

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084272.D
 Acq On : 02 Oct 2024 18:09
 Operator : JC\MD
 Sample : P4226-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW-01S-20240925

Quant Time: Oct 03 02:03:10 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)

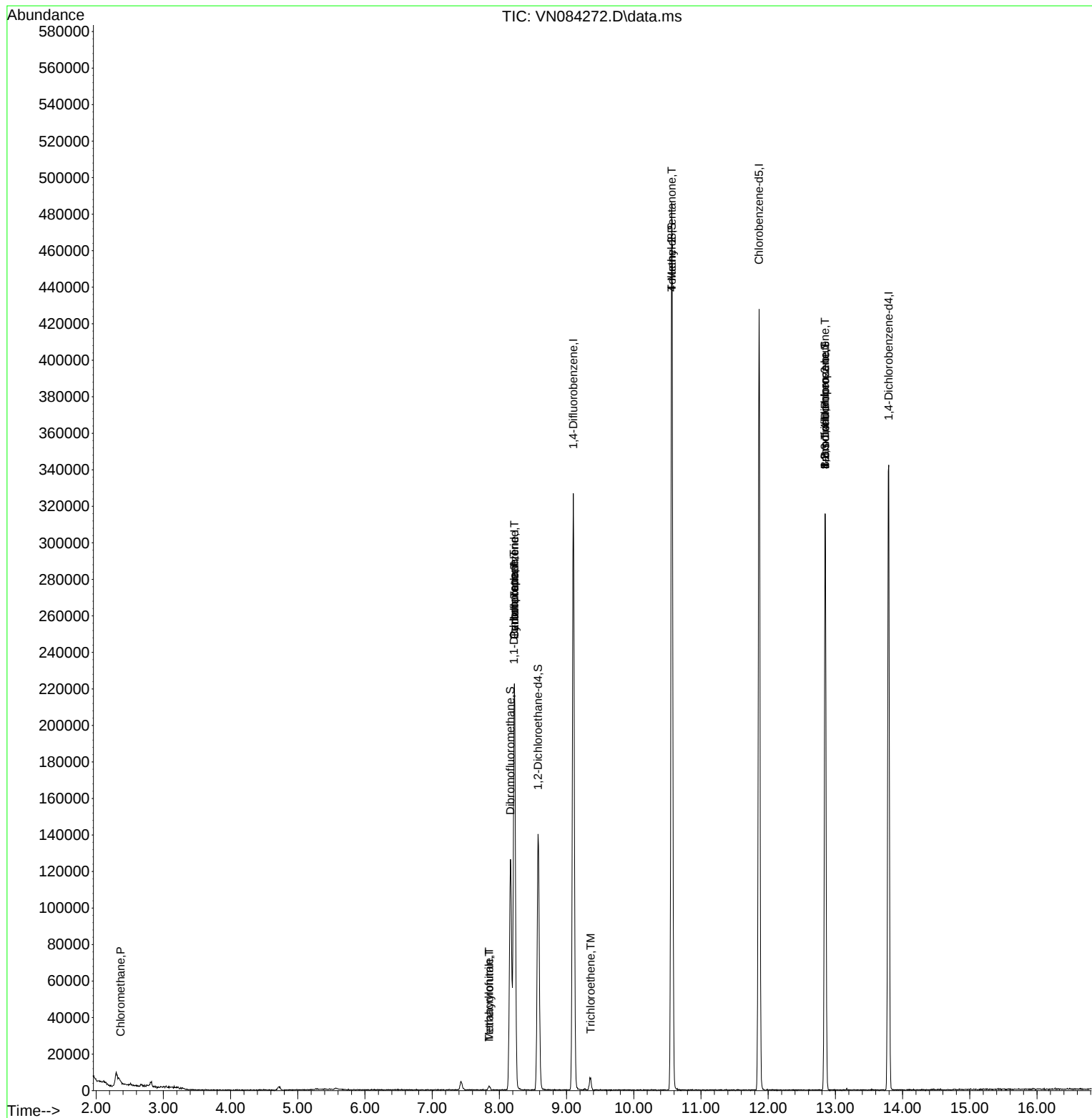
Internal Standards						
1) Pentafluorobenzene	8.224	168	157582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116483	49.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	8.165	113	91248	50.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	10.565	98	332282	50.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.847	95	108440	44.880	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	497	0.234	ug/l #	41
29) Tetrahydrofuran	7.847	42	1410	1.671	ug/l #	38
31) Cyclohexane	8.224	56	3682	1.064	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13853	5.290	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17610	6.131	ug/l #	15
41) Methacrylonitrile	7.847	41	943	0.647	ug/l #	45
44) Trichloroethene	9.359	130	2634	1.382	ug/l	67
51) 4-Methyl-2-Pentanone	10.565	43	1700	0.665	ug/l #	1
71) Bromoform	12.847	173	678	0.516	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	57878	30.394	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57878	72.869	ug/l #	11

