

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081219.D
 Acq On : 27 Feb 2024 15:11
 Operator : JC\MD
 Sample : P1577-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01S-20240221

Quant Time: Feb 28 04:18:46 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)

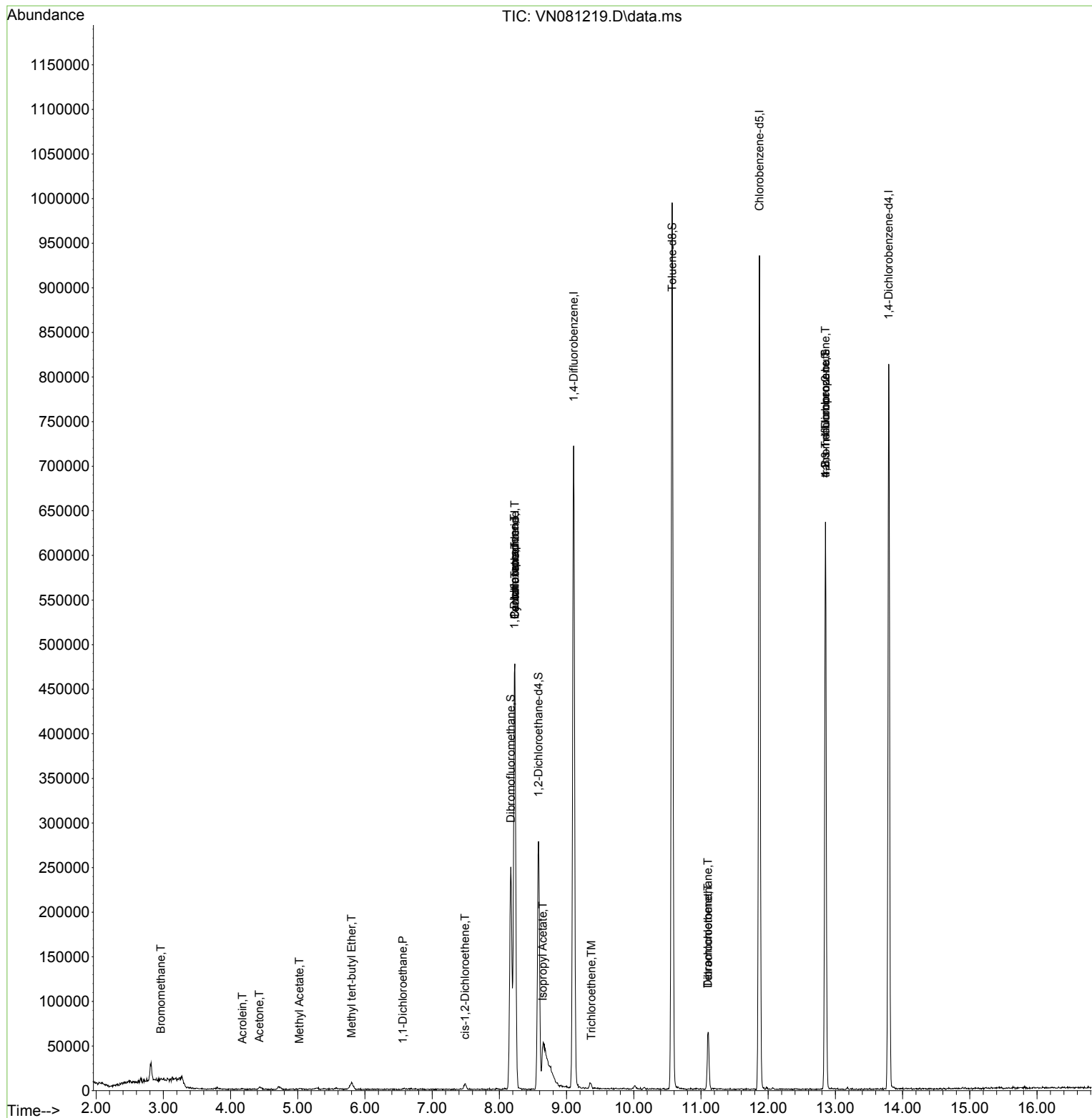
Internal Standards						
1) Pentafluorobenzene	8.229	168	326740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	614642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	521087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217048	54.195	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.400%			
35) Dibromofluoromethane	8.171	113	175421	50.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	10.570	98	666279	53.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.940%			
62) 4-Bromofluorobenzene	12.853	95	214601	46.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.540%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1089	Below Cal	#	41
5) Bromomethane	2.965	94	975	0.292	ug/l #	6
6) Chloroethane	3.112	64	197	Below Cal	#	42
13) Acrolein	4.177	56	480	1.216	ug/l	90
16) Acetone	4.430	43	4375	2.776	ug/l #	86
18) Methyl Acetate	5.024	43	1117	0.291	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	11442	0.904	ug/l #	82
20) Methylene Chloride	5.271	84	319	Below Cal	#	42
24) 1,1-Dichloroethane	6.565	63	1489	0.207	ug/l #	85
27) cis-1,2-Dichloroethene	7.488	96	3804	0.794	ug/l	72
31) Cyclohexane	8.229	56	9049	1.309	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	31059	5.216	ug/l #	49
38) Carbon Tetrachloride	8.229	117	37232	6.180	ug/l #	20
43) Isopropyl Acetate	8.647	43	127636	13.580	ug/l #	58
44) Trichloroethene	9.371	130	1039	0.226	ug/l	34
60) Dibromochloromethane	11.106	129	16414	3.682	ug/l #	10
64) Tetrachloroethene	11.106	164	13608	3.826	ug/l	87
76) 1,2,3-Trichloropropane	12.853	75	118431	26.092	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118431	67.159	ug/l #	14

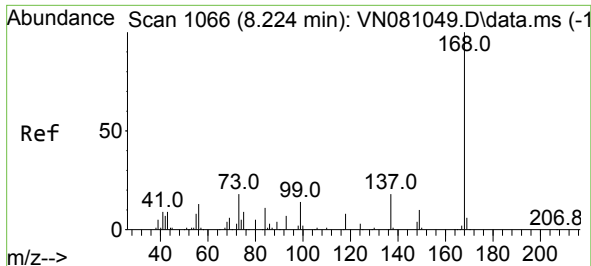
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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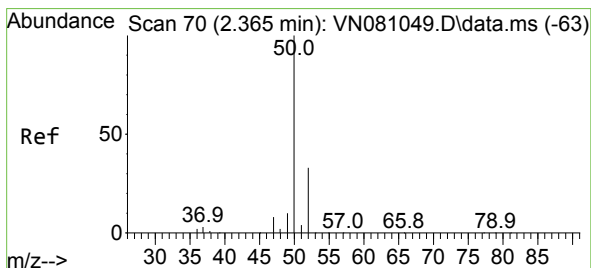
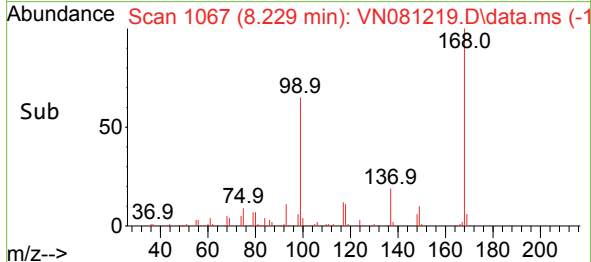
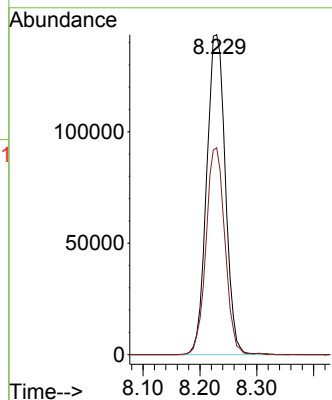
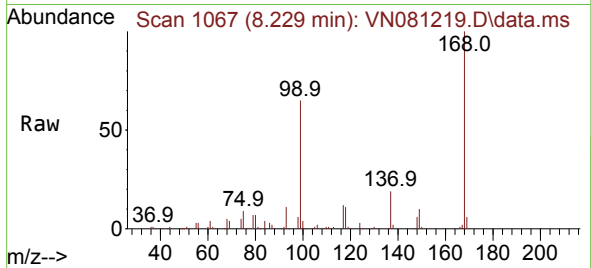




