

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084291.D
 Acq On : 03 Oct 2024 12:16
 Operator : JC\MD
 Sample : P4226-15RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 04 01:32:51 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)

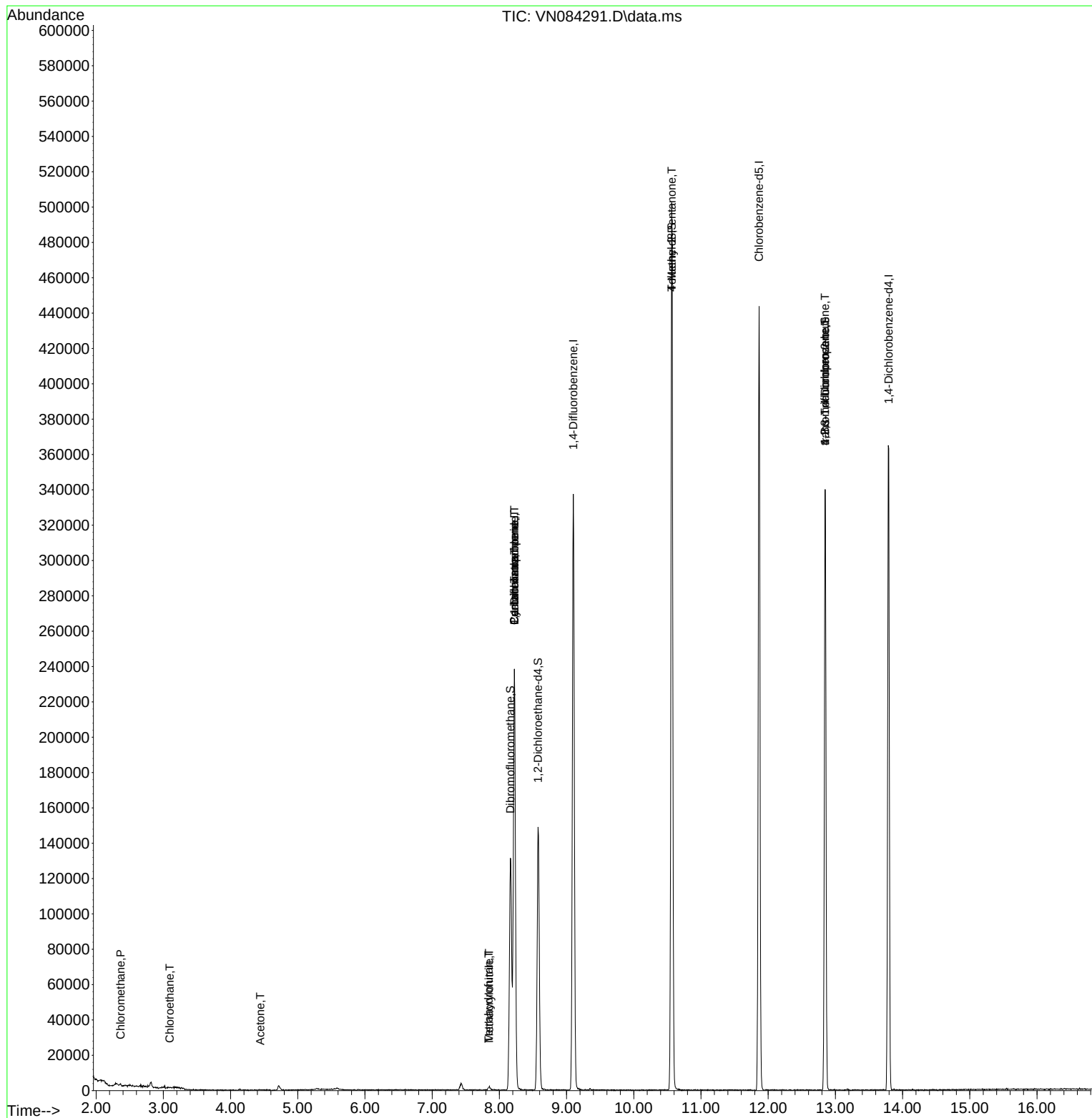
Internal Standards						
1) Pentafluorobenzene	8.224	168	164606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123157	50.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	8.165	113	95336	50.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	10.565	98	352059	50.740	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.847	95	118722	46.967	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.940%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	634	0.285	ug/l	90
6) Chloroethane	3.095	64	649	0.421	ug/l #	45
16) Acetone	4.442	43	615	0.587	ug/l #	44
29) Tetrahydrofuran	7.841	42	1158	1.314	ug/l #	81
31) Cyclohexane	8.224	56	3782	1.046	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14692	5.363	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19042	6.337	ug/l #	16
41) Methacrylonitrile	7.847	41	604	0.396	ug/l #	34
51) 4-Methyl-2-Pentanone	10.565	43	1526	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62780	31.638	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62780	75.851	ug/l #	11

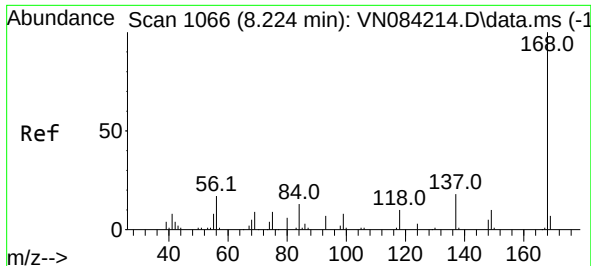
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 01:32:51 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

