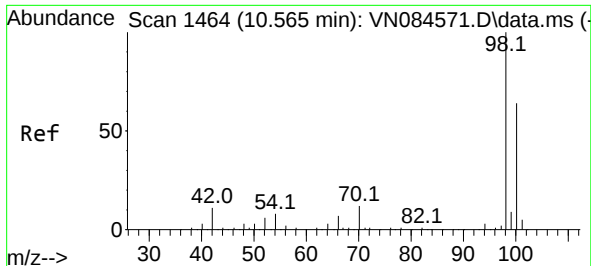
Tgt Ion:117 Resp: 21286
Ion Ratio Lower Upper
117 100
119 5.6 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 6.026 ug/l
RT: 8.759 min Scan# 1157
Delta R.T. 0.071 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Tgt Ion: 43 Resp: 37521
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

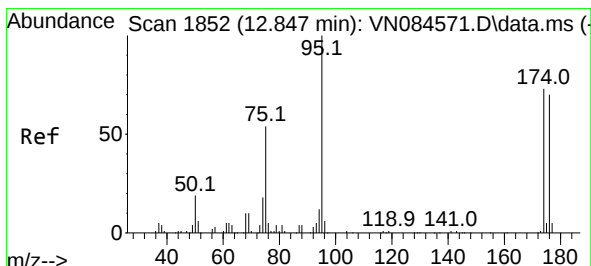
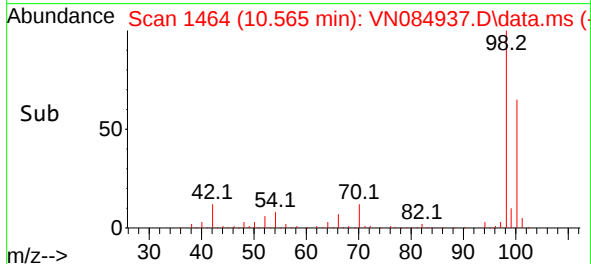
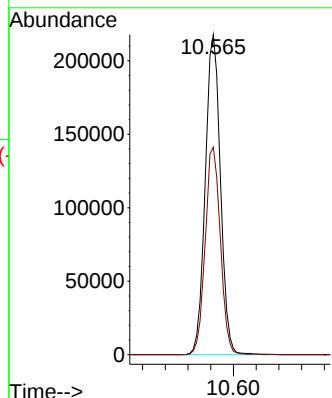
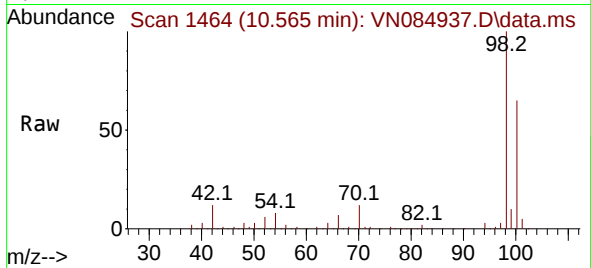




#50
Toluene-d8
Concen: 46.521 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

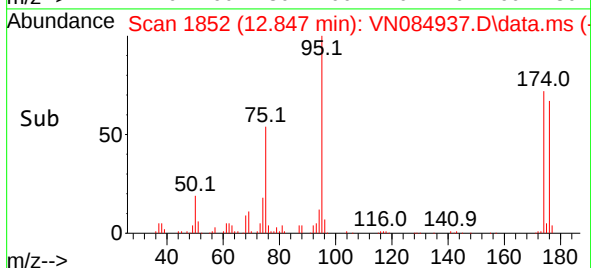
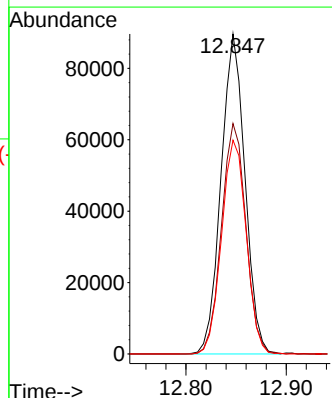
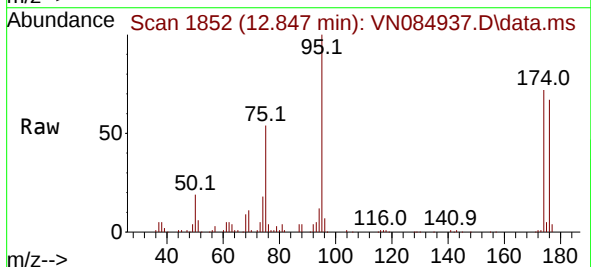
Instrument :
MSVOA_N
ClientSampleId :

