

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081198.D
 Acq On : 26 Feb 2024 16:28
 Operator : JC\MD
 Sample : P1533-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D3-20240217

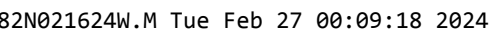
Quant Time: Feb 27 00:09:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

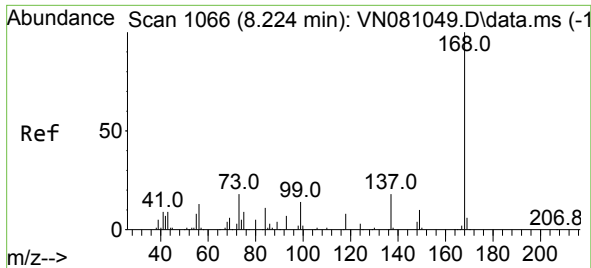
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	360065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	666845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	587223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	237617	53.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.680%			
35) Dibromofluoromethane	8.171	113	188457	49.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	10.571	98	718376	53.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.853	95	236243	46.944	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.880%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1284	Below Cal	#	74
5) Bromomethane	2.983	94	835	0.227	ug/l #	50
6) Chloroethane	3.112	64	128	Below Cal	#	42
13) Acrolein	4.171	56	106	0.244	ug/l #	1
16) Acetone	4.430	43	4198	2.417	ug/l #	65
20) Methylene Chloride	5.294	84	853	Below Cal	#	51
31) Cyclohexane	8.230	56	9303	1.221	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	33546	5.193	ug/l #	44
38) Carbon Tetrachloride	8.224	117	42968	6.574	ug/l #	18
43) Isopropyl Acetate	8.694	43	9427	0.924	ug/l #	57
52) Toluene	10.629	92	19013	1.606	ug/l	99
71) Bromoform	12.853	173	1711	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	128099	23.831	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	128099	61.339	ug/l #	14

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

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Response via : Initial Calibration

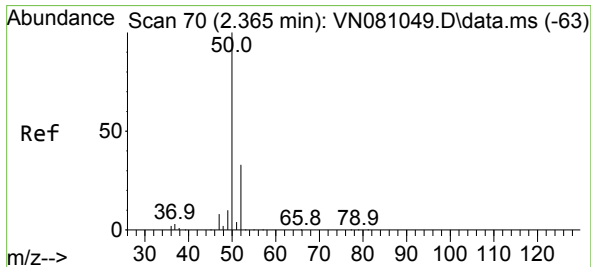
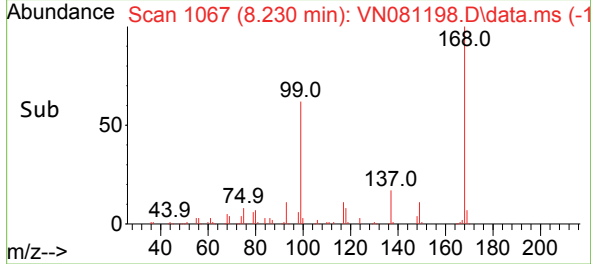
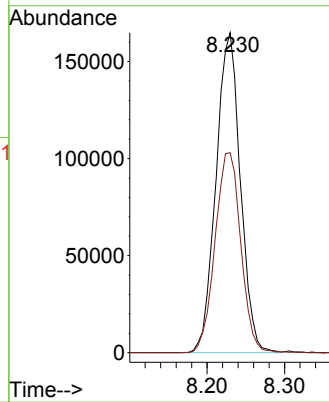
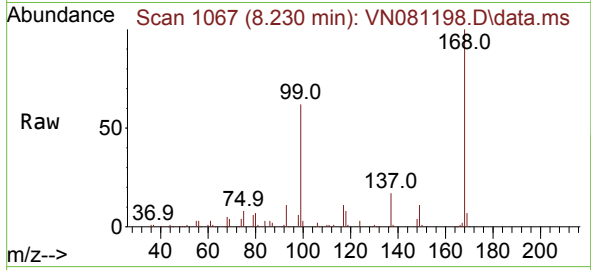




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

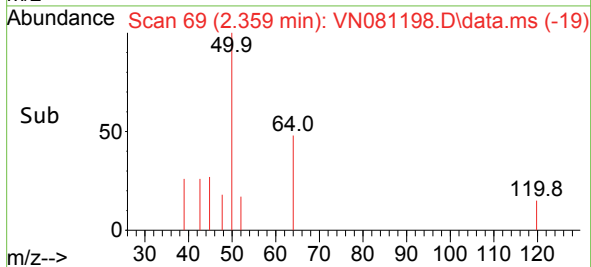
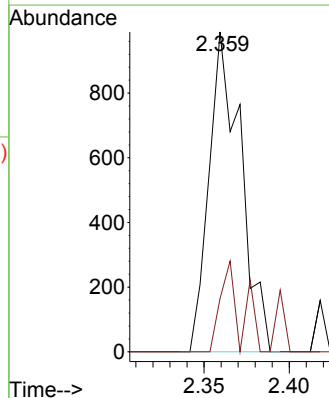
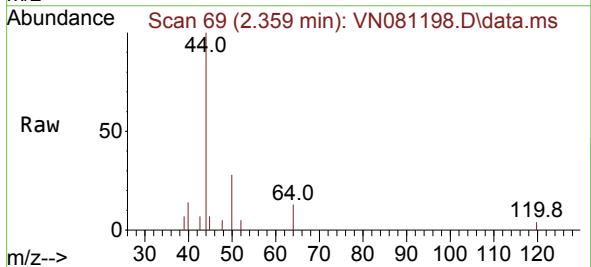
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20240217

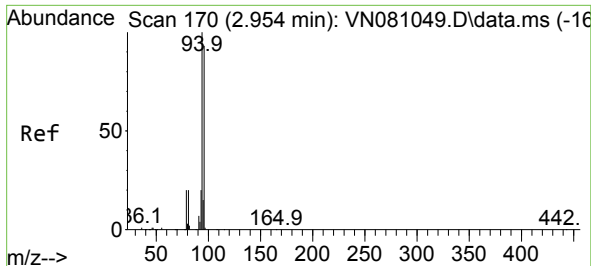
Tgt Ion:168 Resp: 360065
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Tgt Ion: 50 Resp: 1284
Ion Ratio Lower Upper
50 100
52 16.7 25.0 37.4#

