

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084251.D
 Acq On : 01 Oct 2024 19:54
 Operator : JC\MD
 Sample : P4226-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT14911-20240924

Quant Time: Oct 02 02:08:19 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)

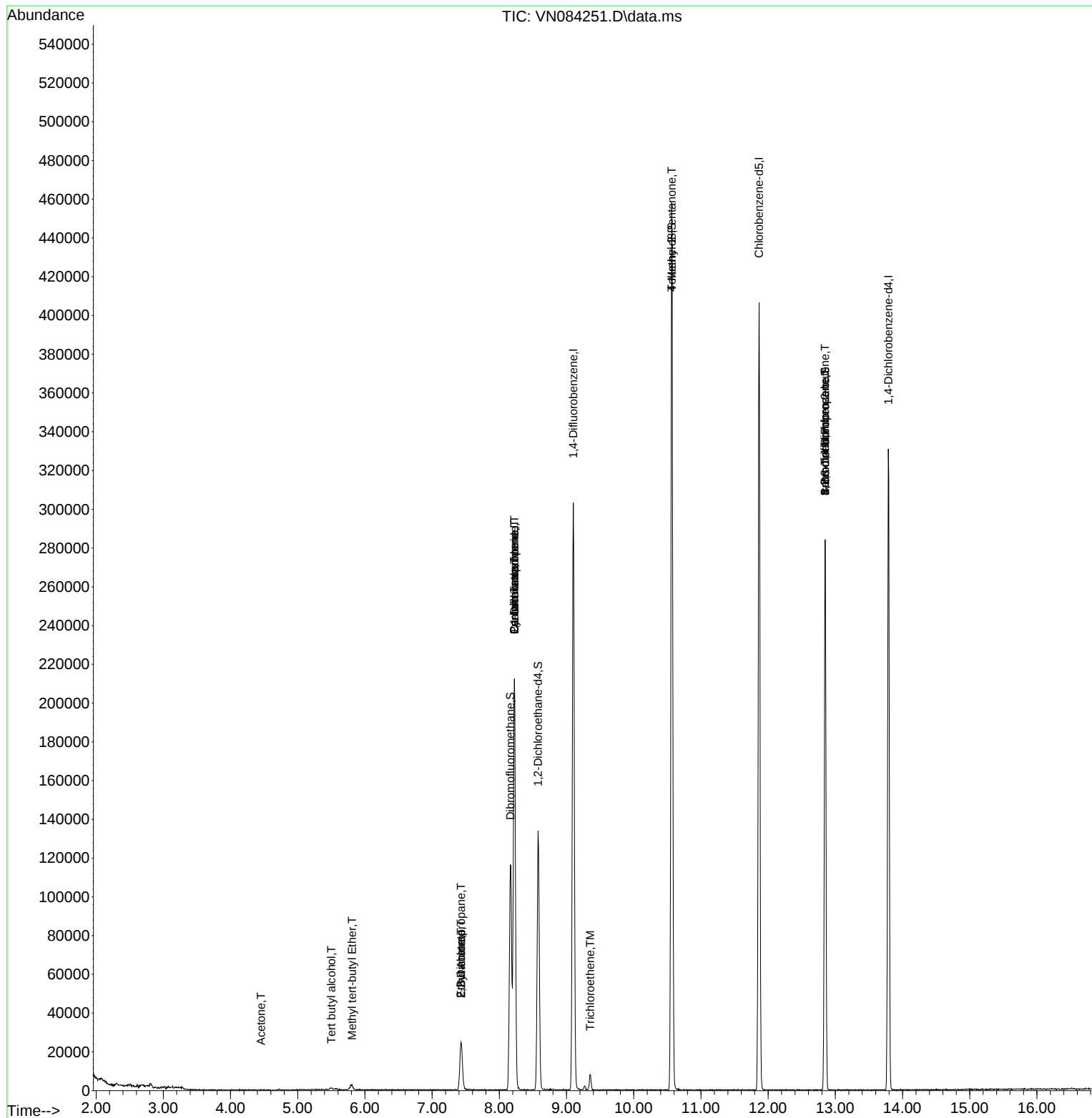
Internal Standards						
1) Pentafluorobenzene	8.224	168	148652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110123	49.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.165	113	85539	50.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	10.565	98	312085	50.294	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.847	95	97712	43.224	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.500	59	289	0.795	ug/l #	73
16) Acetone	4.453	43	311	0.328	ug/l #	44
19) Methyl tert-butyl Ether	5.806	73	4541	0.804	ug/l	93
25) 2-Butanone	7.430	43	1157	0.897	ug/l #	48
26) 2,2-Dichloropropane	7.430	77	1578	0.521	ug/l #	54
31) Cyclohexane	8.224	56	4004	1.226	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	12816	5.231	ug/l #	51
37) Ethyl Acetate	7.430	43	1157	0.460	ug/l #	1
38) Carbon Tetrachloride	8.224	117	16327	6.076	ug/l #	17
44) Trichloroethene	9.353	130	2833	1.589	ug/l	93
51) 4-Methyl-2-Pentanone	10.565	43	1443	0.603	ug/l #	1
71) Bromoform	12.847	173	667	0.532	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	51600	29.294	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	51600	70.232	ug/l #	11

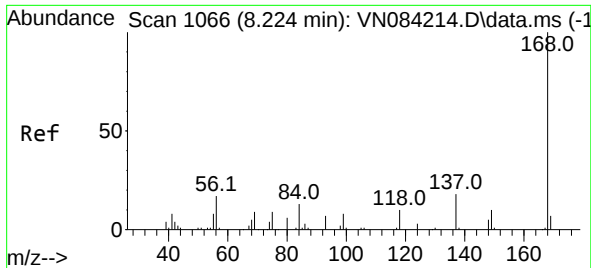
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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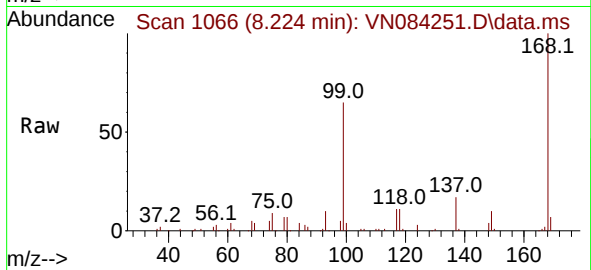
Quant Time: Oct 02 02:08:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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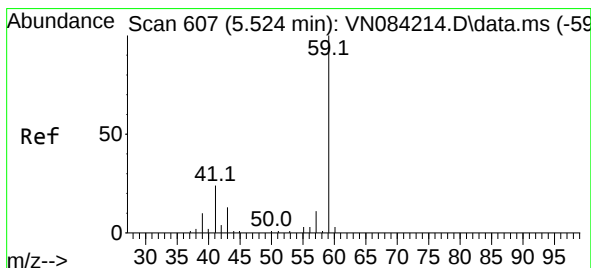
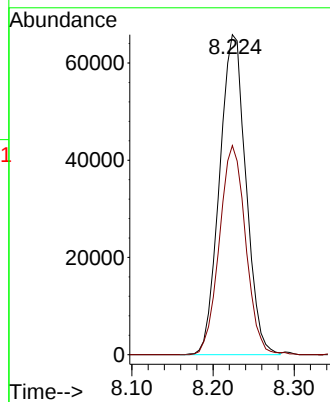
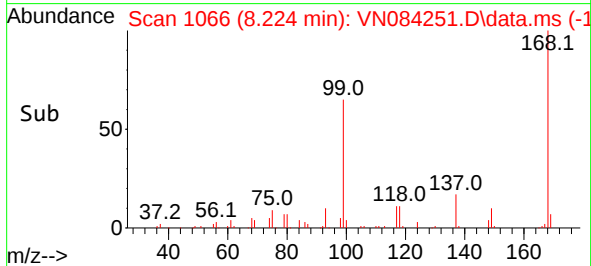


