

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084242.D
 Acq On : 01 Oct 2024 16:18
 Operator : JC\MD
 Sample : P4116-20RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D2-20240918

Quant Time: Oct 02 02:04:38 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)

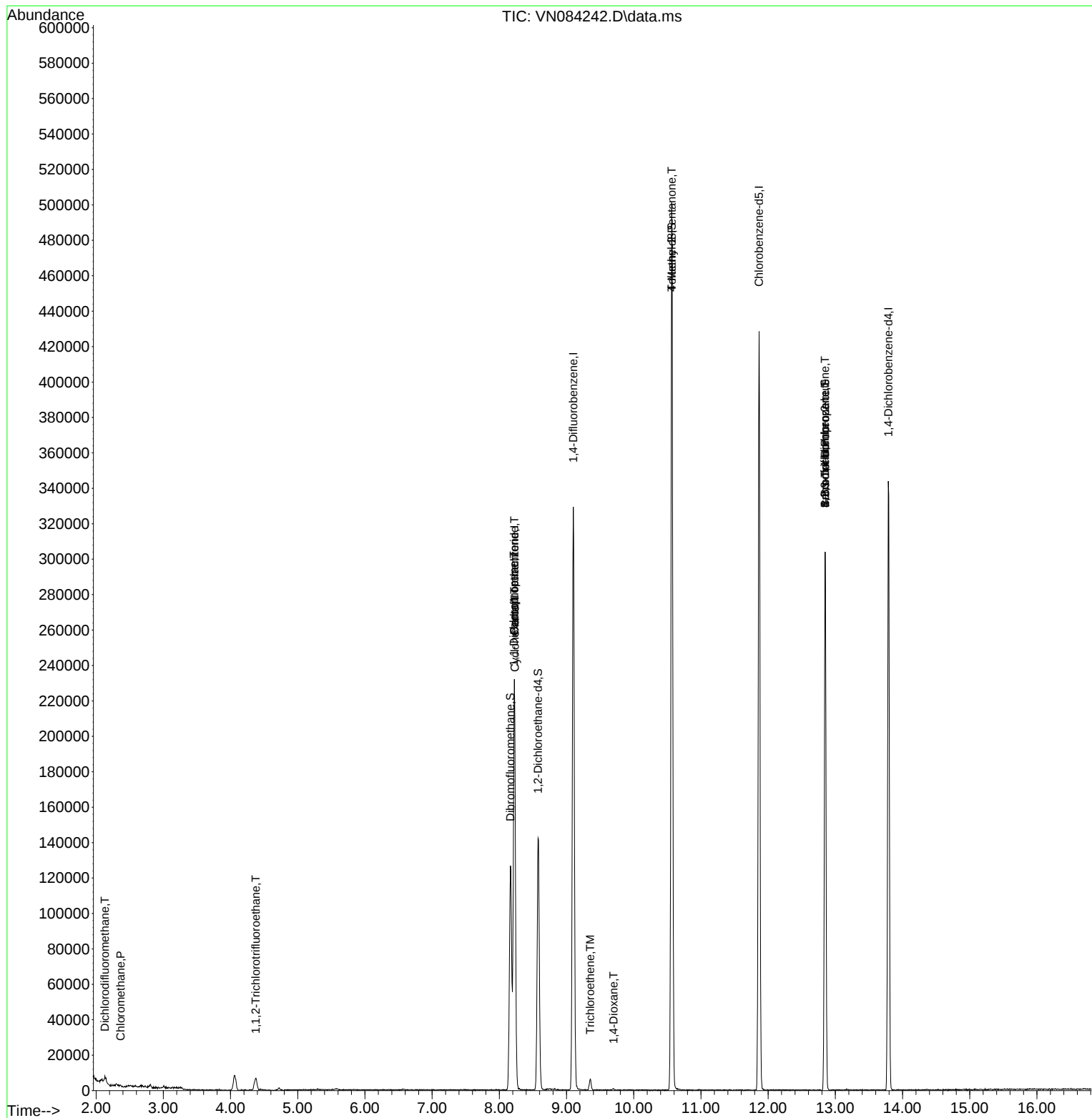
Internal Standards						
1) Pentafluorobenzene	8.224	168	160319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117664	49.500	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.000%		
35) Dibromofluoromethane	8.165	113	92867	50.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.260%		
50) Toluene-d8	10.565	98	338882	50.217	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.440%		
62) 4-Bromofluorobenzene	12.847	95	106535	43.333	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	2321	1.224	ug/l	88
3) Chloromethane	2.365	50	475	0.219	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	4.377	101	4906	2.622	ug/l	98
31) Cyclohexane	8.230	56	4083	1.160	ug/l #	23
36) 1,1-Dichloropropene	8.218	75	13892	5.214	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17899	6.124	ug/l #	15
44) Trichloroethene	9.353	130	2361	1.218	ug/l	96
49) 1,4-Dioxane	9.700	88	599	15.267	ug/l #	80
51) 4-Methyl-2-Pentanone	10.565	43	1516	0.583	ug/l #	1
71) Bromoform	12.847	173	662	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57562	31.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57562	74.548	ug/l #	11

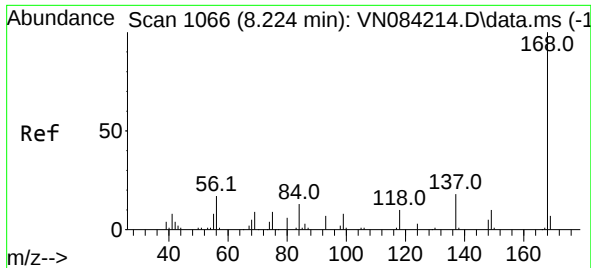
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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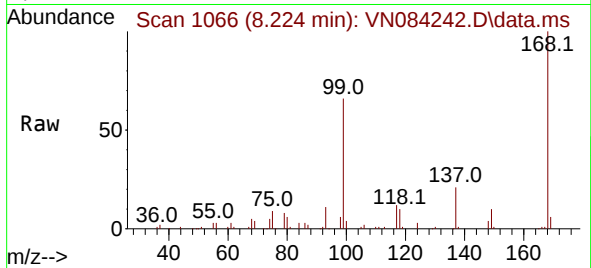
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