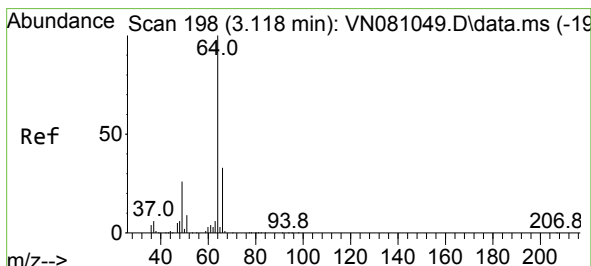
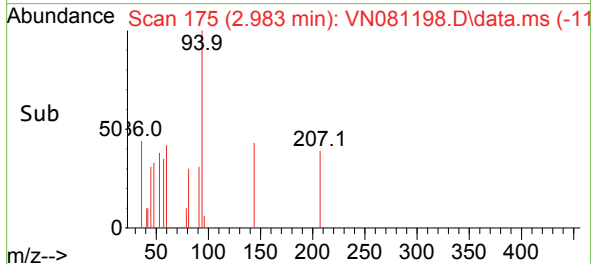
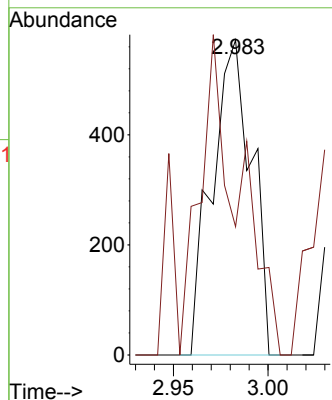
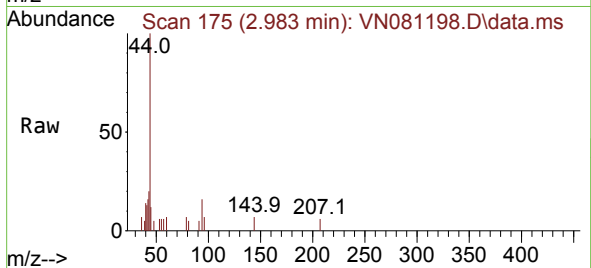




#5
Bromomethane
Concen: 0.227 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

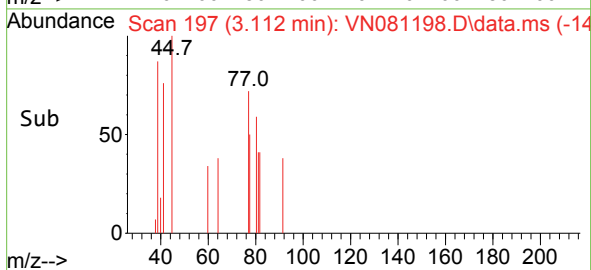
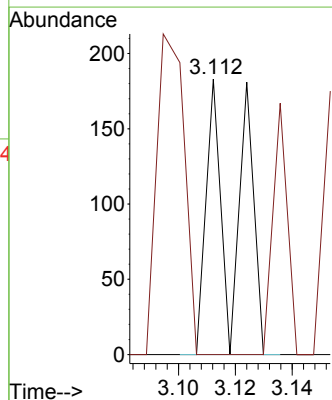
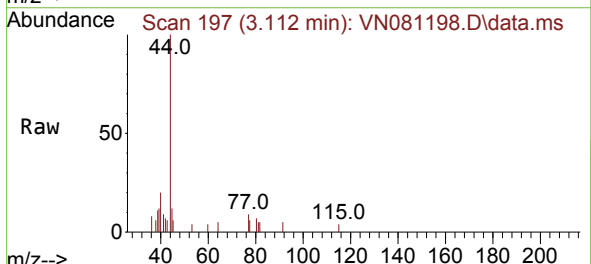
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20240217

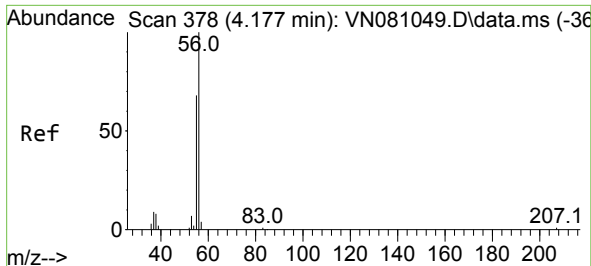
Tgt Ion: 94 Resp: 835
Ion Ratio Lower Upper
94 100
96 40.7 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

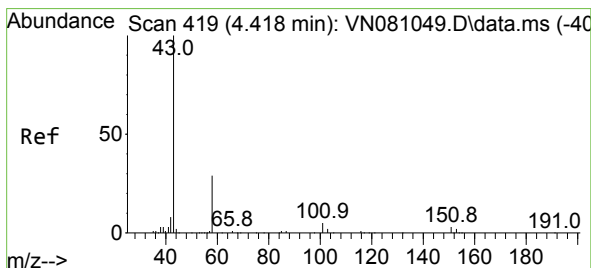
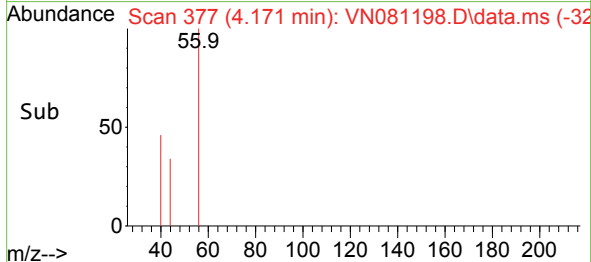
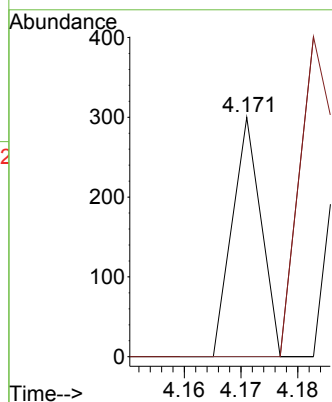
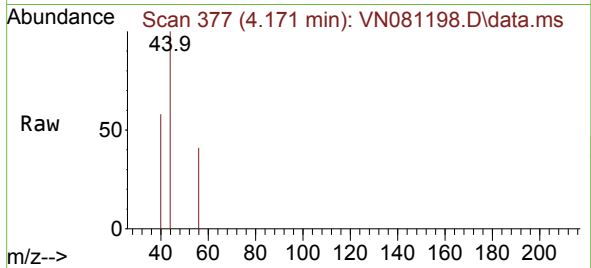