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

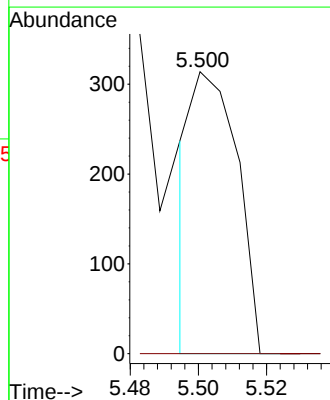
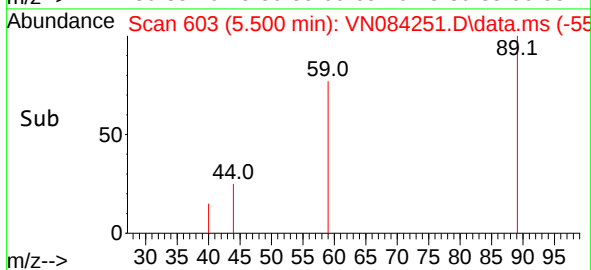
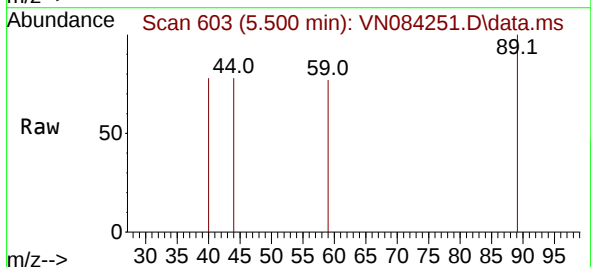


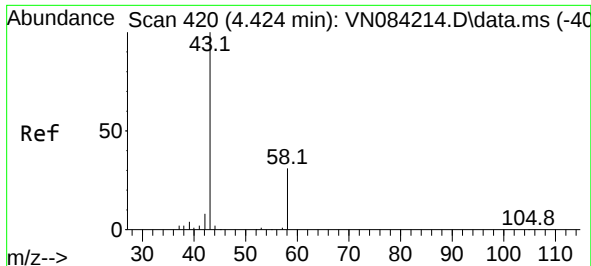
Tgt Ion:168 Resp: 148652
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2



#11
Tert butyl alcohol
Concen: 0.795 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.023 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 59 Resp: 289
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 0.328 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.030 min

Lab File: VN084251.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

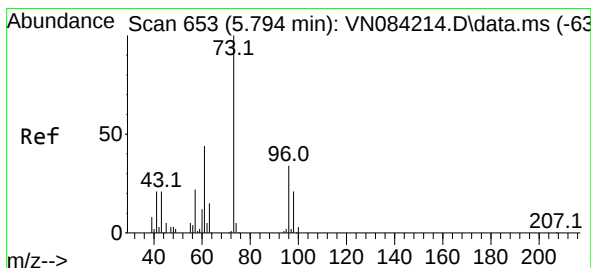
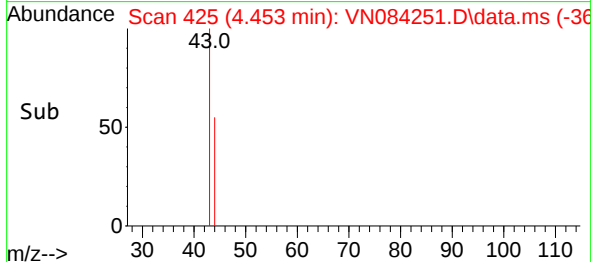
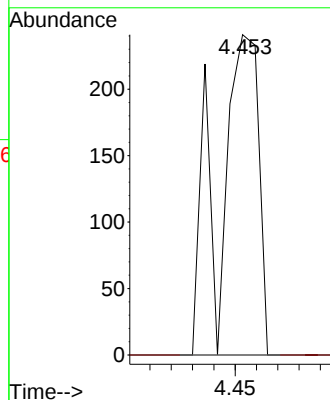
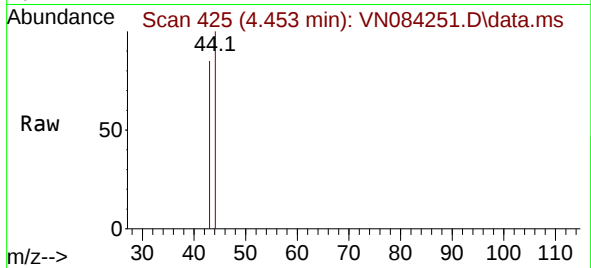
TT14911-20240924