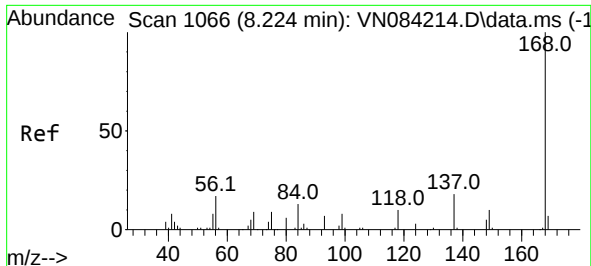
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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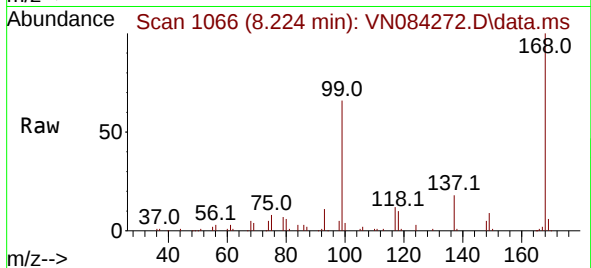
Quant Time: Oct 03 02:03:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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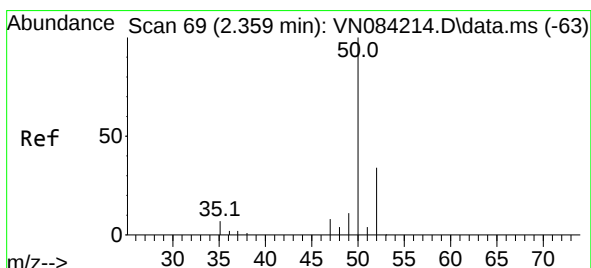
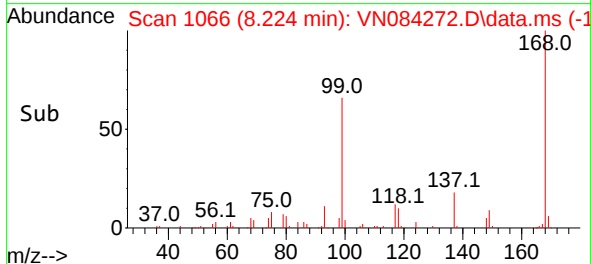
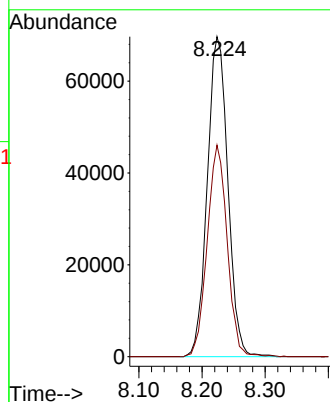


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

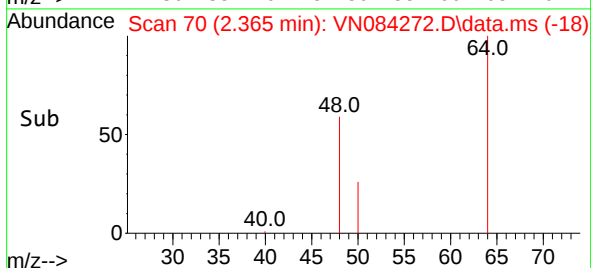
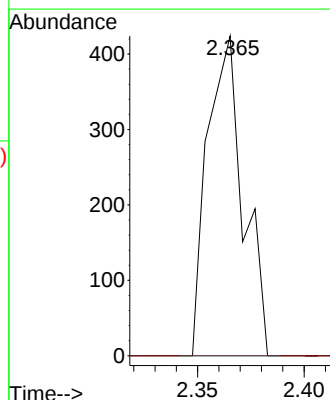
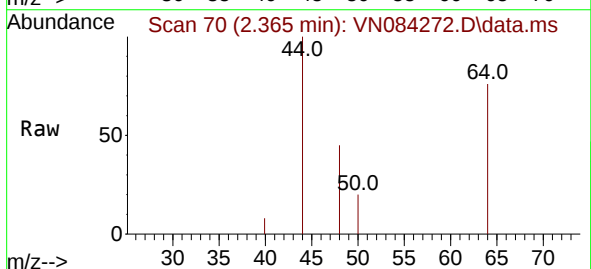


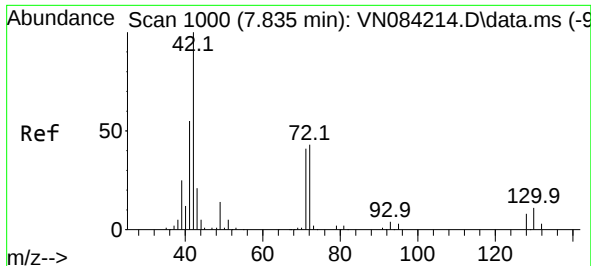
Tgt Ion:168 Resp: 157582
Ion Ratio Lower Upper
168 100
99 66.1 54.2 81.2



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#





#29

Tetrahydrofuran

Concen: 1.671 ug/l

RT: 7.847 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VN084272.D

Acq: 02 Oct 2024 18:09

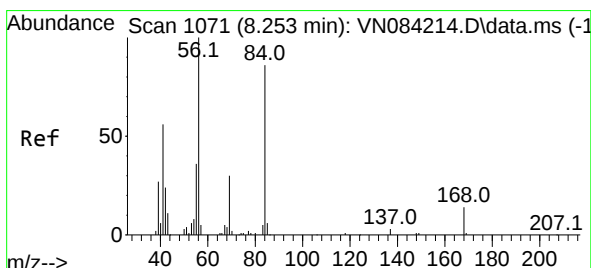
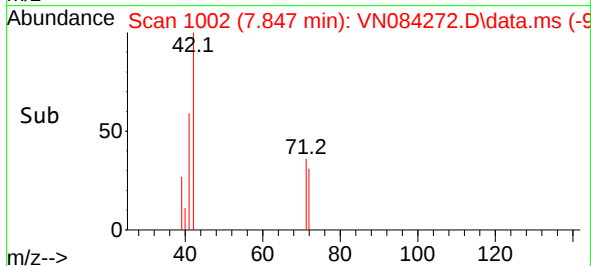
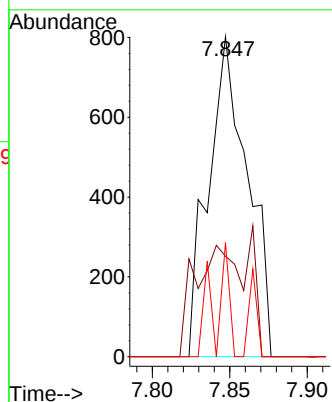
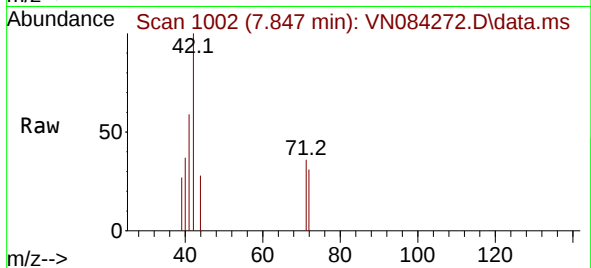
Instrument :