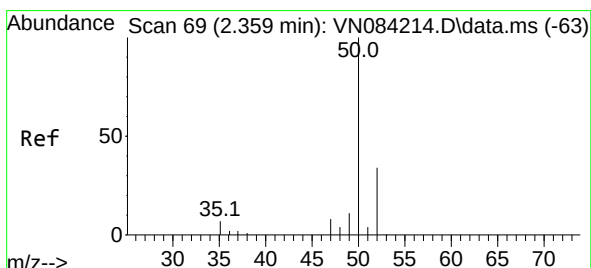
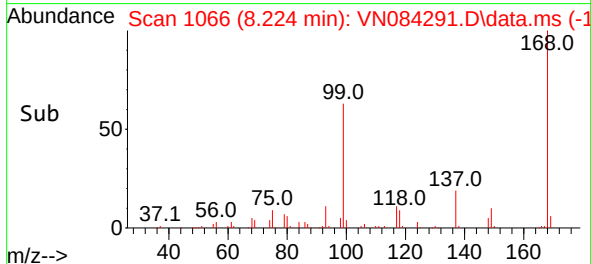
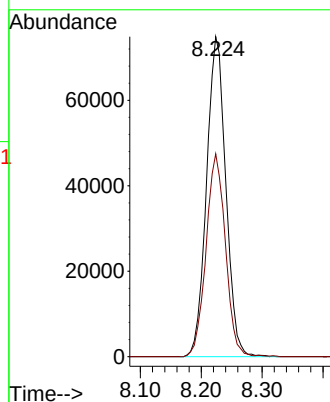
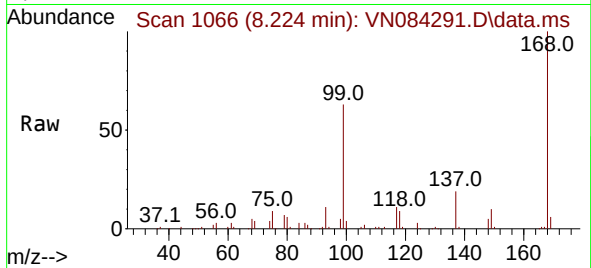




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

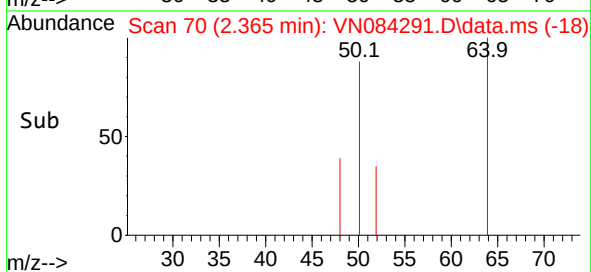
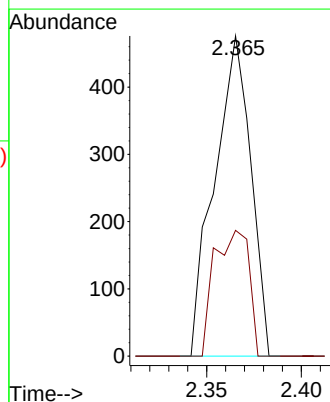
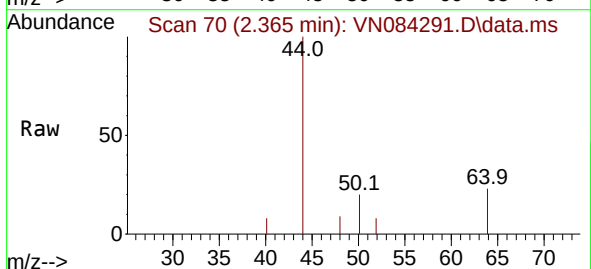
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

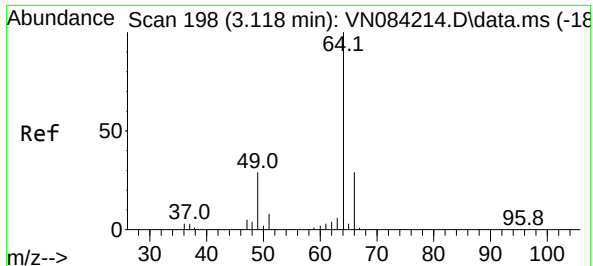
Tgt Ion:168 Resp: 164606
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2



#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 39.3 26.8 40.2

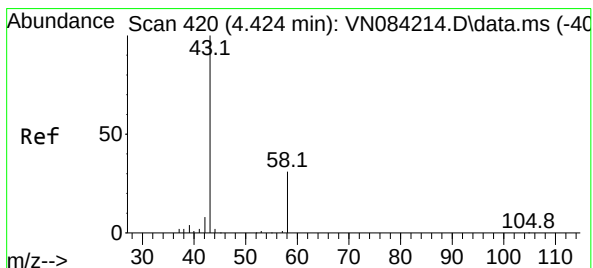
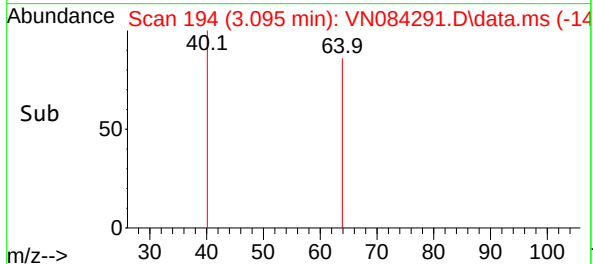
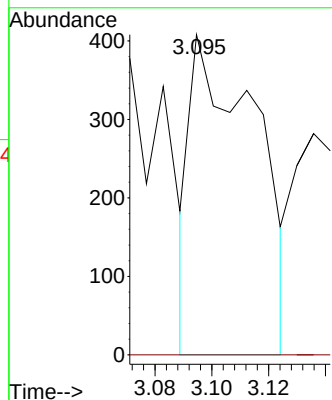
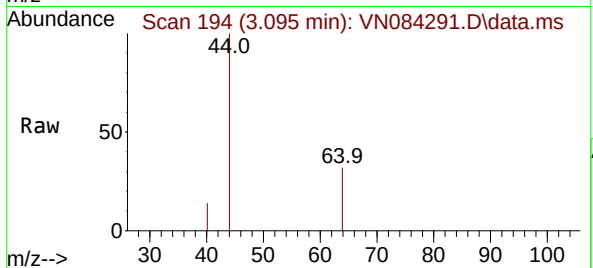




