

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084274.D
 Acq On : 02 Oct 2024 18:57
 Operator : JC\MD
 Sample : P4226-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW-01D2-20240925

Quant Time: Oct 03 02:03:59 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)

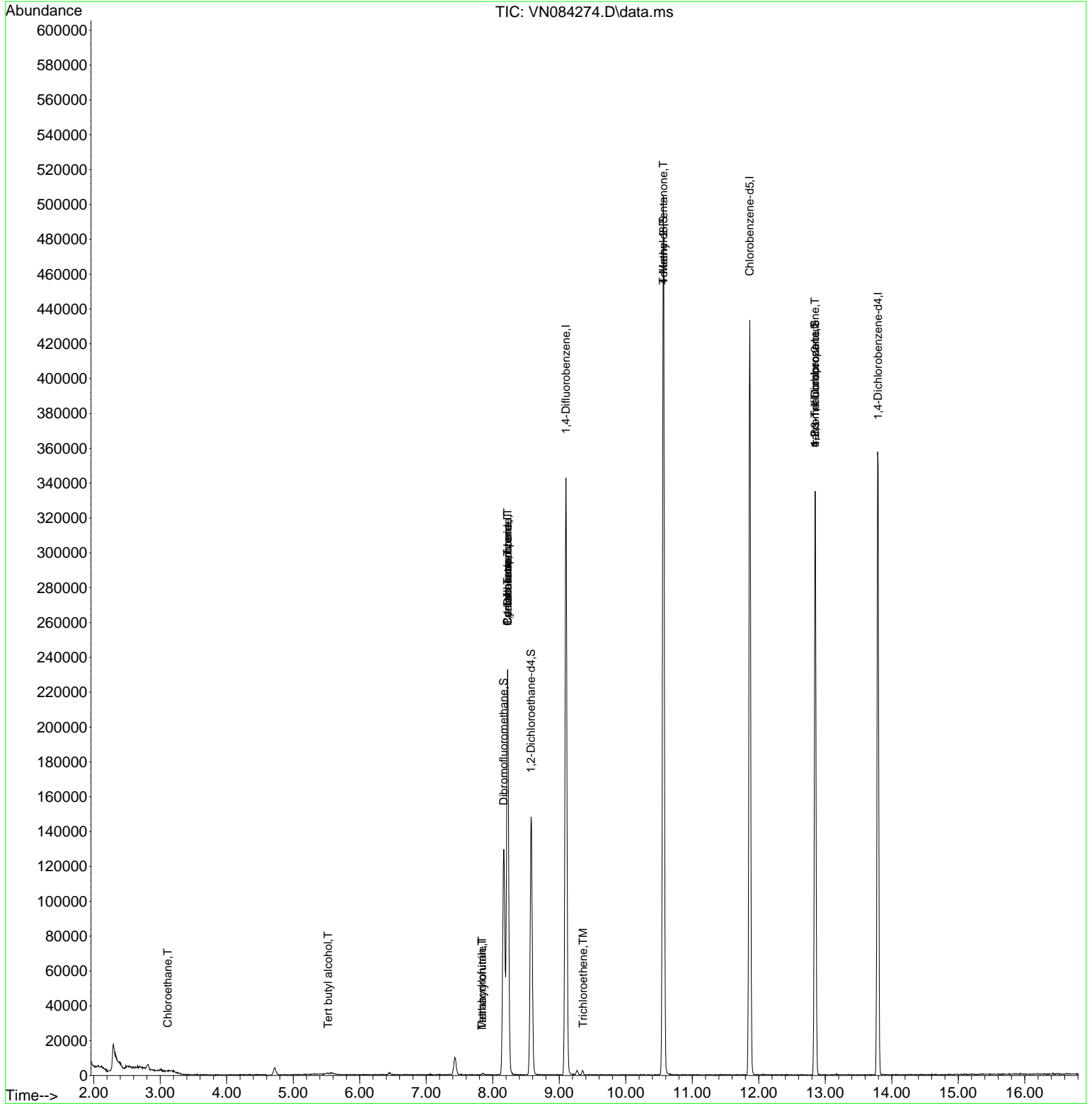
Internal Standards						
1) Pentafluorobenzene	8.224	168	159736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121631	51.356	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	102.720%	
35) Dibromofluoromethane	8.165	113	93758	50.181	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.360%	
50) Toluene-d8	10.565	98	343085	49.910	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.820%	
62) 4-Bromofluorobenzene	12.847	95	115108	45.965	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.920%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.112	64	435	0.291	ug/l #	45
11) Tert butyl alcohol	5.524	59	181	0.463	ug/l #	73
29) Tetrahydrofuran	7.836	42	185	0.216	ug/l #	34
31) Cyclohexane	8.224	56	3962	1.129	ug/l #	13
36) 1,1-Dichloropropene	8.224	75	14791	5.450	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17783	5.973	ug/l #	16
41) Methacrylonitrile	7.842	41	308	0.204	ug/l #	35
44) Trichloroethene	9.359	130	859	0.435	ug/l	96
51) 4-Methyl-2-Pentanone	10.565	43	1501	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61536	31.200	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61536	74.800	ug/l #	11