#13
Acrolein
Concen: 0.244 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

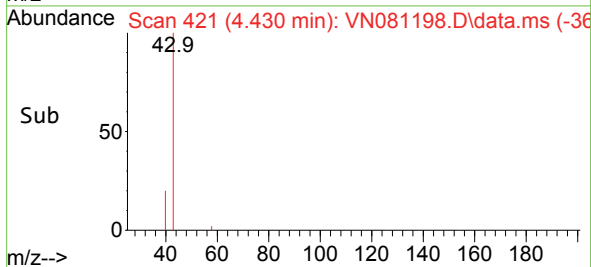
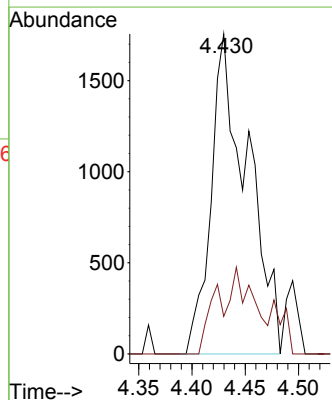
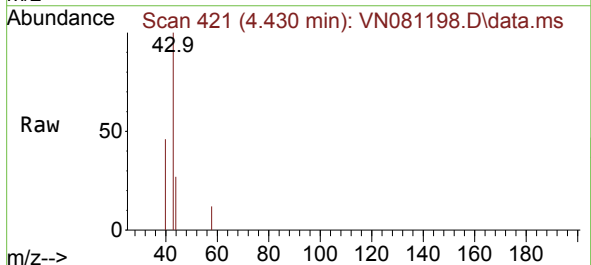
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20240217

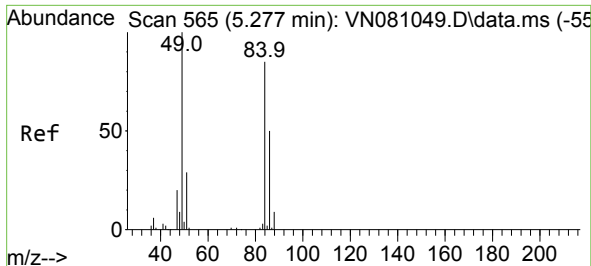
Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 284.9 55.3 82.9#



#16
Acetone
Concen: 2.417 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Tgt Ion: 43 Resp: 4198
Ion Ratio Lower Upper
43 100
58 11.7 24.8 37.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.294 min Scan# 5

Delta R.T. 0.017 min

Lab File: VN081198.D

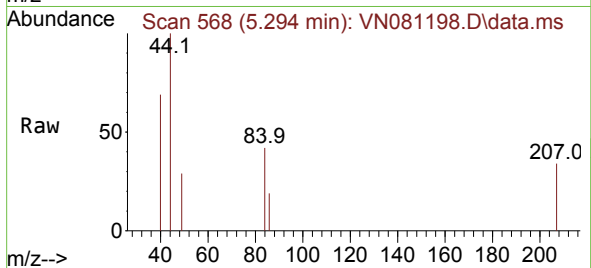
Acq: 26 Feb 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D3-20240217



Tgt Ion: 84 Resp: 853

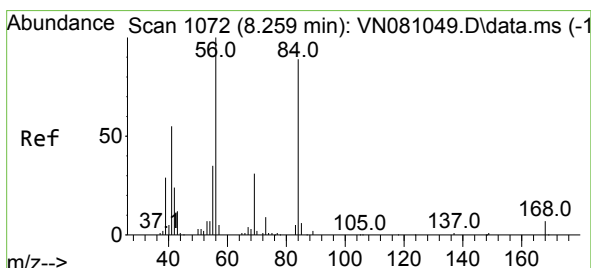
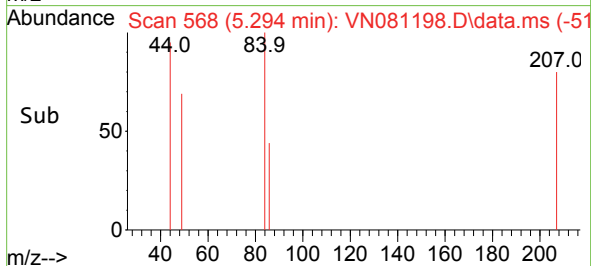
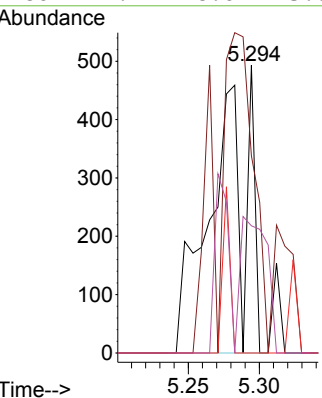
Ion Ratio Lower Upper

84 100

49 68.6 108.1 162.1#

51 0.0 32.9 49.3#

86 44.2 48.6 73.0#



#31

Cyclohexane

Concen: 1.221 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.030 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

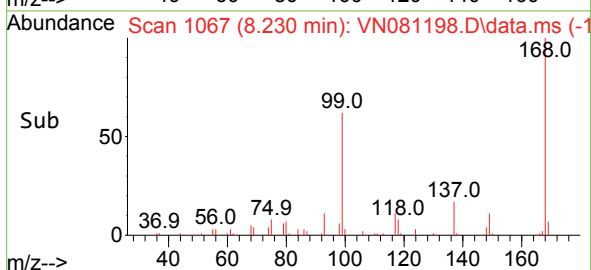
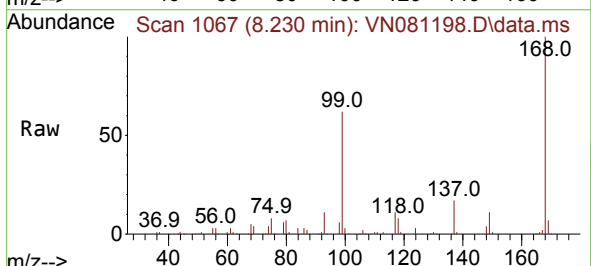
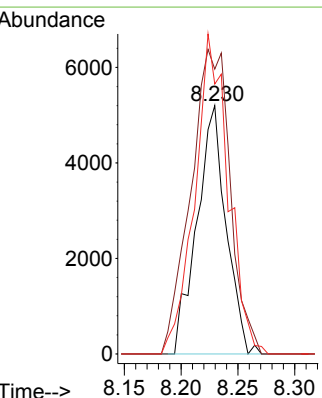
Tgt Ion: 56 Resp: 9303