MSVOA_N

ClientSampleId :

RW9-MW-01S-20240925

Tgt Ion:	42	Resp:	1410
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	6.0	32.2	48.4#



#31

Cyclohexane

Concen: 1.064 ug/l

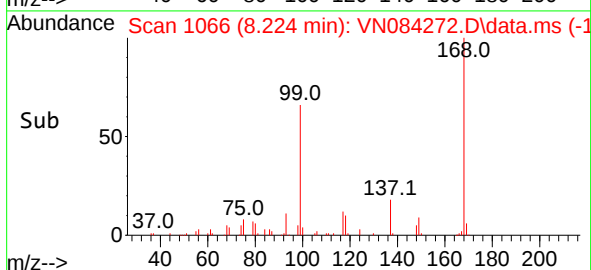
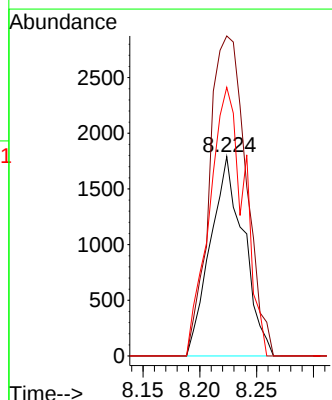
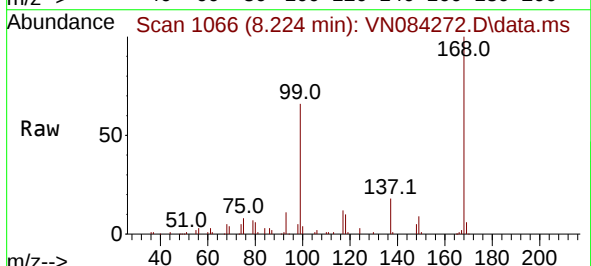
RT: 8.224 min Scan# 1066

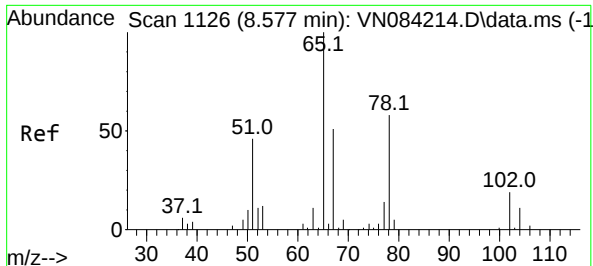
Delta R.T. -0.029 min

Lab File: VN084272.D

Acq: 02 Oct 2024 18:09

Tgt Ion:	56	Resp:	3682
Ion	Ratio	Lower	Upper
56	100		
69	160.6	23.8	35.6#
84	134.8	68.8	103.2#

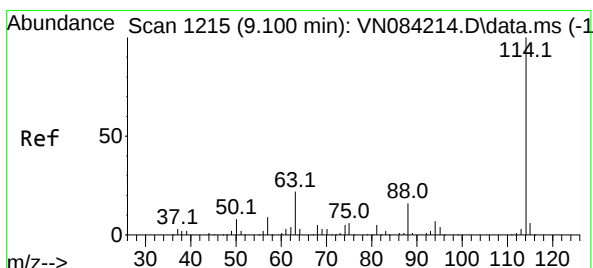
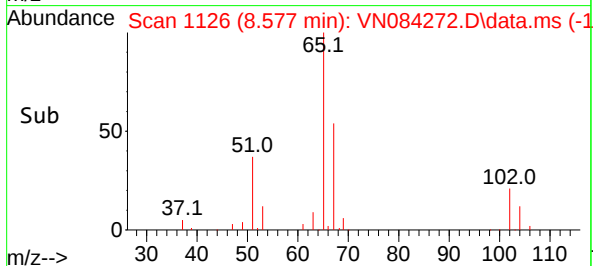
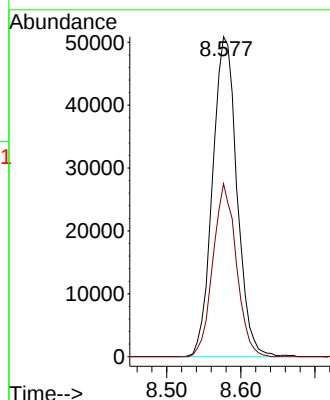
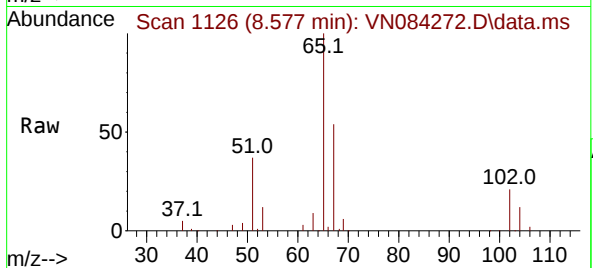




#33
1,2-Dichloroethane-d4
Concen: 49.855 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

