

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084267.D
 Acq On : 02 Oct 2024 16:09
 Operator : JC\MD
 Sample : P4226-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

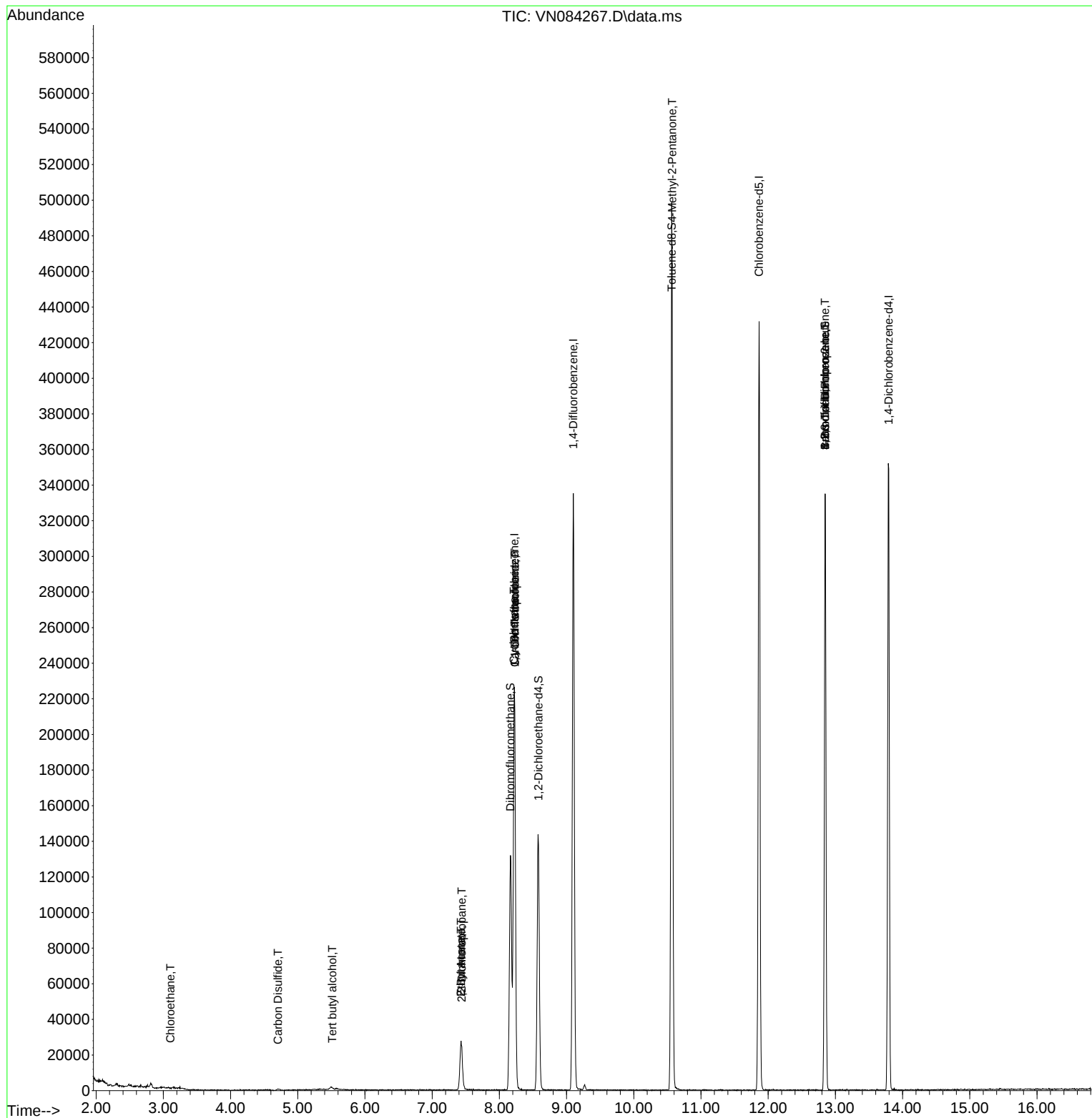
Internal Standards						
1) Pentafluorobenzene	8.224	168	164287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120504	49.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	8.165	113	94701	51.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.020%		
50) Toluene-d8	10.565	98	335829	49.165	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.847	95	112931	45.382	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.760%		
Target Compounds						Qvalue
6) Chloroethane	3.106	64	359	0.233	ug/l #	45
11) Tert butyl alcohol	5.512	59	1372	3.416	ug/l #	73
17) Carbon Disulfide	4.706	76	1465	0.250	ug/l #	75
25) 2-Butanone	7.430	43	1372	0.963	ug/l #	48
26) 2,2-Dichloropropane	7.441	77	1556	0.464	ug/l #	54
31) Cyclohexane	8.218	56	3675	1.019	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	14970	5.551	ug/l #	50
37) Ethyl Acetate	7.430	43	1372	0.496	ug/l #	1
38) Carbon Tetrachloride	8.230	117	18121	6.126	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1605	0.609	ug/l #	1
71) Bromoform	12.847	173	705	0.521	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	60869	31.322	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60869	75.092	ug/l #	11

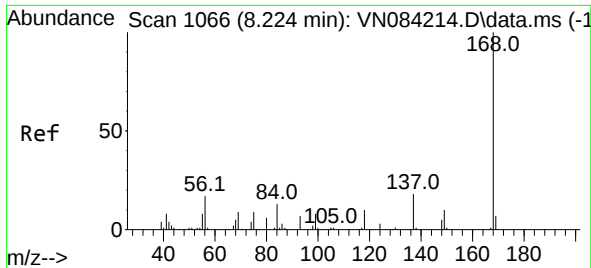
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 02:01:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