#6
Chloroethane
Concen: 0.421 ug/l
RT: 3.095 min Scan# 198
Delta R.T. -0.024 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

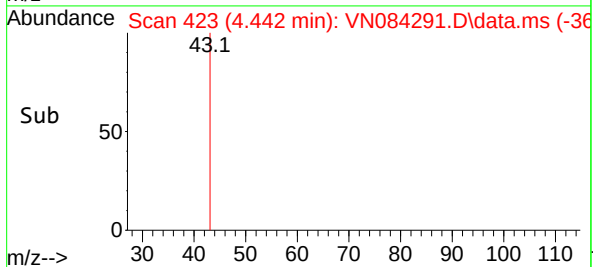
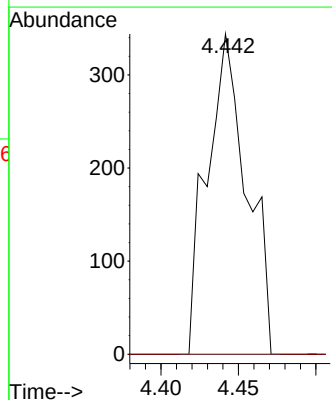
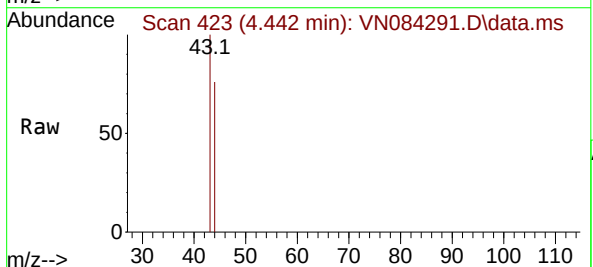
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

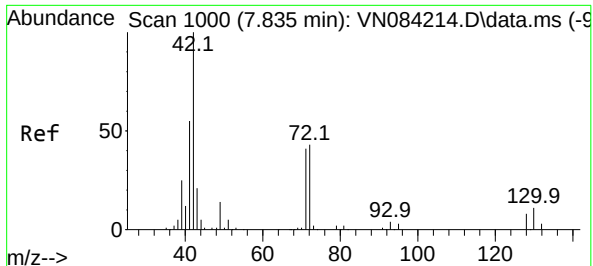
Tgt Ion: 64 Resp: 649
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: 0.587 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





#29

Tetrahydrofuran

Concen: 1.314 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN084291.D

Acq: 03 Oct 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW-01S-20240925

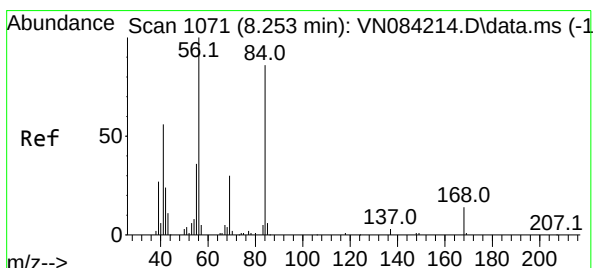
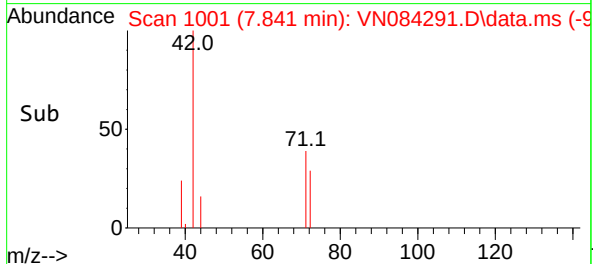
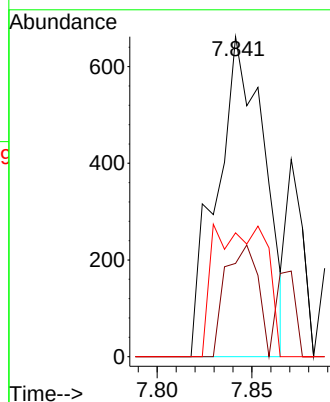
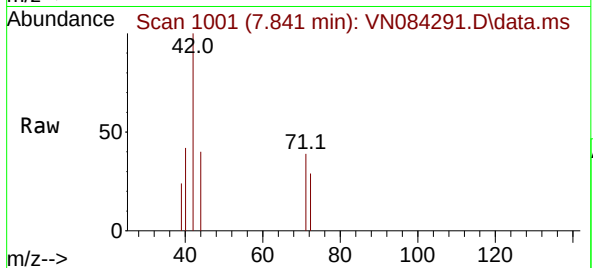
Tgt Ion: 42 Resp: 1158

Ion Ratio Lower Upper

42 100

72 23.7 34.6 51.8#

71 45.1 32.2 48.4



#31

Cyclohexane

Concen: 1.046 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084291.D

Acq: 03 Oct 2024 12:16

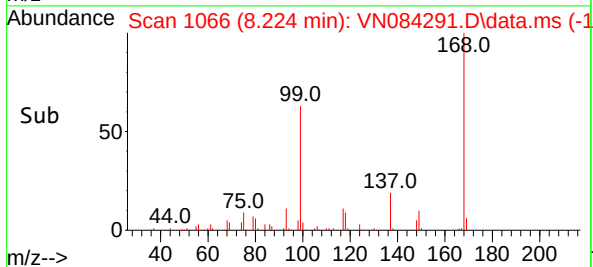
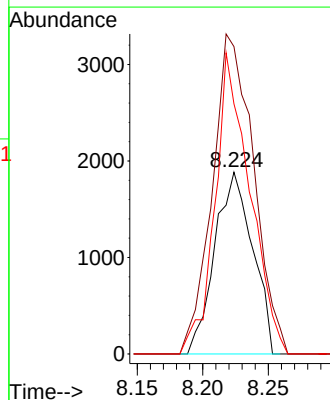
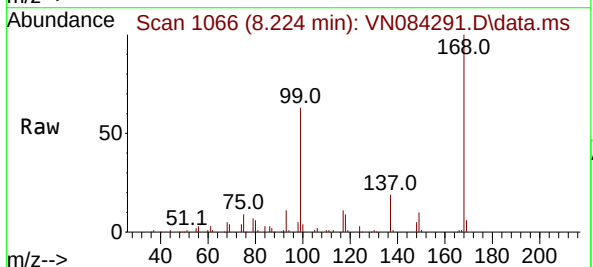
Tgt Ion: 56 Resp: 3782