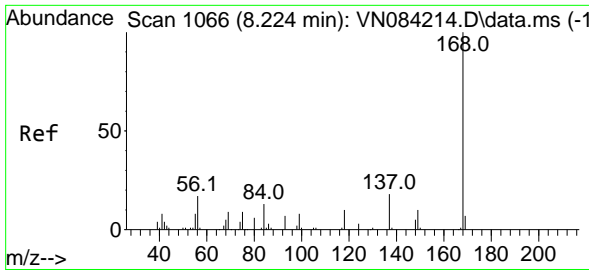
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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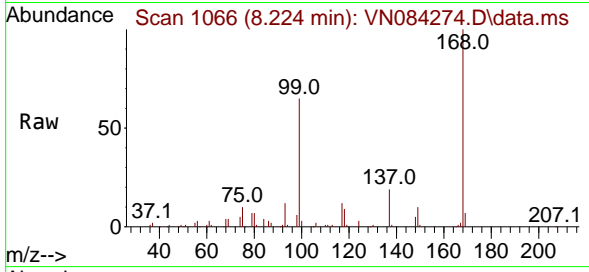
Quant Time: Oct 03 02:03:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
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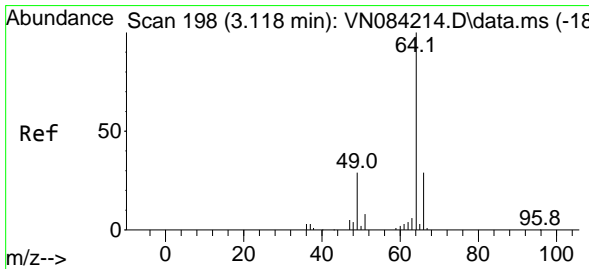
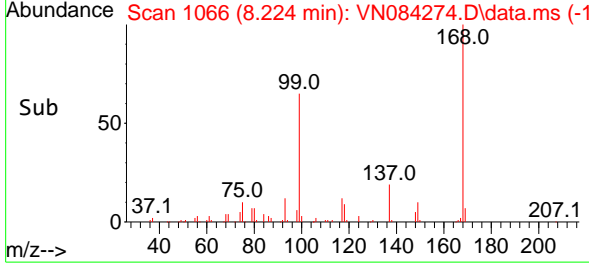
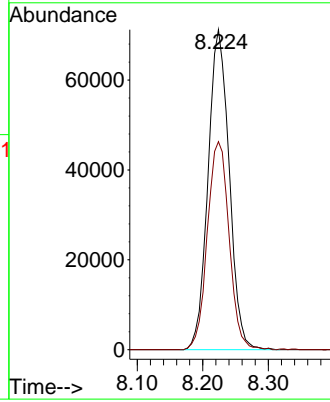


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

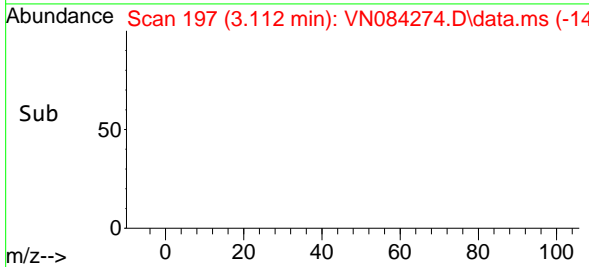
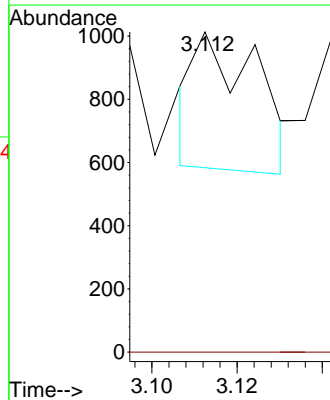
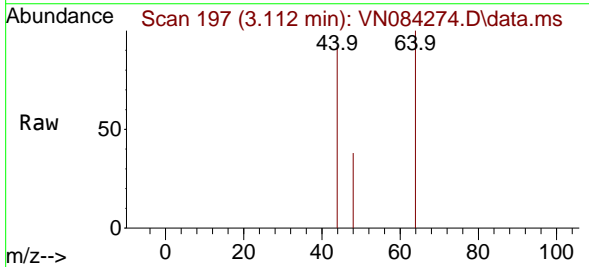


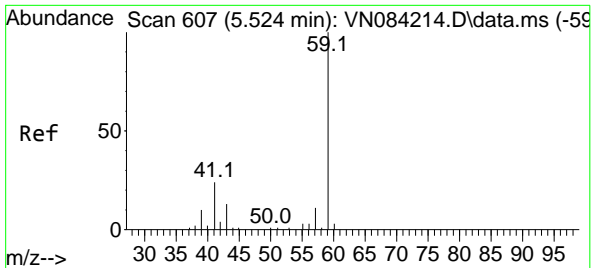
Tgt Ion:168 Resp: 159736
 Ion Ratio Lower Upper
 168 100
 99 65.0 54.2 81.2



#6
 Chloroethane
 Concen: 0.291 ug/l
 RT: 3.112 min Scan# 197
 Delta R.T. -0.006 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Tgt Ion: 64 Resp: 435
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.5 35.3#

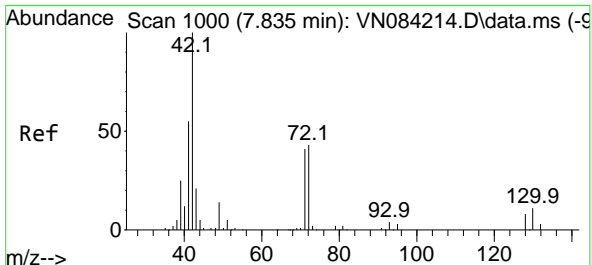
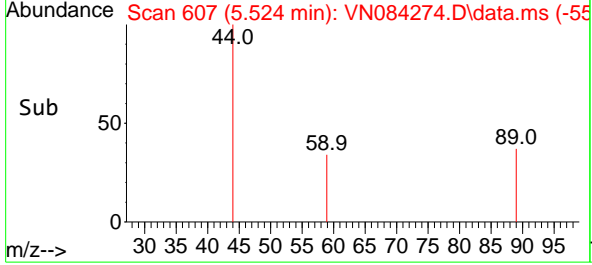
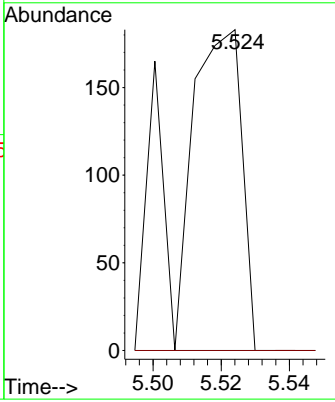
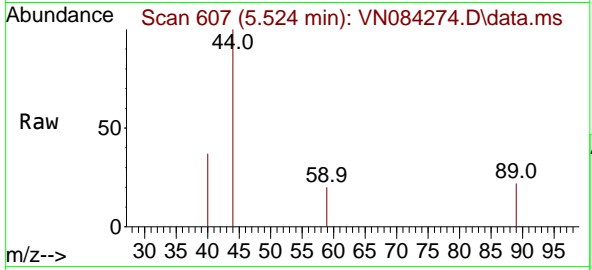