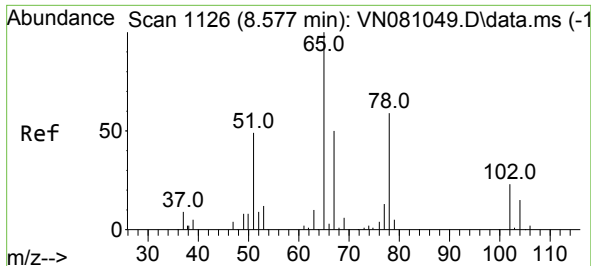
Ion Ratio Lower Upper

56 100

69 114.7 20.1 30.1#

84 108.7 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 53.840 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

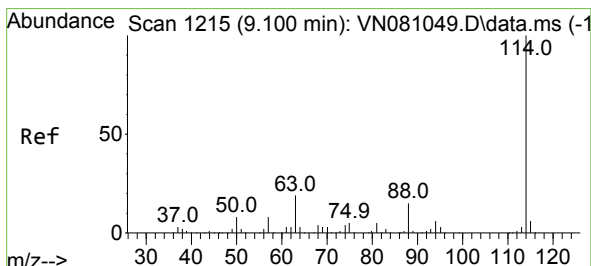
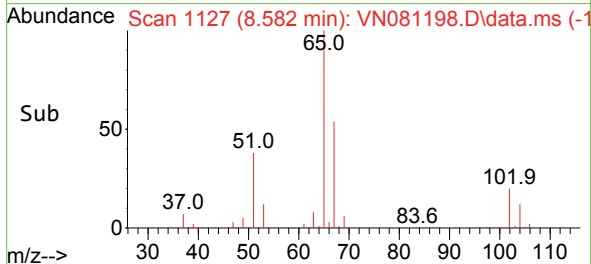
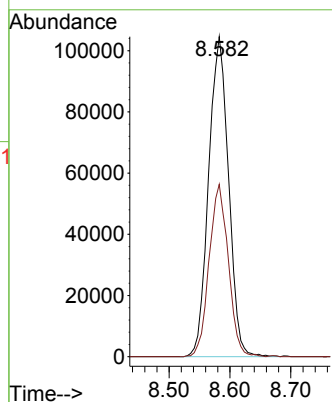
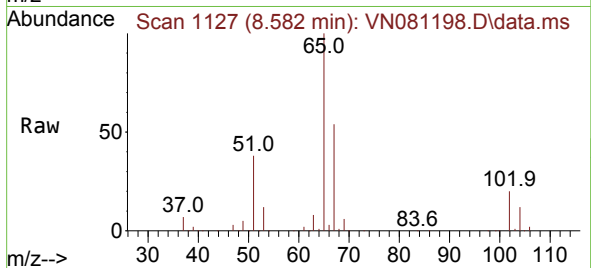
RW9-MW01D3-20240217

Tgt Ion: 65 Resp: 237617

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

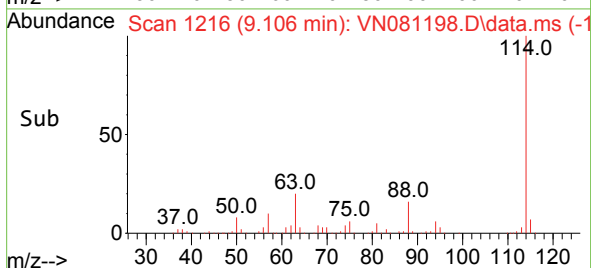
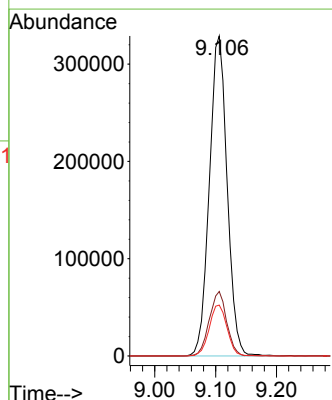
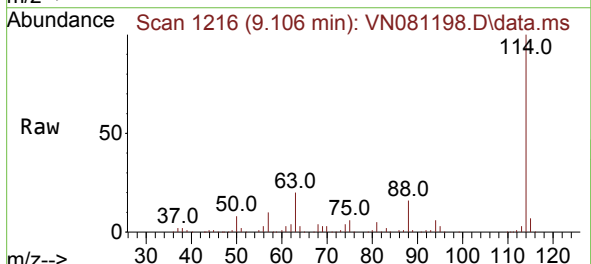
Tgt Ion: 114 Resp: 666845

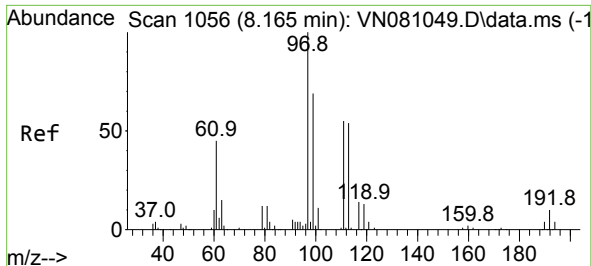
Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

88 15.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.978 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D3-20240217