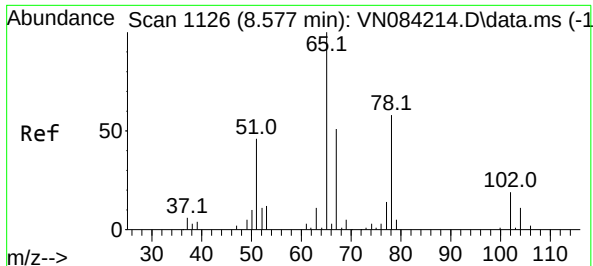
Ion Ratio Lower Upper

56 100

69 169.1 23.8 35.6#

84 137.6 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.462 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084291.D

Acq: 03 Oct 2024 12:16

Instrument :

MSVOA_N

ClientSampleId :

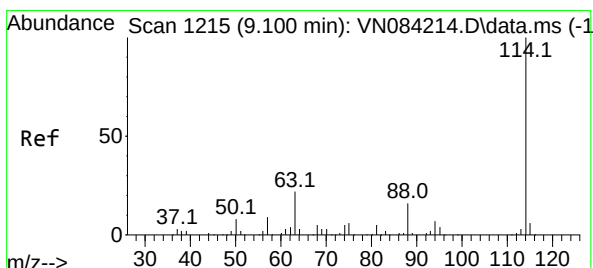
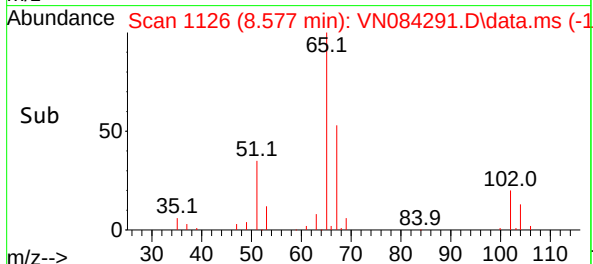
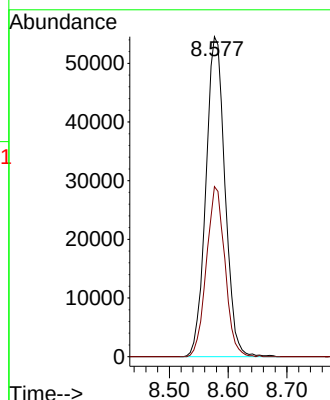
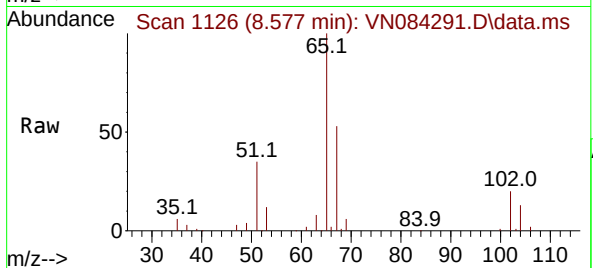
RW9-MW-01S-20240925

Tgt Ion: 65 Resp: 123157

Ion Ratio Lower Upper

65 100

67 51.4 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: VN084291.D

Acq: 03 Oct 2024 12:16

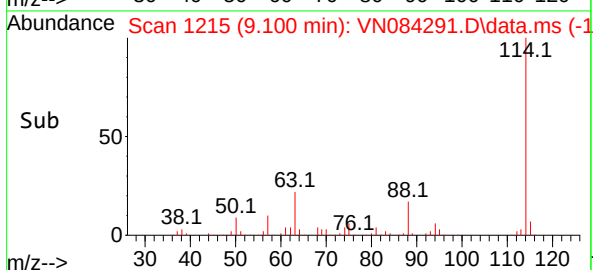
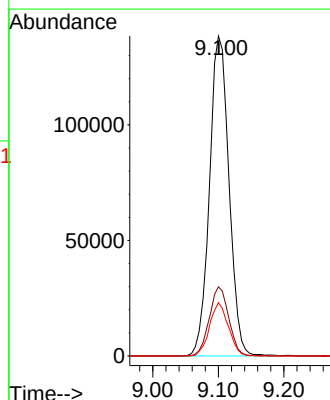
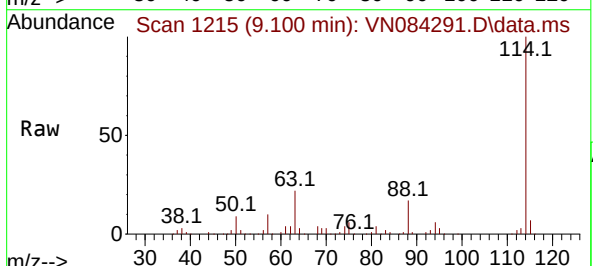
Tgt Ion: 114 Resp: 286067

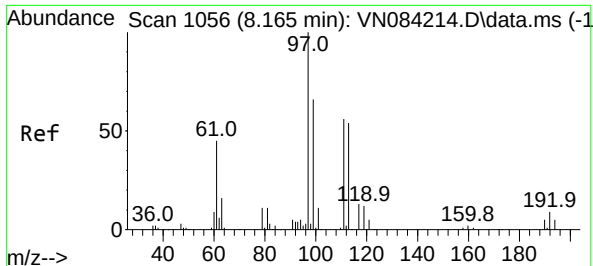
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 16.7 0.0 31.6

