

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081414.D
 Acq On : 14 Mar 2024 16:53
 Operator : JC\MD
 Sample : P1747-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-02

Quant Time: Mar 15 01:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

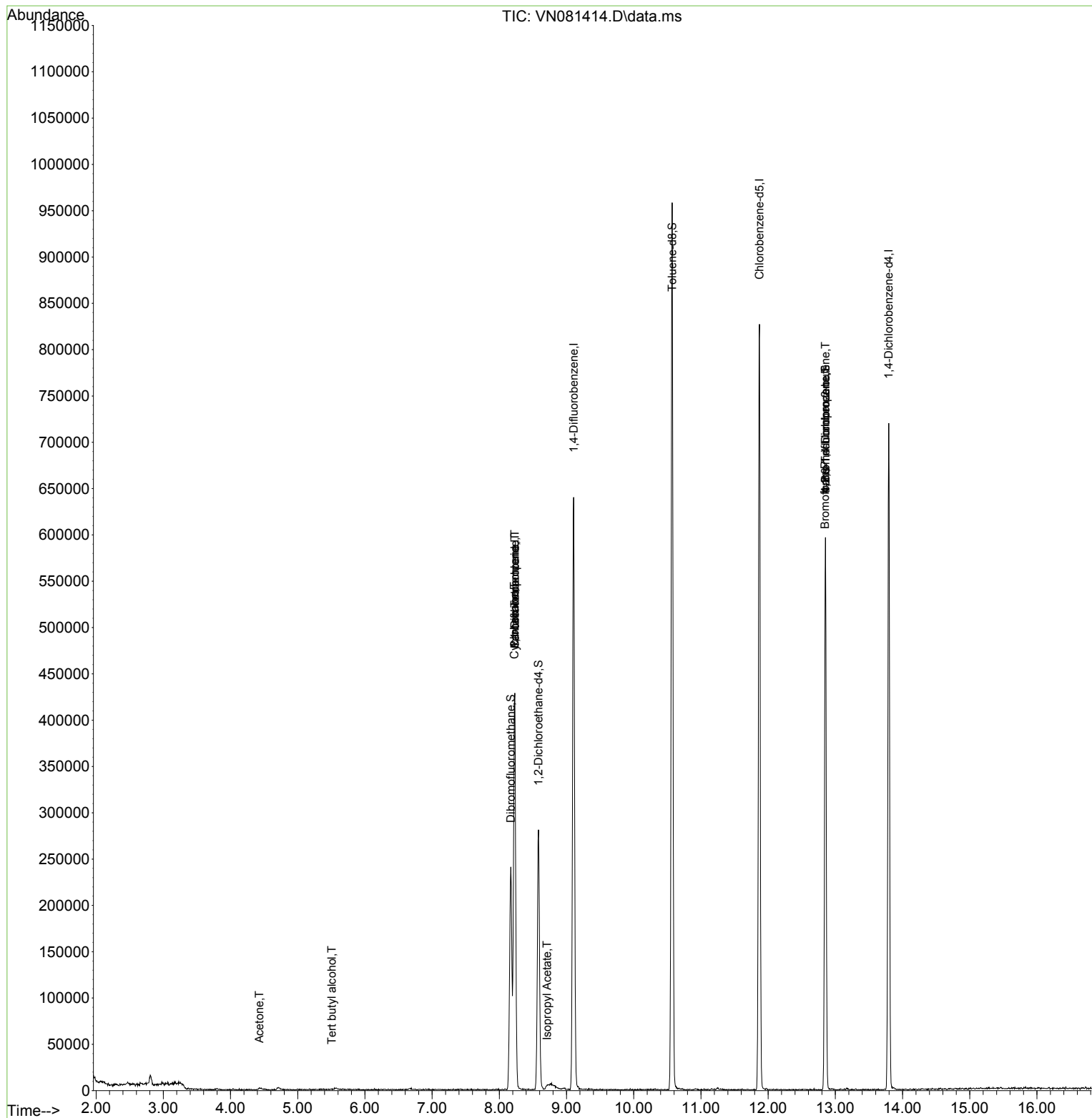
Internal Standards						
1) Pentafluorobenzene	8.230	168	287608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	459785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222899	53.601	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.200%	
35) Dibromofluoromethane	8.171	113	171653	52.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	10.571	98	635600	51.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.853	95	200992	46.293	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.506	59	287	0.395	ug/l #	72
16) Acetone	4.430	43	2761	1.874	ug/l #	82
20) Methylene Chloride	5.277	84	125	Below Cal	#	47
31) Cyclohexane	8.224	56	8543	1.357	ug/l #	2
36) 1,1-Dichloropropene	8.230	75	28599	5.394	ug/l #	50
38) Carbon Tetrachloride	8.230	117	33794	6.334	ug/l #	20
43) Isopropyl Acetate	8.712	43	3495	0.385	ug/l #	57
71) Bromoform	12.847	173	1562	0.635	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	111856	26.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	111856	73.555	ug/l #	14