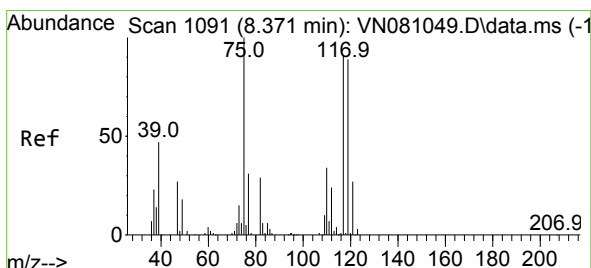
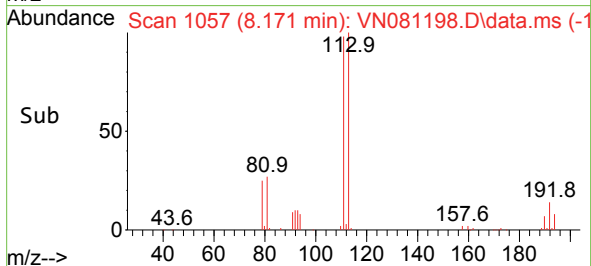
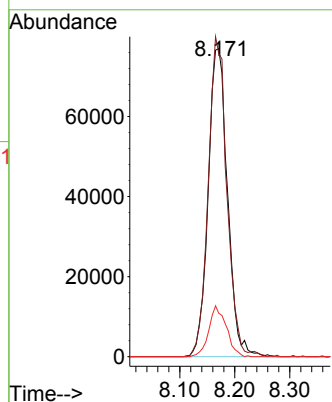
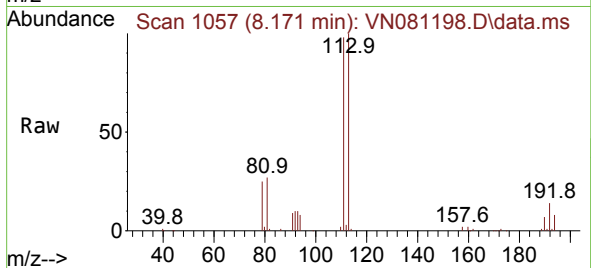
Tgt Ion:113 Resp: 188457

Ion Ratio Lower Upper

113 100

111 99.2 82.2 123.4

192 15.0 12.5 18.7



#36

1,1-Dichloropropene

Concen: 5.193 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

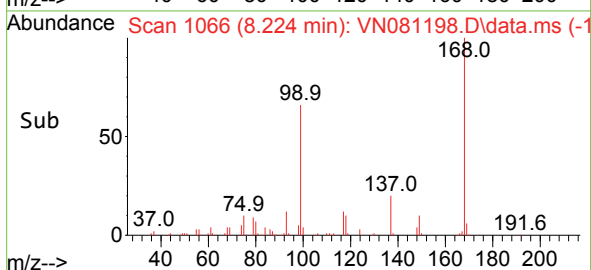
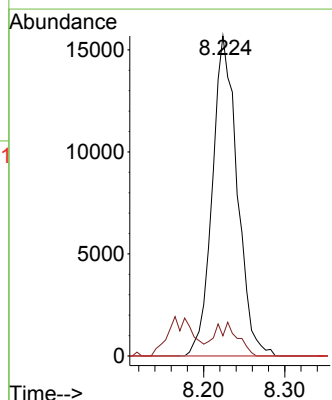
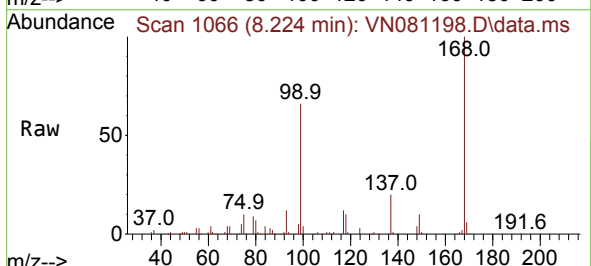
Tgt Ion: 75 Resp: 33546

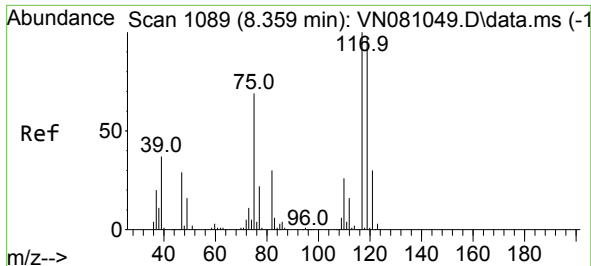
Ion Ratio Lower Upper

75 100

110 1.9 16.0 48.0#

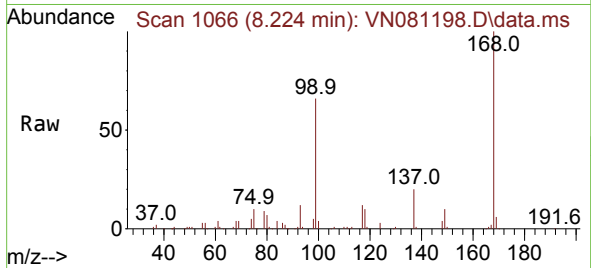
77 0.0 25.8 38.6#



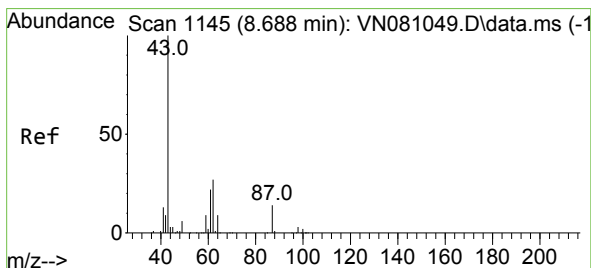
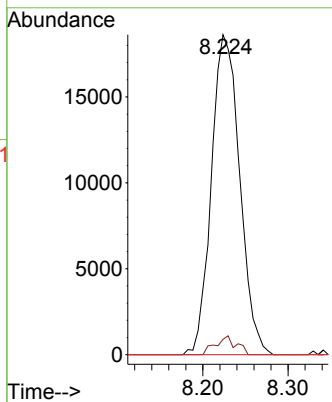
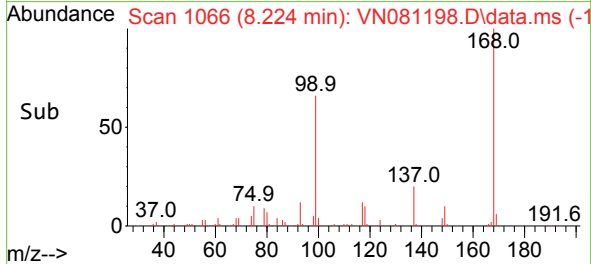