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

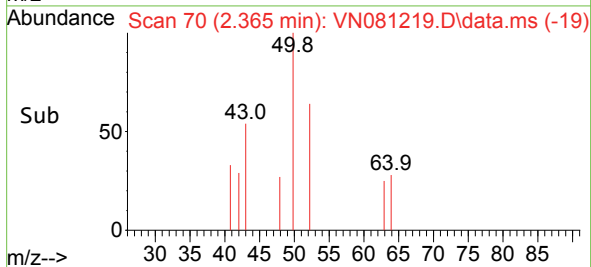
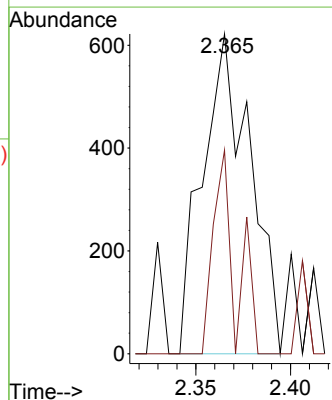
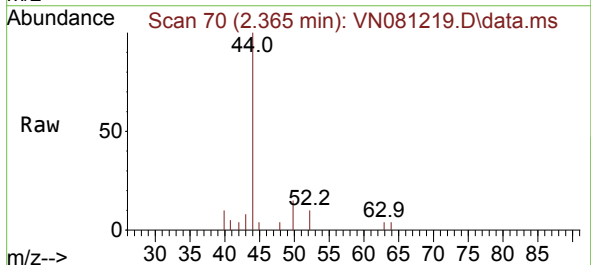
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20240221

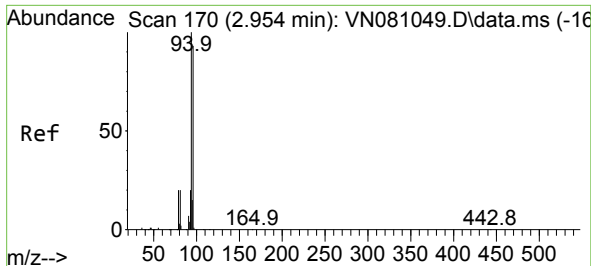
Tgt Ion:168 Resp: 326740
Ion Ratio Lower Upper
168 100
99 64.5 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion: 50 Resp: 1089
Ion Ratio Lower Upper
50 100
52 63.7 25.0 37.4#





#5

Bromomethane

Concen: 0.292 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN081219.D

Acq: 27 Feb 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

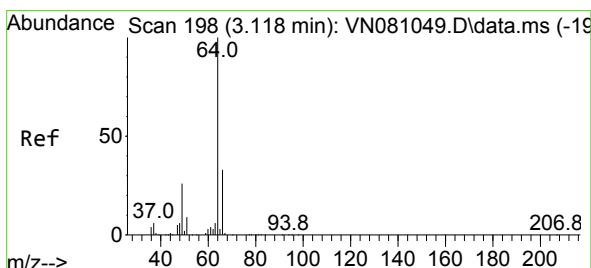
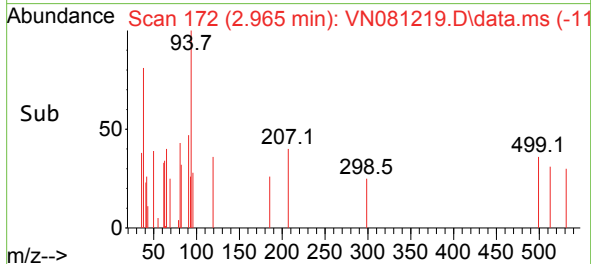
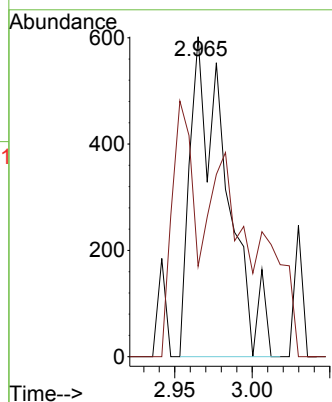
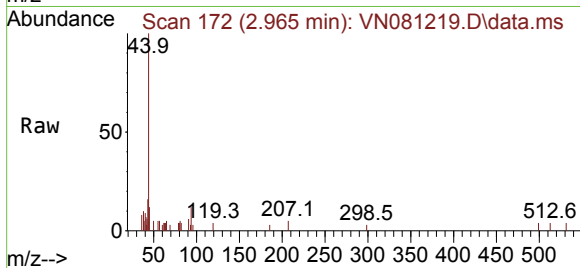
RW10-MW01S-20240221

Tgt Ion: 94 Resp: 975

Ion Ratio Lower Upper

94 100

96 0.0 69.2 103.8#



#6

Chloroethane

Concen: Below Cal

RT: 3.112 min Scan# 197

Delta R.T. -0.006 min

Lab File: VN081219.D

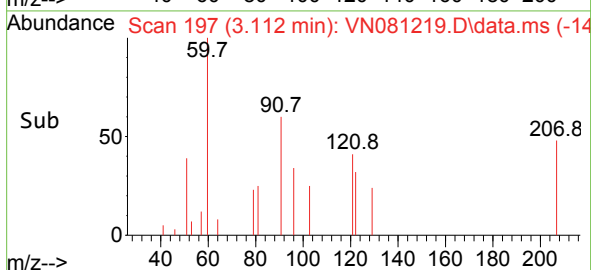
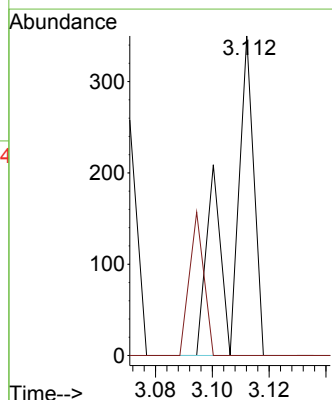
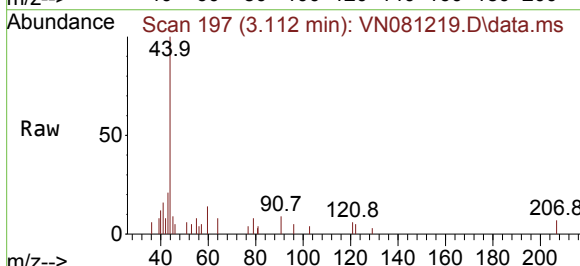
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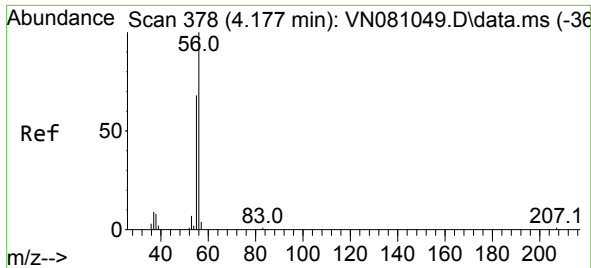
Tgt Ion: 64 Resp: 197

Ion Ratio Lower Upper

64 100

66 0.0 26.4 39.6#

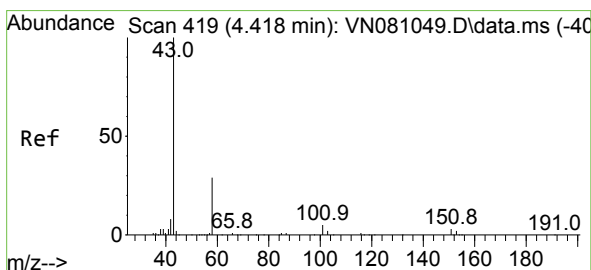
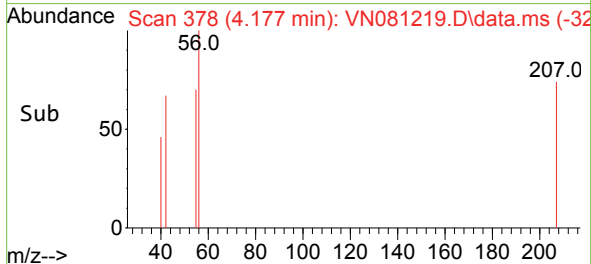
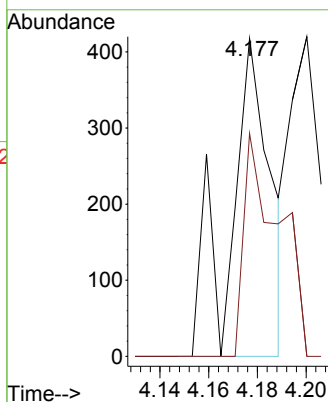
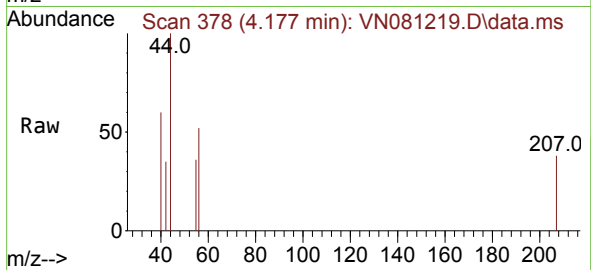