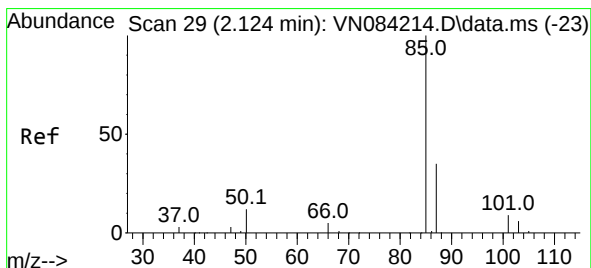
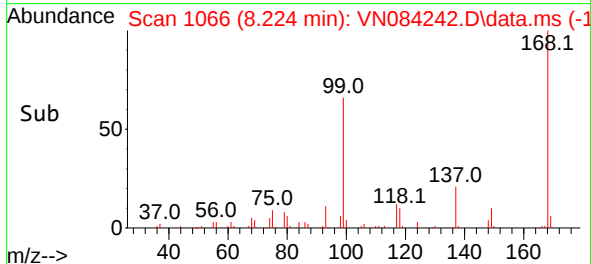
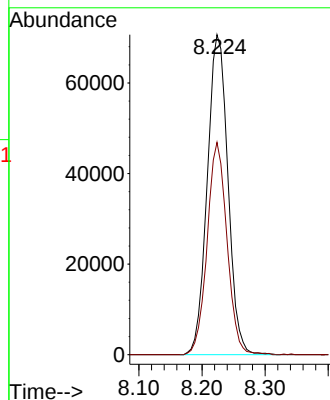


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

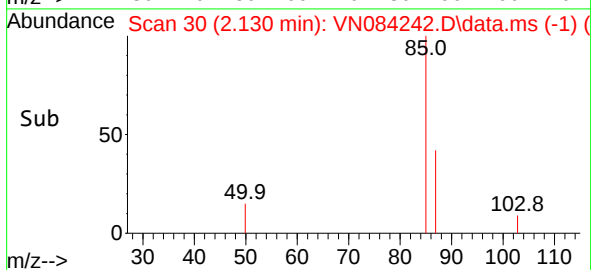
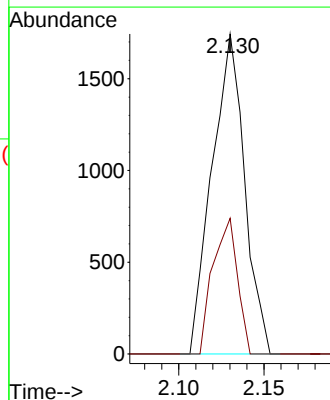
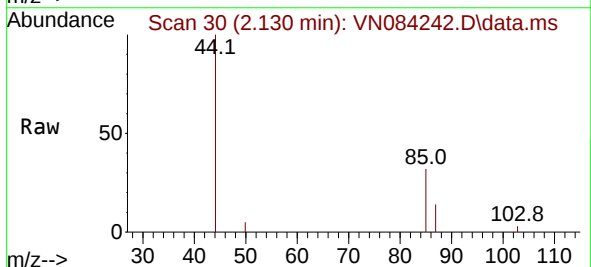


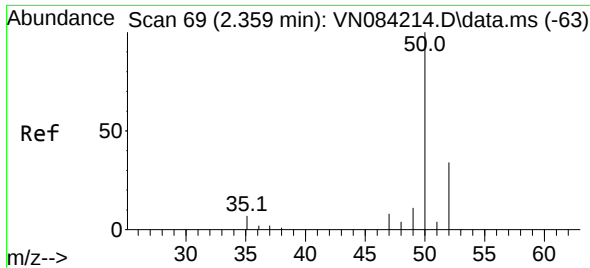
Tgt Ion:168 Resp: 160319
Ion Ratio Lower Upper
168 100
99 66.4 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 1.224 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 85 Resp: 2321
Ion Ratio Lower Upper
85 100
87 42.4 17.6 52.9

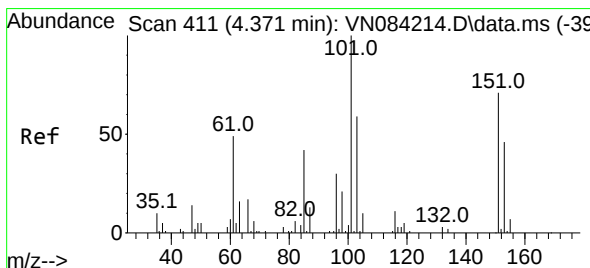
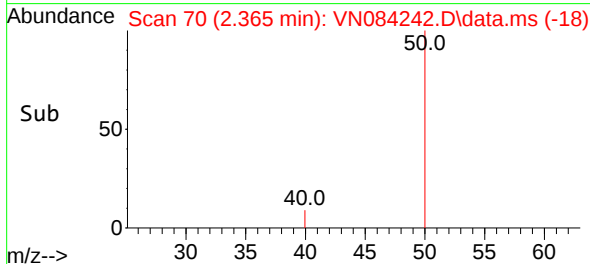
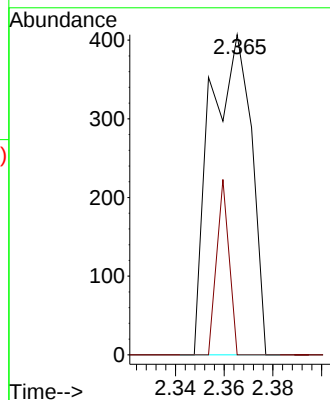
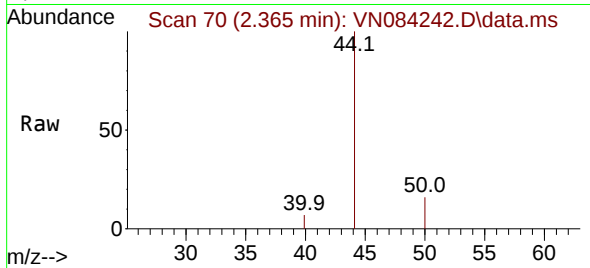