#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20240217

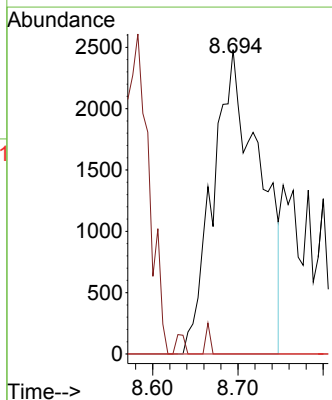
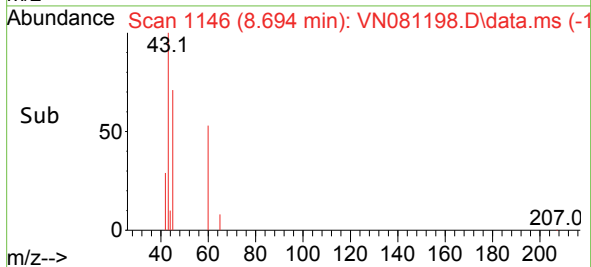
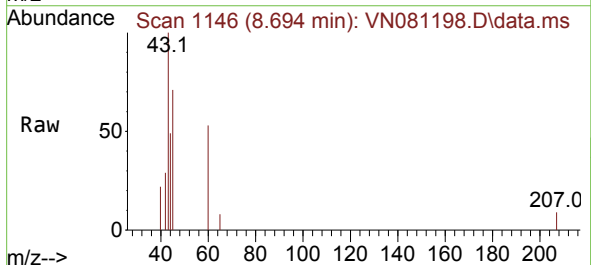


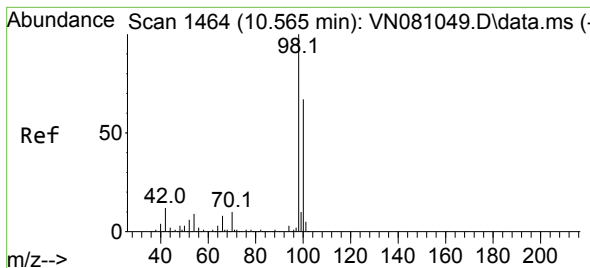
Tgt Ion:117 Resp: 42968
Ion Ratio Lower Upper
117 100
119 4.8 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.924 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Tgt Ion: 43 Resp: 9427
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#





#50

Toluene-d8

Concen: 53.639 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

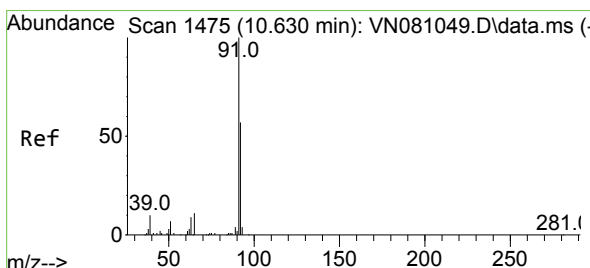
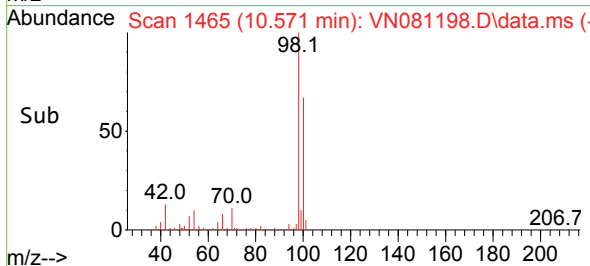
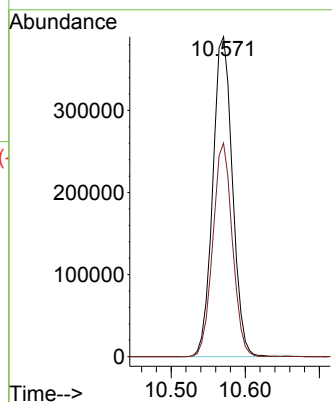
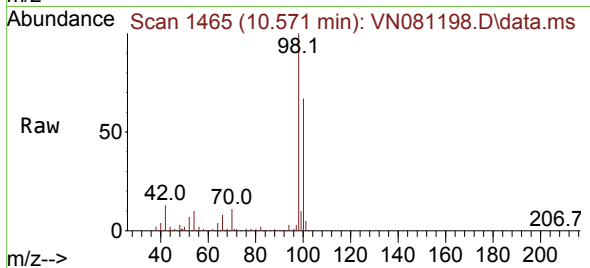
RW9-MW01D3-20240217

Tgt Ion: 98 Resp: 718376

Ion Ratio Lower Upper

98 100

100 66.2 51.4 77.0



#52

Toluene

Concen: 1.606 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081198.D

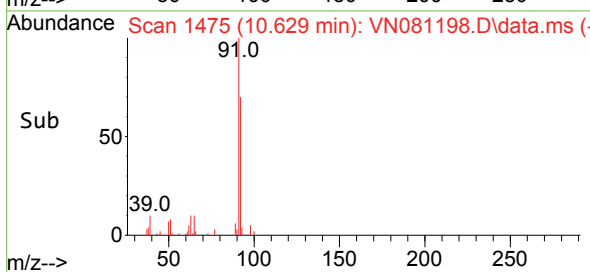
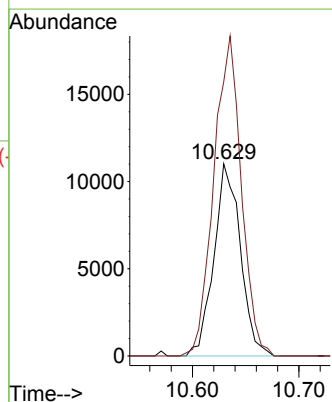
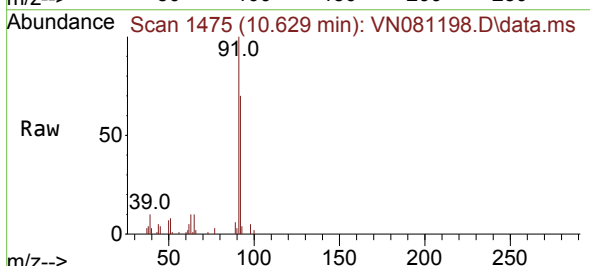
Acq: 26 Feb 2024 16:28