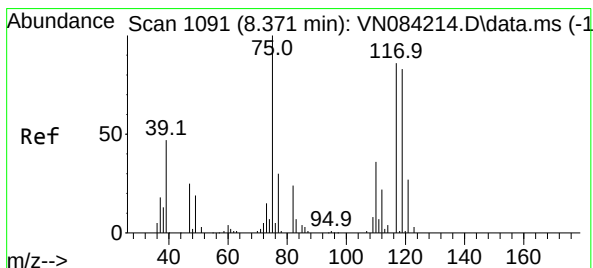
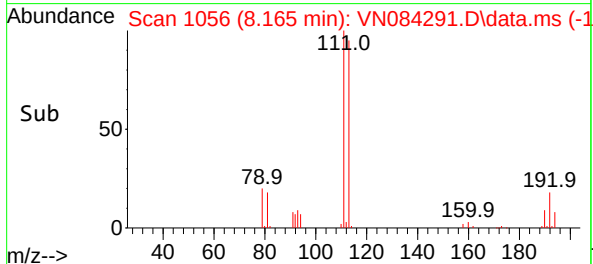
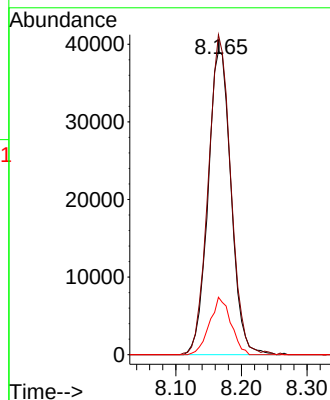
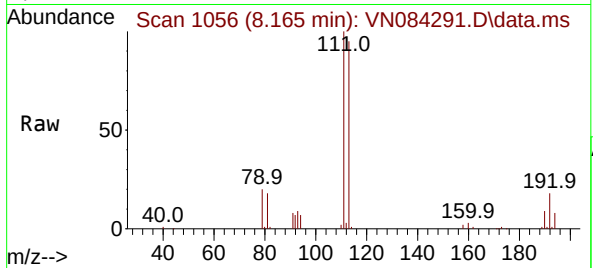




#35
Dibromofluoromethane
Concen: 50.551 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

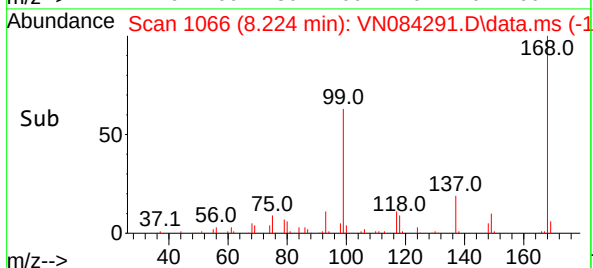
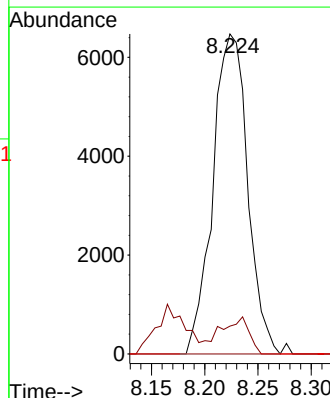
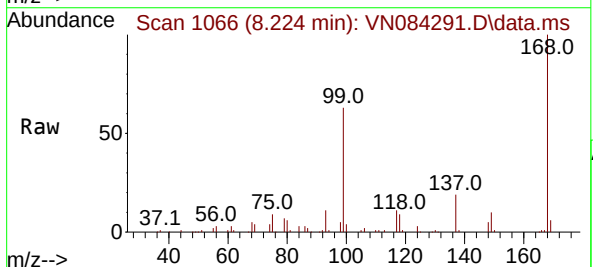
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RW9-MW-01S-20240925

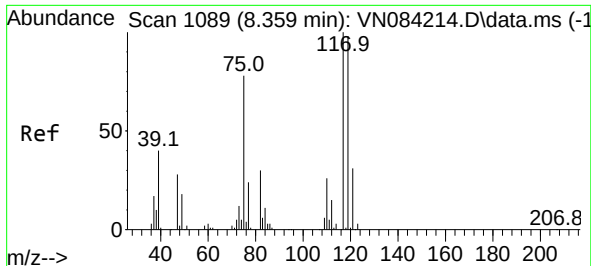
Tgt Ion:113 Resp: 95336
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 17.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.363 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

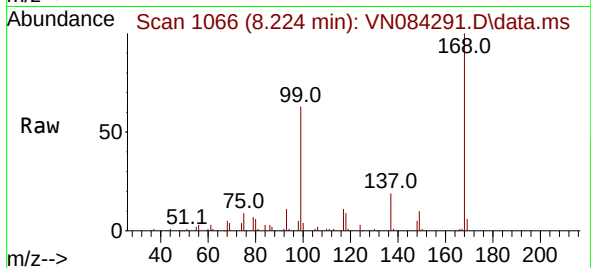
Tgt Ion: 75 Resp: 14692
Ion Ratio Lower Upper
75 100
110 8.7 16.9 50.7#
77 0.0 24.7 37.1#