#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

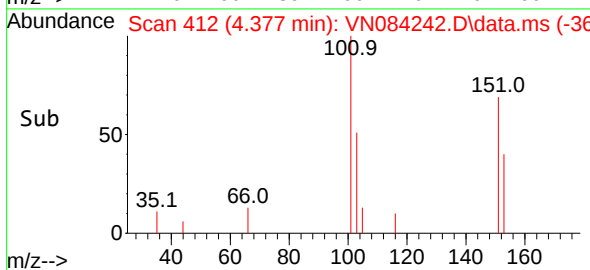
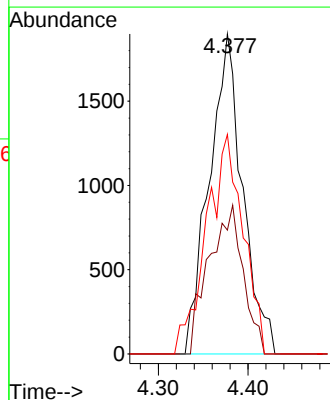
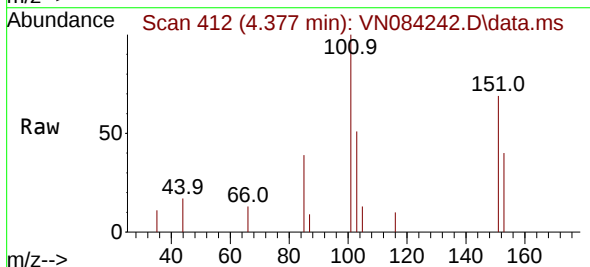
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

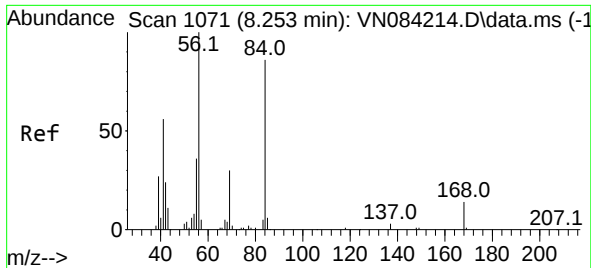
Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.622 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 101 Resp: 4906
Ion Ratio Lower Upper
101 100
85 47.5 36.2 54.4
151 75.2 59.3 88.9

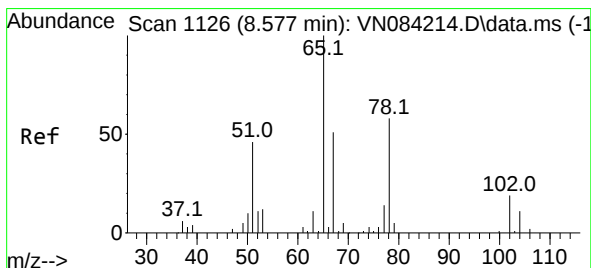
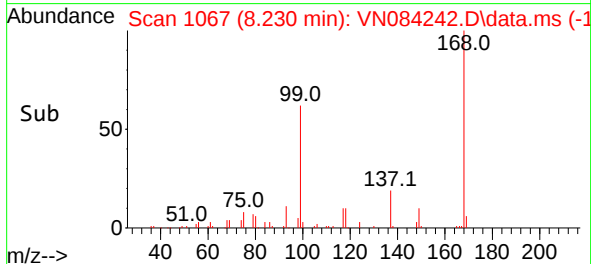
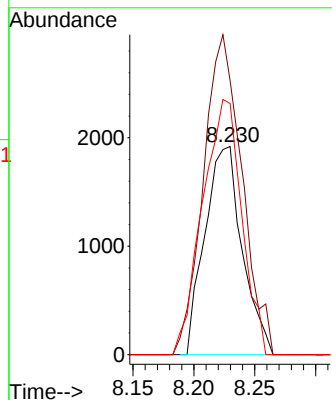
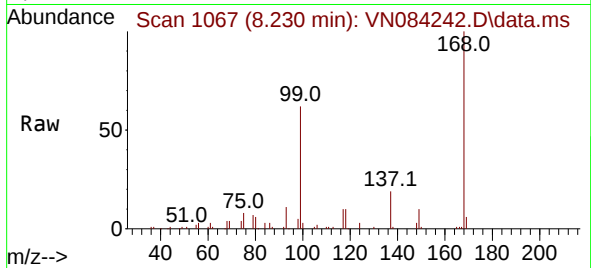




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.230 min Scan# 1071
Delta R.T. -0.023 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

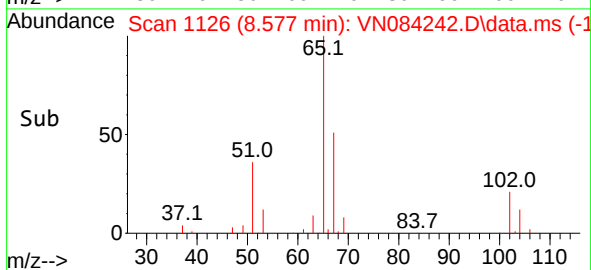
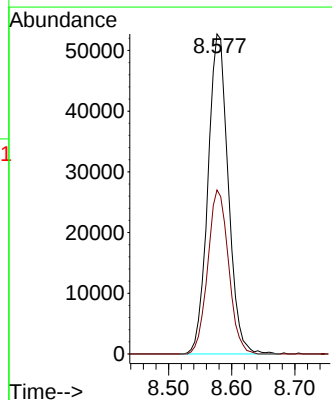
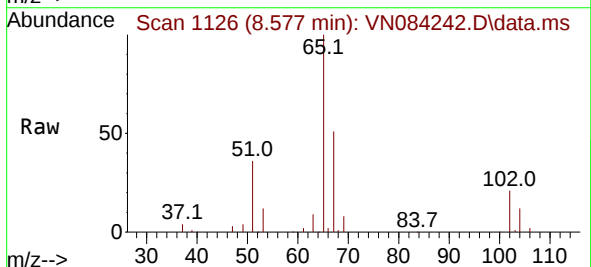
Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