#11
 Tert butyl alcohol
 Concen: 0.463 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

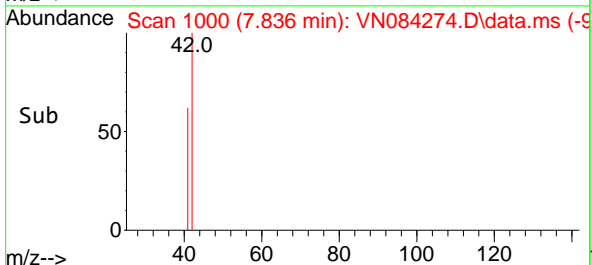
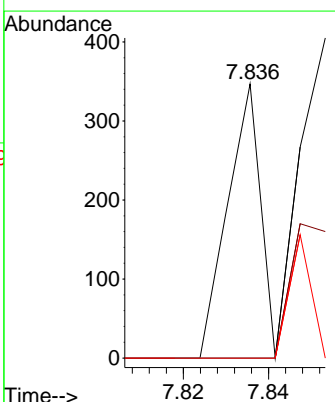
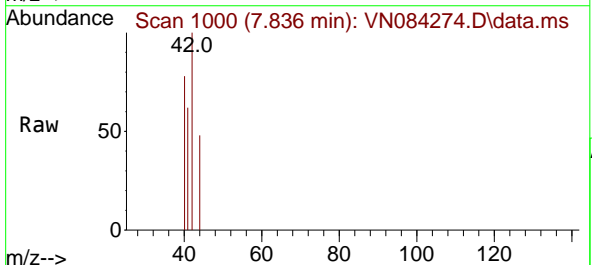
Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

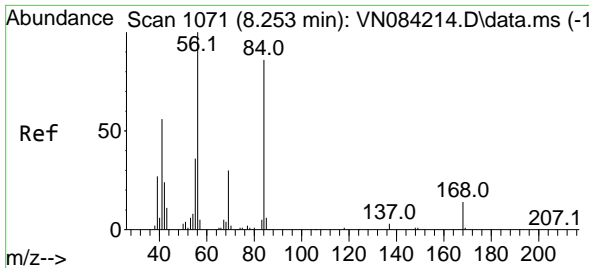
Tgt Ion: 59 Resp: 181
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#



#29
 Tetrahydrofuran
 Concen: 0.216 ug/l
 RT: 7.836 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Tgt Ion: 42 Resp: 185
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.6 51.8#
 71 0.0 32.2 48.4#



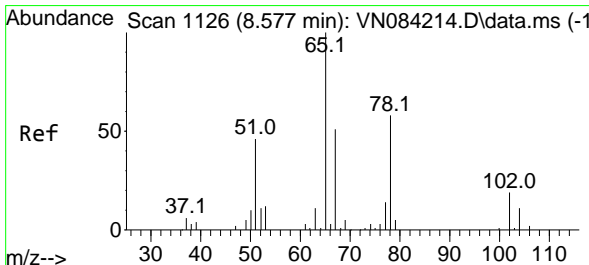
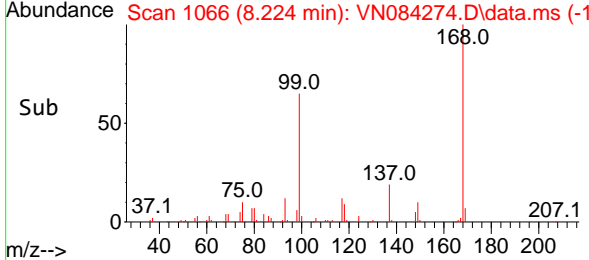
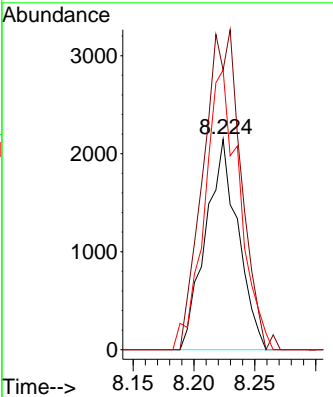
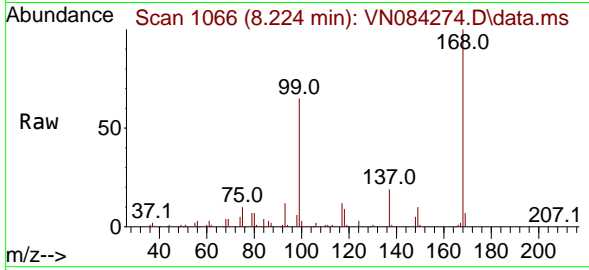


#31
 Cyclohexane
 Concen: 1.129 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.029 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