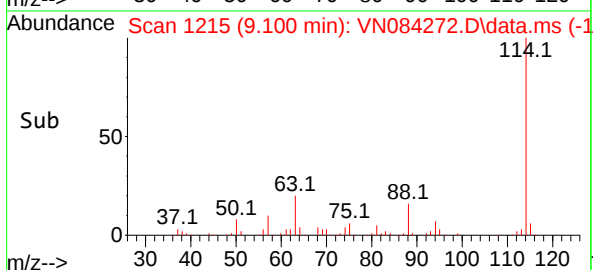
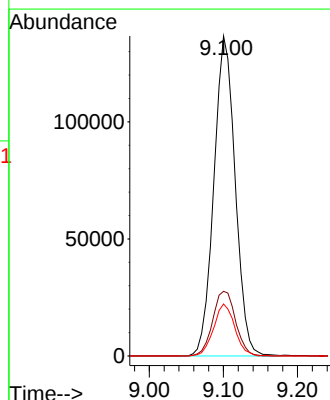
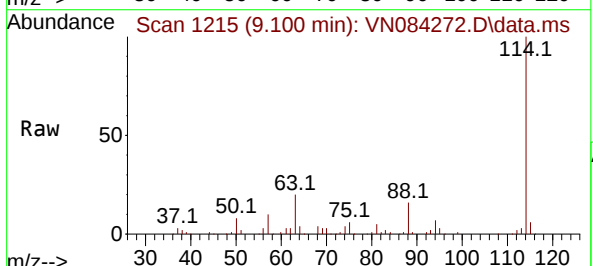
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

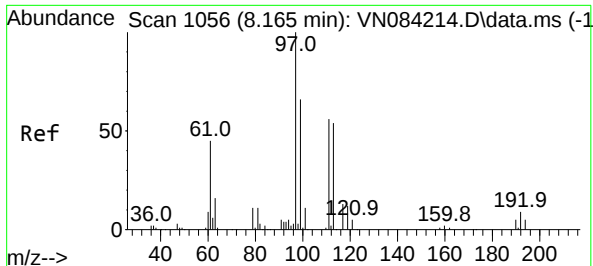
Tgt Ion: 65 Resp: 116483
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Tgt Ion: 114 Resp: 273445
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.8
88 16.3 0.0 31.6

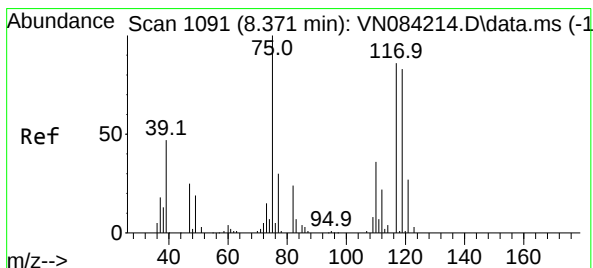
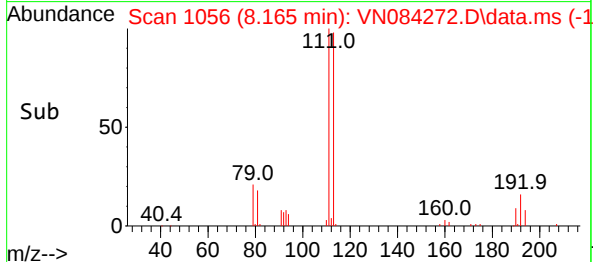
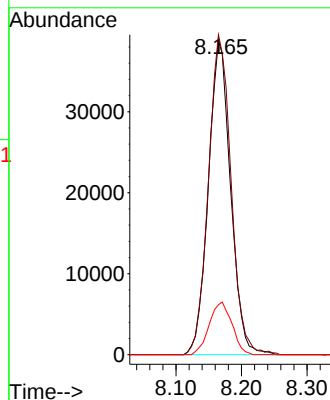
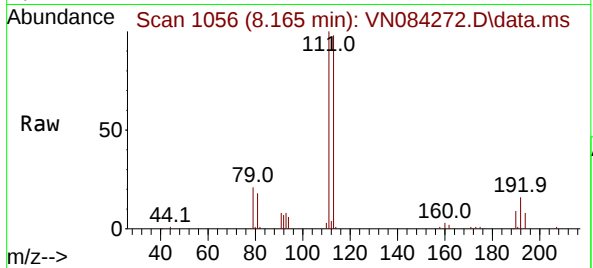




#35
Dibromofluoromethane
Concen: 50.617 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

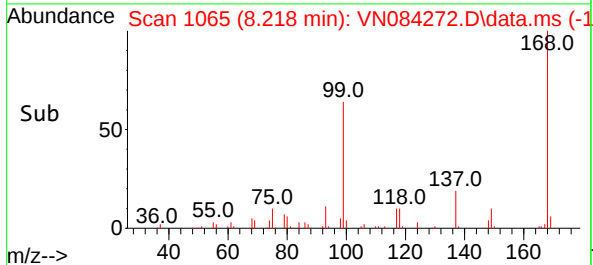
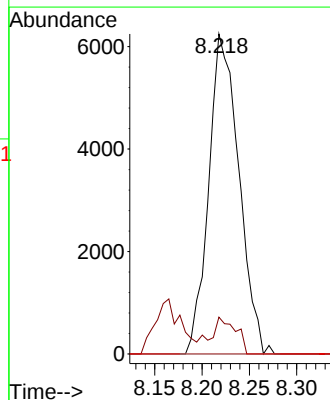
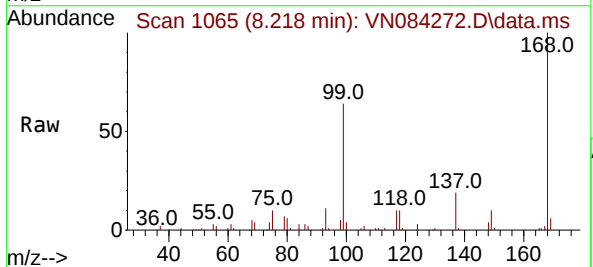
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

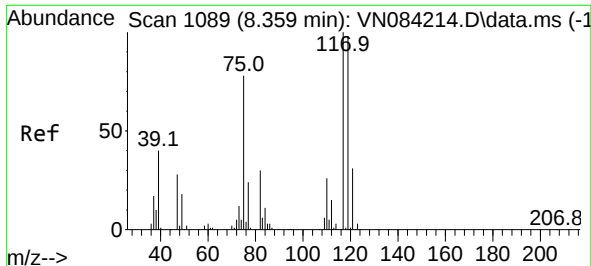
Tgt Ion:113 Resp: 91248
Ion Ratio Lower Upper
113 100
111 103.8 83.3 124.9
192 17.1 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Tgt Ion: 75 Resp: 13853
Ion Ratio Lower Upper
75 100
110 8.0 16.9 50.7#
77 0.0 24.7 37.1#