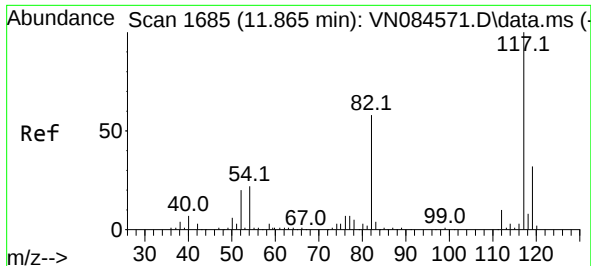
Tgt Ion: 98 Resp: 402345
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.853 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Tgt Ion: 95 Resp: 148211
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.2
176 68.9 0.0 140.0

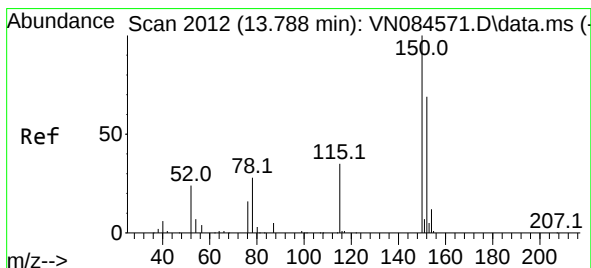
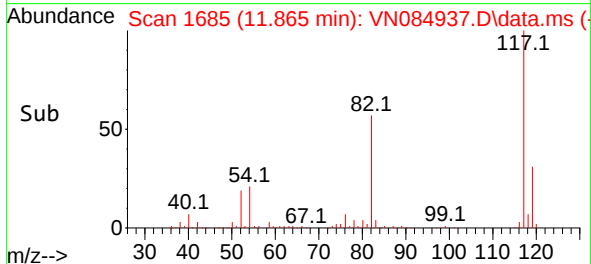
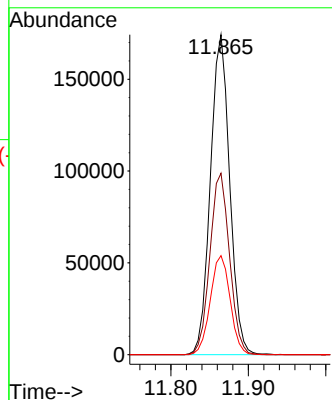
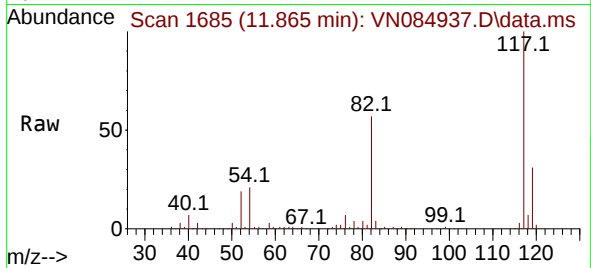