Tgt Ion: 56 Resp: 3962

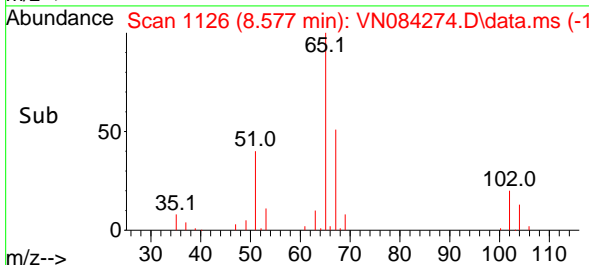
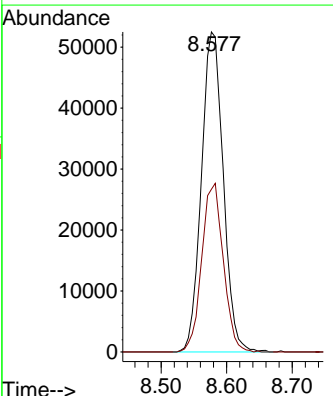
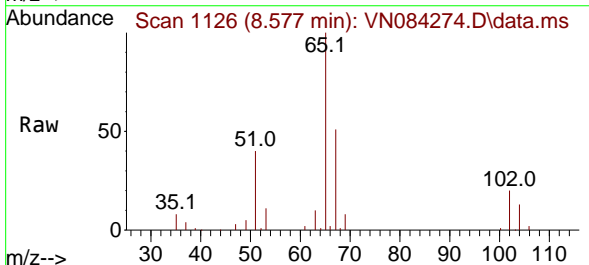
Ion	Ratio	Lower	Upper
56	100		
69	132.9	23.8	35.6#
84	133.0	68.8	103.2#

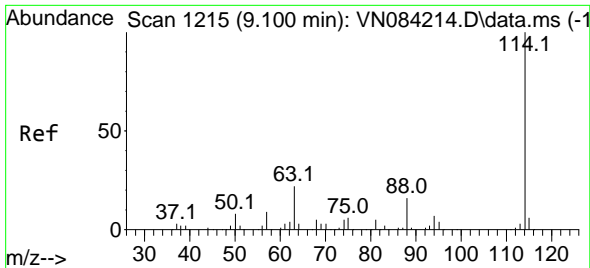


#33
 1,2-Dichloroethane-d4
 Concen: 51.356 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Tgt Ion: 65 Resp: 121631

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.0

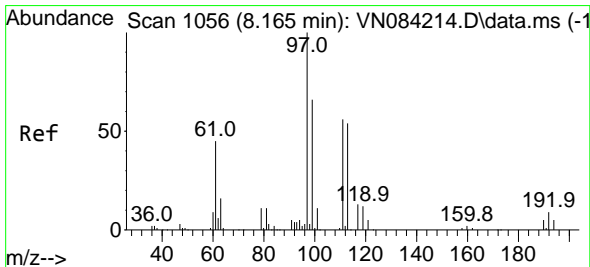
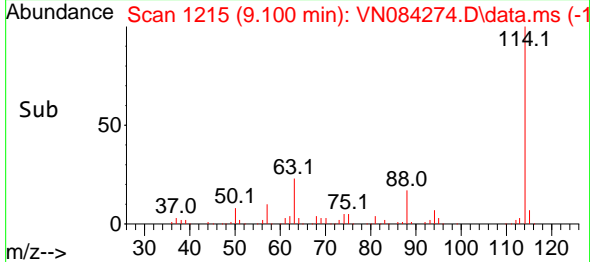
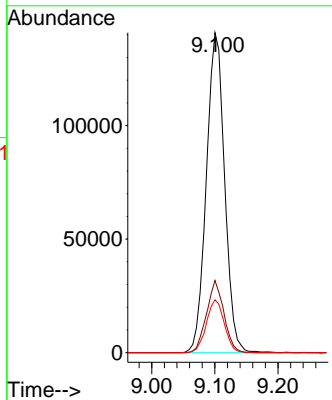
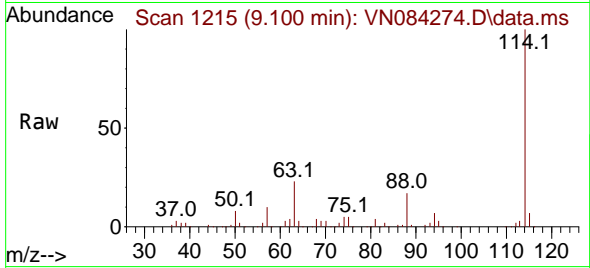




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

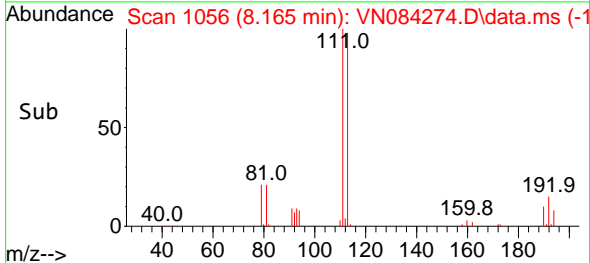
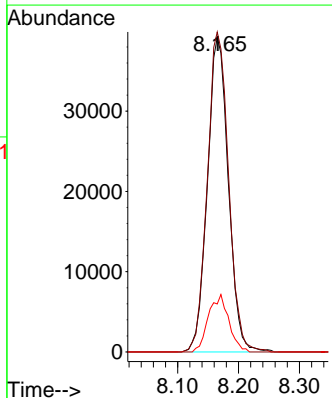
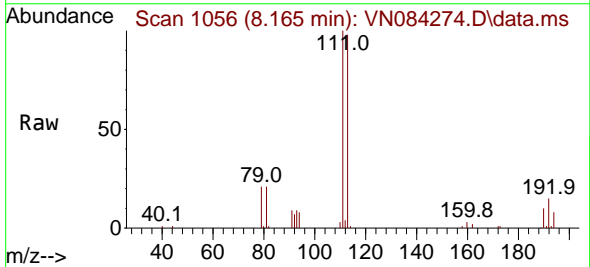
Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

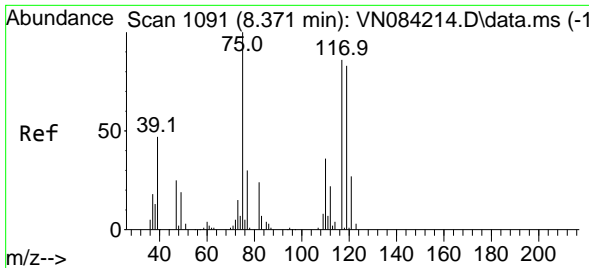
Tgt Ion	Resp	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.6	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.181 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Tgt Ion	Resp	Lower	Upper
113	100		
111	103.3	83.3	124.9
192	17.8	13.5	20.3