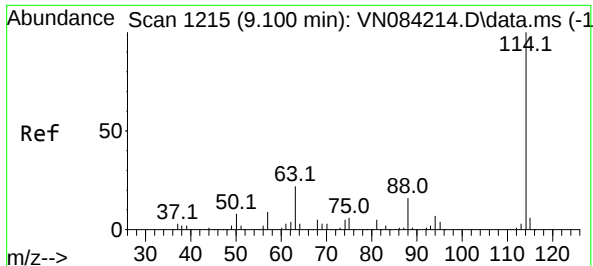
Tgt Ion: 56 Resp: 4083
Ion Ratio Lower Upper
56 100
69 131.7 23.8 35.6#
84 120.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.500 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 65 Resp: 117664
Ion Ratio Lower Upper
65 100
67 52.4 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: VN084242.D

Acq: 01 Oct 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

RE132D2-20240918

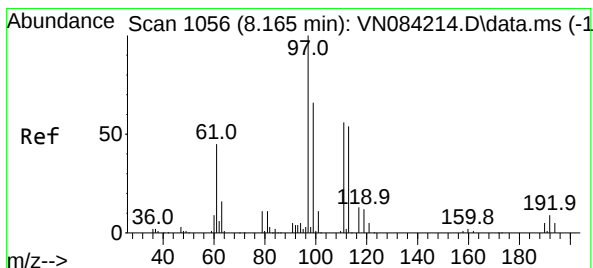
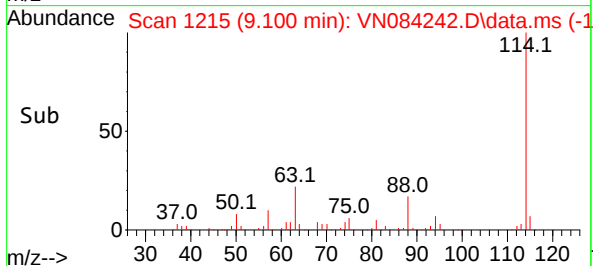
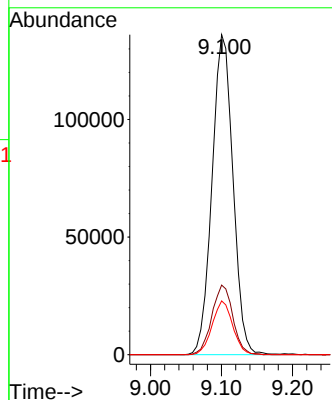
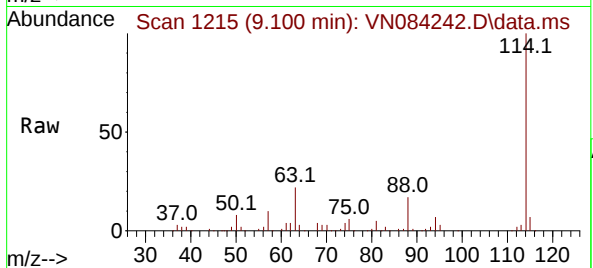
Tgt Ion:114 Resp: 278228

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 16.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.629 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084242.D

Acq: 01 Oct 2024 16:18

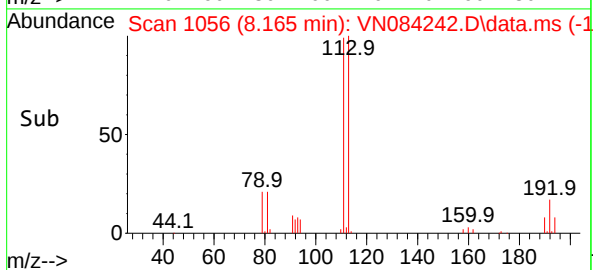
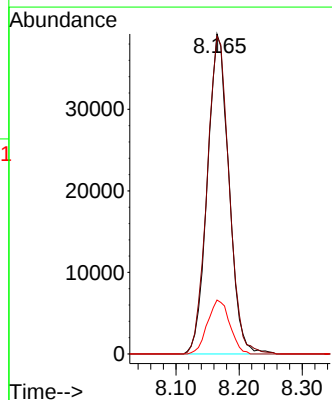
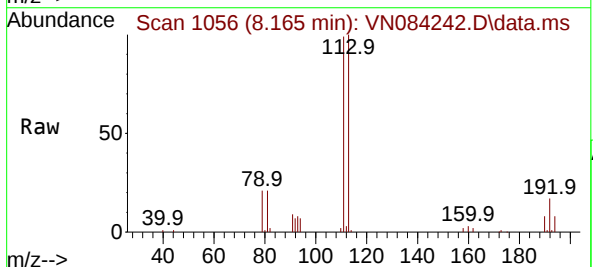
Tgt Ion:113 Resp: 92867