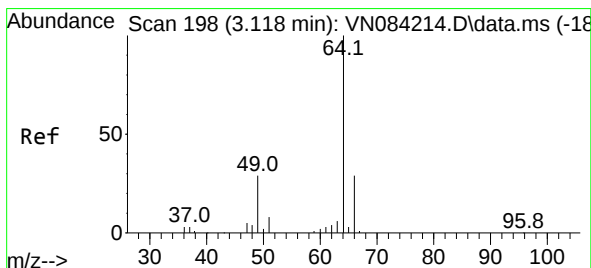
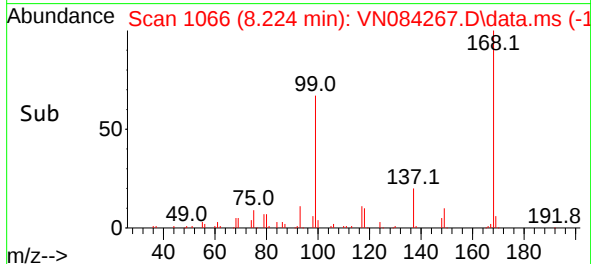
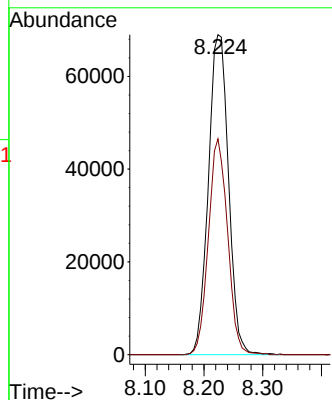
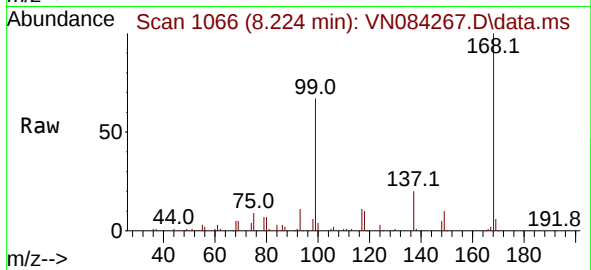




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

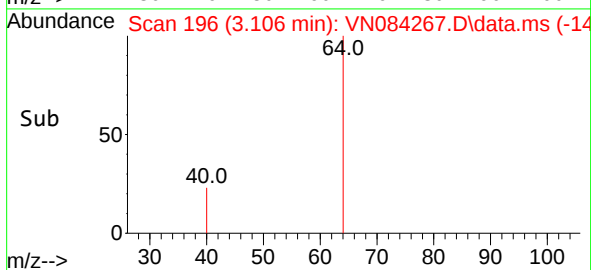
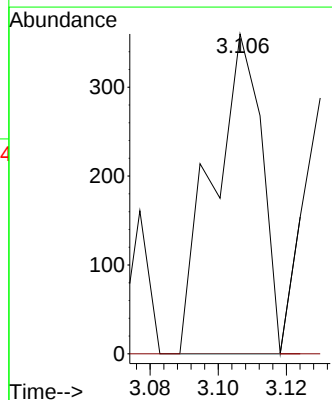
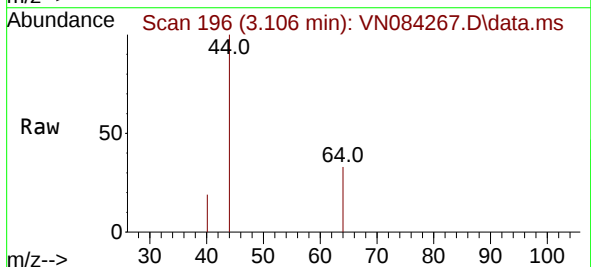
Instrument :
MSVOA_N
ClientSampleId :

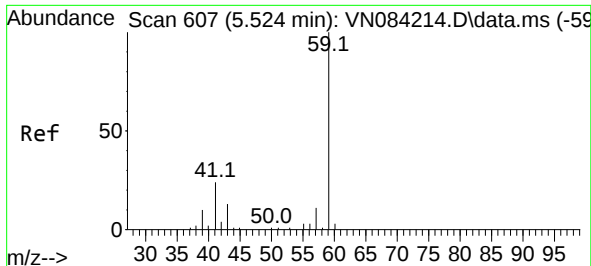
Tgt Ion:168 Resp: 164287
Ion Ratio Lower Upper
168 100
99 67.5 54.2 81.2



#6
Chloroethane
Concen: 0.233 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Tgt Ion: 64 Resp: 359
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

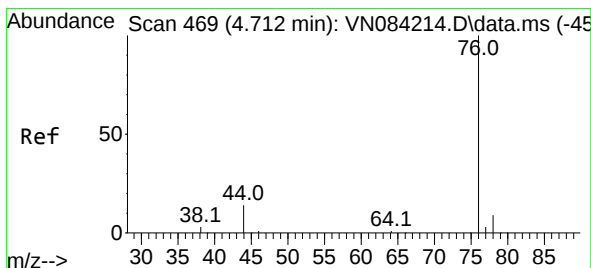
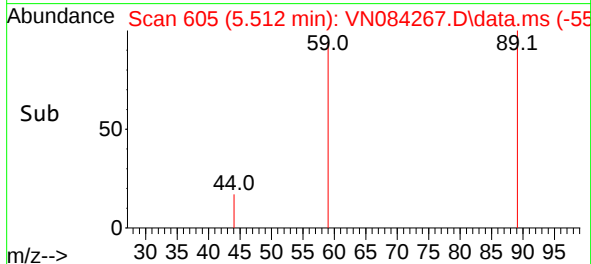
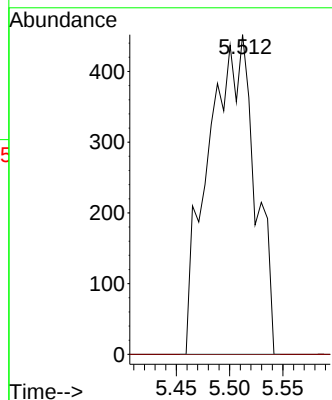
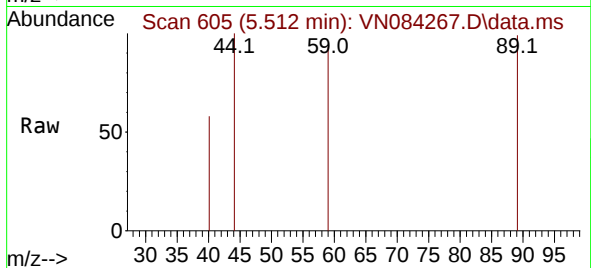




#11
Tert butyl alcohol
Concen: 3.416 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