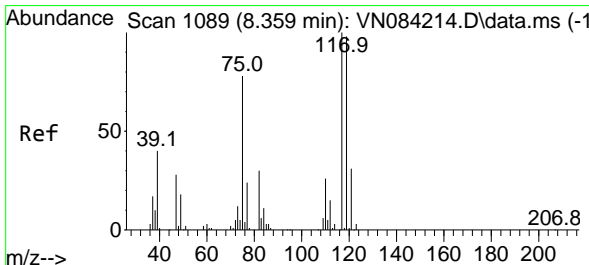
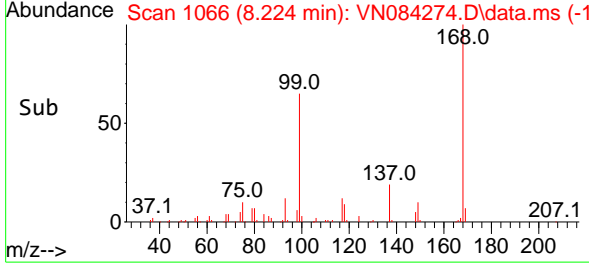
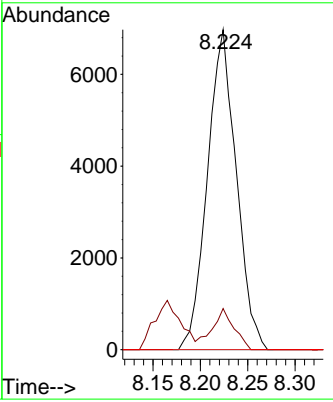
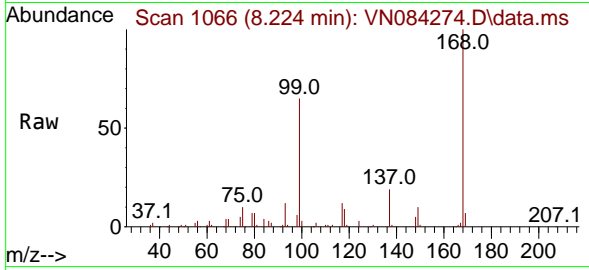




#36
 1,1-Dichloropropene
 Concen: 5.450 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

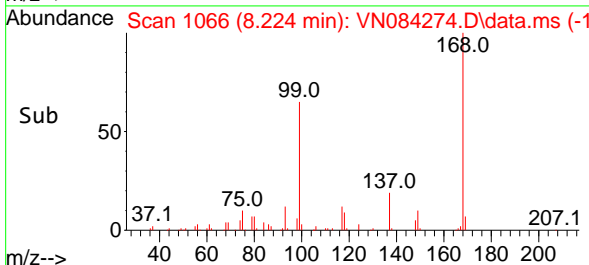
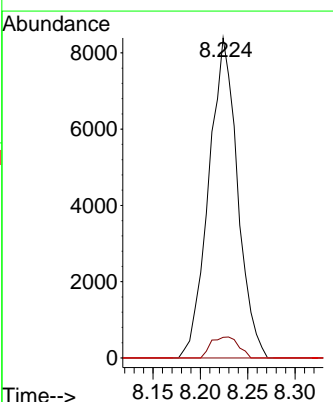
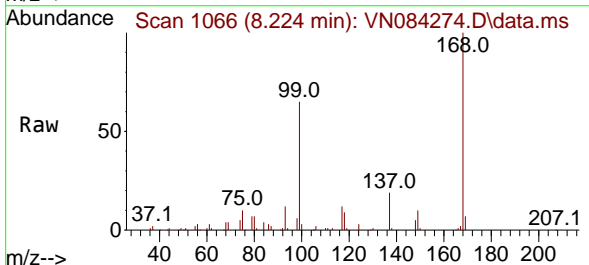
Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

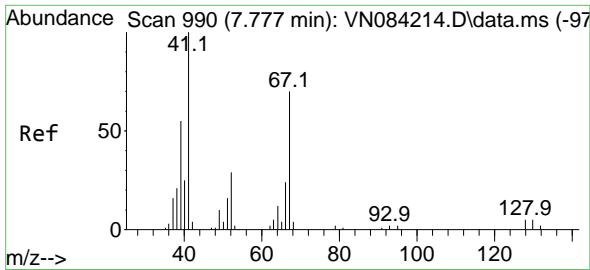
Tgt Ion	Resp	Lower	Upper
75	14791		
75	100		
110	9.2	16.9	50.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.973 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

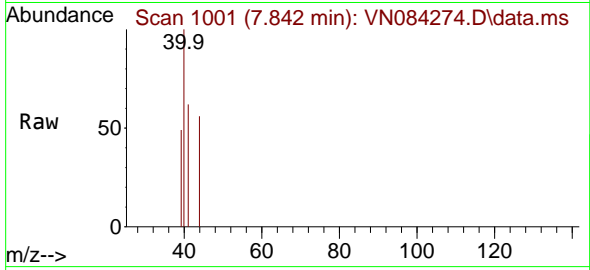
Tgt Ion	Resp	Lower	Upper
117	17783		
117	100		
119	6.4	78.7	118.1#
121	0.0	24.4	36.6#