#13
Acrolein
Concen: 1.216 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

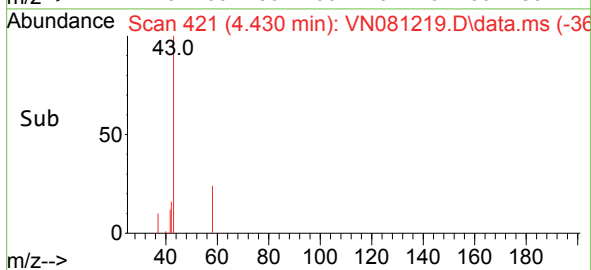
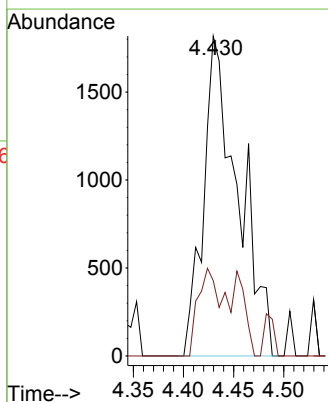
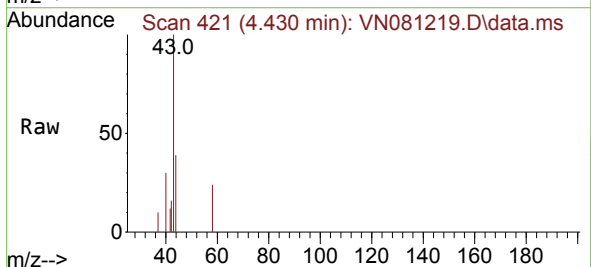
Instrument :
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RW10-MW01S-20240221

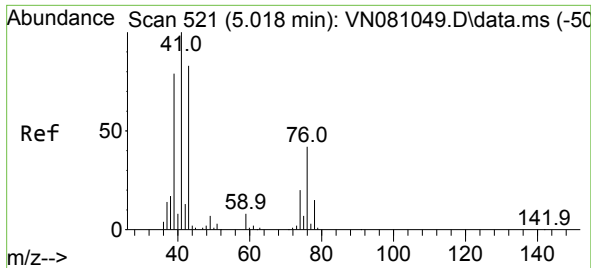
Tgt Ion: 56 Resp: 480
Ion Ratio Lower Upper
56 100
55 61.3 55.3 82.9



#16
Acetone
Concen: 2.776 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion: 43 Resp: 4375
Ion Ratio Lower Upper
43 100
58 23.5 24.8 37.2#

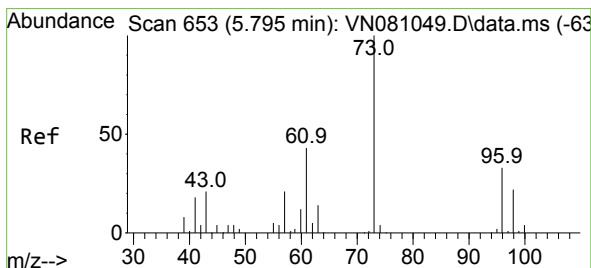
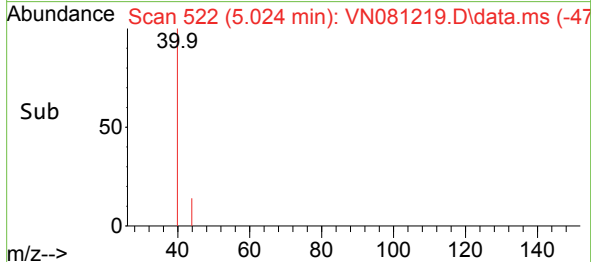
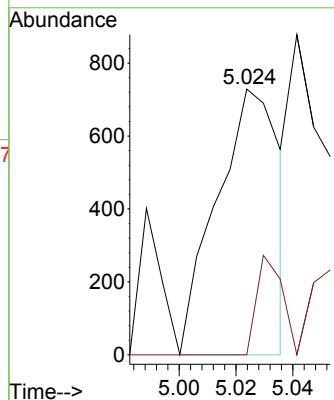
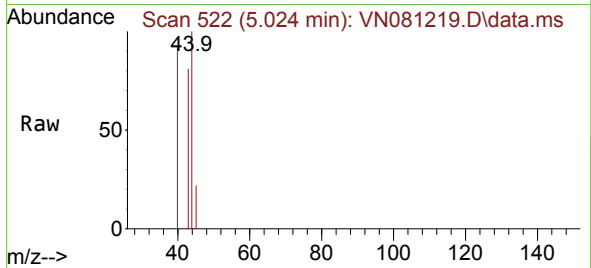




#18
Methyl Acetate
Concen: 0.291 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

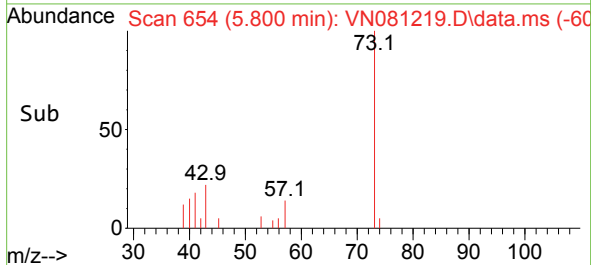
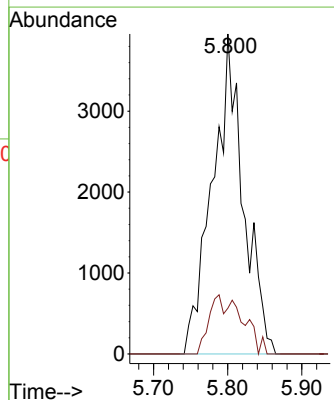
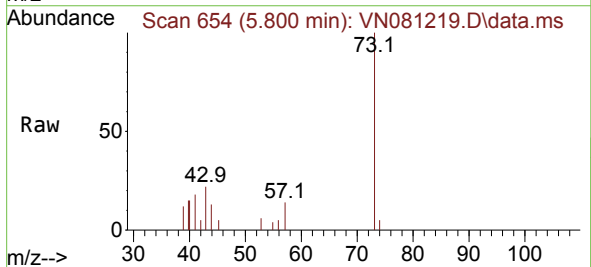
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20240221

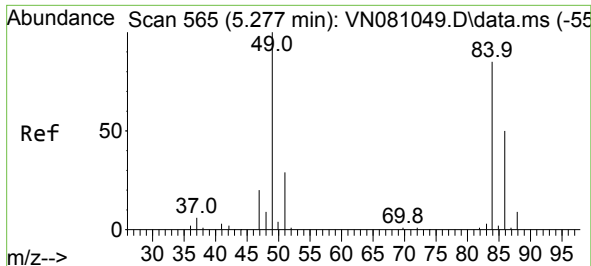
Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
74 15.2 17.3 25.9#



#19
Methyl tert-butyl Ether
Concen: 0.904 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

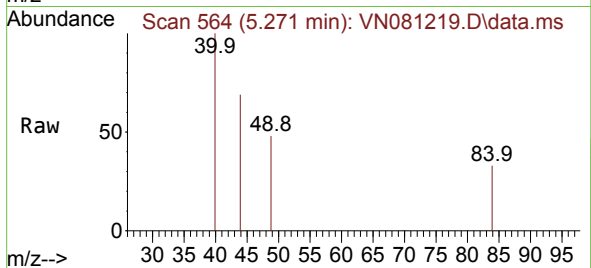
Tgt Ion: 73 Resp: 11442
Ion Ratio Lower Upper
73 100
57 14.3 18.2 27.4#