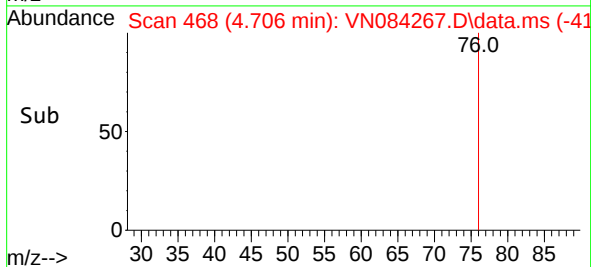
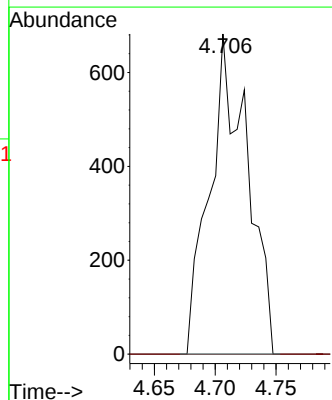
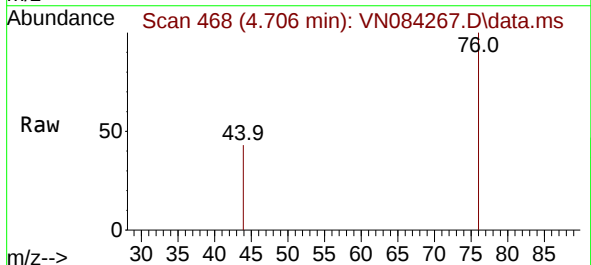
Instrument :
MSVOA_N
ClientSampleId :

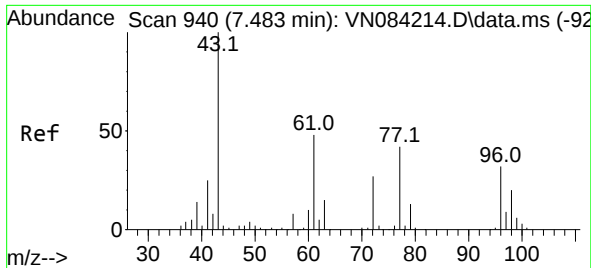
Tgt Ion: 59 Resp: 1372
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Tgt Ion: 76 Resp: 1465
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

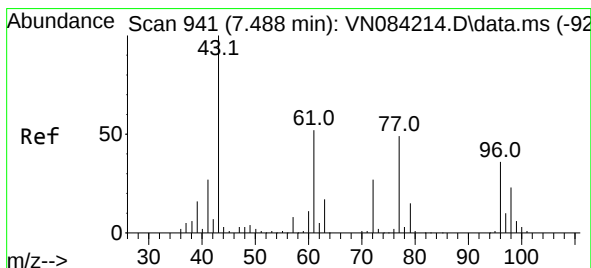
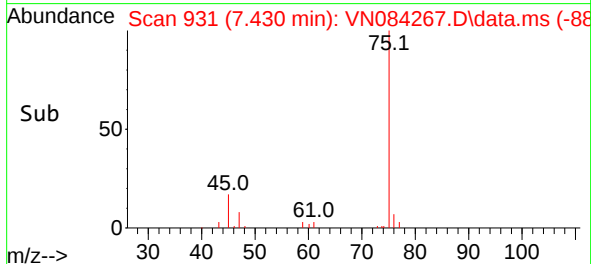
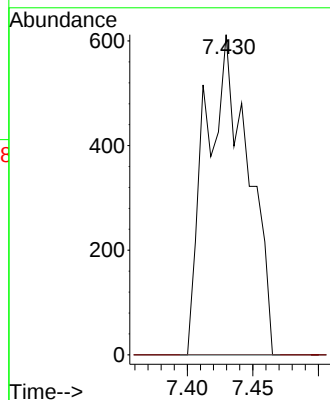
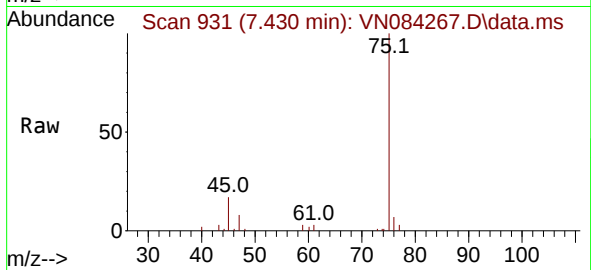




#25
2-Butanone
Concen: 0.963 ug/l
RT: 7.430 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

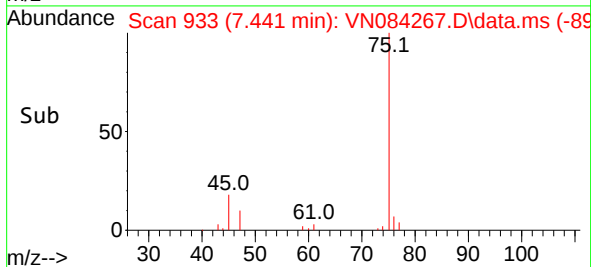
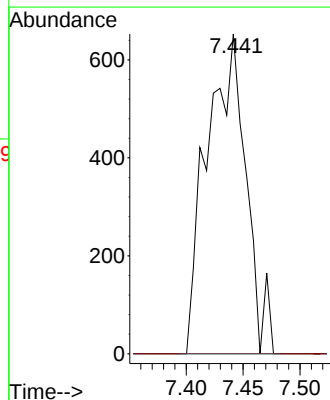
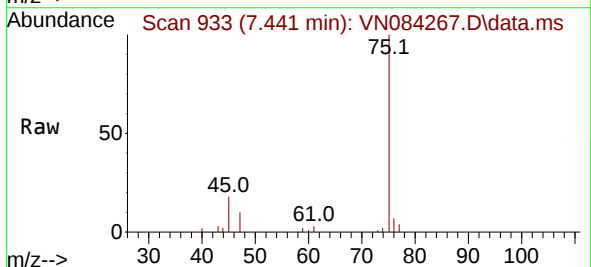
Instrument :
MSVOA_N
ClientSampleId :

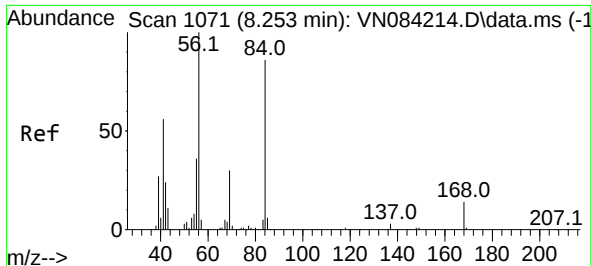
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 0.464 ug/l
RT: 7.441 min Scan# 933
Delta R.T. -0.047 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