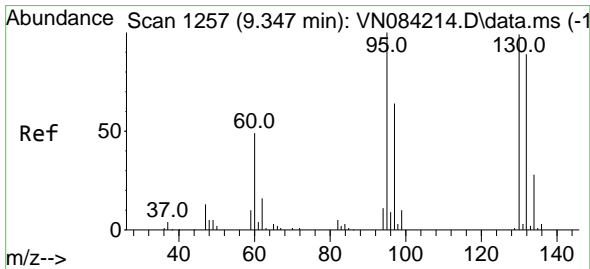
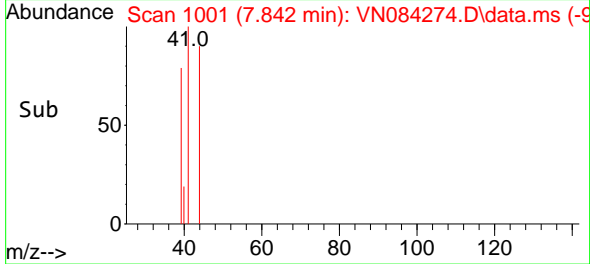
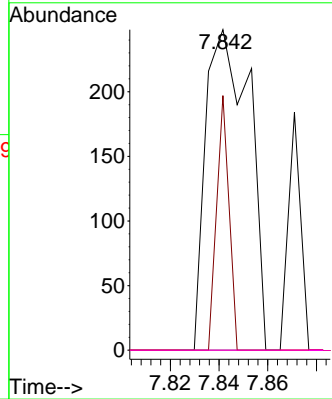
#41
 Methacrylonitrile
 Concen: 0.204 ug/l
 RT: 7.842 min Scan# 1001
 Delta R.T. 0.065 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925



Tgt Ion: 41 Resp: 308

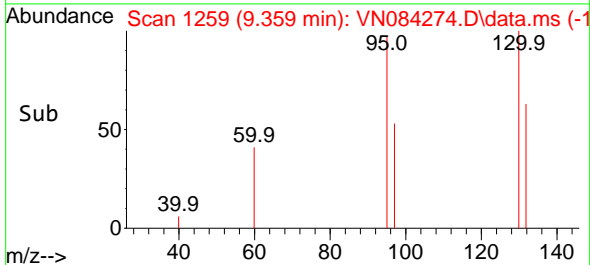
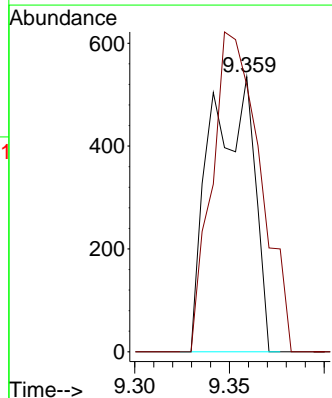
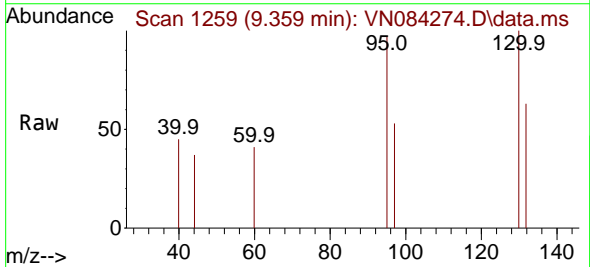
Ion	Ratio	Lower	Upper
41	100		
39	22.7	43.3	64.9#
67	0.0	56.1	84.1#
52	0.0	24.5	36.7#

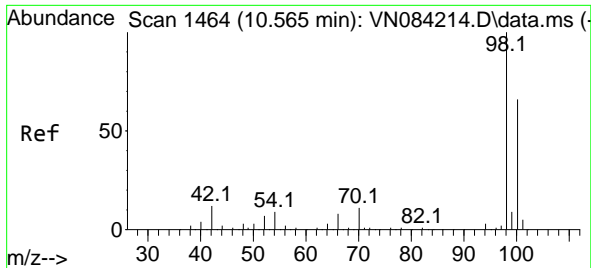


#44
 Trichloroethene
 Concen: 0.435 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. 0.012 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Tgt Ion: 130 Resp: 859

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	203.0

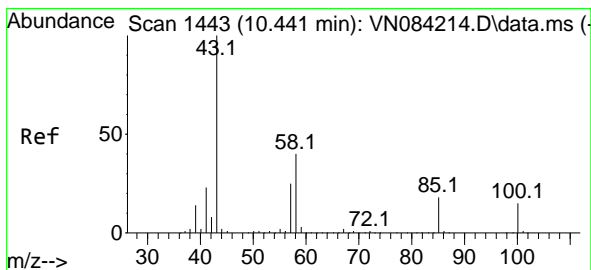
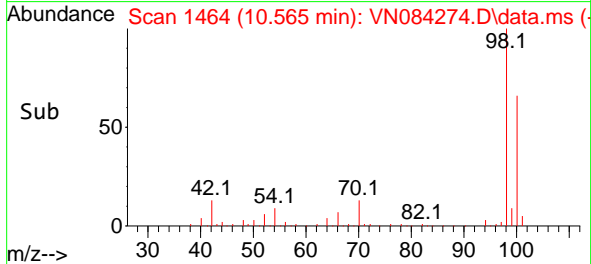
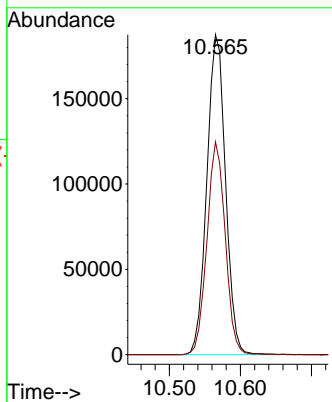
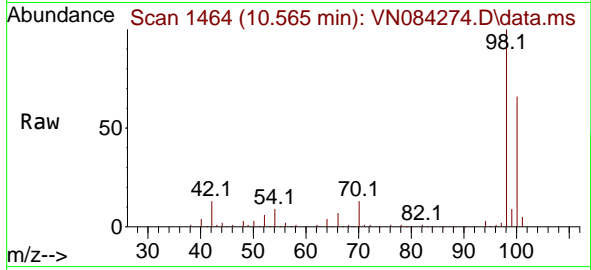




#50
 Toluene-d8
 Concen: 49.910 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