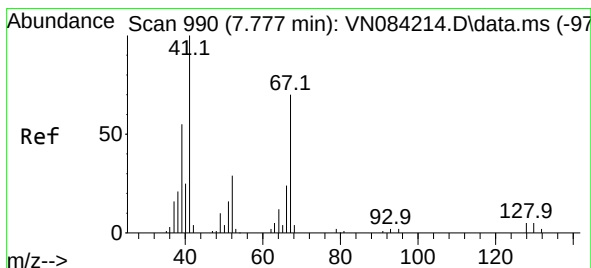
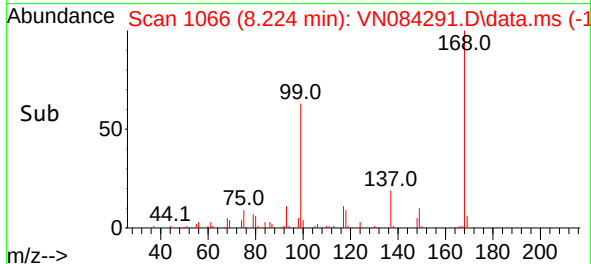
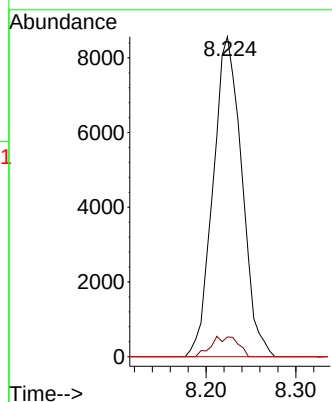


#38
Carbon Tetrachloride
Concen: 6.337 ug/l
RT: 8.224 min Scan# 1000
Delta R.T. -0.135 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

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

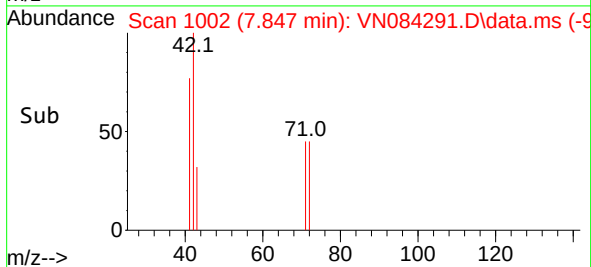
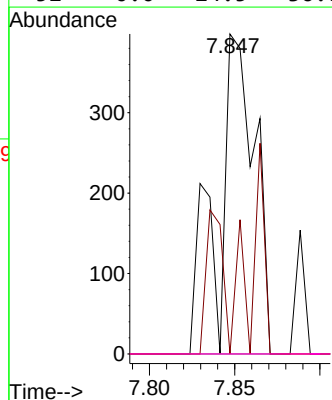
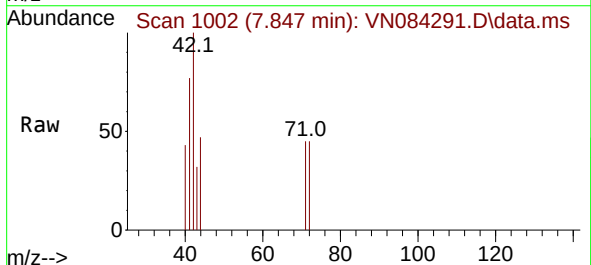


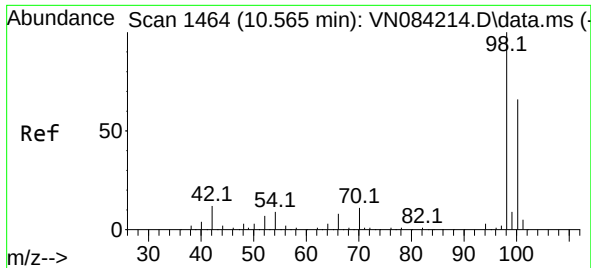
Tgt Ion:117 Resp: 19042
Ion Ratio Lower Upper
117 100
119 6.2 78.7 118.1#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.396 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.071 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

Tgt Ion: 41 Resp: 604
Ion Ratio Lower Upper
41 100
39 19.9 43.3 64.9#
67 0.0 56.1 84.1#
52 0.0 24.5 36.7#

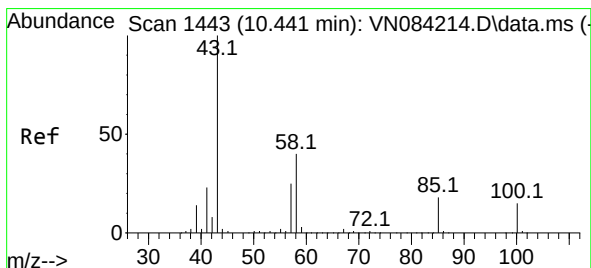
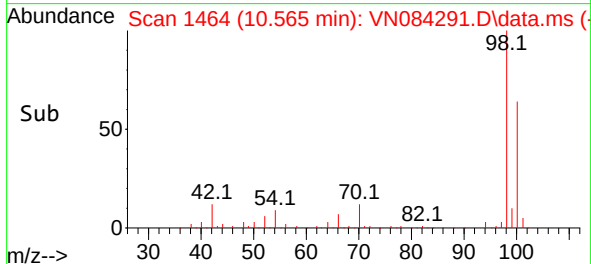
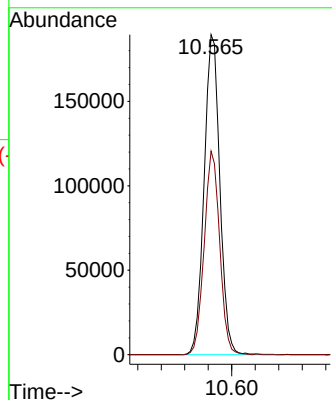
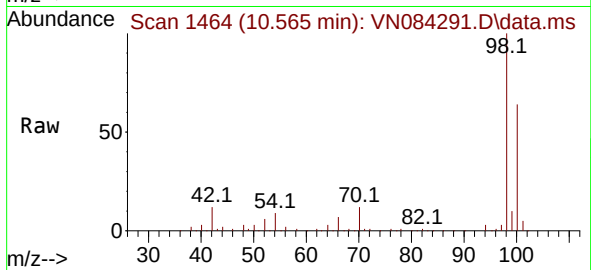




#50
Toluene-d8
Concen: 50.740 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