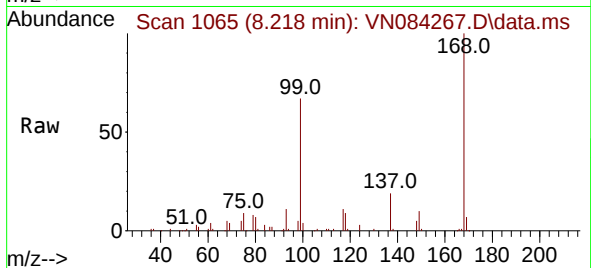
Tgt Ion: 77 Resp: 1556
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



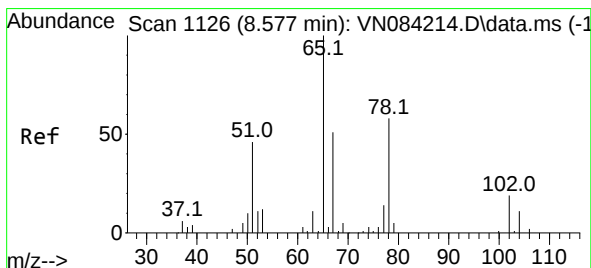
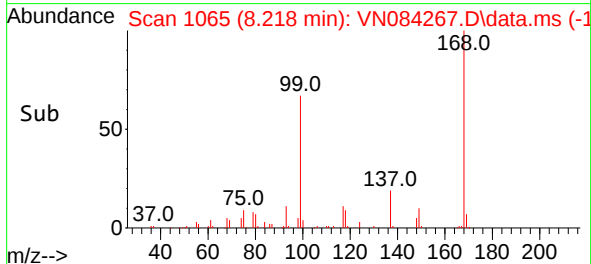
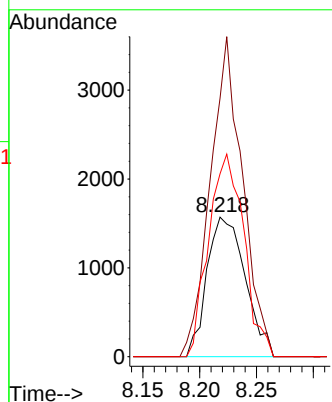


#31
Cyclohexane
Concen: 1.019 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

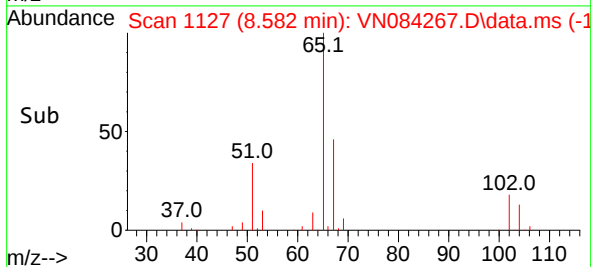
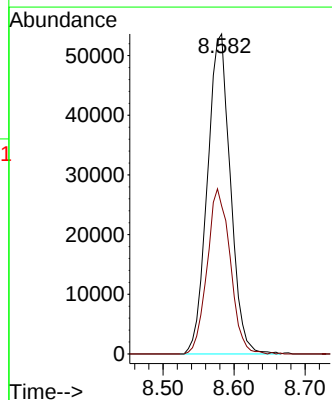
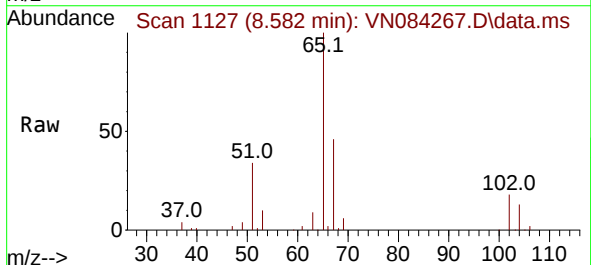


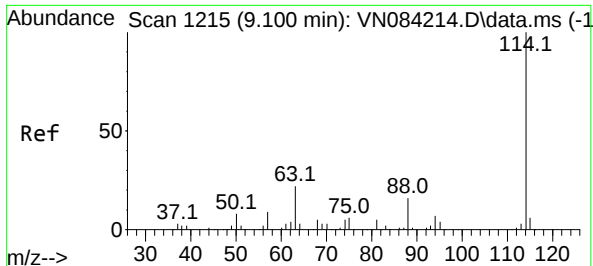
Tgt Ion: 56 Resp: 3675
Ion Ratio Lower Upper
56 100
69 185.3 23.8 35.6#
84 131.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.471 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Tgt Ion: 65 Resp: 120504
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0

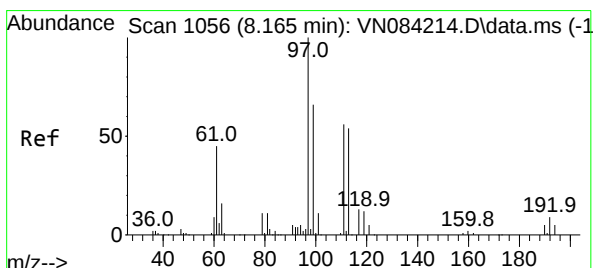
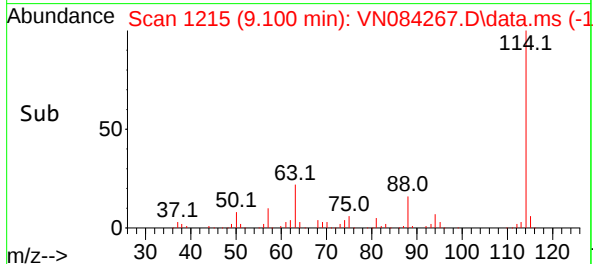
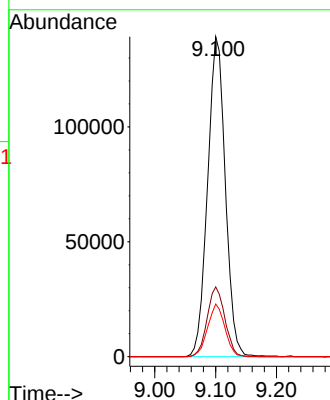
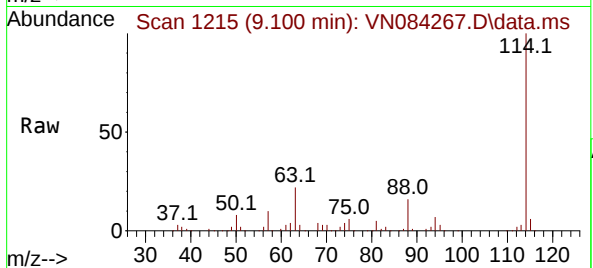