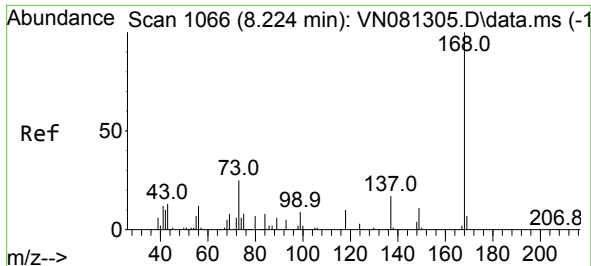
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
Data File : VN081414.D
Acq On : 14 Mar 2024 16:53
Operator : JC\MD
Sample : P1747-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-02

Quant Time: Mar 15 01:15:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

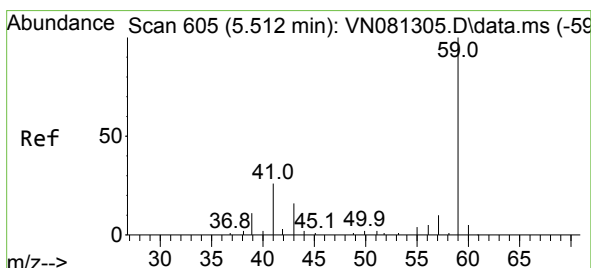
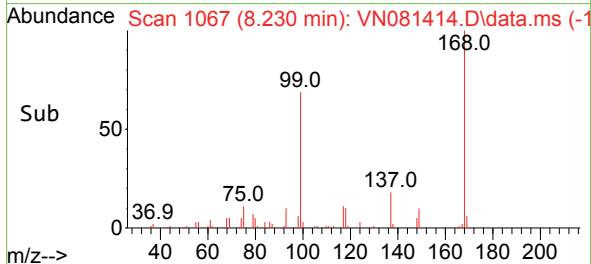
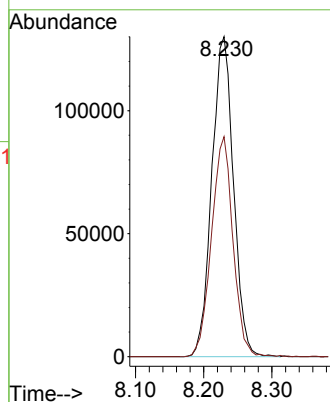
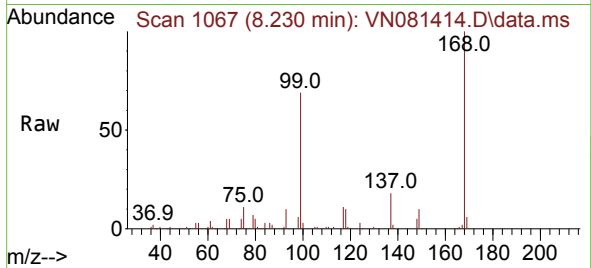