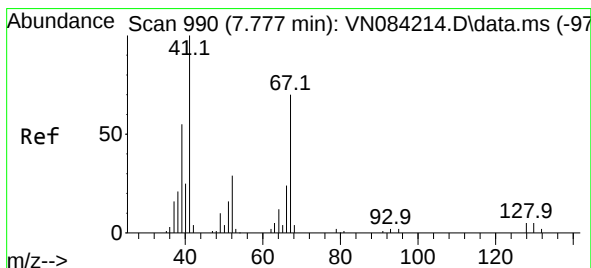
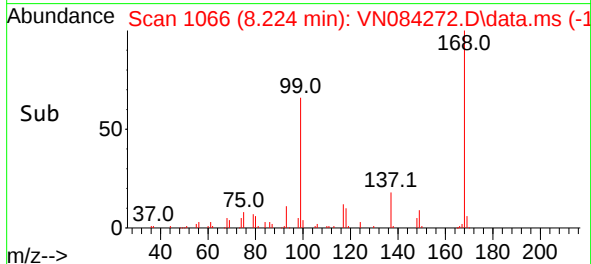
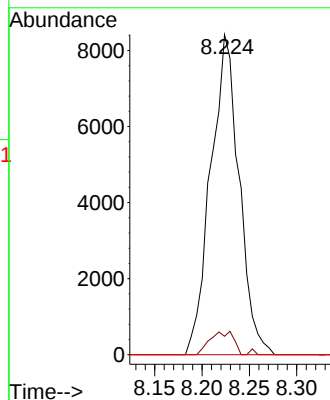
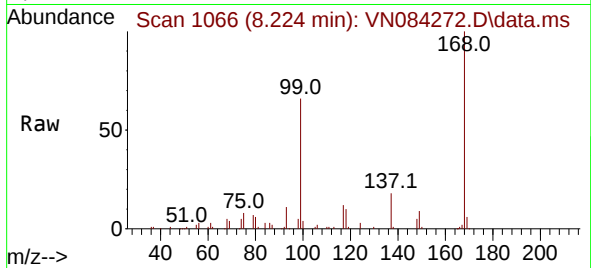




#38
Carbon Tetrachloride
Concen: 6.131 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

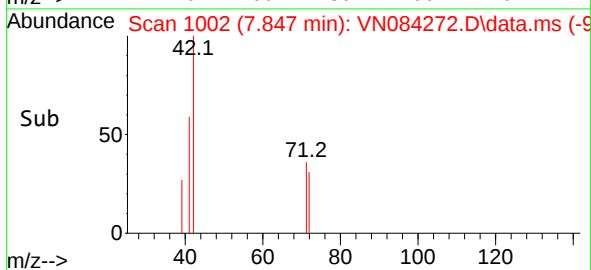
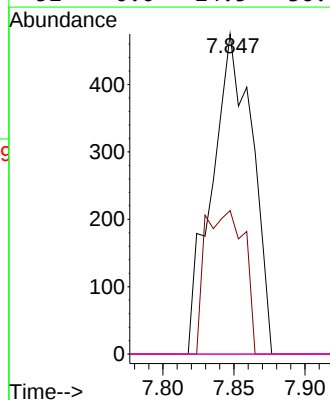
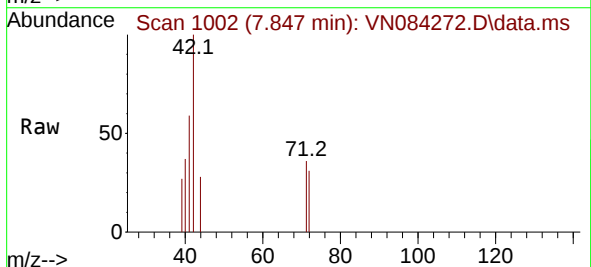
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

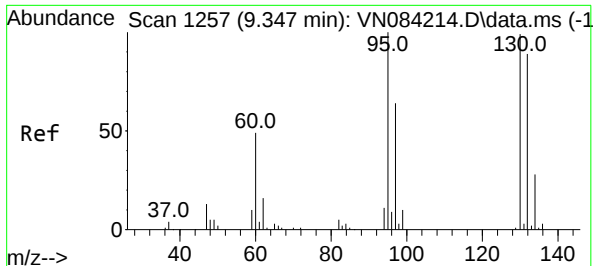
Tgt Ion:117 Resp: 17610
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.647 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.071 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Tgt Ion: 41 Resp: 943
Ion Ratio Lower Upper
41 100
39 43.4 43.3 64.9
67 0.0 56.1 84.1#
52 0.0 24.5 36.7#