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

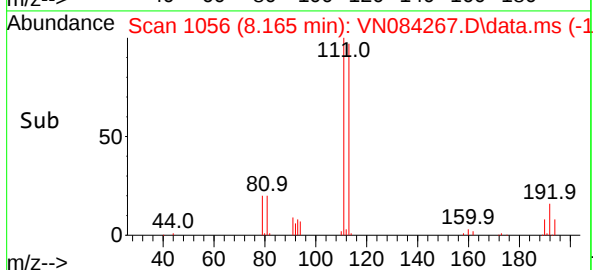
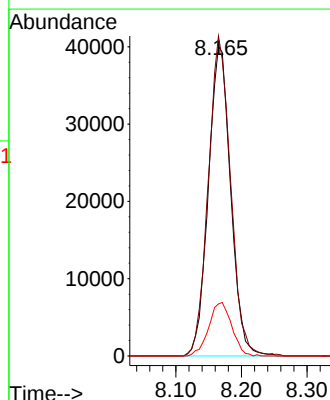
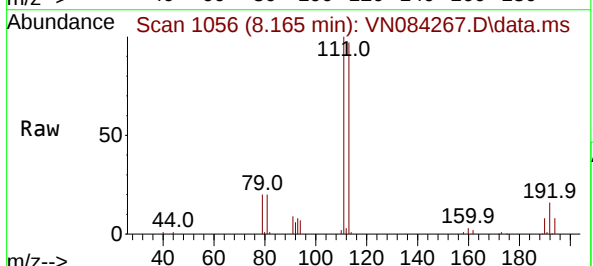
Instrument :
MSVOA_N
ClientSampleId :

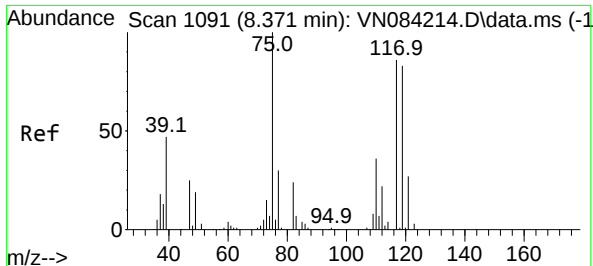
Tgt Ion:114 Resp: 281618
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.8
88 16.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.008 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

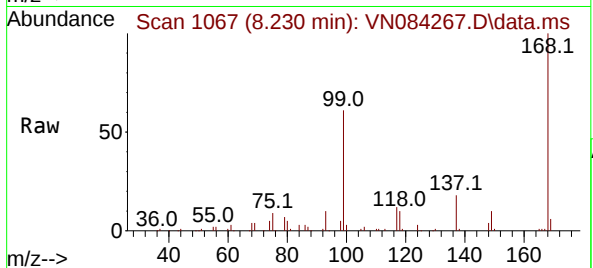
Tgt Ion:113 Resp: 94701
Ion Ratio Lower Upper
113 100
111 103.1 83.3 124.9
192 17.8 13.5 20.3



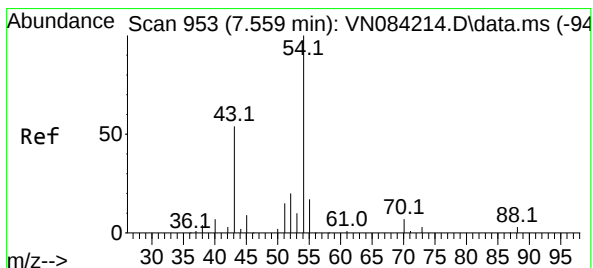
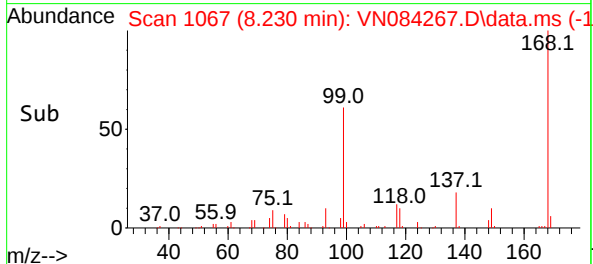
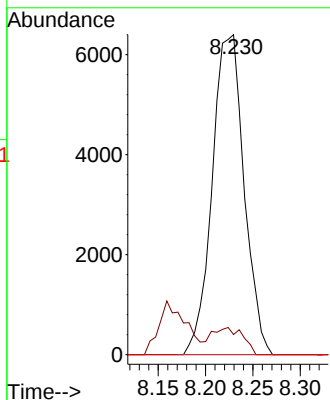


#36
1,1-Dichloropropene
Concen: 5.551 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

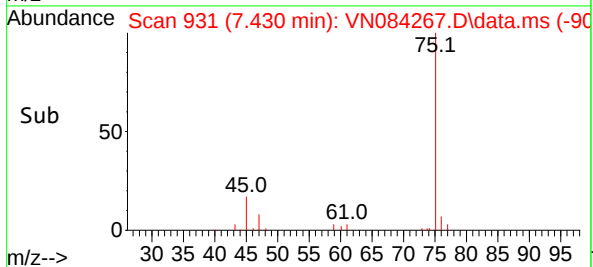
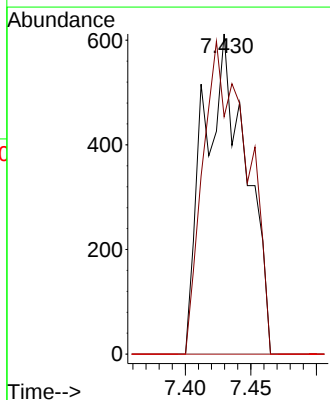
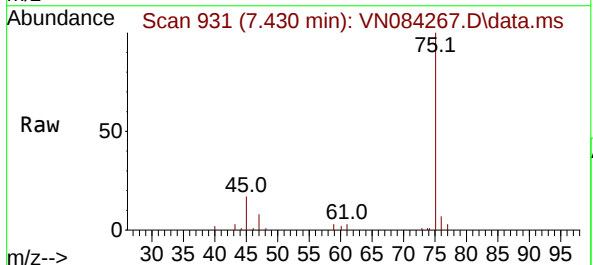