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

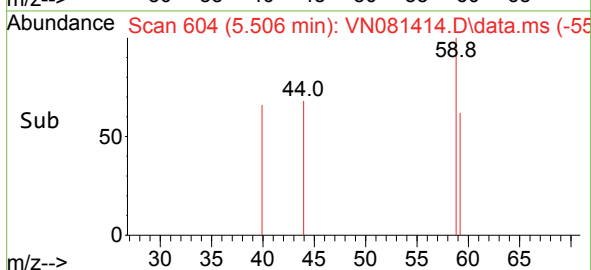
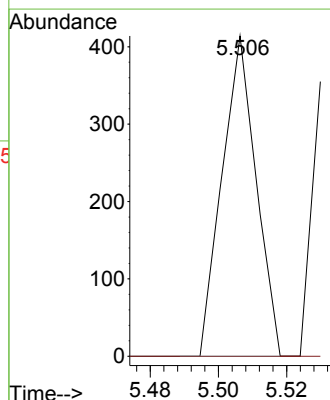
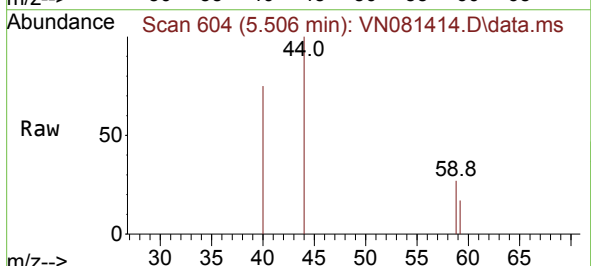
Instrument :
MSVOA_N
ClientSampleId :
MW-02

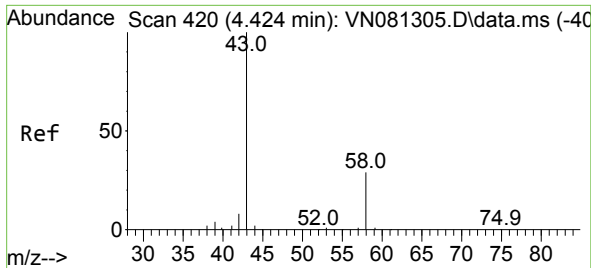
Tgt Ion:168 Resp: 287608
Ion Ratio Lower Upper
168 100
99 68.8 59.9 89.9



#11
Tert butyl alcohol
Concen: 0.395 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

Tgt Ion: 59 Resp: 287
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

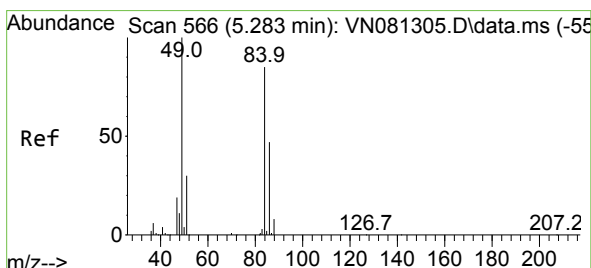
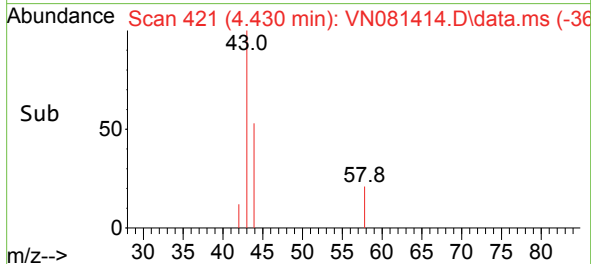
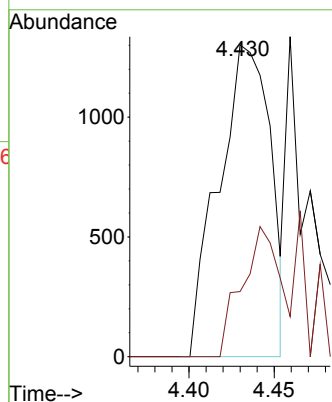
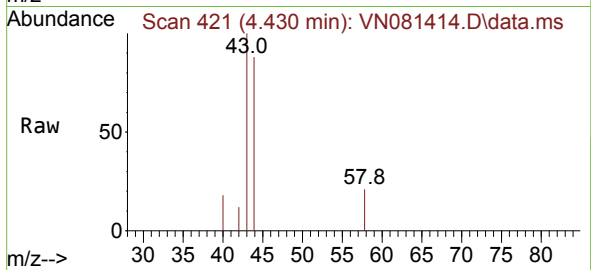