Tgt Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#19

Methyl tert-butyl Ether

Concen: 0.804 ug/l

RT: 5.806 min Scan# 655

Delta R.T. 0.012 min

Lab File: VN084251.D

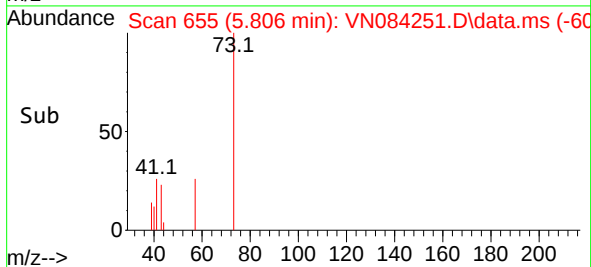
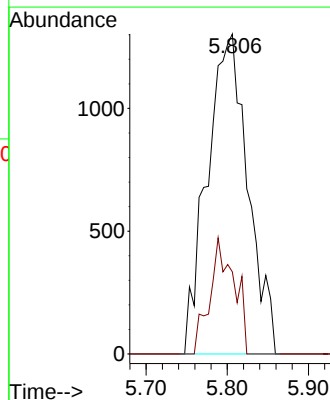
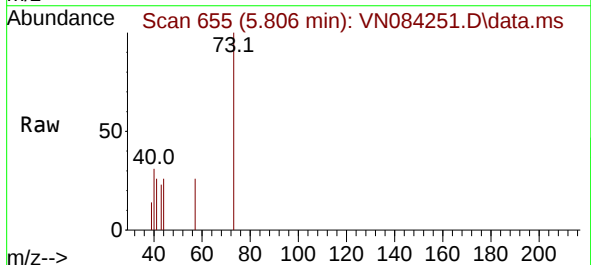
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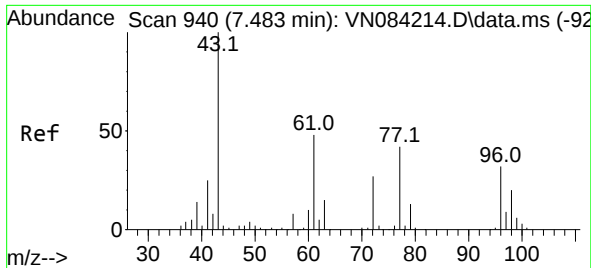
Tgt Ion: 73 Resp: 4541

Ion Ratio Lower Upper

73 100

57 25.6 17.7 26.5

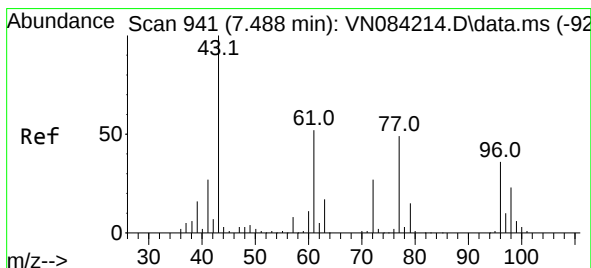
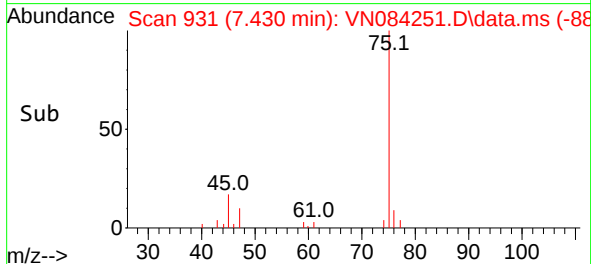
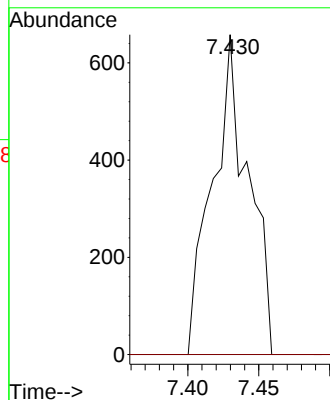
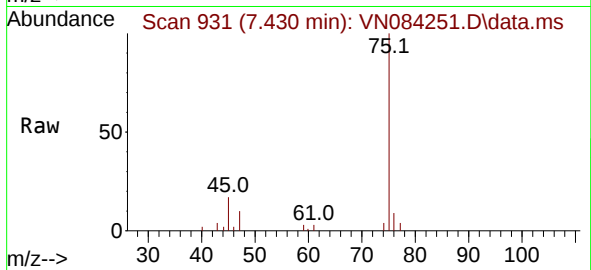




#25
2-Butanone
Concen: 0.897 ug/l
RT: 7.430 min Scan# 911
Delta R.T. -0.053 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

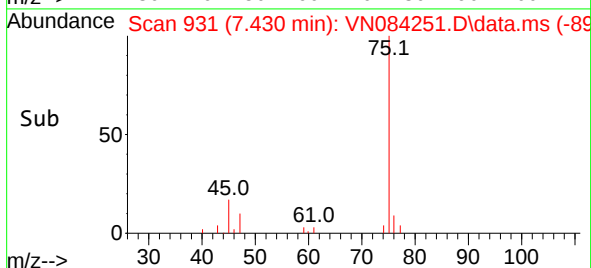
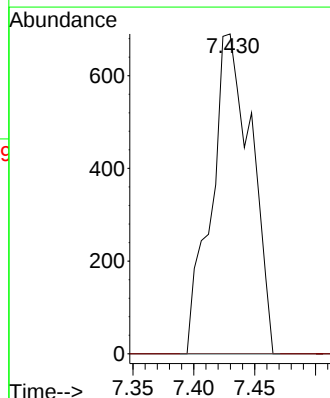
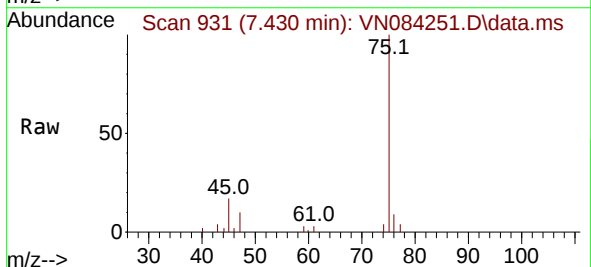
Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

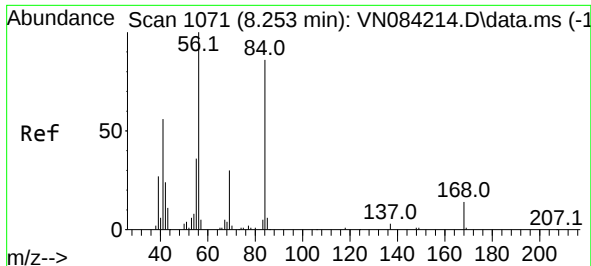
Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 0.521 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.059 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 77 Resp: 1578
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