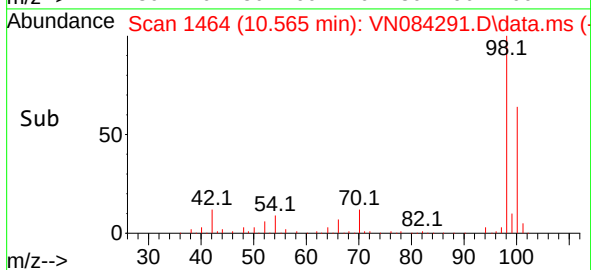
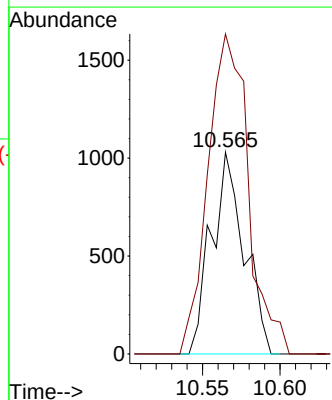
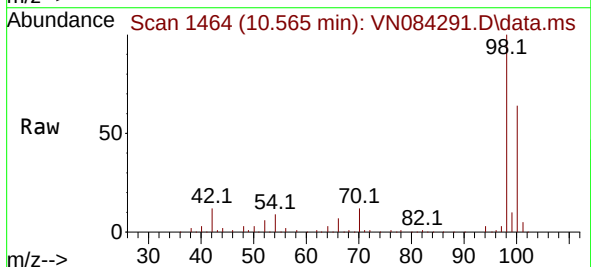
Instrument :
MSVOA_N
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RW9-MW-01S-20240925

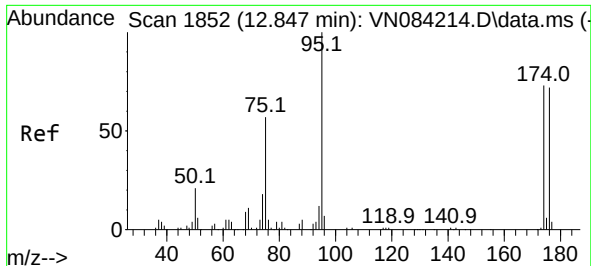
Tgt Ion: 98 Resp: 352059
Ion Ratio Lower Upper
98 100
100 62.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 193.5 31.6 47.4#

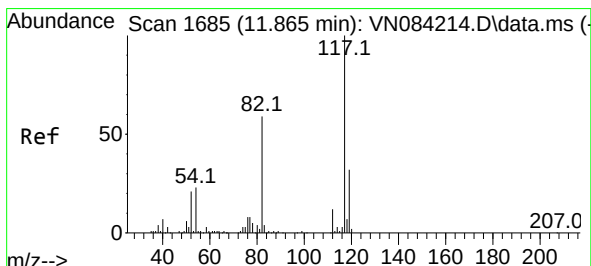
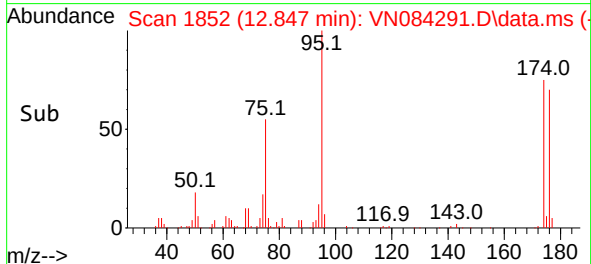
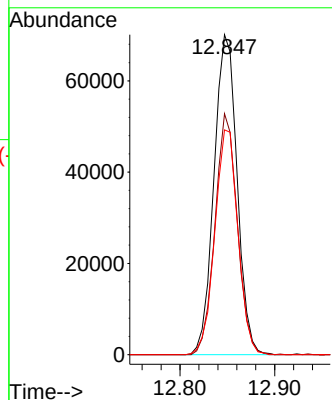
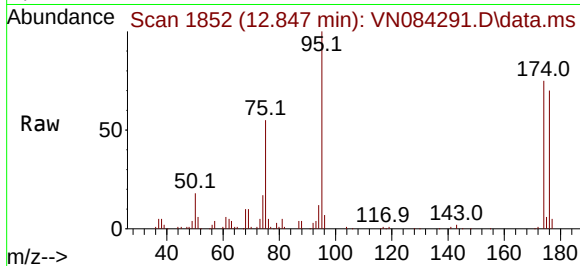




#62
4-Bromofluorobenzene
Concen: 46.967 ug/l
RT: 12.847 min Scan# 118722
Delta R.T. 0.000 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

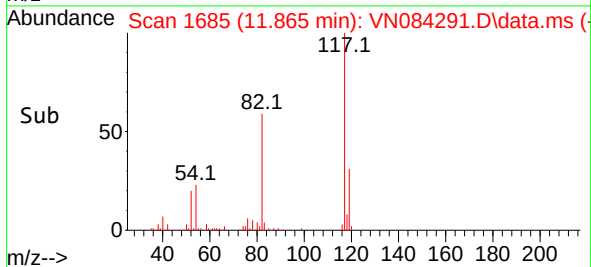
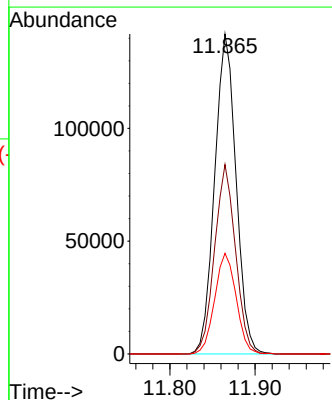
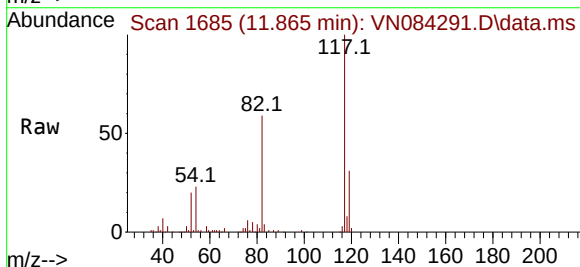
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