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

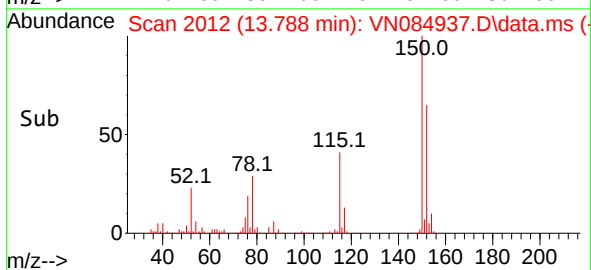
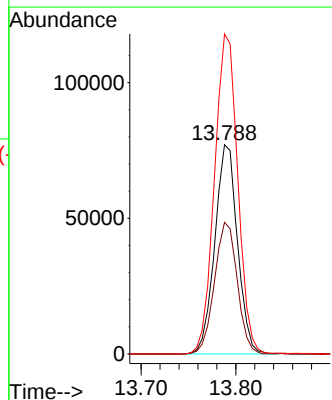
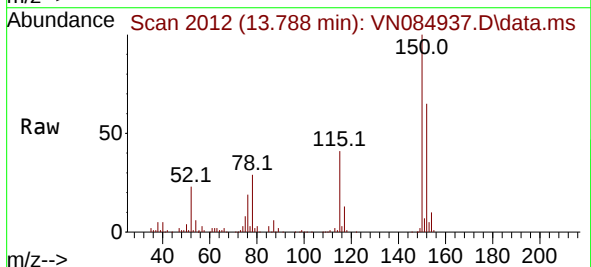
Instrument :
MSVOA_N
ClientSampleId :

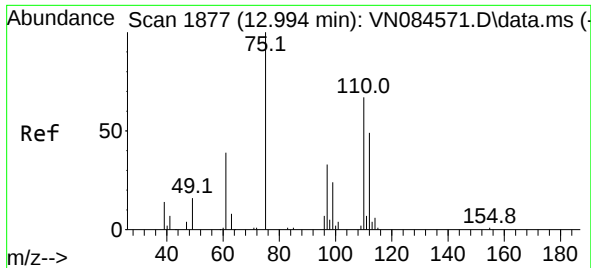
Tgt Ion:117 Resp: 301411
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

Tgt Ion:152 Resp: 128229
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.9
150 157.2 0.0 349.8

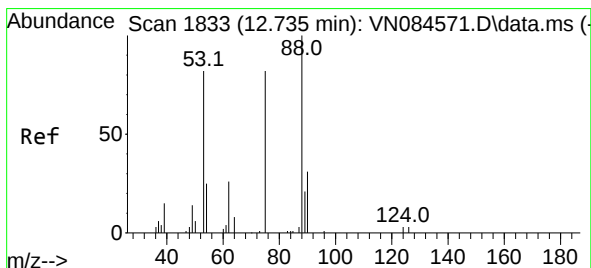
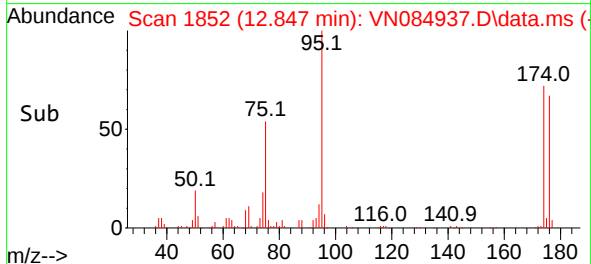
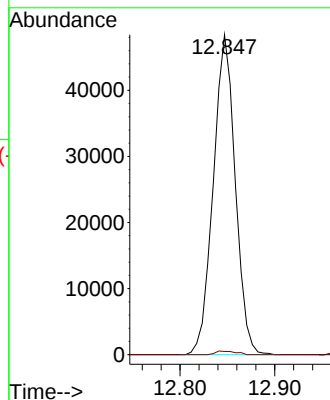
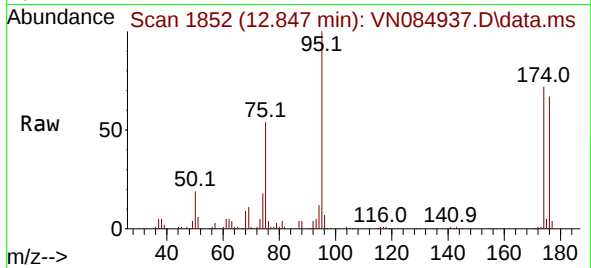




#76
1,2,3-Trichloropropane
Concen: 30.443 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