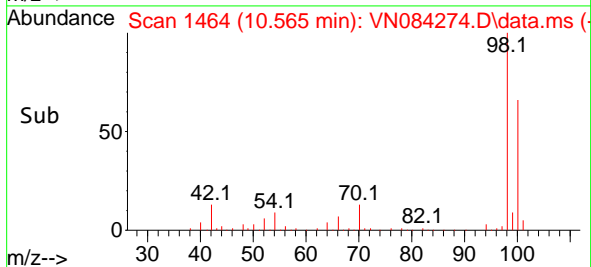
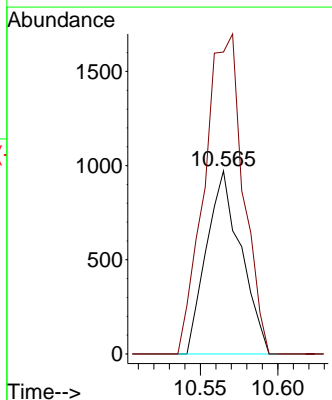
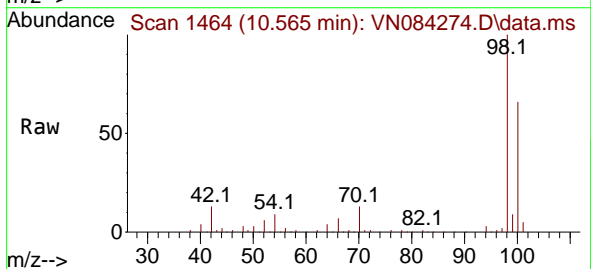
Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

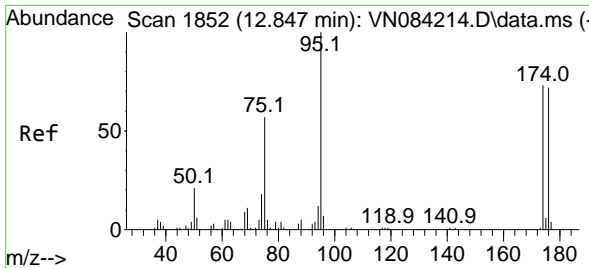
Tgt Ion: 98 Resp: 343085
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.7 79.1



#51
 4-Methyl-2-Pentanone
 Concen: 0.566 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.124 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Tgt Ion: 43 Resp: 1501
 Ion Ratio Lower Upper
 43 100
 58 197.2 31.6 47.4#



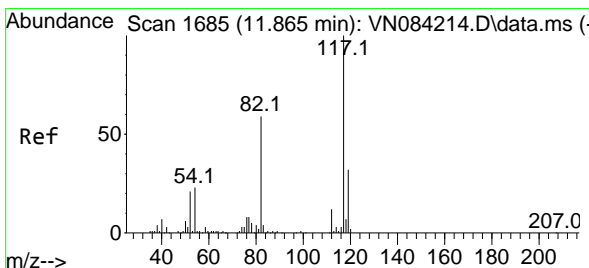
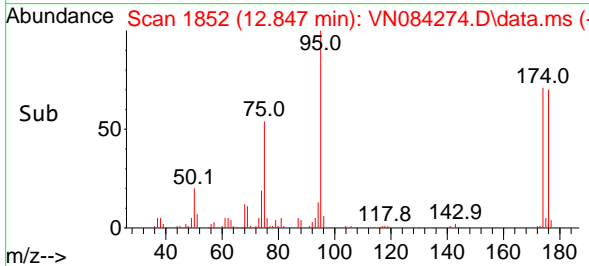
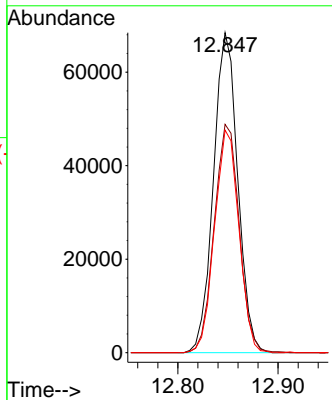
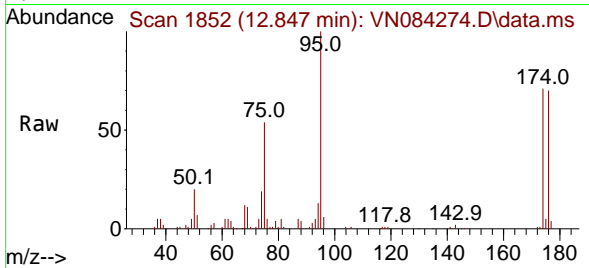


#62
 4-Bromofluorobenzene
 Concen: 45.965 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

Tgt Ion: 95 Resp: 115108

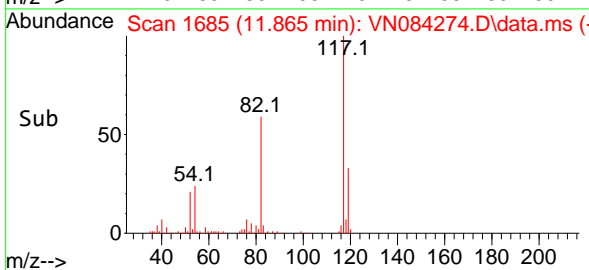
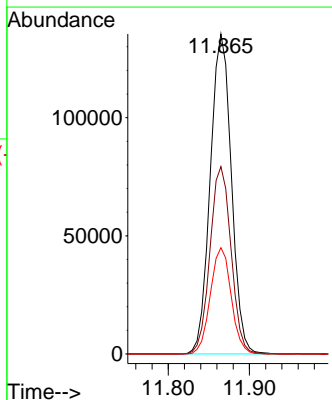
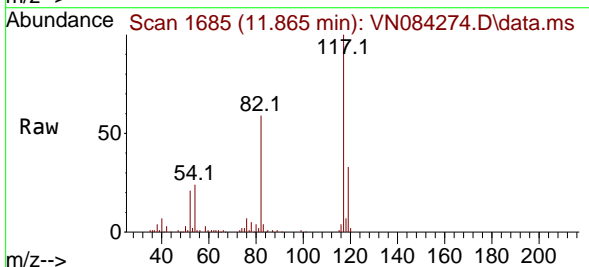
Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	145.2
176	69.9	0.0	140.0