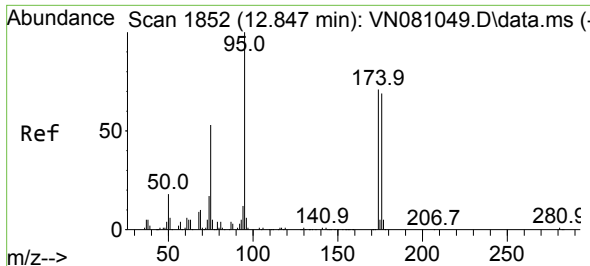
Tgt Ion: 92 Resp: 19013

Ion Ratio Lower Upper

92 100

91 172.9 139.4 209.0

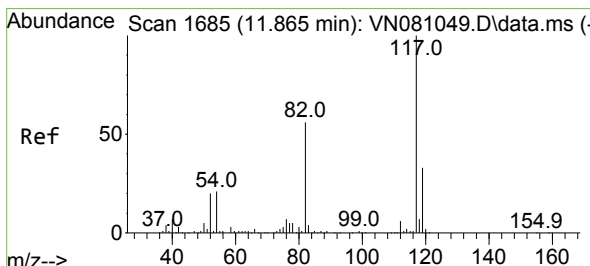
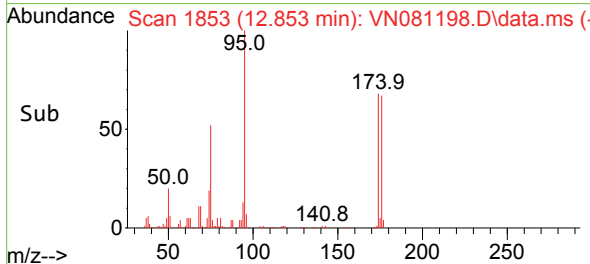
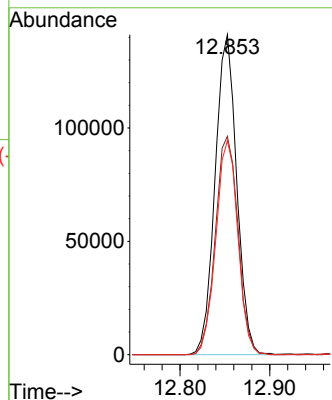
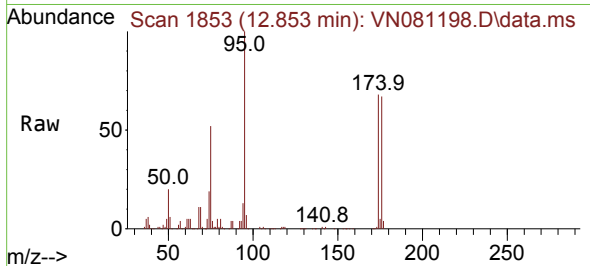




#62
4-Bromofluorobenzene
Concen: 46.944 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

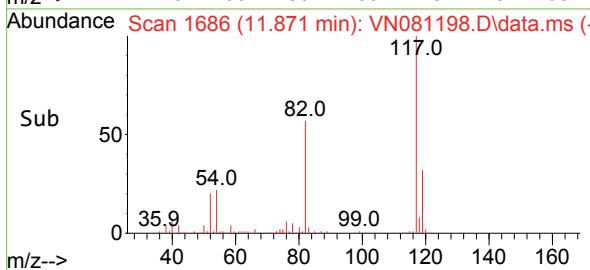
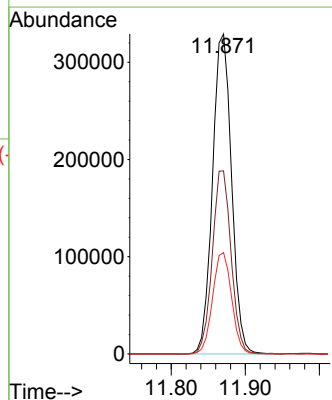
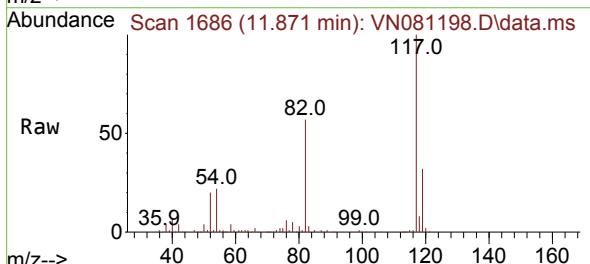
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20240217

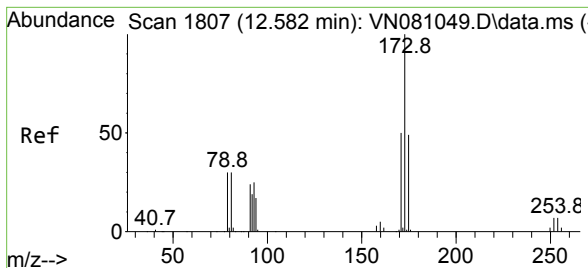
Tgt Ion:	95	Resp:	236243
Ion	Ratio	Lower	Upper
95	100		
174	71.6	0.0	120.4
176	67.9	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Tgt Ion:	117	Resp:	587223
Ion	Ratio	Lower	Upper
117	100		
82	57.2	52.7	79.1
119	31.7	25.3	37.9





#71

Bromoform

Concen: 0.591 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.270 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D3-20240217