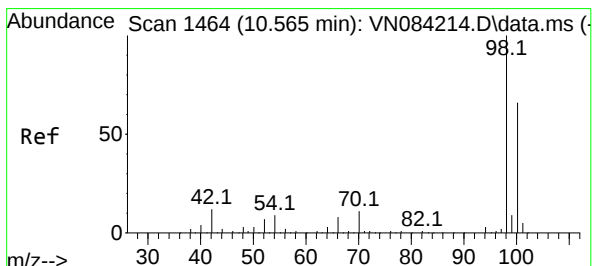
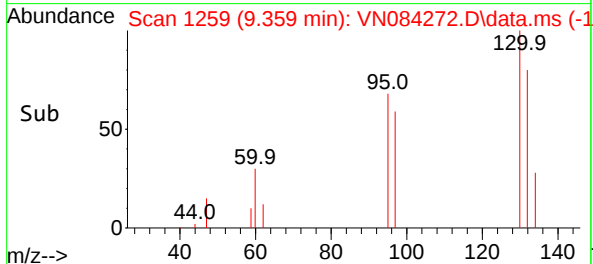
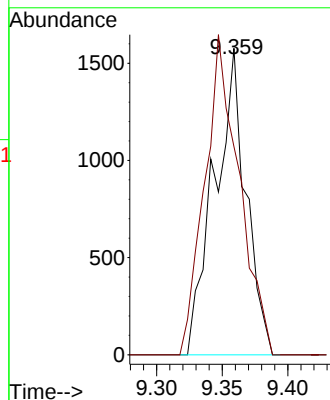
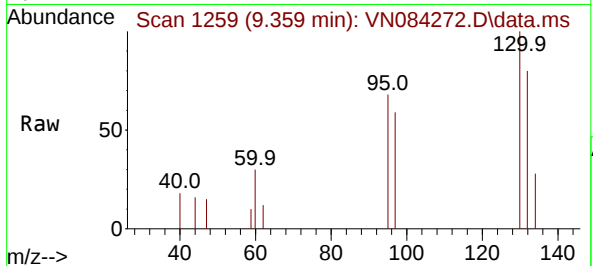




#44
Trichloroethene
Concen: 1.382 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.012 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

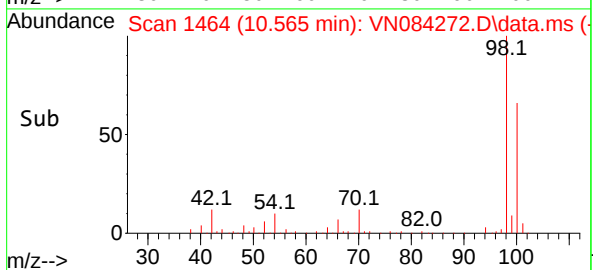
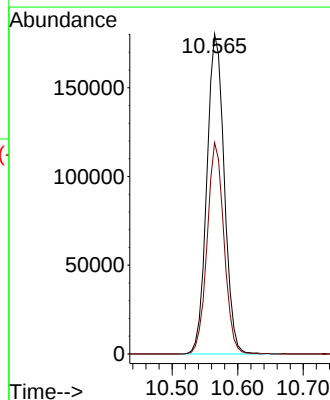
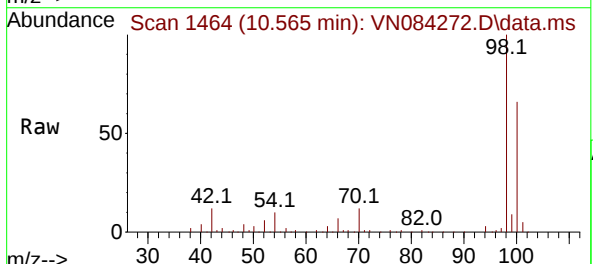
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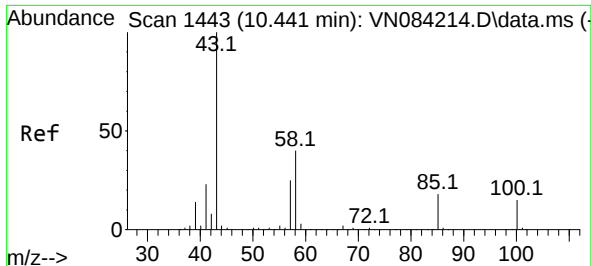
Tgt Ion:130 Resp: 2634
Ion Ratio Lower Upper
130 100
95 67.9 0.0 203.0



#50
Toluene-d8
Concen: 50.100 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Tgt Ion: 98 Resp: 332282
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.665 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.123 min

Lab File: VN084272.D

Acq: 02 Oct 2024 18:09

Instrument :

MSVOA_N

ClientSampleId :

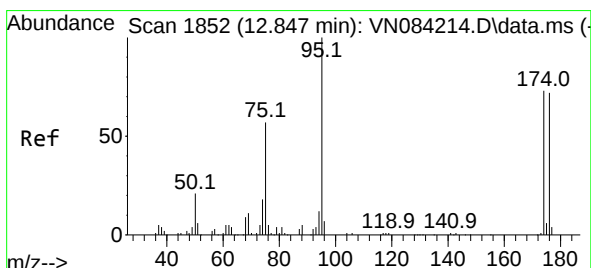
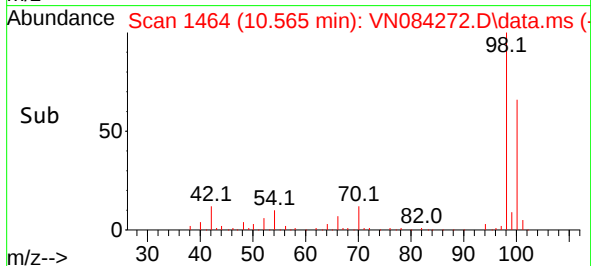
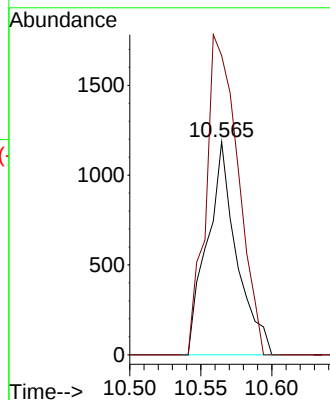
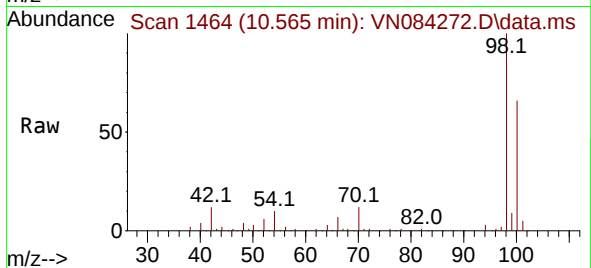
RW9-MW-01S-20240925

Tgt Ion: 43 Resp: 1700

Ion Ratio Lower Upper

43 100

58 164.9 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 44.880 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084272.D