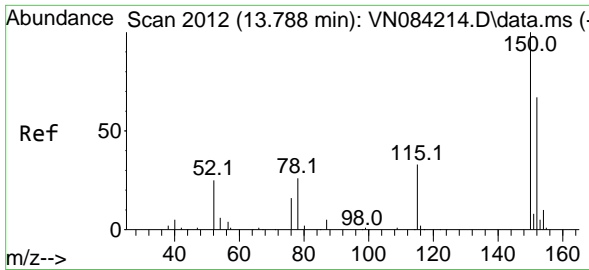


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Tgt Ion: 117 Resp: 244524

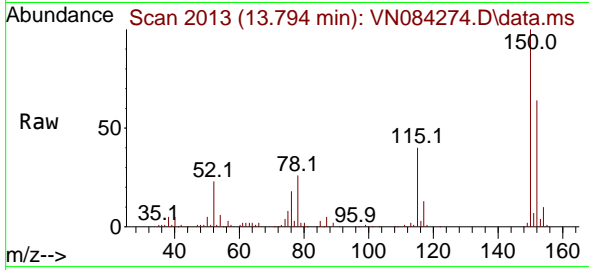
Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.2	70.8
119	33.2	25.4	38.0



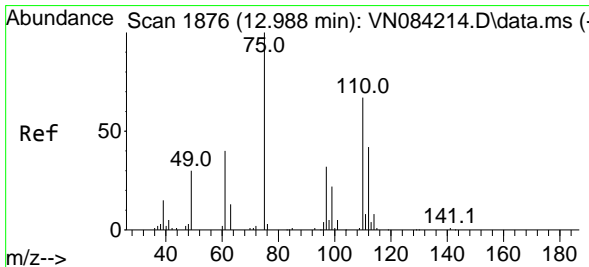
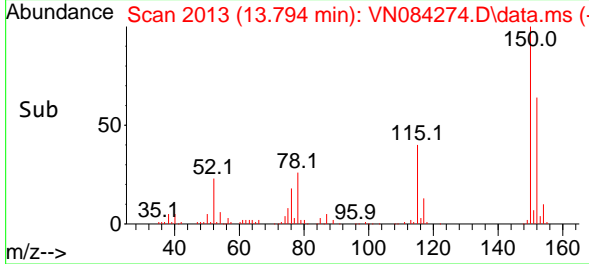
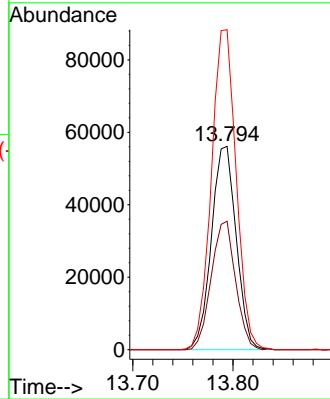


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Instrument : MSVOA_N
 ClientSampleId : RW9-MW-01D2-20240925

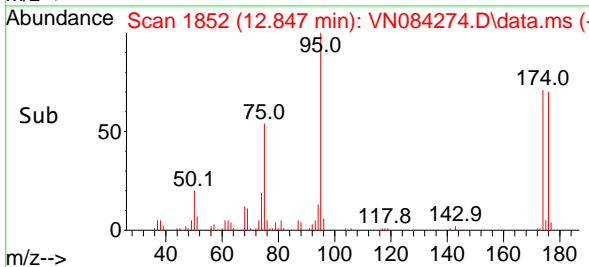
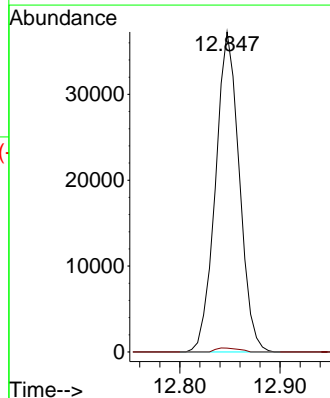
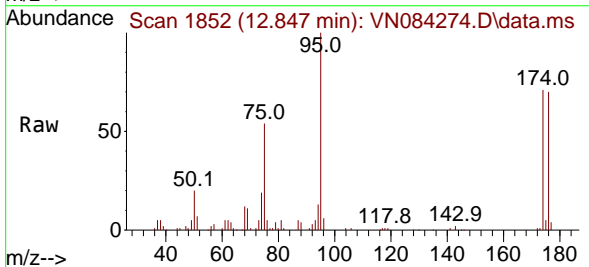


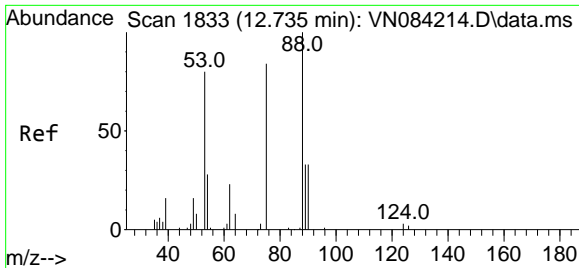
Tgt Ion:152 Resp: 96610
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.3 93.9
 150 156.9 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 31.200 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

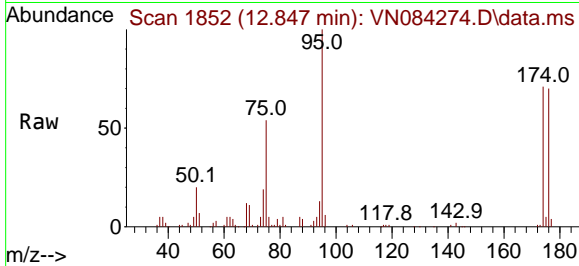
Tgt Ion: 75 Resp: 61536
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.800 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084274.D
 Acq: 02 Oct 2024 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW-01D2-20240925



Tgt Ion: 75 Resp: 61536

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	35.5	53.3#