#16
Acetone
Concen: 1.874 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

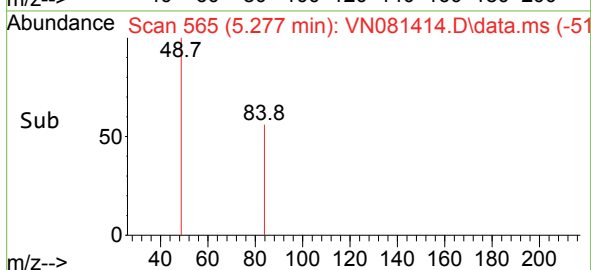
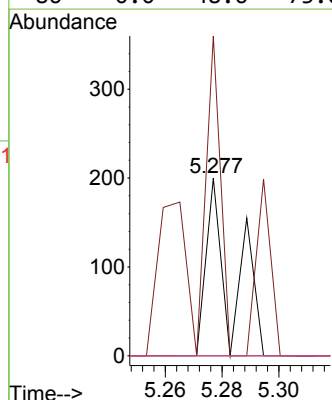
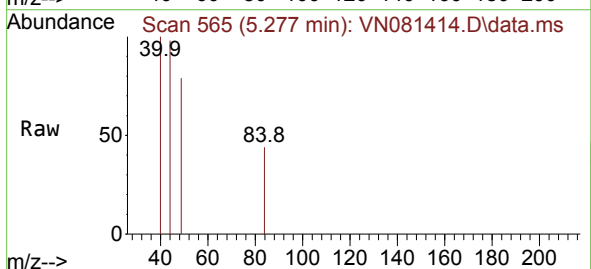
Instrument :
MSVOA_N
ClientSampleId :
MW-02

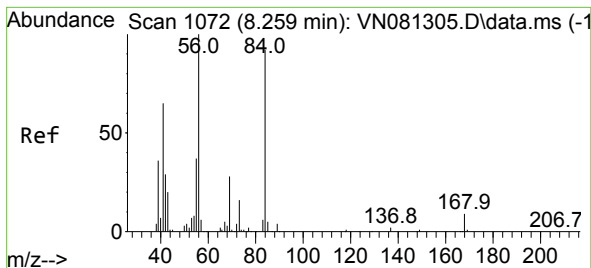
Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
58 20.9 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

Tgt Ion: 84 Resp: 125
Ion Ratio Lower Upper
84 100
49 180.0 108.1 162.1#
51 0.0 32.9 49.3#
86 0.0 48.6 73.0#





#31

Cyclohexane

Concen: 1.357 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081414.D

Acq: 14 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

MW-02

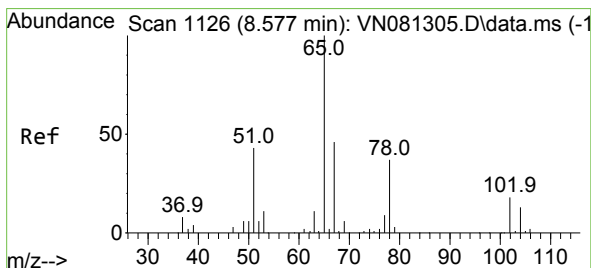
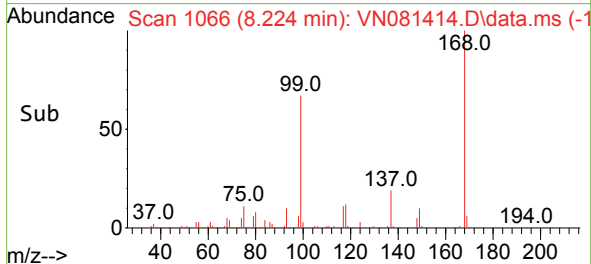
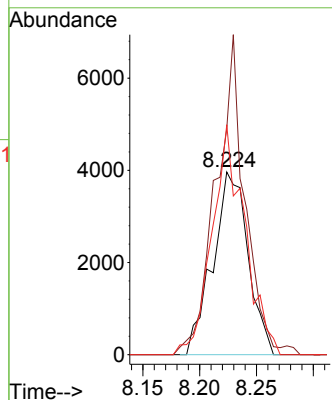
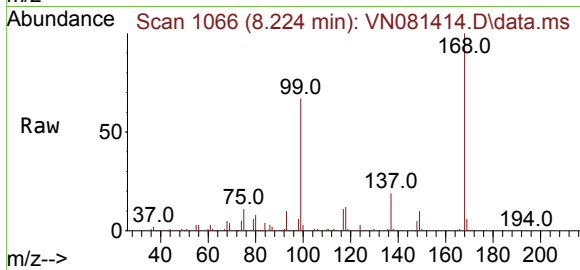
Tgt Ion: 56 Resp: 8543