Acq: 02 Oct 2024 18:09

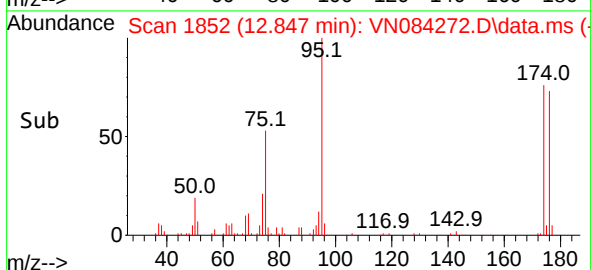
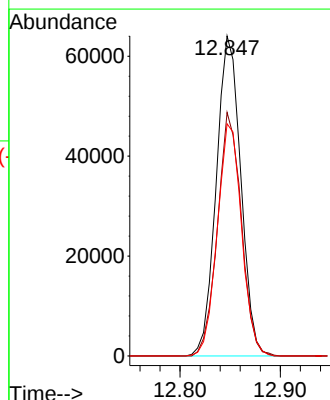
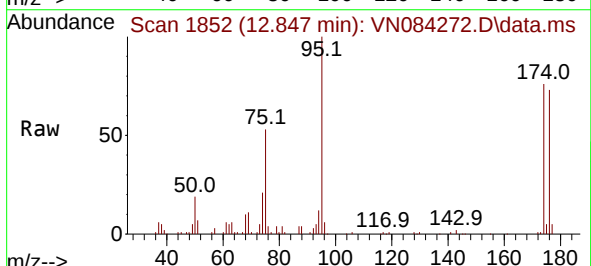
Tgt Ion: 95 Resp: 108440

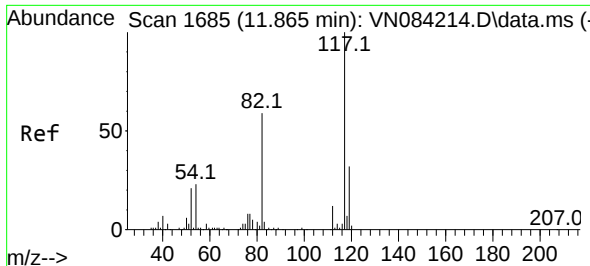
Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.2

176 72.0 0.0 140.0

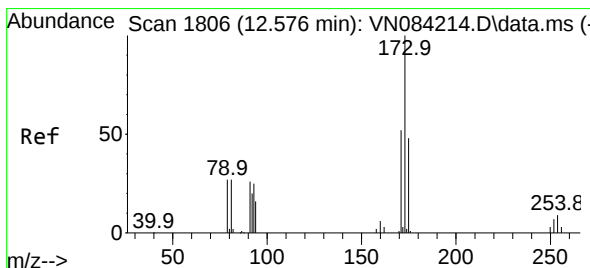
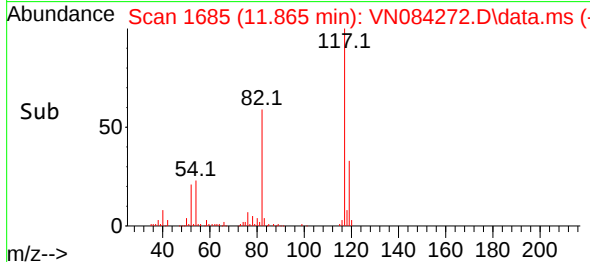
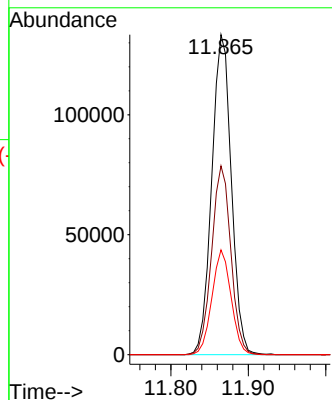
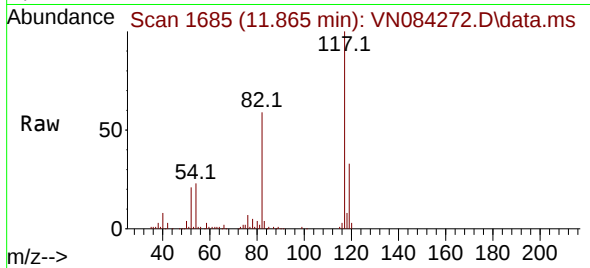




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

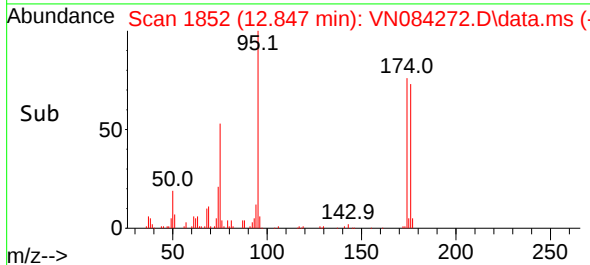
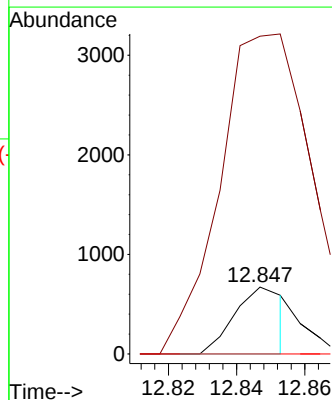
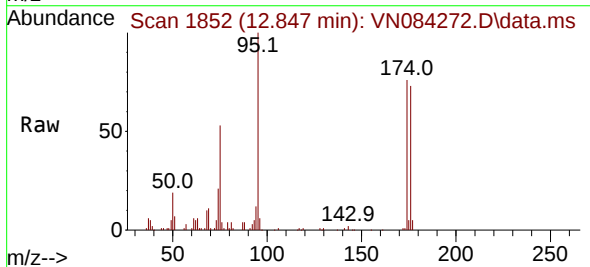
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