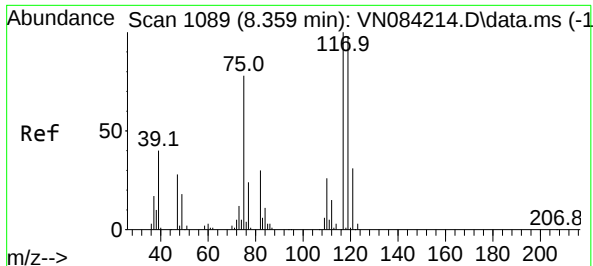
Tgt Ion: 75 Resp: 14970
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.7#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.496 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.129 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

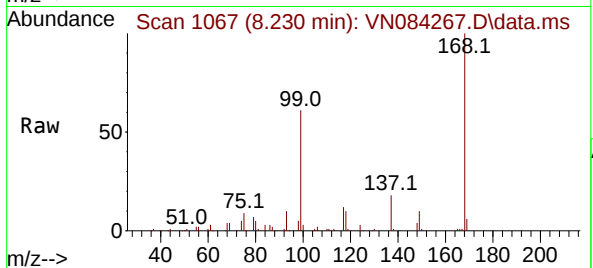
Tgt Ion: 43 Resp: 1372
Ion Ratio Lower Upper
43 100
61 101.8 10.7 16.1#
70 0.0 8.8 13.2#



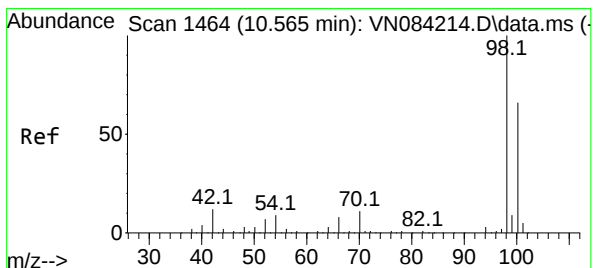
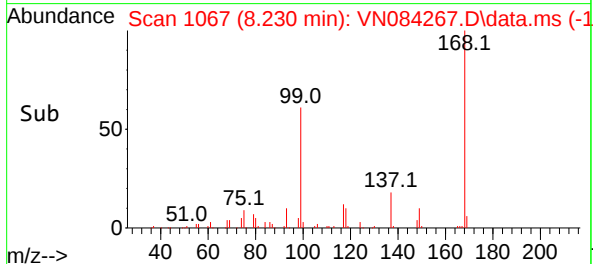
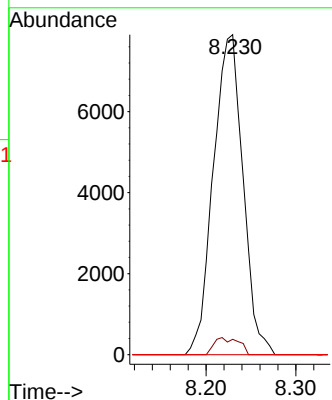


#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

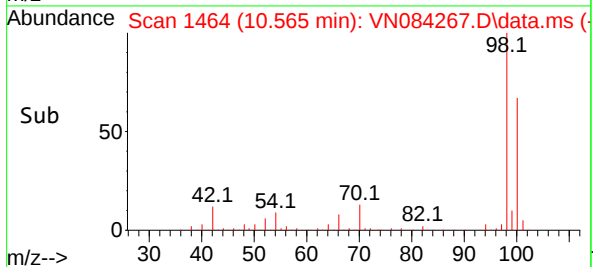
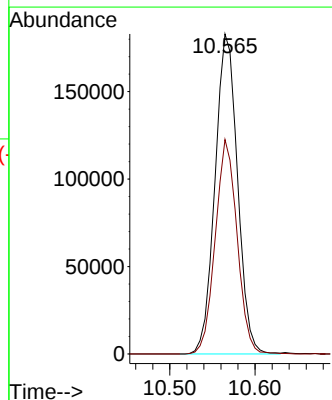
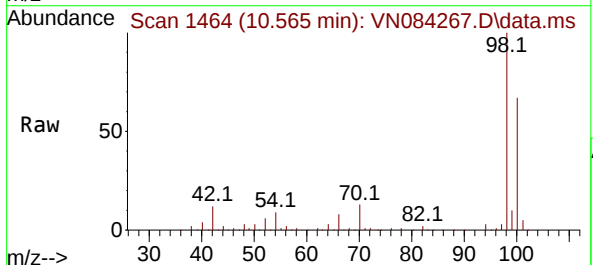


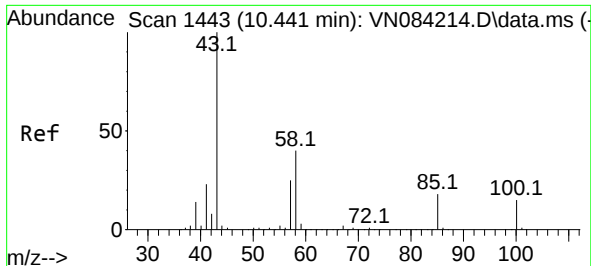
Tgt Ion:117 Resp: 18121
Ion Ratio Lower Upper
117 100
119 4.8 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.165 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Tgt Ion: 98 Resp: 335829
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

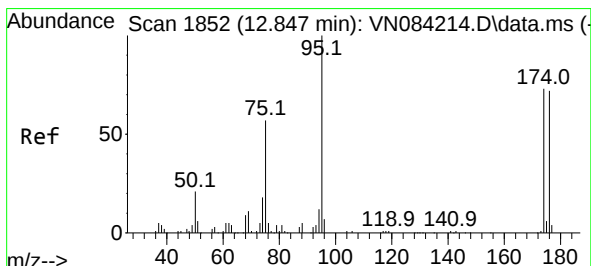
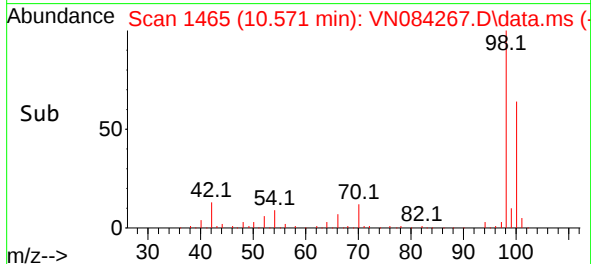
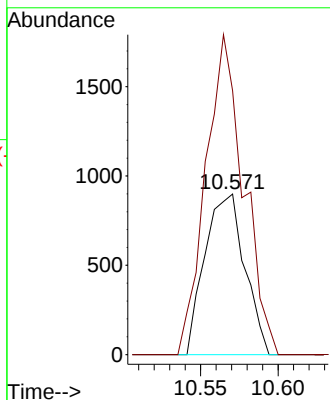
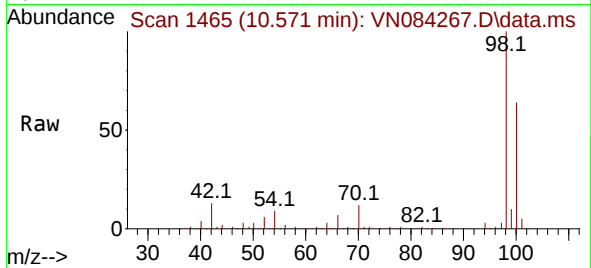