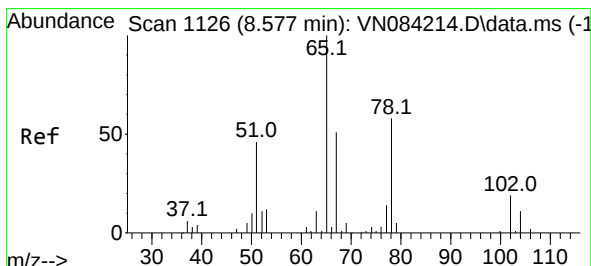
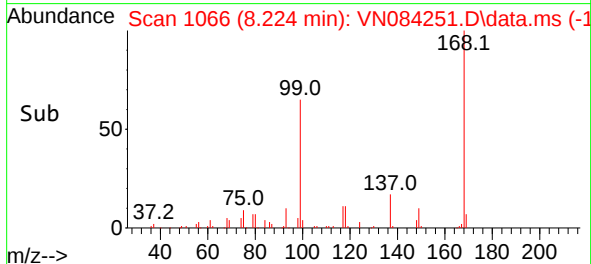
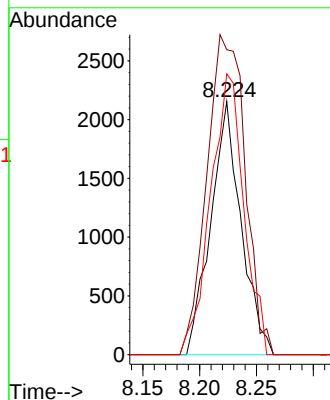
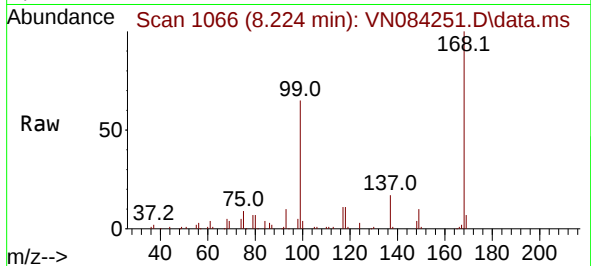




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

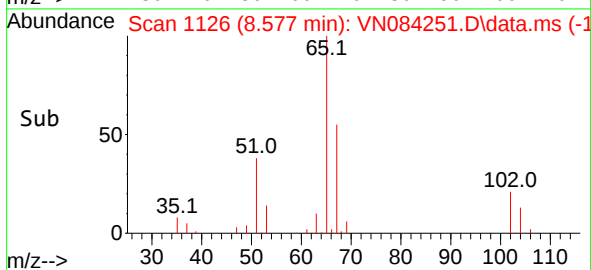
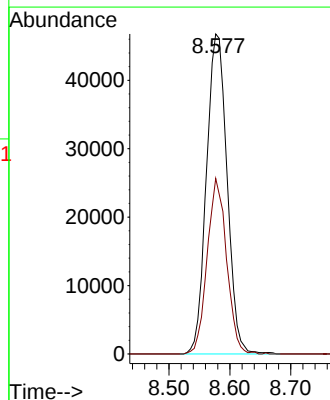
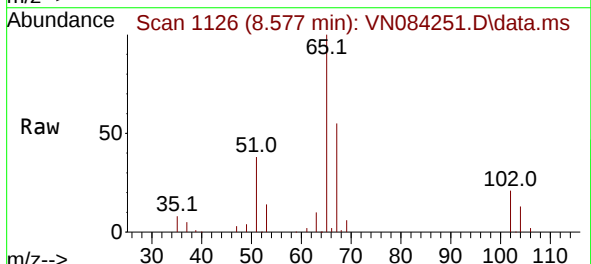
Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

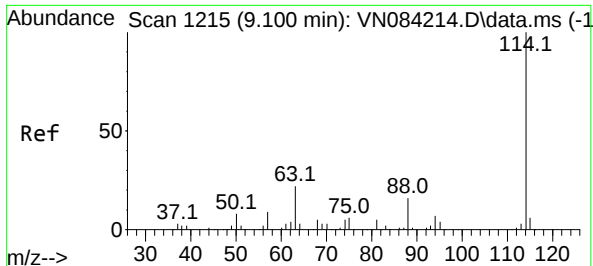
Tgt Ion: 56 Resp: 4004
Ion Ratio Lower Upper
56 100
69 120.5 23.8 35.6#
84 110.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.964 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 65 Resp: 110123
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084251.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

TT14911-20240924

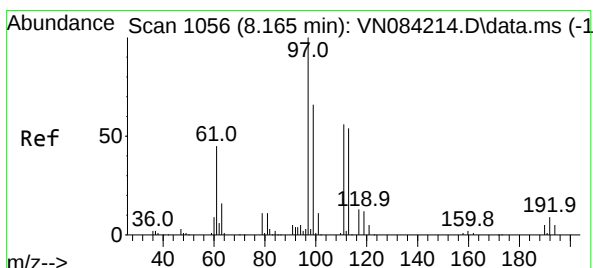
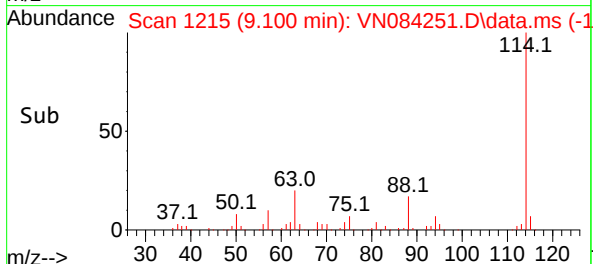
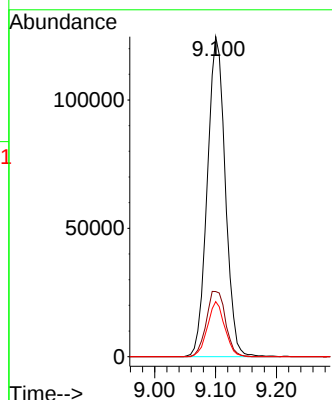
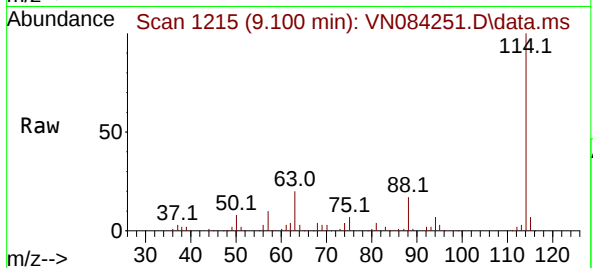
Tgt Ion:114 Resp: 255830

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.8

88 17.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.717 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084251.D