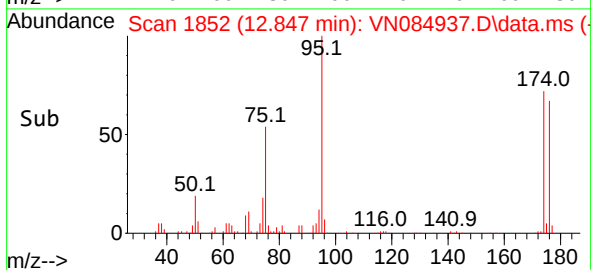
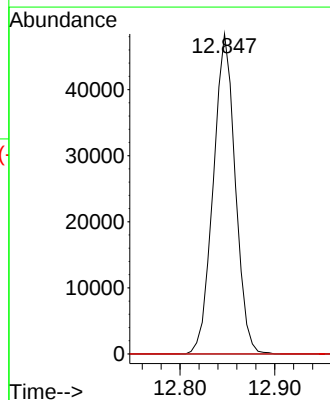
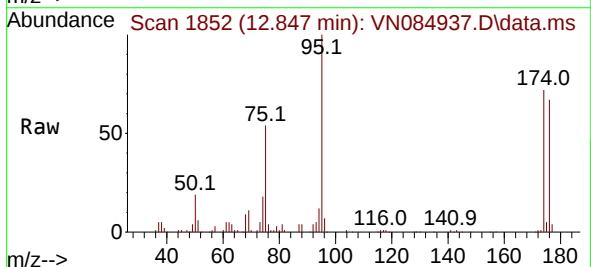
Instrument :
MSVOA_N
ClientSampleId :

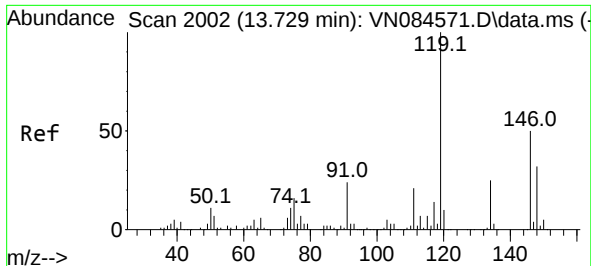
Tgt Ion: 75 Resp: 78032
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.222 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084937.D
Acq: 19 Nov 2024 11:07

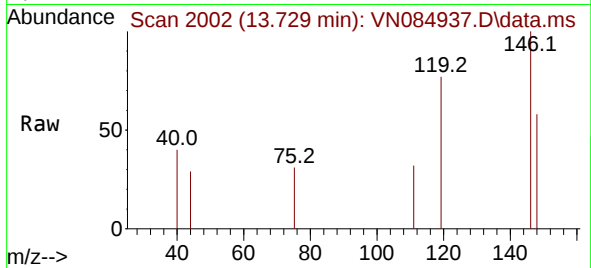
Tgt Ion: 75 Resp: 78032
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



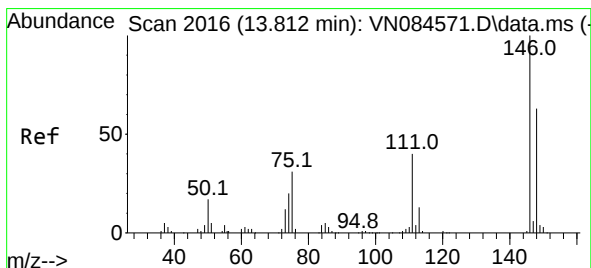
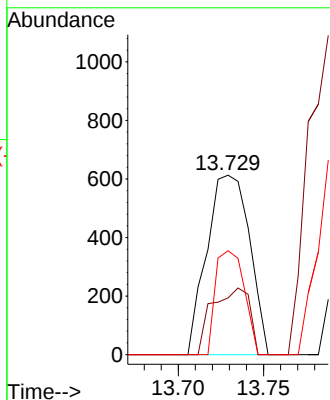
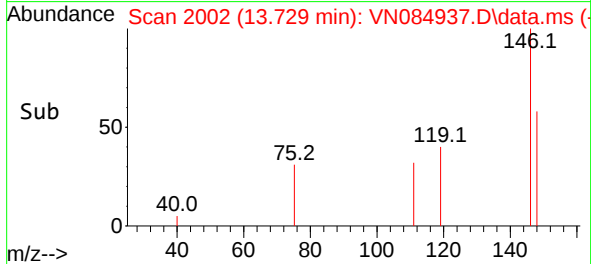