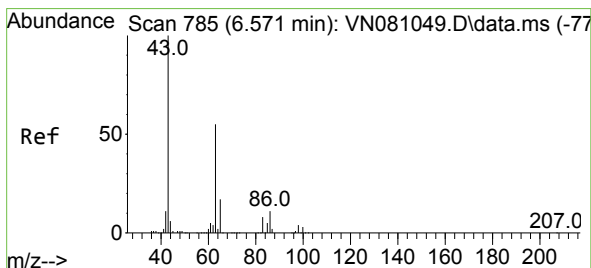
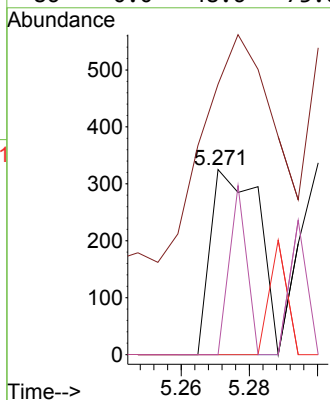
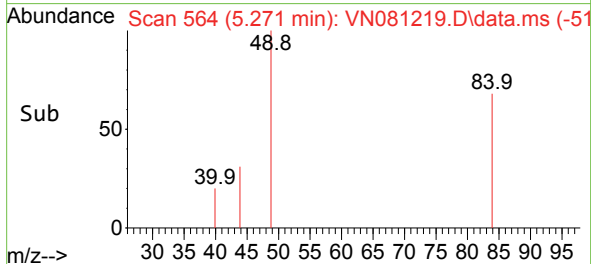


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20240221

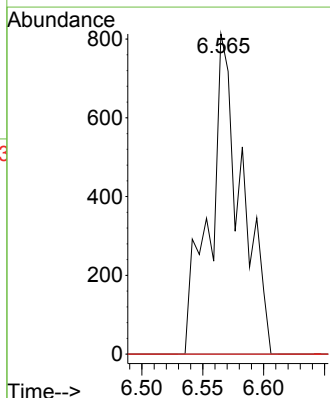
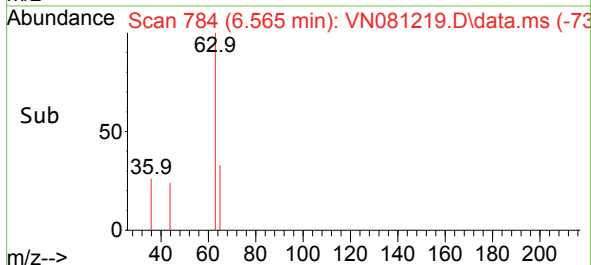
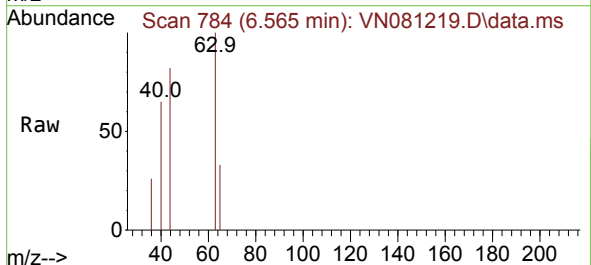


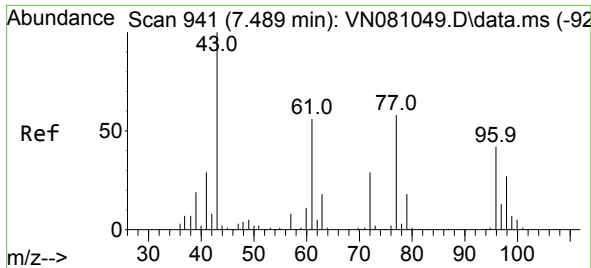
Tgt Ion: 84 Resp: 319
Ion Ratio Lower Upper
84 100
49 80.9 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#



#24
1,1-Dichloroethane
Concen: 0.207 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion: 63 Resp: 1489
Ion Ratio Lower Upper
63 100
98 0.0 2.9 8.6#
100 0.0 1.9 5.7#

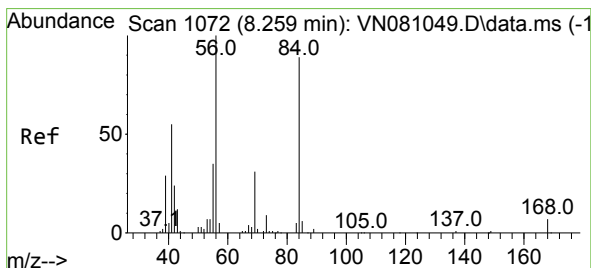
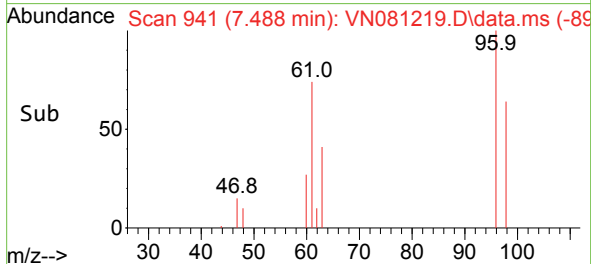
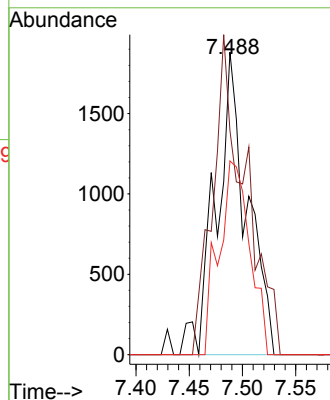
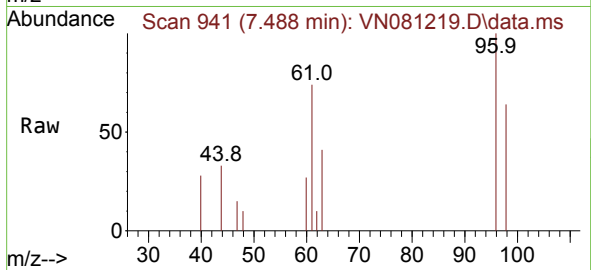




#27
 cis-1,2-Dichloroethene
 Concen: 0.794 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081219.D
 Acq: 27 Feb 2024 15:11

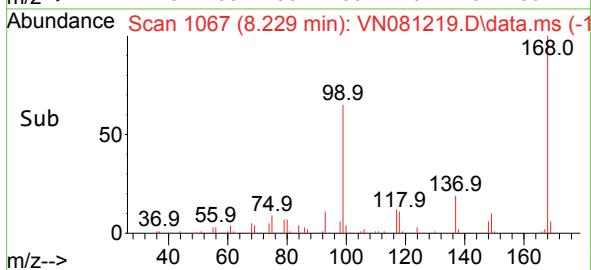
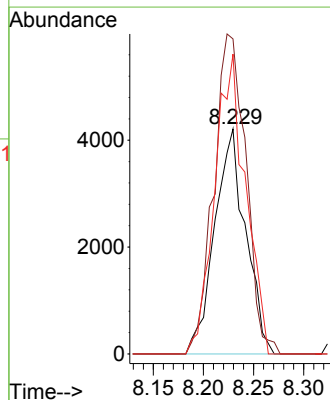
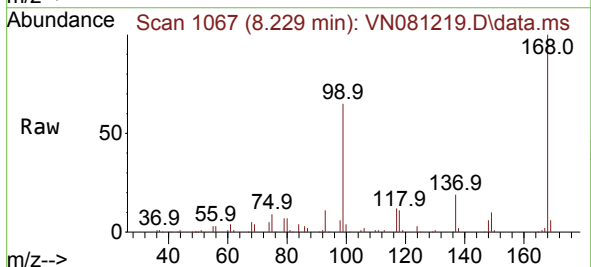
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 RW10-MW01S-20240221

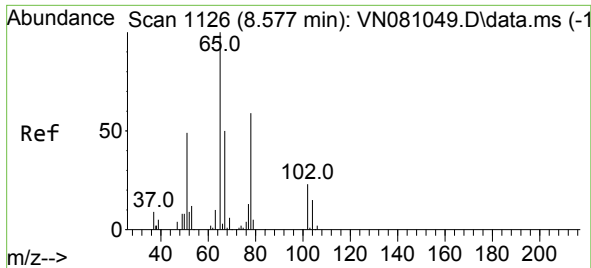
Tgt Ion: 96 Resp: 3804
 Ion Ratio Lower Upper
 96 100
 61 111.1 0.0 325.4
 98 63.8 0.0 130.4