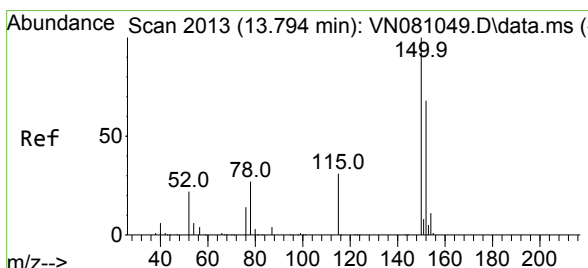
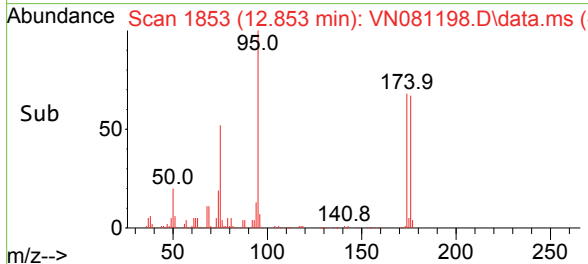
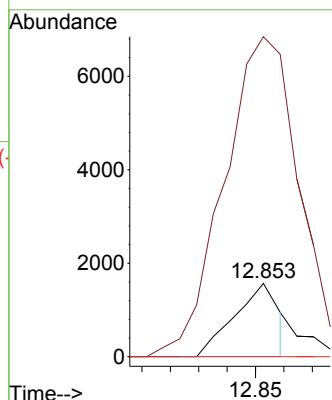
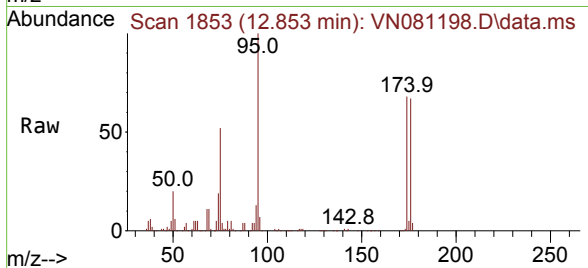
Tgt Ion:173 Resp: 1711

Ion Ratio Lower Upper

173 100

175 585.9 23.1 69.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081198.D

Acq: 26 Feb 2024 16:28

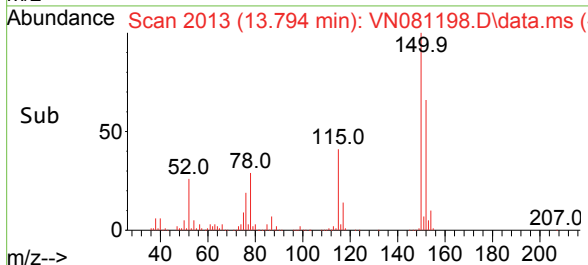
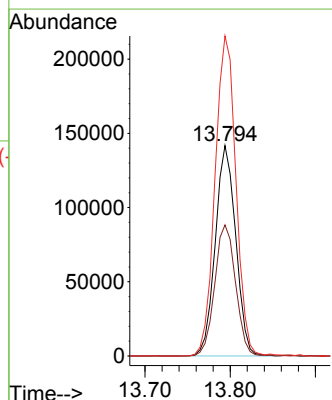
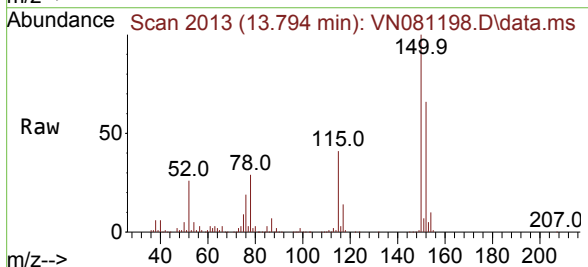
Tgt Ion:152 Resp: 236581

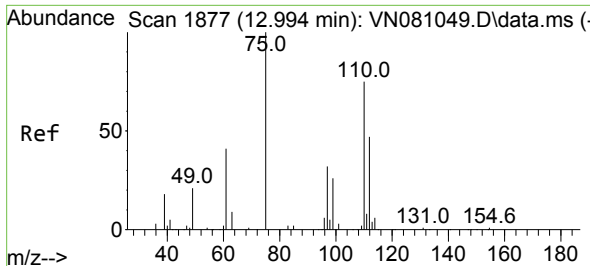
Ion Ratio Lower Upper

152 100

115 63.5 32.3 96.8

150 155.4 0.0 339.8

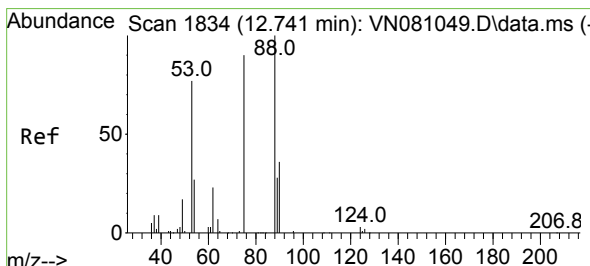
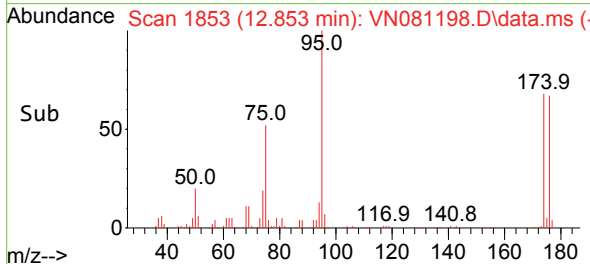
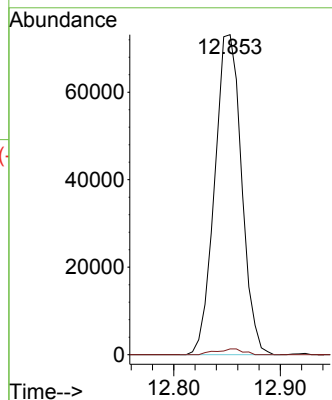
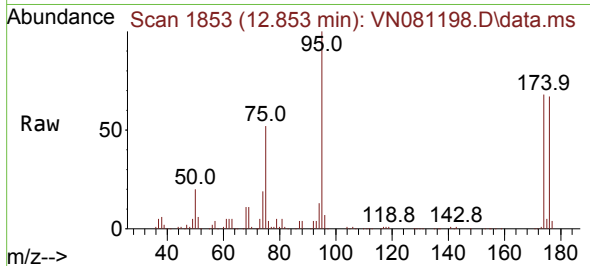




#76
1,2,3-Trichloropropane
Concen: 23.831 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20240217

Tgt Ion: 75 Resp: 128099
Ion Ratio Lower Upper
75 100
77 1.8 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.339 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081198.D
Acq: 26 Feb 2024 16:28

Tgt Ion: 75 Resp: 128099
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