#87
 1,3-Dichlorobenzene
 Concen: 0.227 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084937.D
 Acq: 19 Nov 2024 11:07

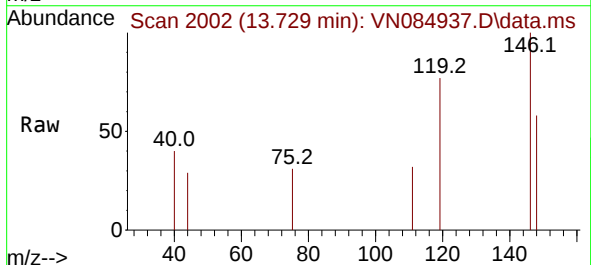
Instrument :
 MSVOA_N
 ClientSampleId :



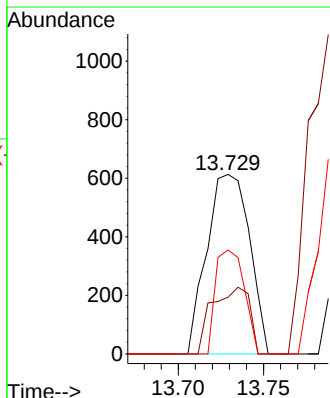
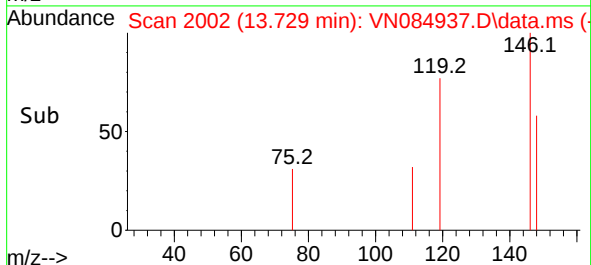
Tgt Ion:146 Resp: 1070
 Ion Ratio Lower Upper
 146 100
 111 32.3 21.8 65.3
 148 38.9 31.9 95.7

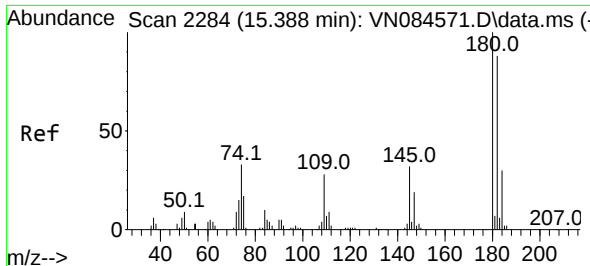


#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.083 min
 Lab File: VN084937.D
 Acq: 19 Nov 2024 11:07



Tgt Ion:146 Resp: 1070
 Ion Ratio Lower Upper
 146 100
 111 32.3 21.2 63.6
 148 38.9 31.9 95.9





#93

1,2,4-Trichlorobenzene

Concen: 0.302 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084937.D

Acq: 19 Nov 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

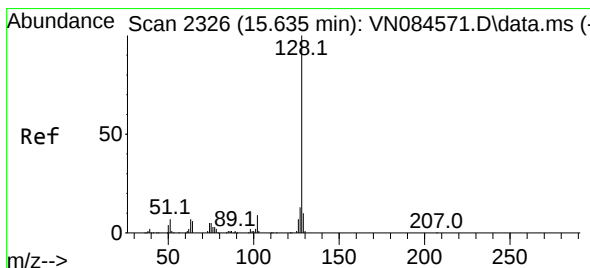
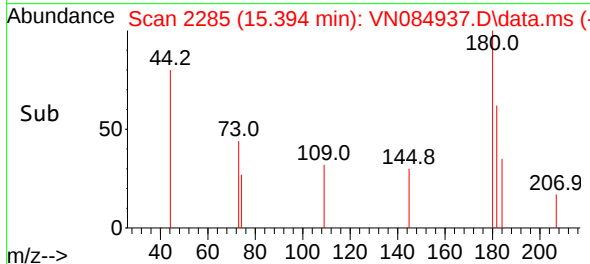
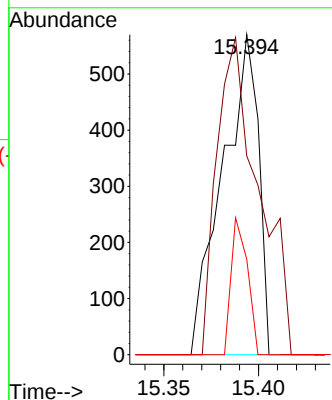
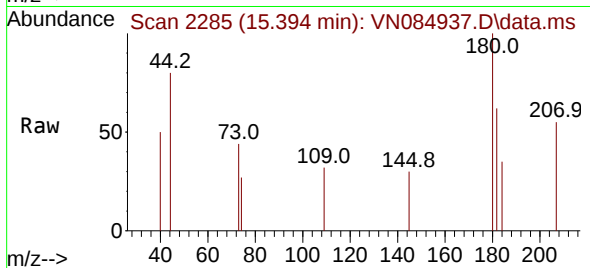
Tgt Ion:180 Resp: 749