#31
 Cyclohexane
 Concen: 1.309 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.030 min
 Lab File: VN081219.D
 Acq: 27 Feb 2024 15:11

Tgt Ion: 56 Resp: 9049
 Ion Ratio Lower Upper
 56 100
 69 140.0 20.1 30.1#
 84 133.3 56.9 85.3#

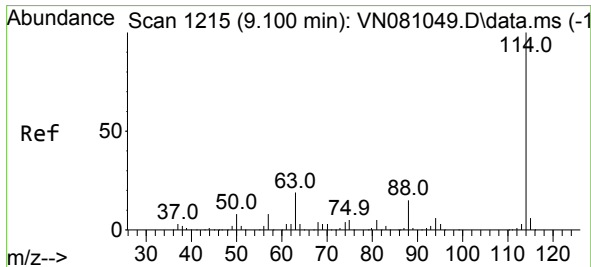
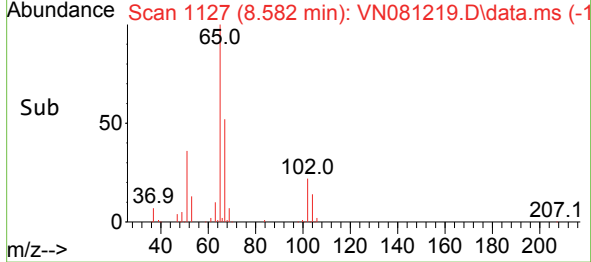
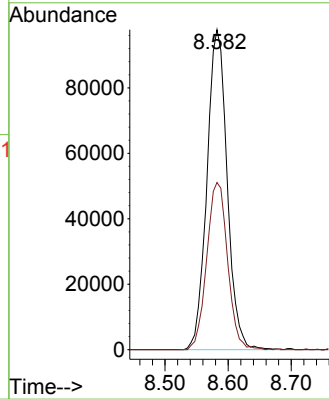
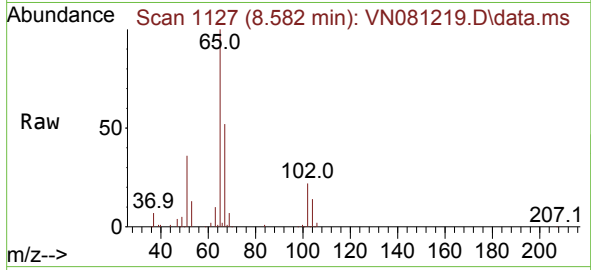




#33
1,2-Dichloroethane-d4
Concen: 54.195 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

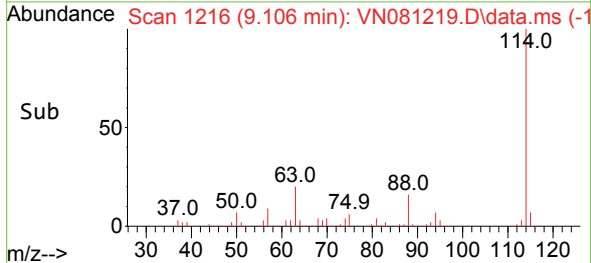
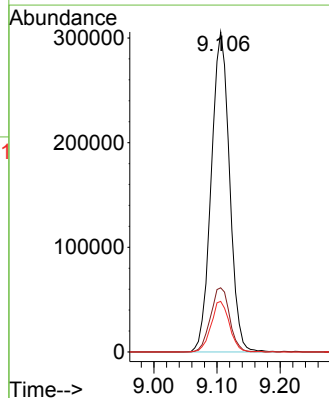
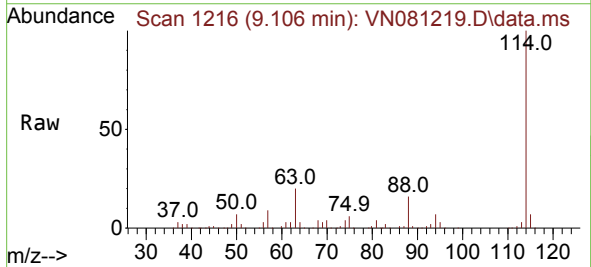
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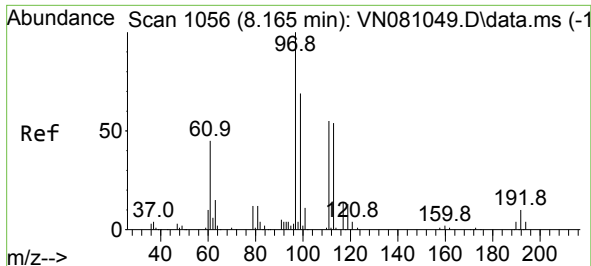
Tgt Ion: 65 Resp: 217048
Ion Ratio Lower Upper
65 100
67 53.9 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion:114 Resp: 614642
Ion Ratio Lower Upper
114 100
63 20.0 0.0 48.0
88 15.8 0.0 34.8

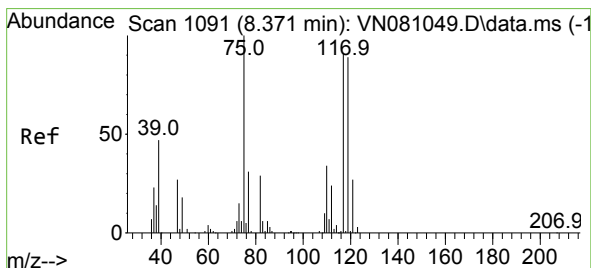
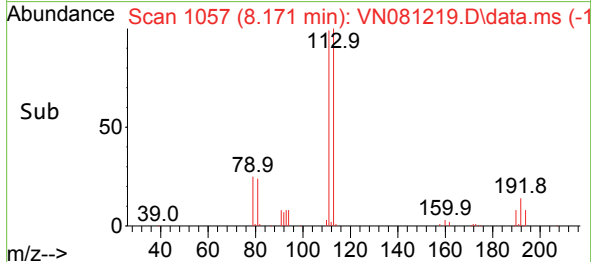
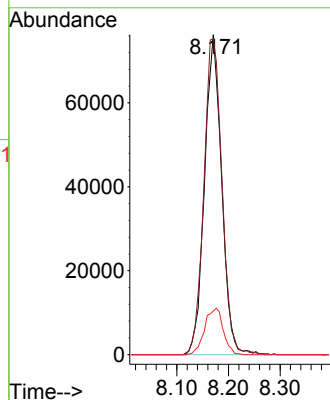
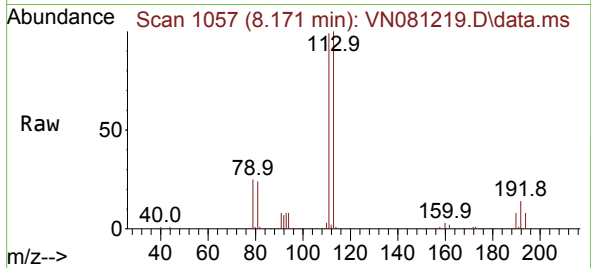




#35
 Dibromofluoromethane
 Concen: 50.472 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN081219.D
 Acq: 27 Feb 2024 15:11

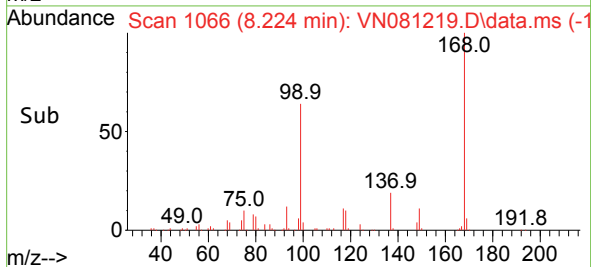
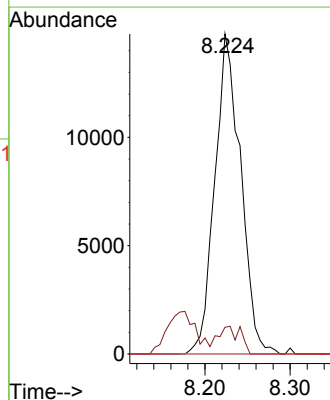
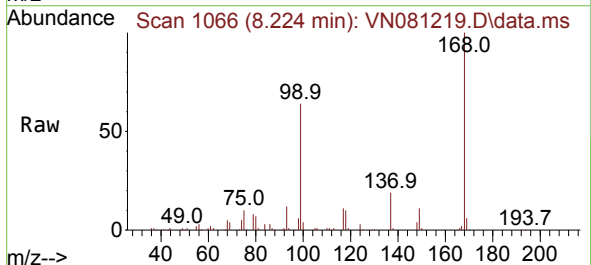
Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01S-20240221