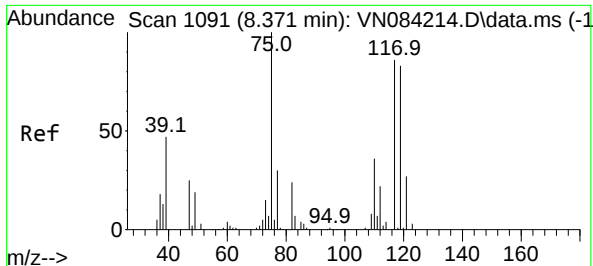
Ion Ratio Lower Upper

113 100

111 101.5 83.3 124.9

192 17.4 13.5 20.3

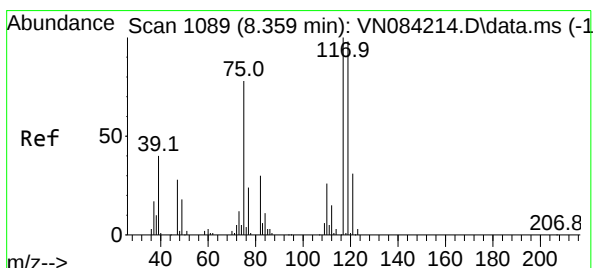
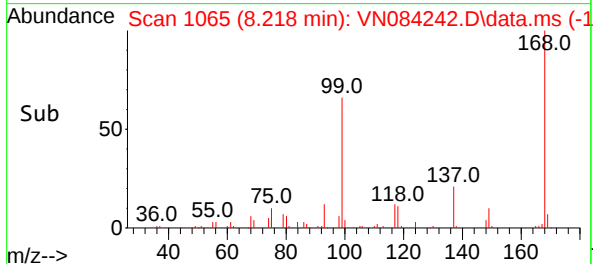
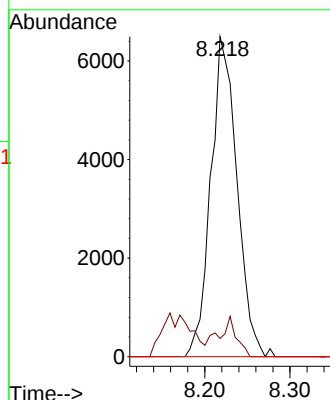
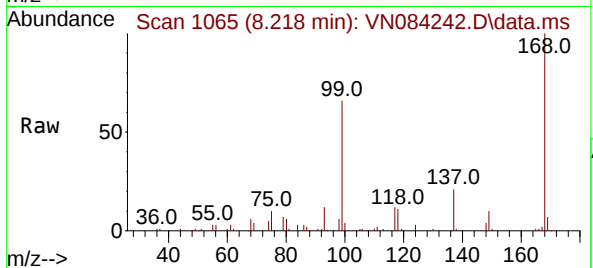




#36
1,1-Dichloropropene
Concen: 5.214 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

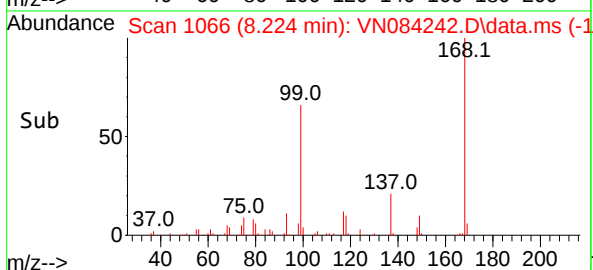
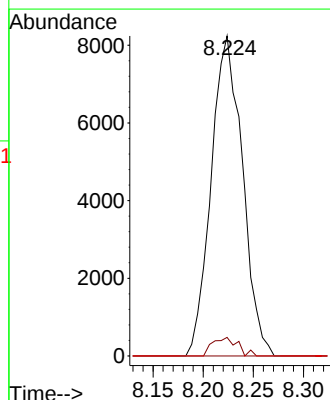
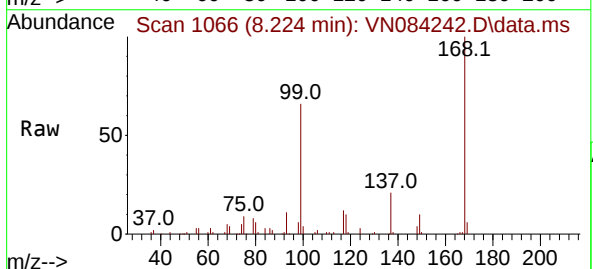
Instrument :
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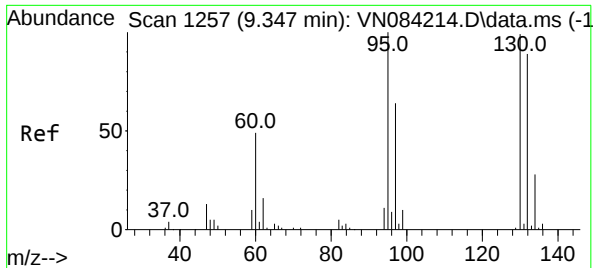
Tgt Ion: 75 Resp: 13892
Ion Ratio Lower Upper
75 100
110 8.7 16.9 50.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 117 Resp: 17899
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 24.4 36.6#

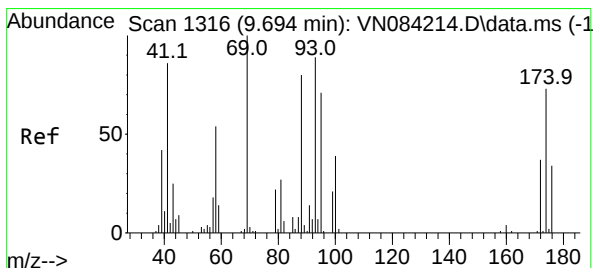
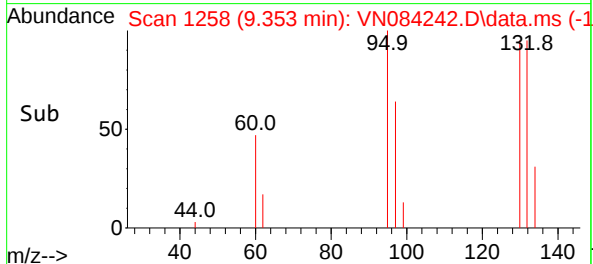
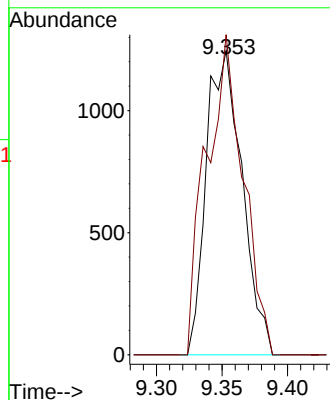
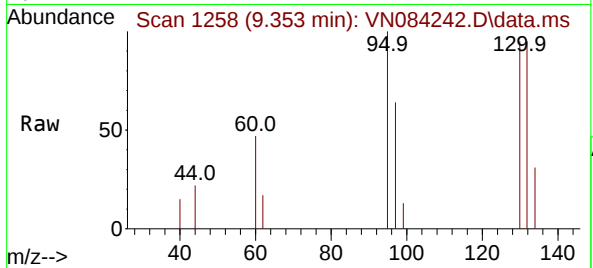




#44
Trichloroethene
Concen: 1.218 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