Ion Ratio Lower Upper

56 100

69 119.8 20.1 30.1#

84 125.8 56.9 85.3#



#33

1,2-Dichloroethane-d4

Concen: 53.601 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081414.D

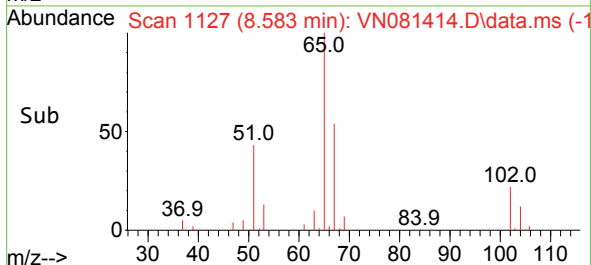
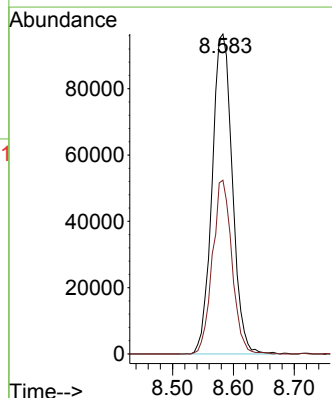
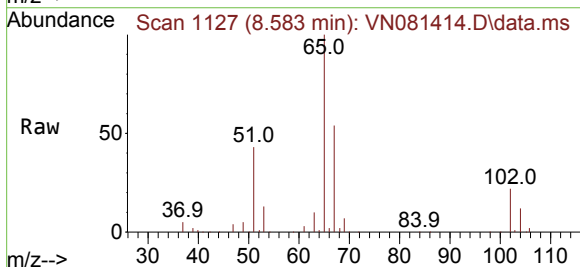
Acq: 14 Mar 2024 16:53

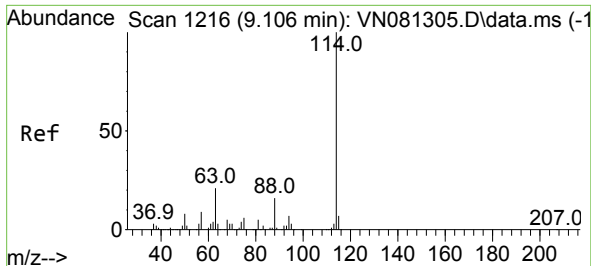
Tgt Ion: 65 Resp: 222899

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4

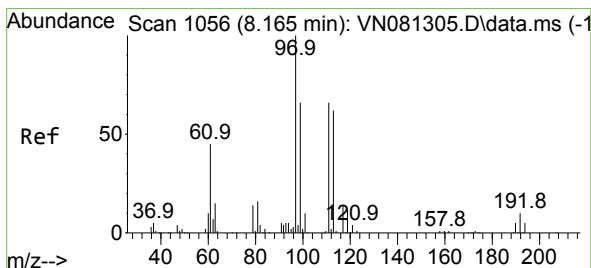
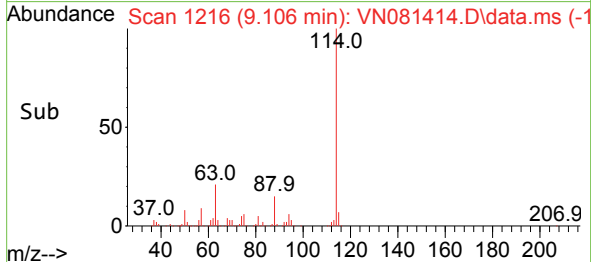
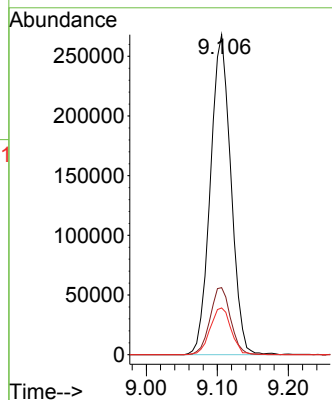
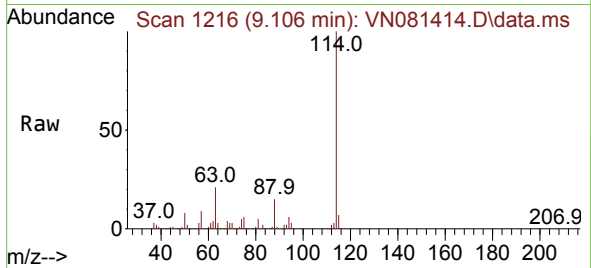