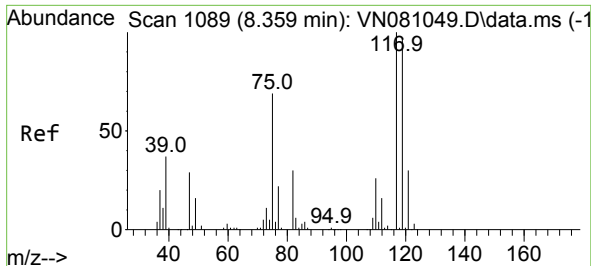
Tgt Ion:113 Resp: 175421
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.2 123.4
 192 15.8 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 5.216 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081219.D
 Acq: 27 Feb 2024 15:11

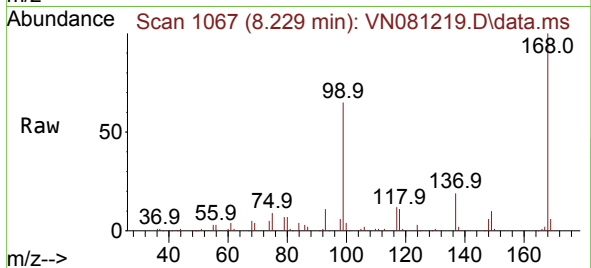
Tgt Ion: 75 Resp: 31059
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.0 48.0#
 77 0.0 25.8 38.6#



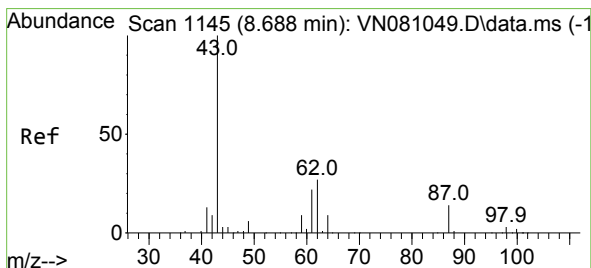
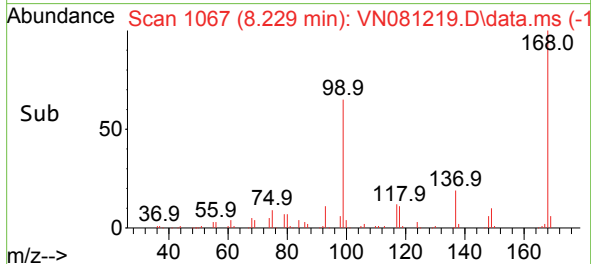
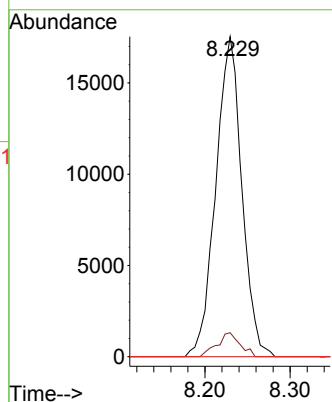


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.130 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20240221

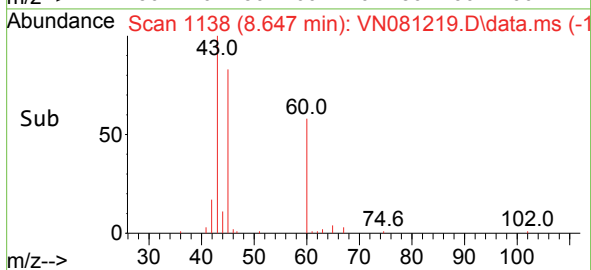
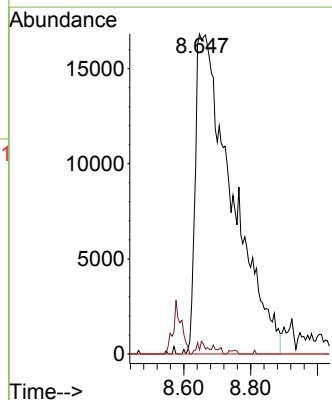
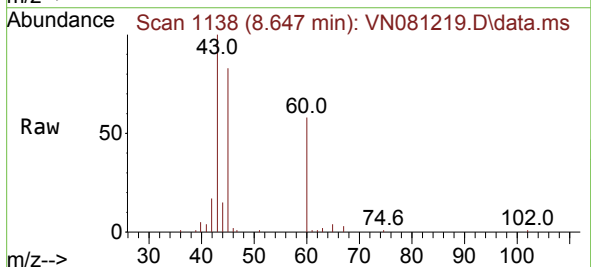


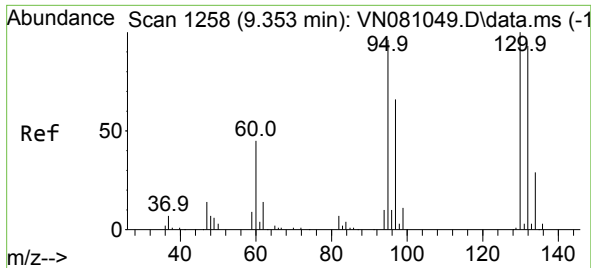
Tgt Ion:117 Resp: 37232
Ion Ratio Lower Upper
117 100
119 7.5 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 13.580 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion: 43 Resp: 127636
Ion Ratio Lower Upper
43 100
61 0.9 19.9 29.9#
87 0.0 9.0 13.6#

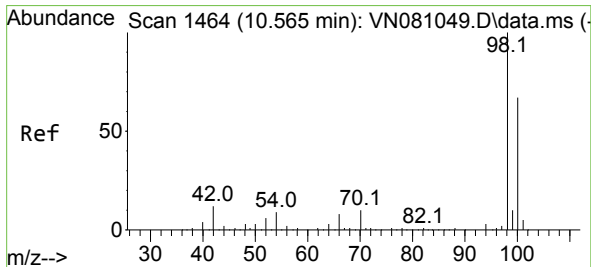
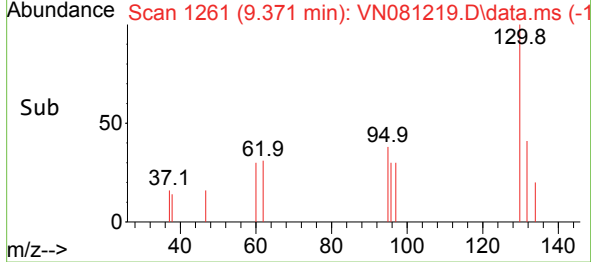
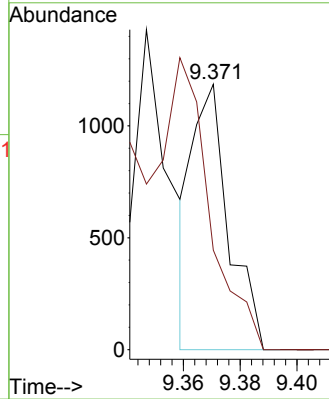
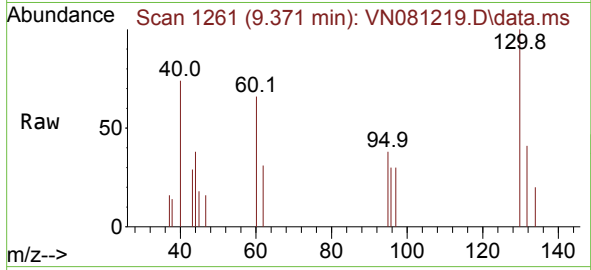




#44
Trichloroethene
Concen: 0.226 ug/l
RT: 9.371 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