Acq: 01 Oct 2024 19:54

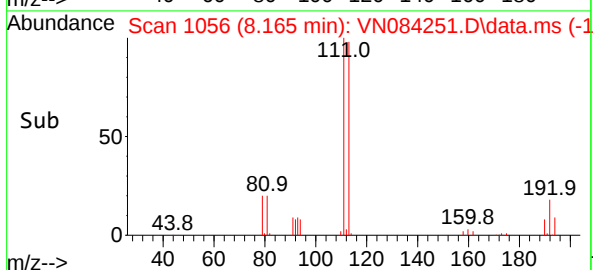
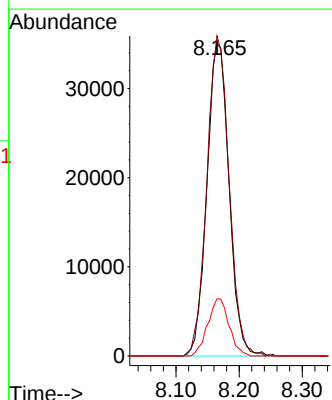
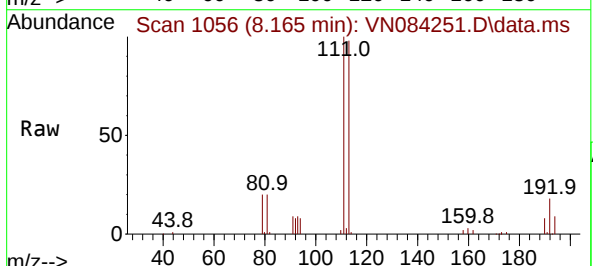
Tgt Ion:113 Resp: 85539

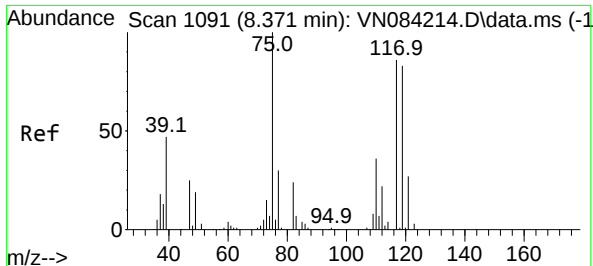
Ion Ratio Lower Upper

113 100

111 102.6 83.3 124.9

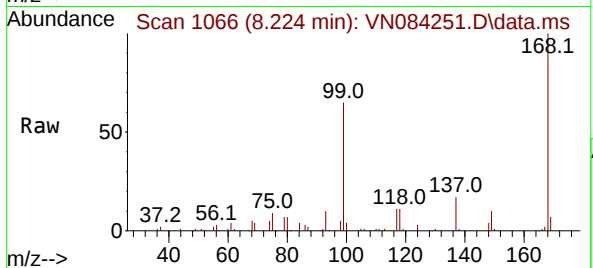
192 17.5 13.5 20.3



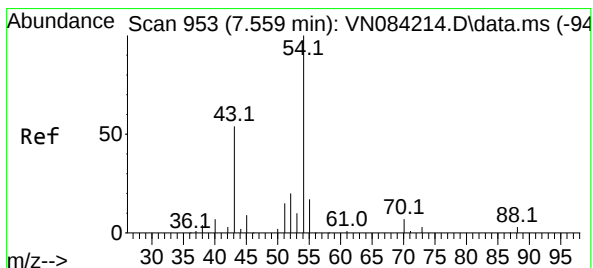
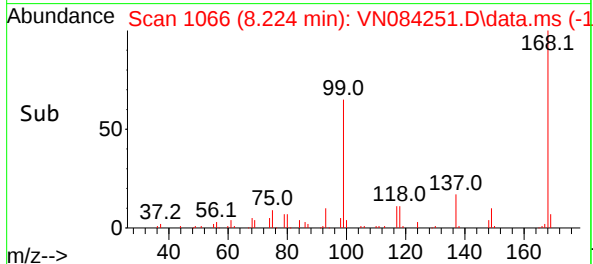
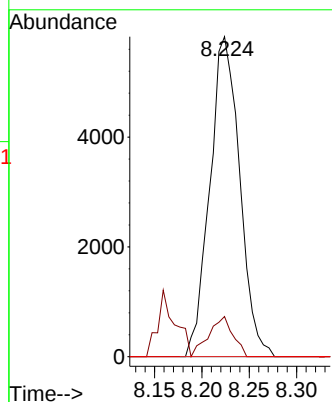


#36
1,1-Dichloropropene
Concen: 5.231 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

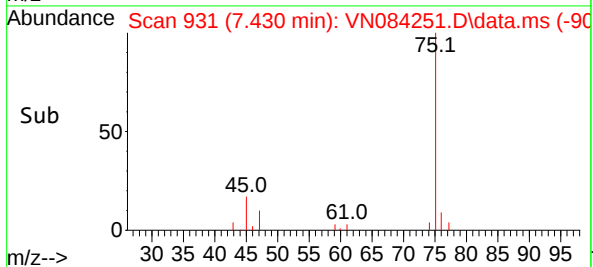
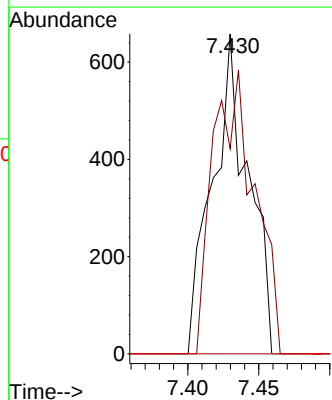
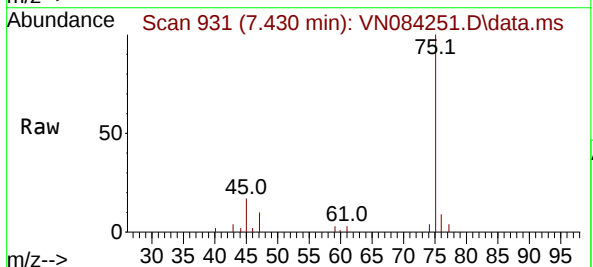


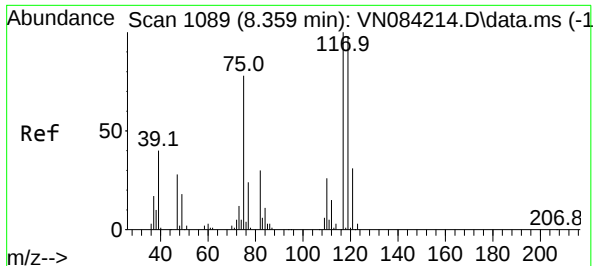
Tgt Ion: 75 Resp: 12816
Ion Ratio Lower Upper
75 100
110 9.6 16.9 50.7#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.460 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.129 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

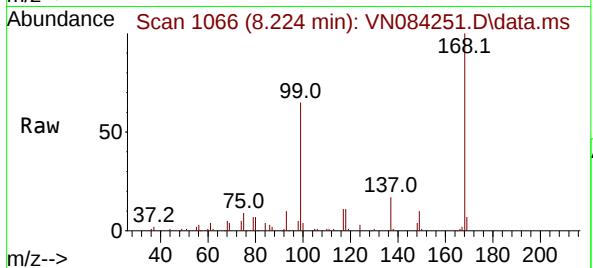
Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
61 103.7 10.7 16.1#
70 0.0 8.8 13.2#