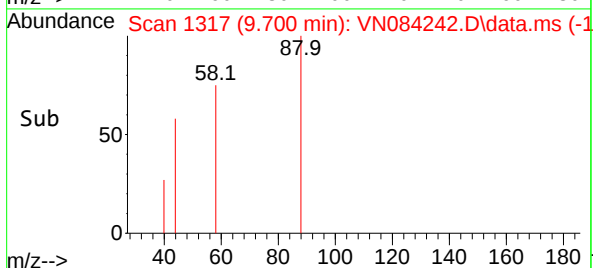
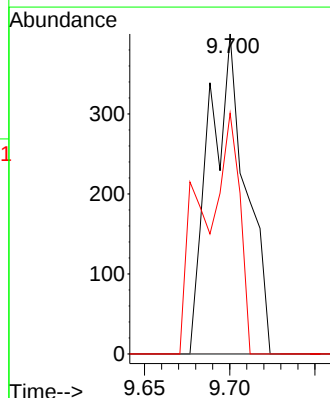
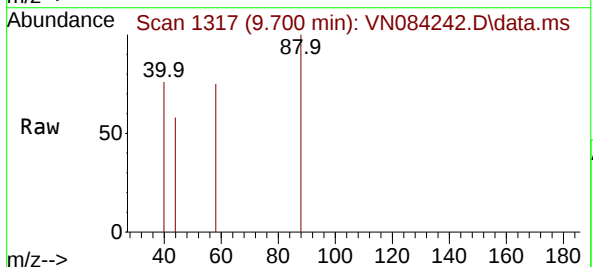
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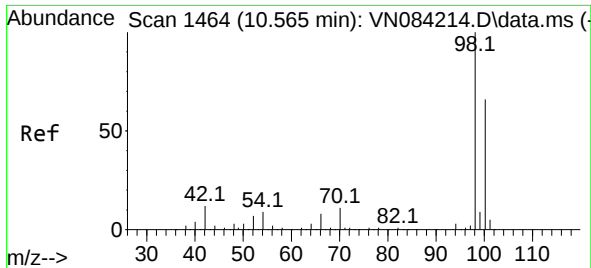
Tgt Ion:130 Resp: 2361
Ion Ratio Lower Upper
130 100
95 105.2 0.0 203.0



#49
1,4-Dioxane
Concen: 15.267 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 88 Resp: 599
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 73.8 56.4 84.6

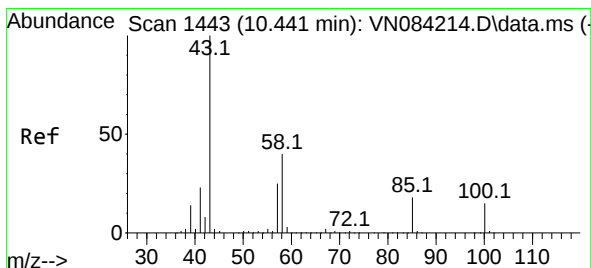
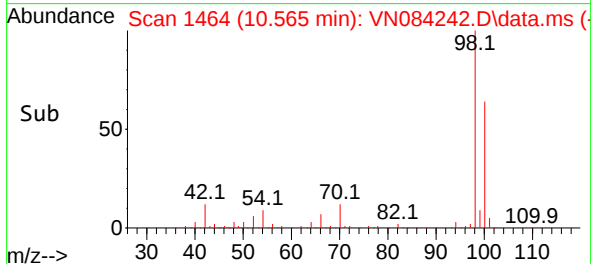
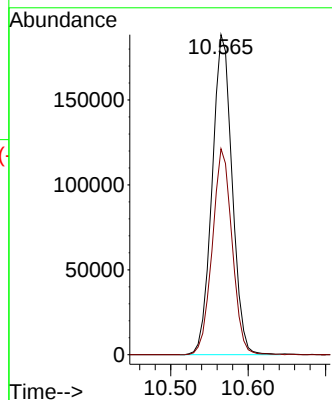
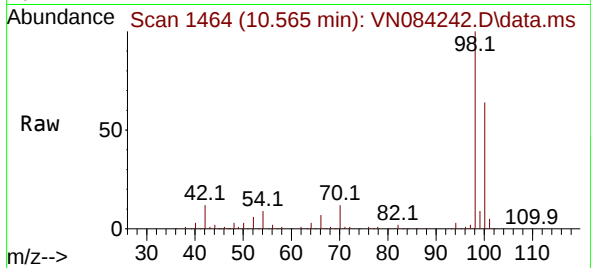




#50
Toluene-d8
Concen: 50.217 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

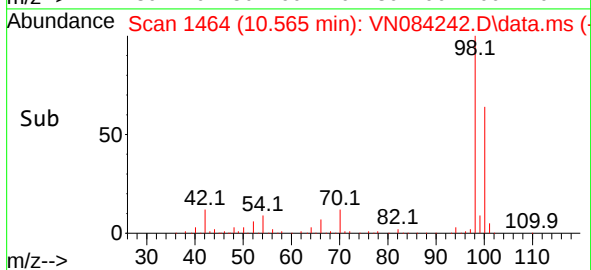
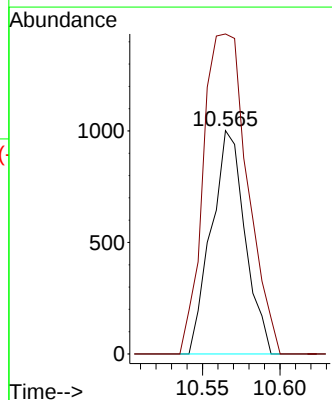
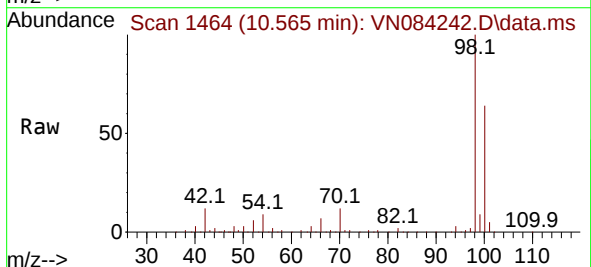
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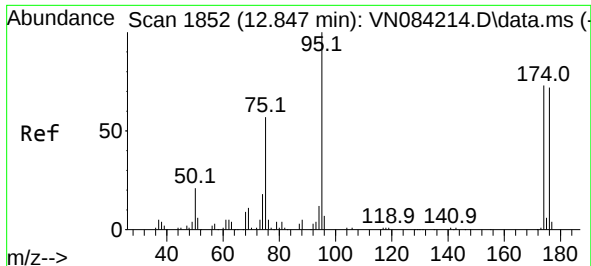
Tgt Ion: 98 Resp: 338882
Ion Ratio Lower Upper
98 100
100 63.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 187.5 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 43.333 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084242.D