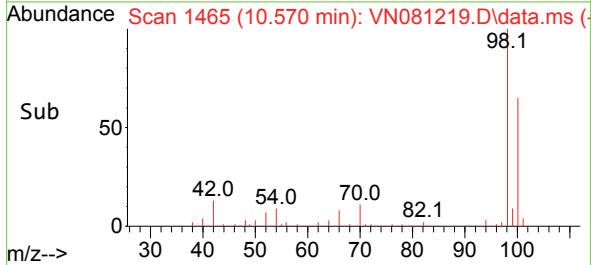
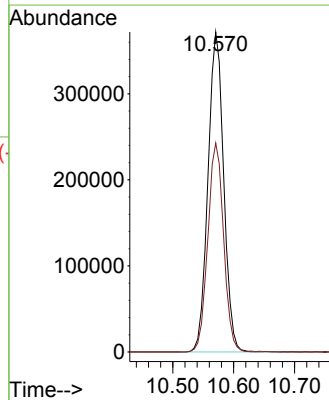
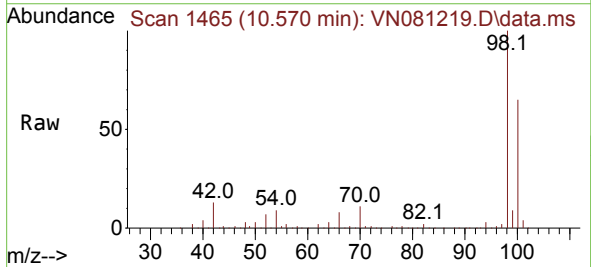
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20240221

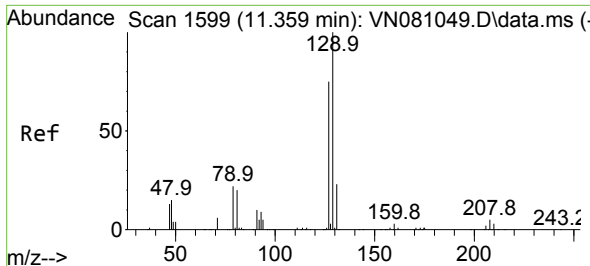
Tgt Ion:130 Resp: 1039
Ion Ratio Lower Upper
130 100
95 37.5 0.0 210.4



#50
Toluene-d8
Concen: 53.974 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion: 98 Resp: 666279
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0

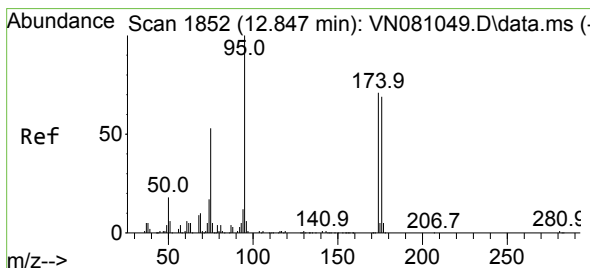
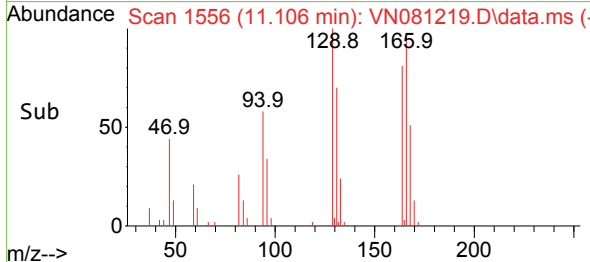
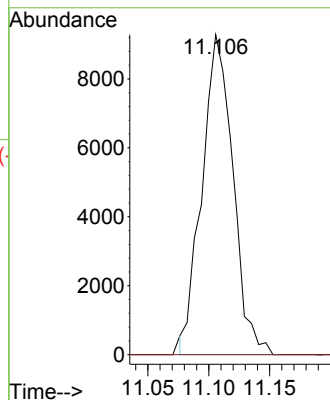
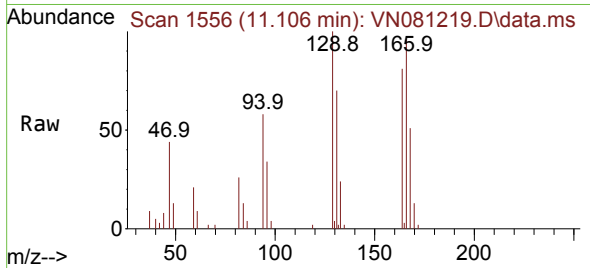




#60
Dibromochloromethane
Concen: 3.682 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

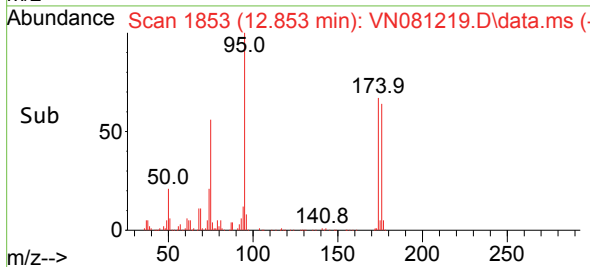
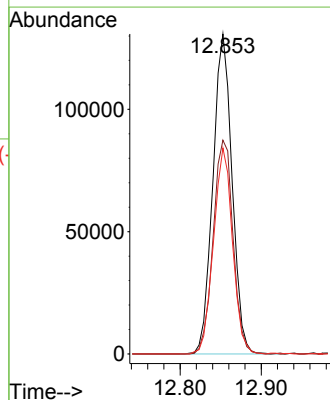
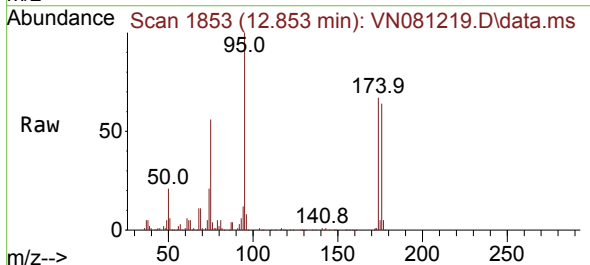
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20240221

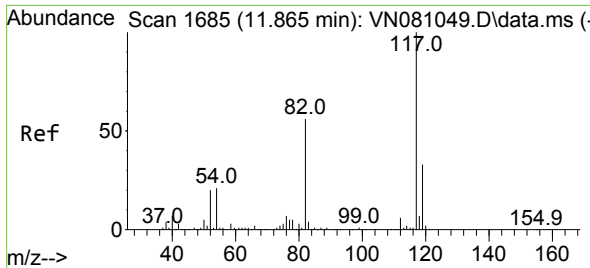
Tgt Ion:129 Resp: 16414
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#



#62
4-Bromofluorobenzene
Concen: 46.266 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion: 95 Resp: 214601
Ion Ratio Lower Upper
95 100
174 69.3 0.0 120.4
176 63.9 0.0 121.0

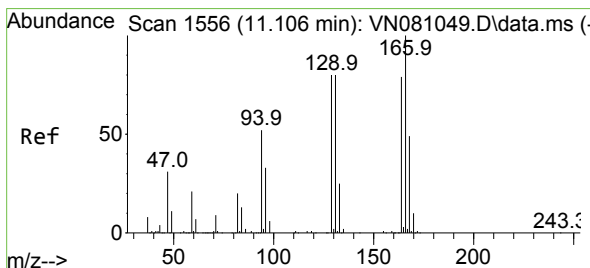
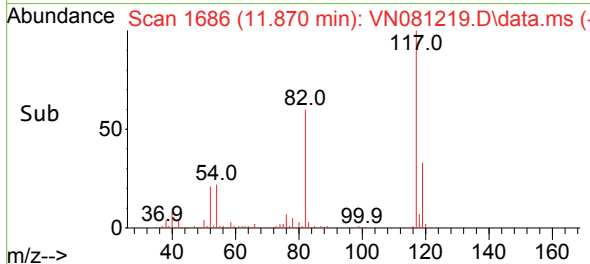
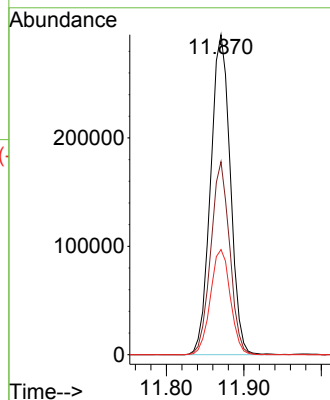
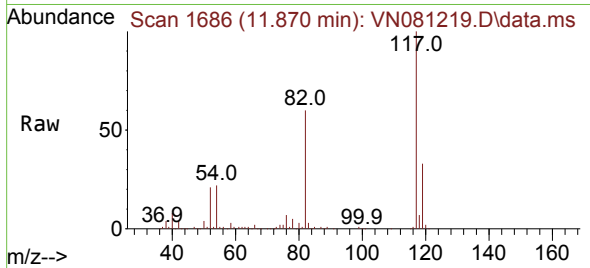