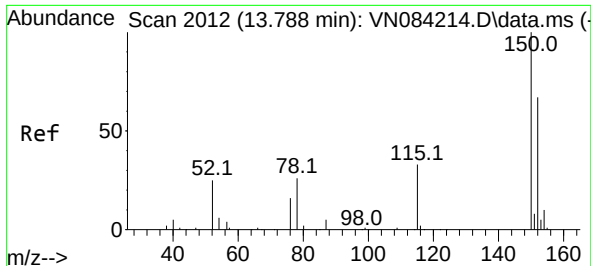
Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.2
176	70.4	0.0	140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.2	70.8
119	31.4	25.4	38.0

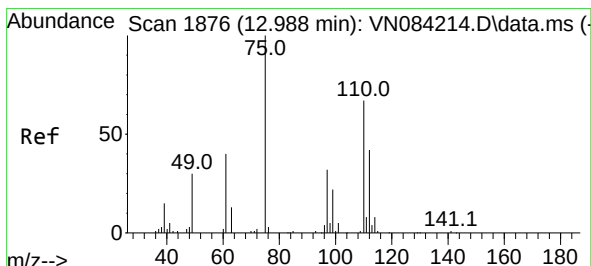
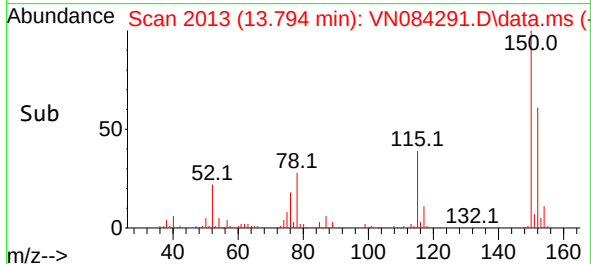
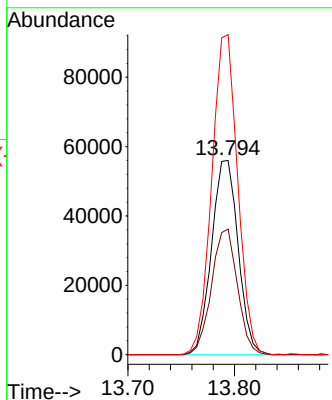
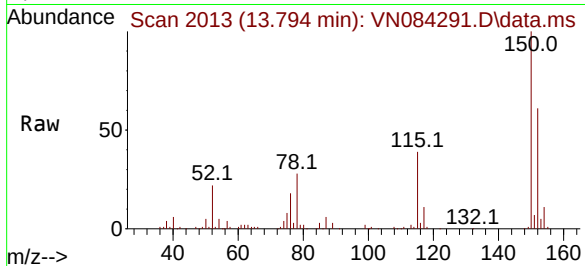




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

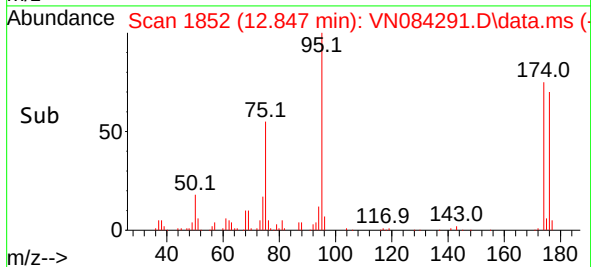
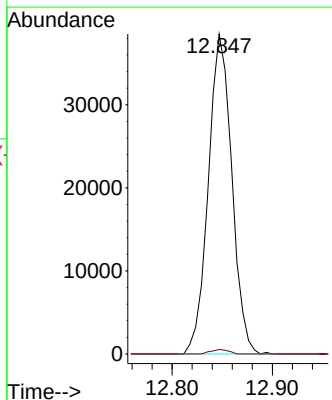
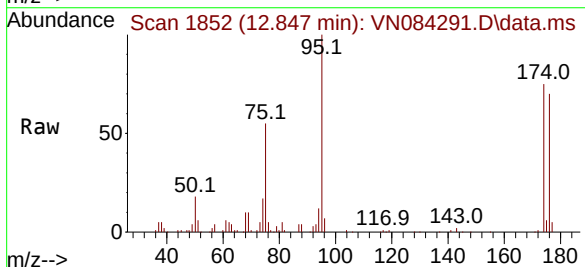
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW-01S-20240925

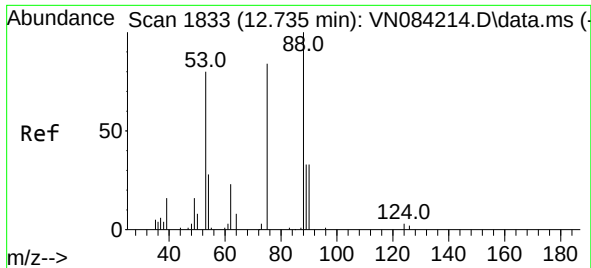
Tgt Ion:152 Resp: 97198
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.9
150 160.2 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 31.638 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084291.D
Acq: 03 Oct 2024 12:16

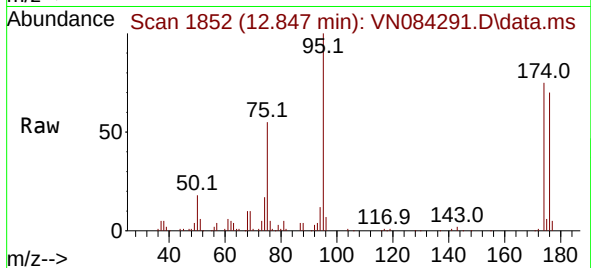
Tgt Ion: 75 Resp: 62780
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.851 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084291.D
 Acq: 03 Oct 2024 12:16

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



Tgt Ion: 75 Resp: 62780
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