Acq: 01 Oct 2024 16:18

Instrument :

MSVOA_N

ClientSampleId :

RE132D2-20240918

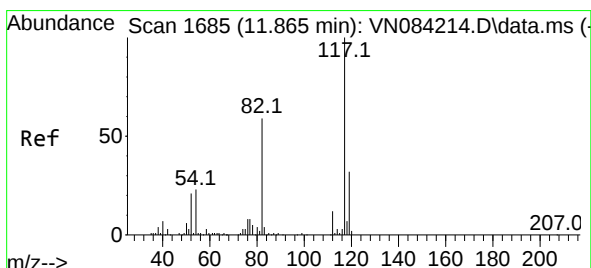
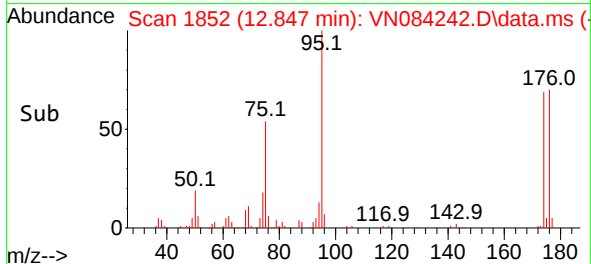
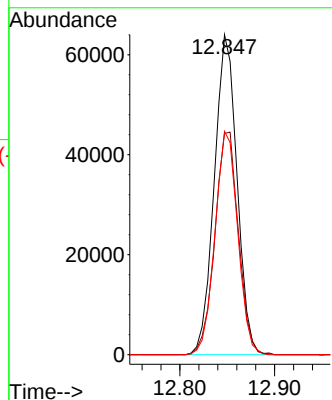
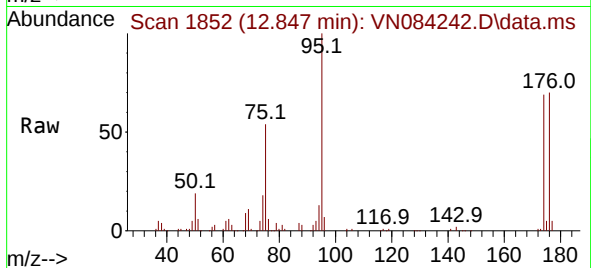
Tgt Ion: 95 Resp: 106535

Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.2

176 70.0 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: VN084242.D

Acq: 01 Oct 2024 16:18

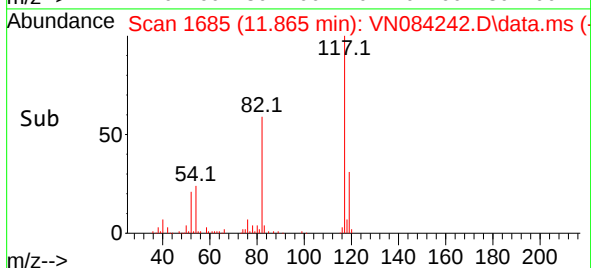
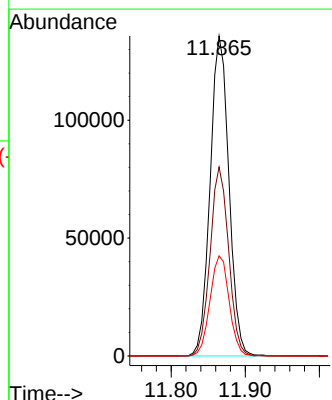
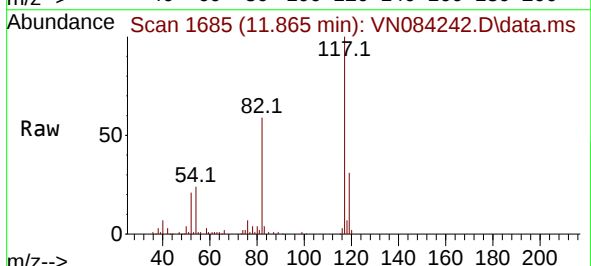
Tgt Ion: 117 Resp: 239214