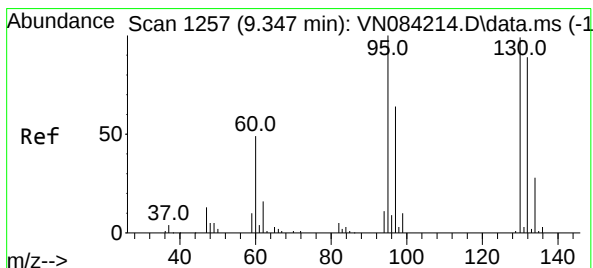
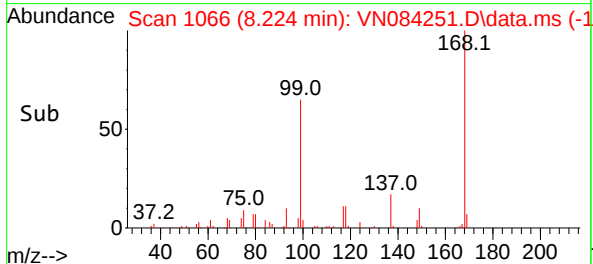
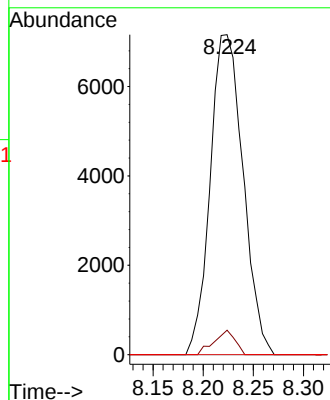


#38
Carbon Tetrachloride
Concen: 6.076 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

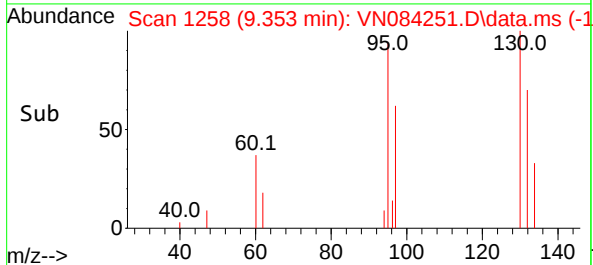
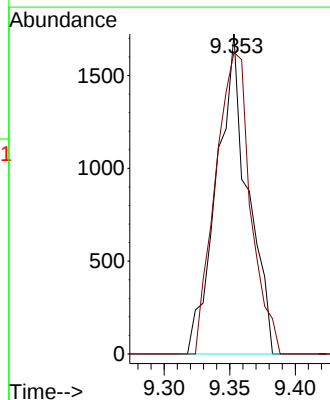
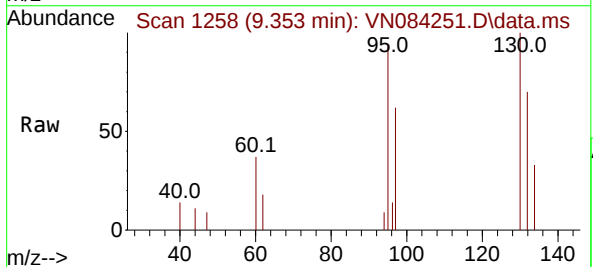


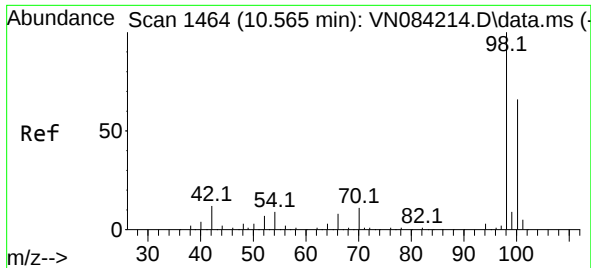
Tgt Ion:117 Resp: 16327
Ion Ratio Lower Upper
117 100
119 7.7 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.589 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Tgt Ion:130 Resp: 2833
Ion Ratio Lower Upper
130 100
95 94.3 0.0 203.0

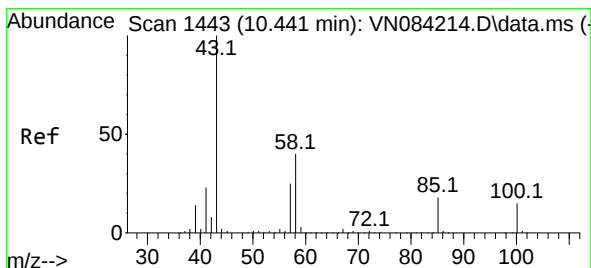
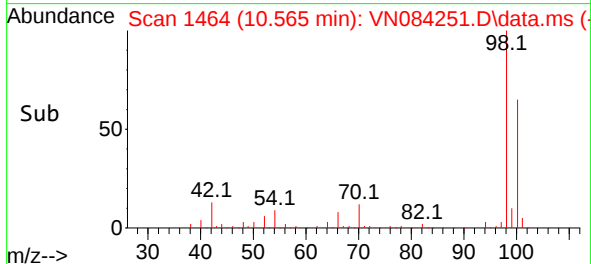
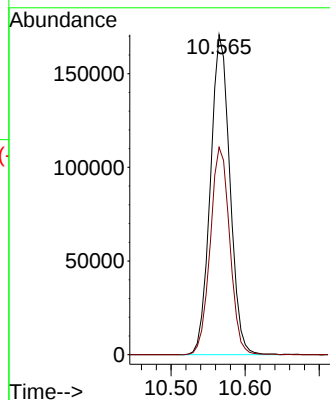
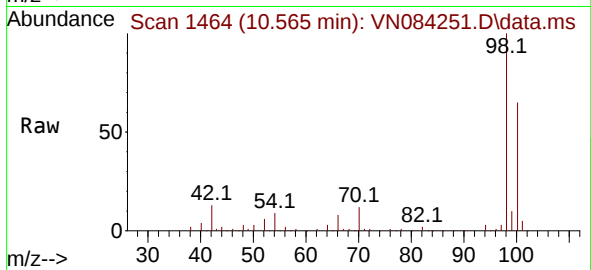




#50
Toluene-d8
Concen: 50.294 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