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

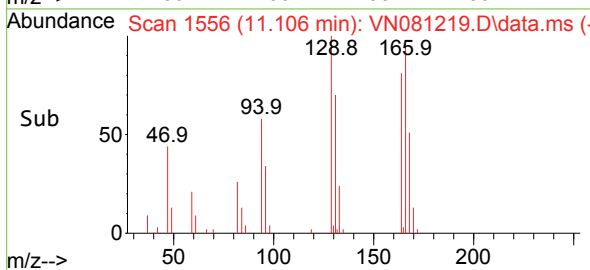
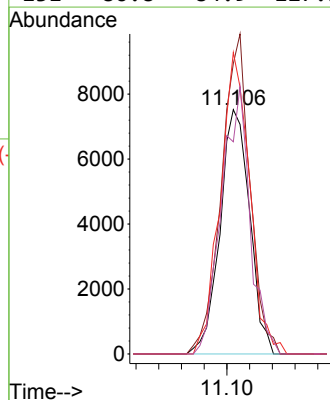
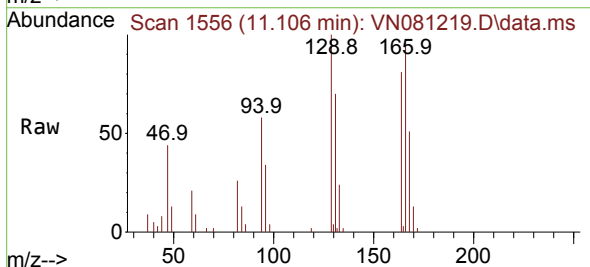
Instrument :
MSVOA_N
ClientSampleId :
RW10-MW01S-20240221

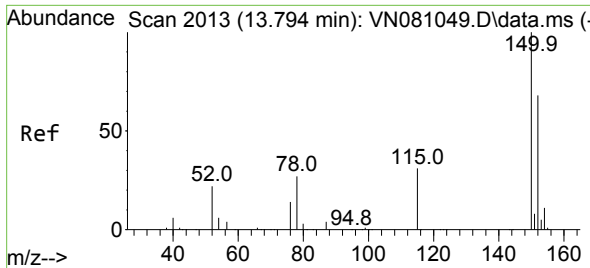
Tgt Ion:117 Resp: 521087
Ion Ratio Lower Upper
117 100
82 60.3 52.7 79.1
119 32.9 25.3 37.9



#64
Tetrachloroethene
Concen: 3.826 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081219.D
Acq: 27 Feb 2024 15:11

Tgt Ion:164 Resp: 13608
Ion Ratio Lower Upper
164 100
166 118.8 105.8 158.6
129 123.4 89.6 134.4
131 86.8 84.9 127.3

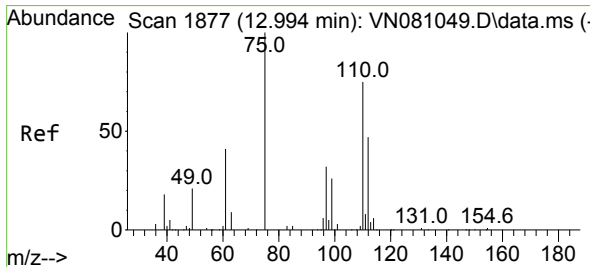
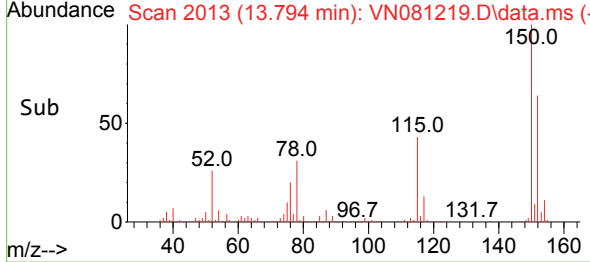
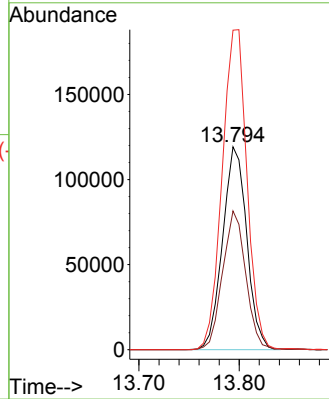
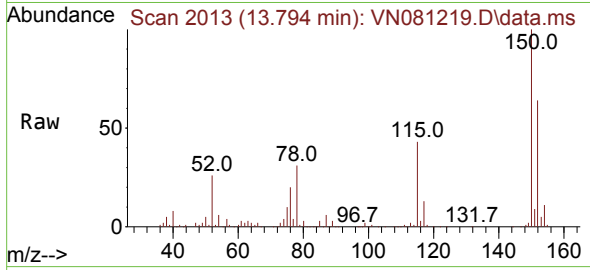




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081219.D
 Acq: 27 Feb 2024 15:11

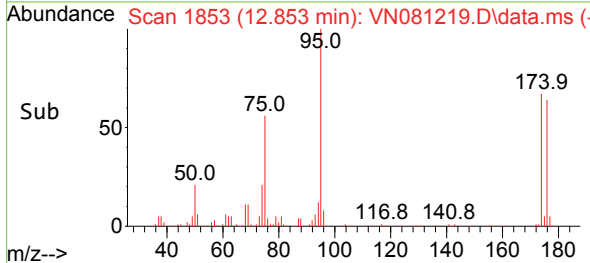
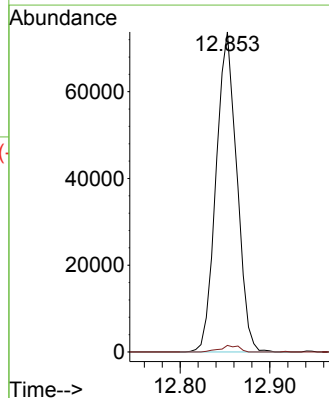
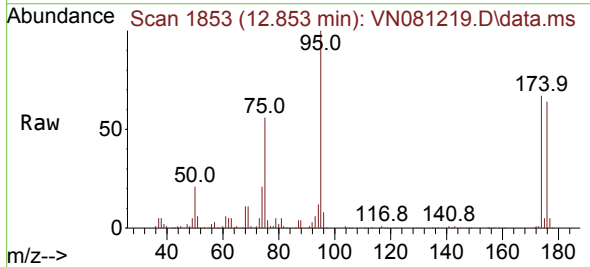
Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01S-20240221

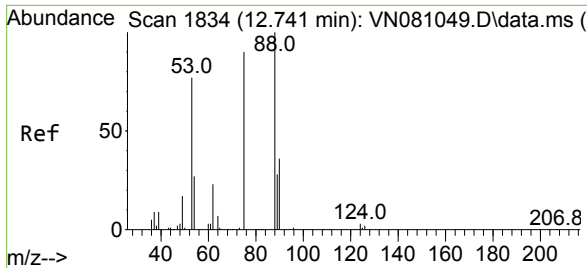
Tgt Ion:152 Resp: 199772
 Ion Ratio Lower Upper
 152 100
 115 65.6 32.3 96.8
 150 162.1 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 26.092 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081219.D
 Acq: 27 Feb 2024 15:11

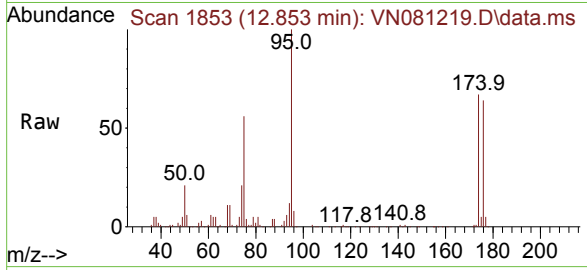
Tgt Ion: 75 Resp: 118431
 Ion Ratio Lower Upper
 75 100
 77 1.8 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.159 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081219.D
 Acq: 27 Feb 2024 15:11

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10-MW01S-20240221



Tgt Ion: 75 Resp: 118431
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.0 33.4 50.0#