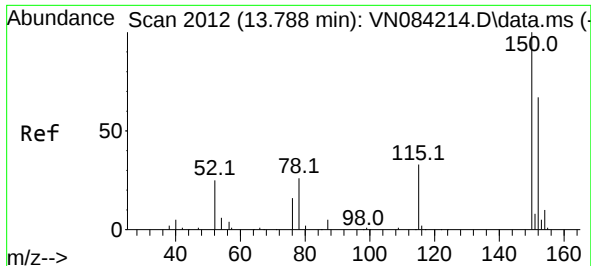
Tgt Ion:117 Resp: 233902
Ion Ratio Lower Upper
117 100
82 59.0 47.2 70.8
119 32.7 25.4 38.0



#71
Bromoform
Concen: 0.516 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Tgt Ion:173 Resp: 678
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0

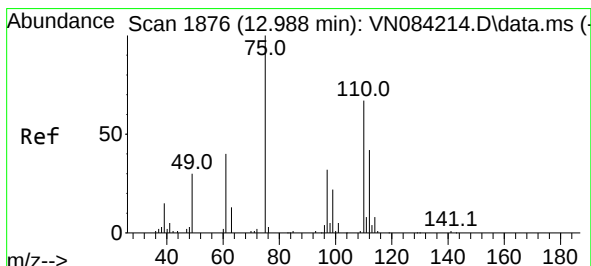
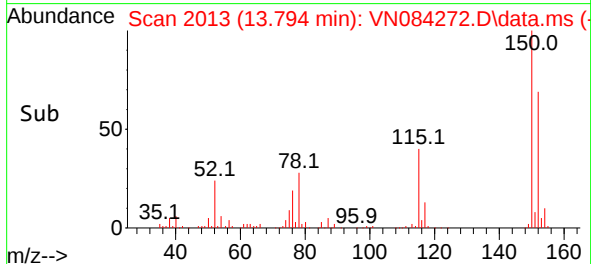
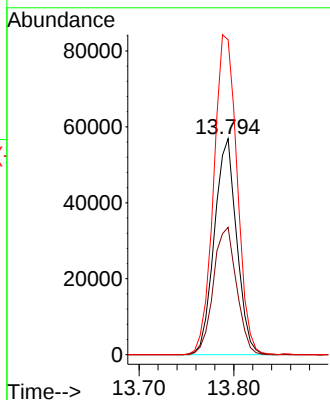
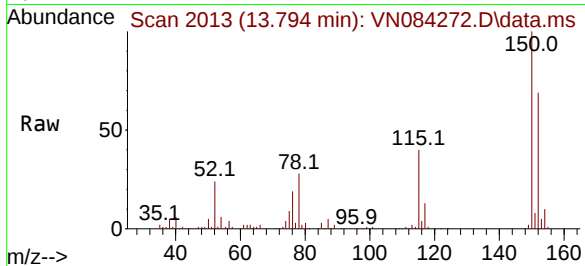




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

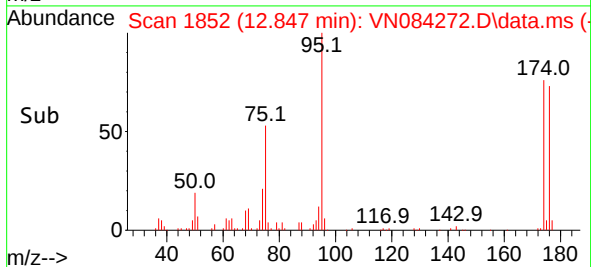
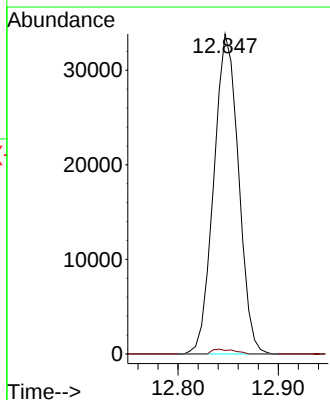
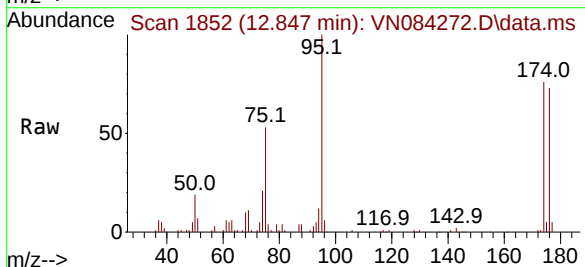
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

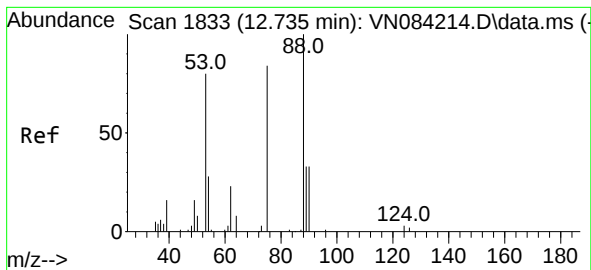
Tgt Ion:152 Resp: 93275
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.9
150 155.0 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 30.394 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

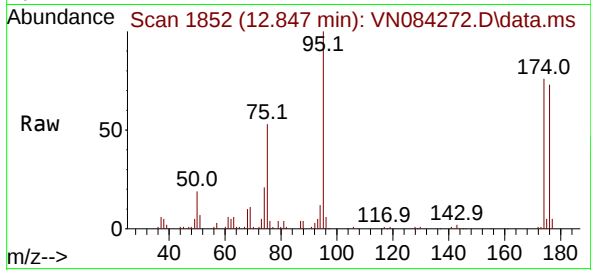
Tgt Ion: 75 Resp: 57878
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.869 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084272.D
Acq: 02 Oct 2024 18:09

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925



Tgt Ion: 75 Resp: 57878
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