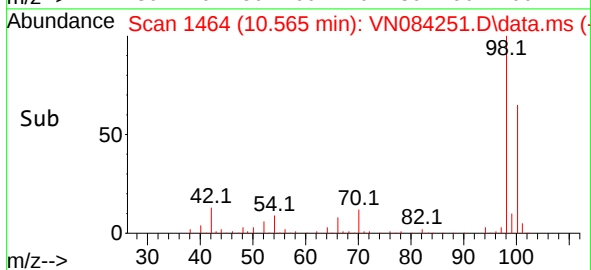
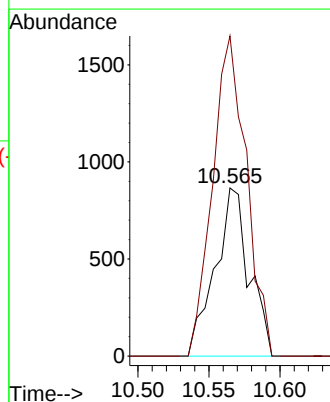
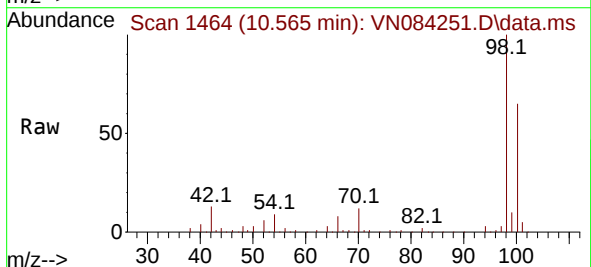
Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

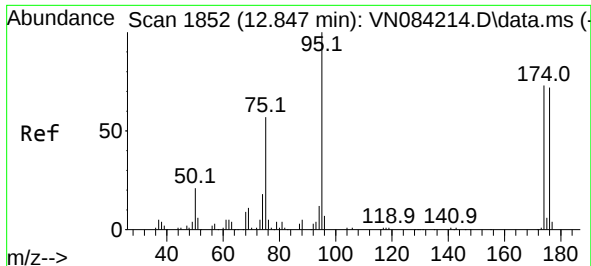
Tgt Ion: 98 Resp: 312085
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 189.6 31.6 47.4#

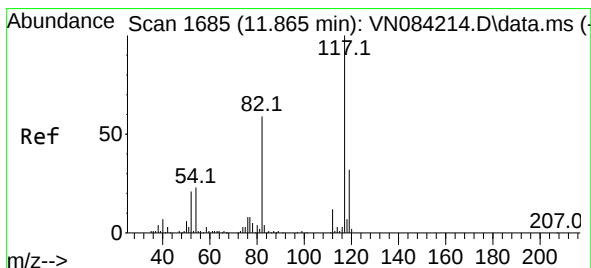
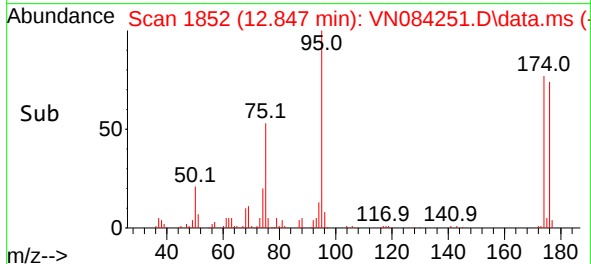
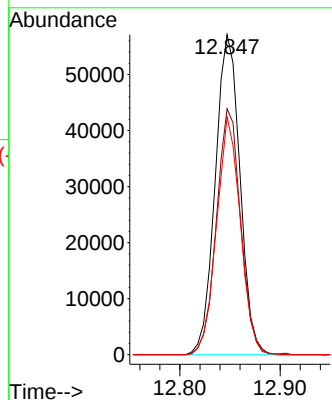
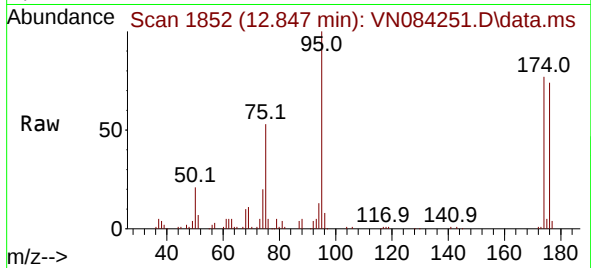




#62
4-Bromofluorobenzene
Concen: 43.224 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

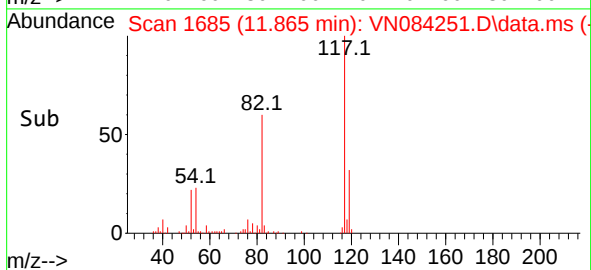
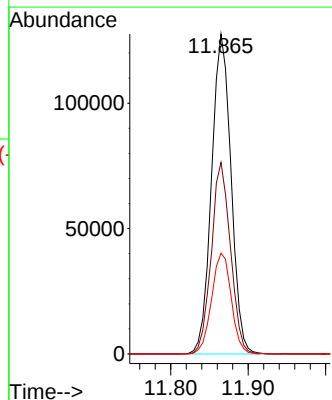
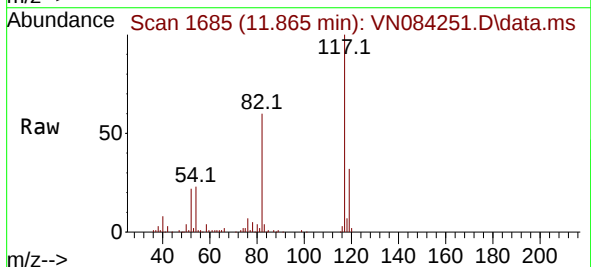
Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

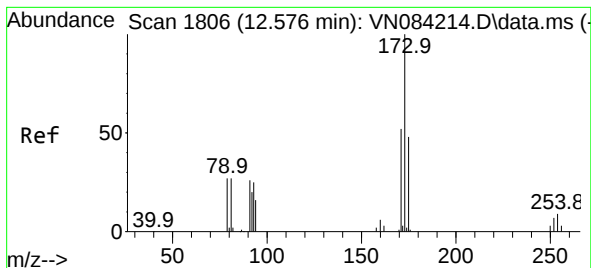
Tgt Ion: 95 Resp: 97712
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.2
176 71.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 117 Resp: 222969
Ion Ratio Lower Upper
117 100
82 59.8 47.2 70.8
119 31.5 25.4 38.0