#51
4-Methyl-2-Pentanone
Concen: 0.609 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

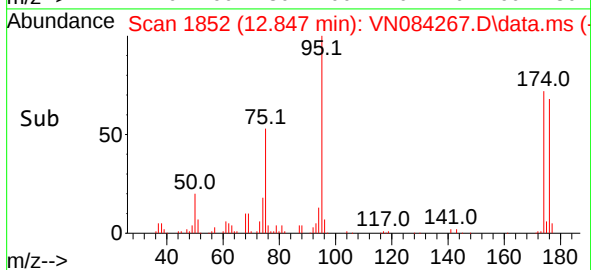
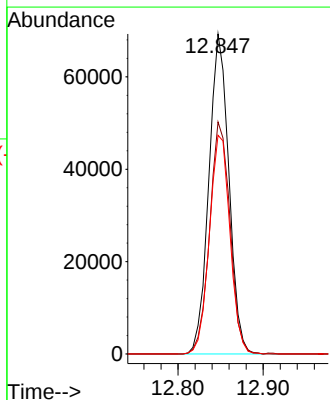
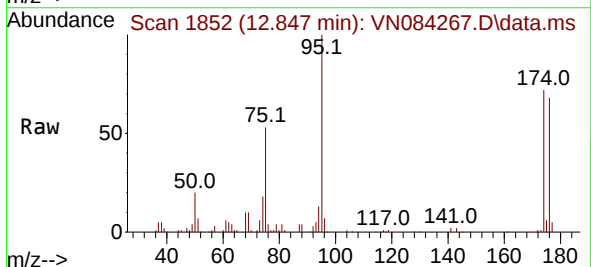
Instrument :
MSVOA_N
ClientSampleId :

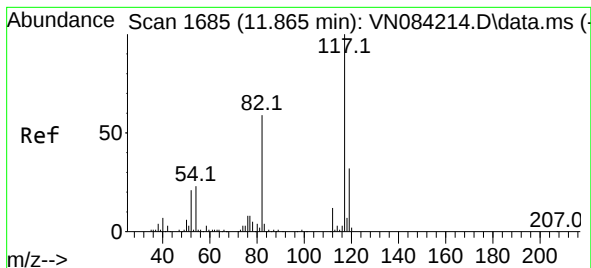
Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
58 190.3 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.382 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084267.D
Acq: 02 Oct 2024 16:09

Tgt Ion: 95 Resp: 112931
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.2
176 70.3 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

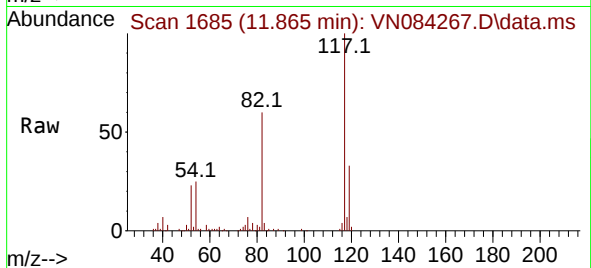
Lab File: VN084267.D

Acq: 02 Oct 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :



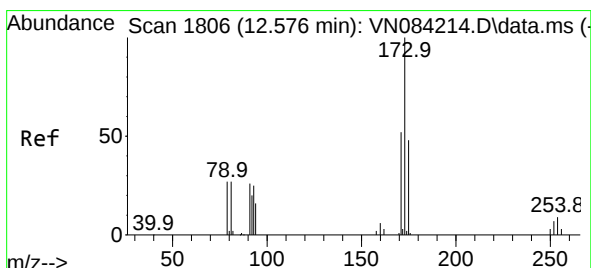
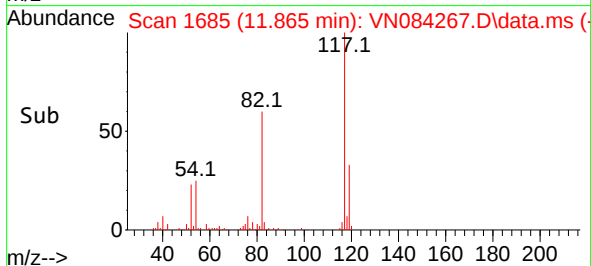
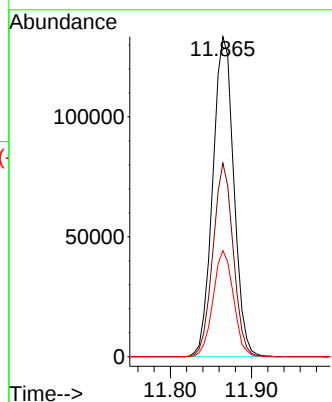
Tgt Ion:117 Resp: 240516

Ion Ratio Lower Upper

117 100

82 60.5 47.2 70.8

119 33.2 25.4 38.0



#71

Bromoform

Concen: 0.521 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084267.D

Acq: 02 Oct 2024 16:09

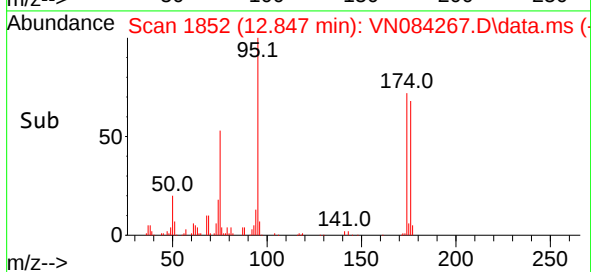
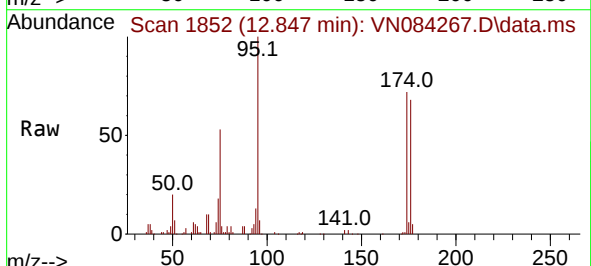
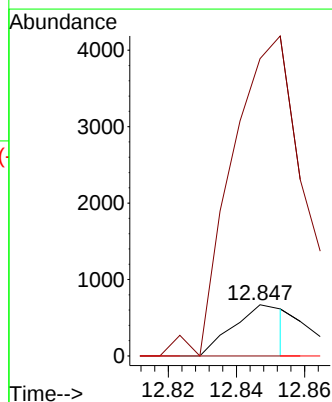
Tgt Ion:173 Resp: 705