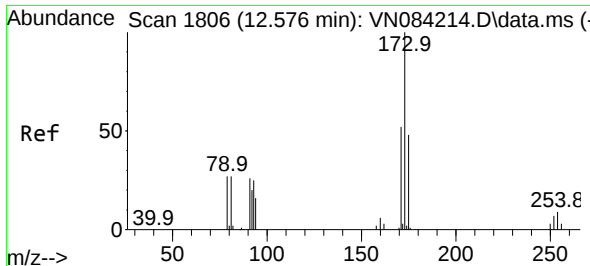
Ion Ratio Lower Upper

117 100

82 59.1 47.2 70.8

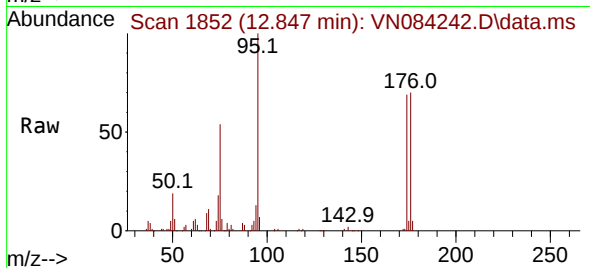
119 31.3 25.4 38.0



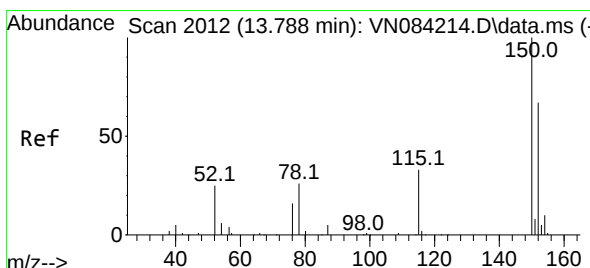
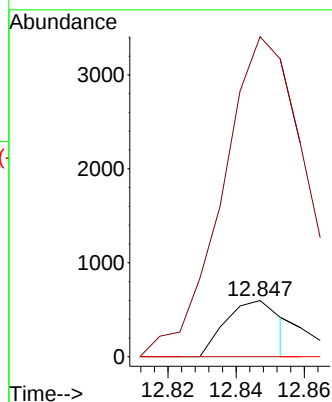
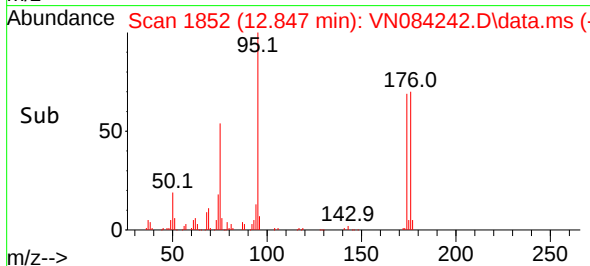


#71
Bromoform
Concen: 0.492 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

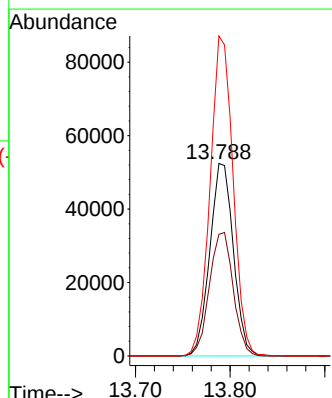
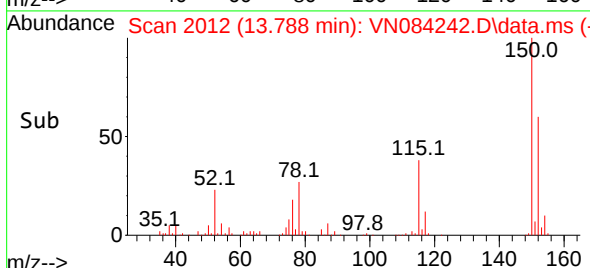
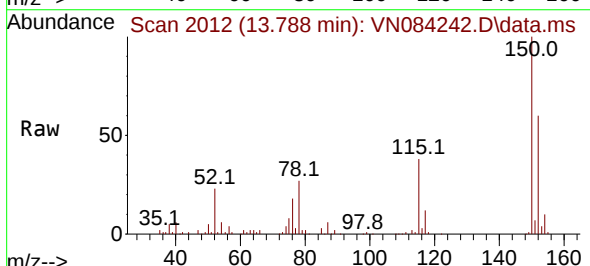


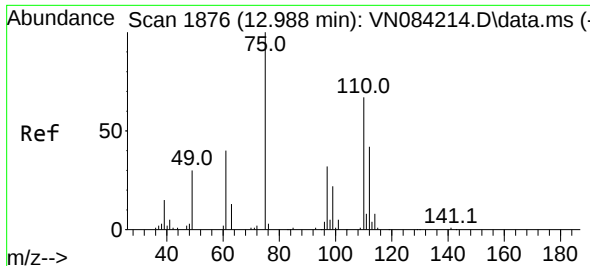
Tgt Ion:173 Resp: 662
Ion Ratio Lower Upper
173 100
175 656.9 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion:152 Resp: 90677
Ion Ratio Lower Upper
152 100
115 64.9 31.3 93.9
150 161.8 0.0 349.8

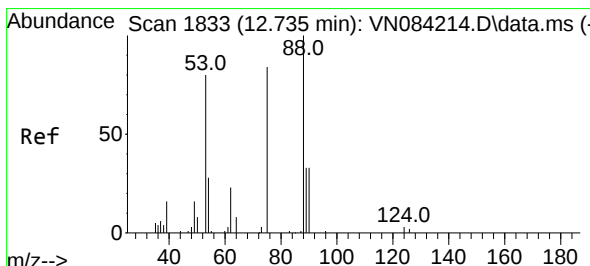
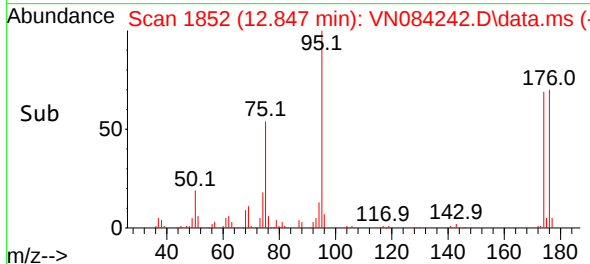
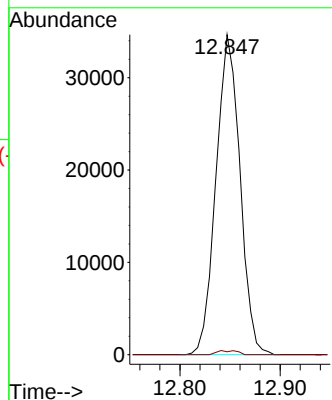
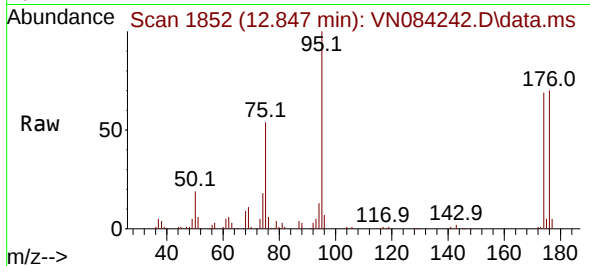




#76
1,2,3-Trichloropropane
Concen: 31.094 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Instrument :
MSVOA_N
ClientSampleId :
RE132D2-20240918

Tgt Ion: 75 Resp: 57562
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.548 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084242.D
Acq: 01 Oct 2024 16:18

Tgt Ion: 75 Resp: 57562
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