#71

Bromoform

Concen: 0.532 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN084251.D

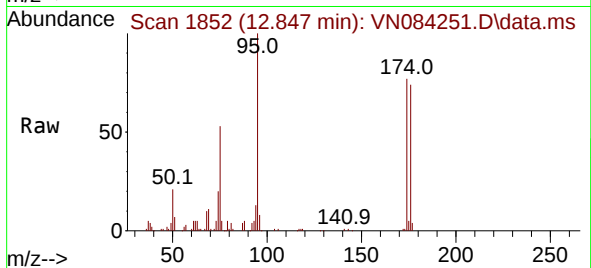
Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_N

ClientSampleId :

TT14911-20240924



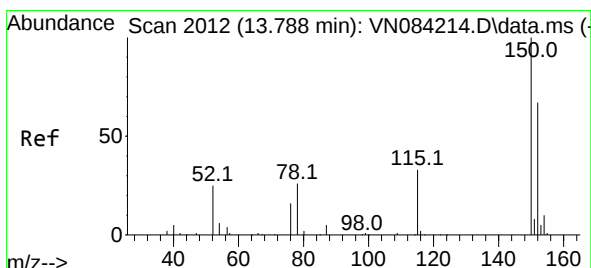
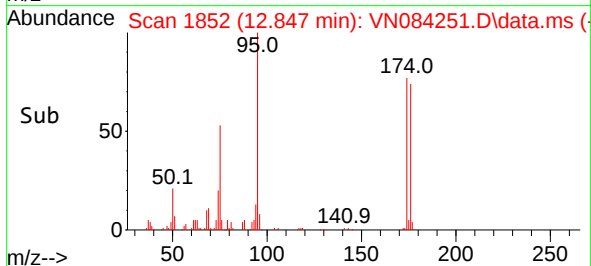
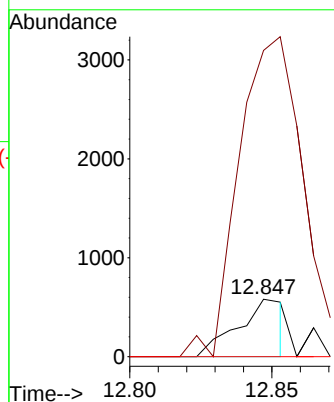
Tgt Ion:173 Resp: 667

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: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084251.D

Acq: 01 Oct 2024 19:54

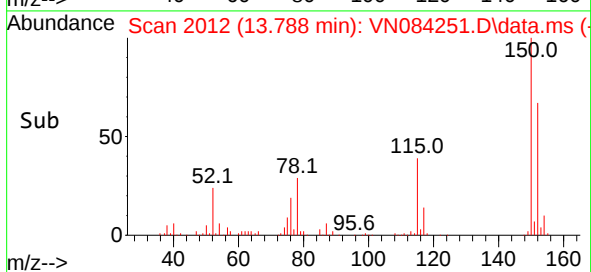
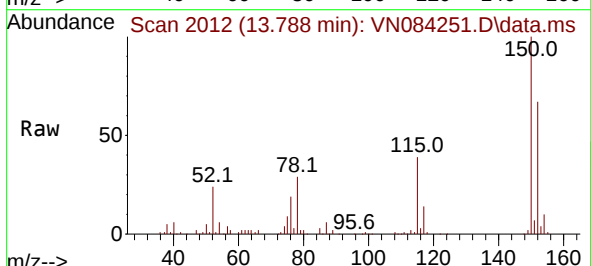
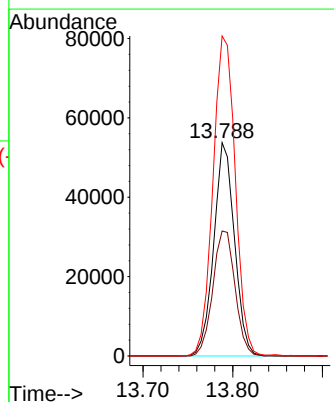
Tgt Ion:152 Resp: 86280

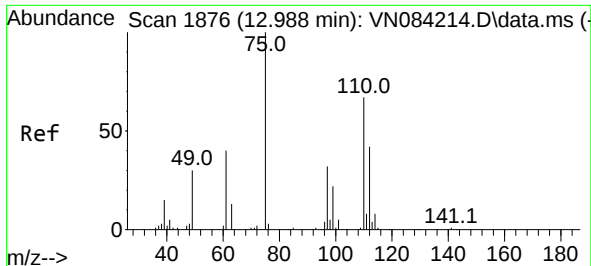
Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.9

150 161.4 0.0 349.8

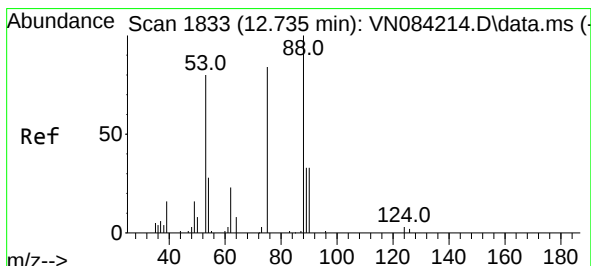
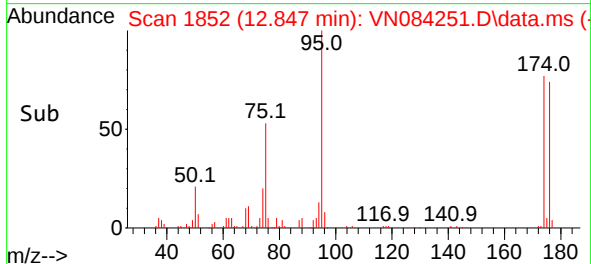
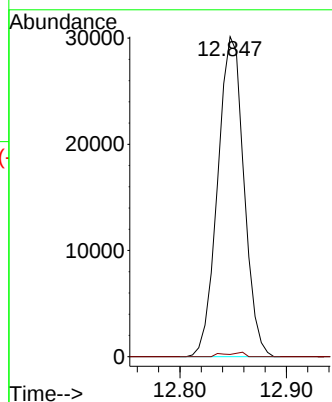
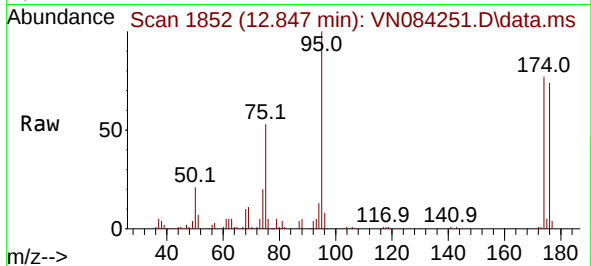




#76
1,2,3-Trichloropropane
Concen: 29.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Instrument :
MSVOA_N
ClientSampleId :
TT14911-20240924

Tgt Ion: 75 Resp: 51600
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.232 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084251.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 75 Resp: 51600
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