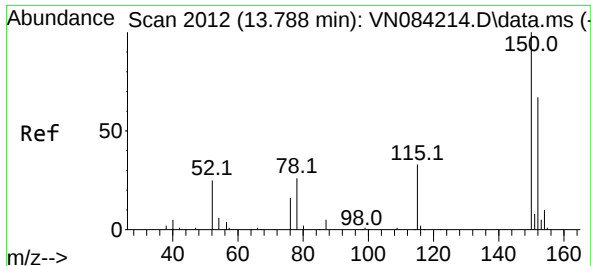
Ion Ratio Lower Upper

173 100

175 0.0 23.5 70.6#

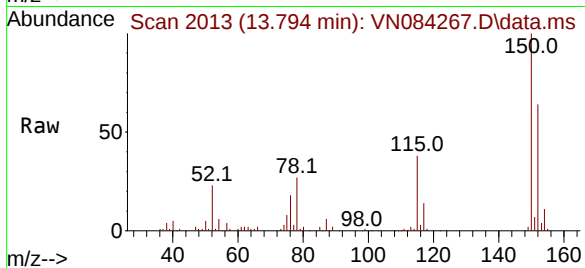
254 0.0 0.0 0.0



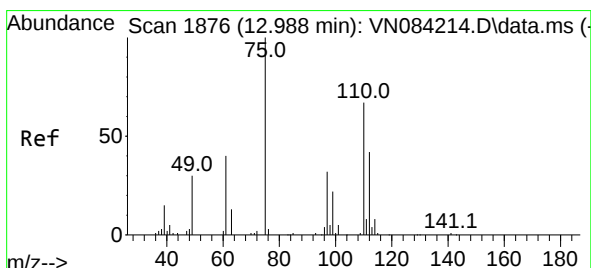
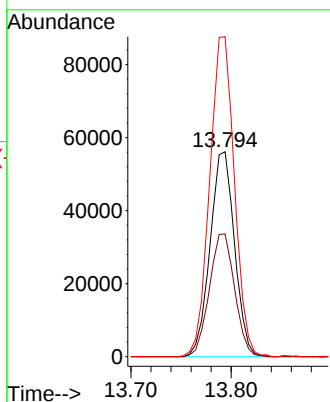
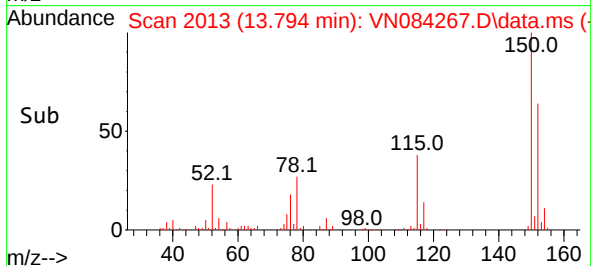


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084267.D
 Acq: 02 Oct 2024 16:09

Instrument :
 MSVOA_N
 ClientSampleId :

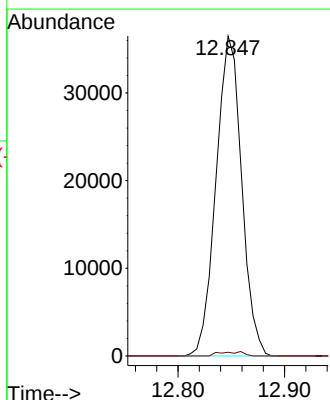
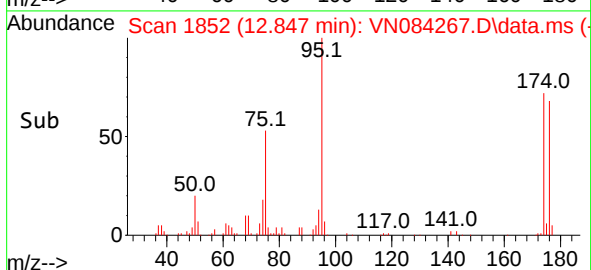
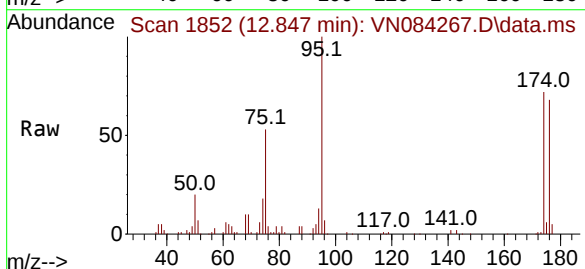


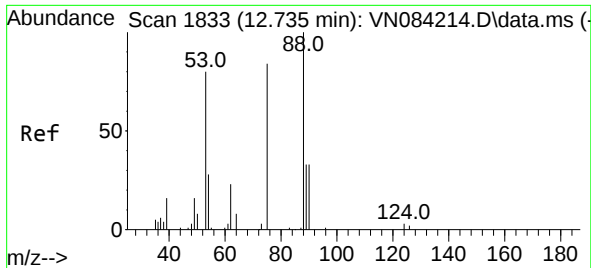
Tgt Ion:152 Resp: 95191
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.3 93.9
 150 157.6 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 31.322 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084267.D
 Acq: 02 Oct 2024 16:09

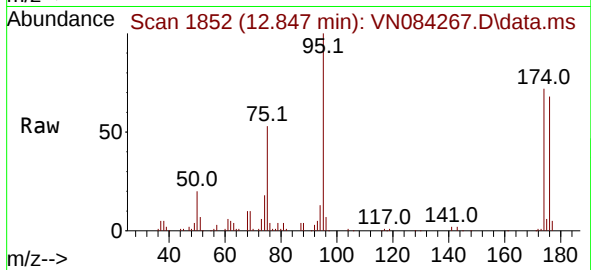
Tgt Ion: 75 Resp: 60869
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.092 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084267.D
 Acq: 02 Oct 2024 16:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 60869
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