Ion Ratio Lower Upper

180 100

182 115.9 47.0 141.0

145 19.5 16.4 49.4



#95

Naphthalene

Concen: 0.399 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.012 min

Lab File: VN084937.D

Acq: 19 Nov 2024 11:07

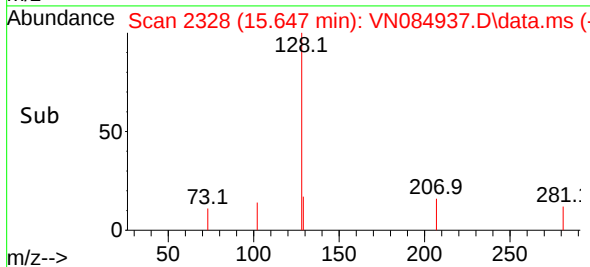
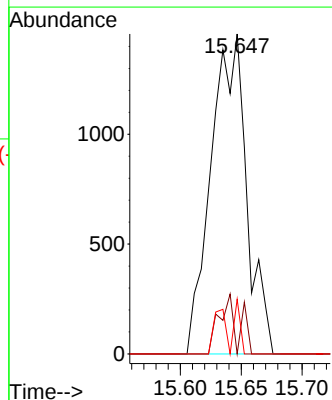
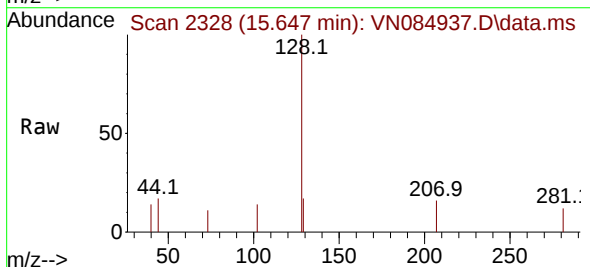
Tgt Ion:128 Resp: 2964

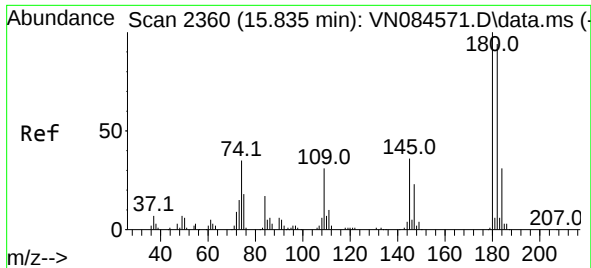
Ion Ratio Lower Upper

128 100

127 10.1 10.5 15.7#

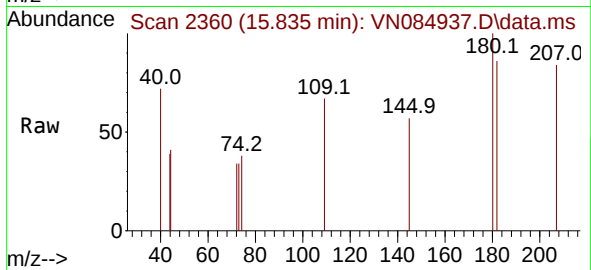
129 4.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.361 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN084937.D
 Acq: 19 Nov 2024 11:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	869
Ion	Ratio	Lower Upper
180	100	
182	75.5	48.2 144.6
145	10.8	17.3 51.9#