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

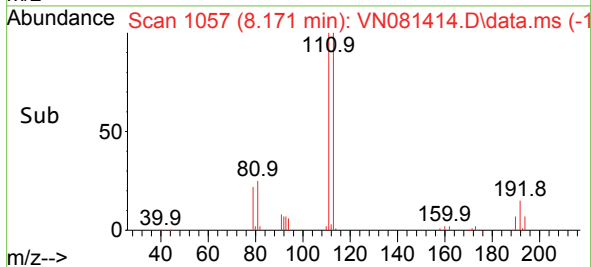
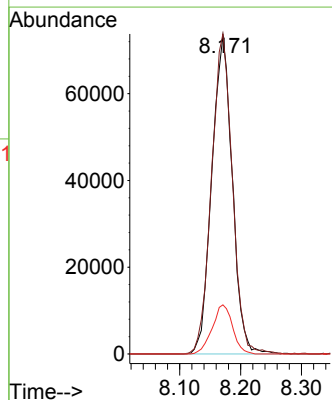
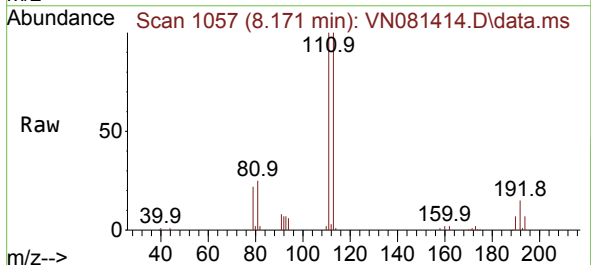
Instrument :
MSVOA_N
ClientSampleId :
MW-02

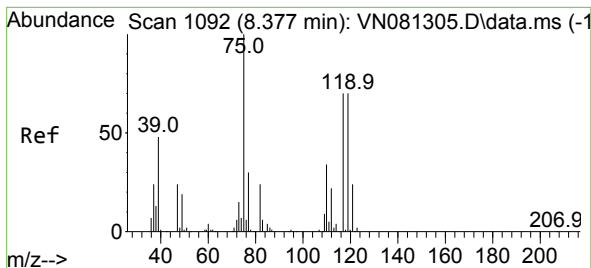
Tgt Ion:114 Resp: 536366
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 14.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.236 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

Tgt Ion:113 Resp: 171653
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.3 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.394 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN081414.D

Acq: 14 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

MW-02

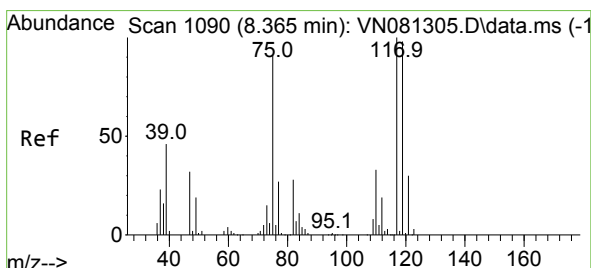
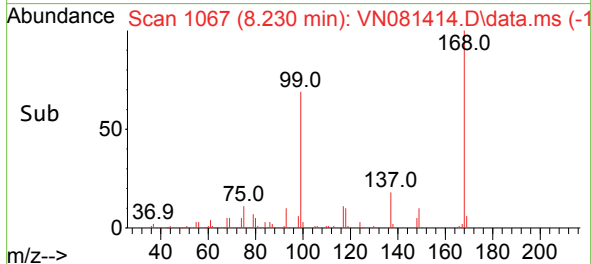
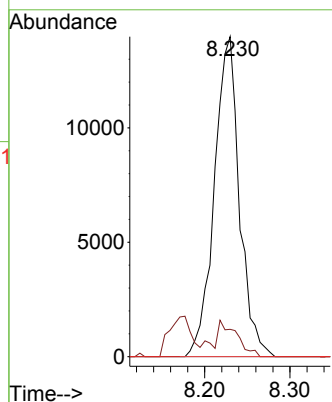
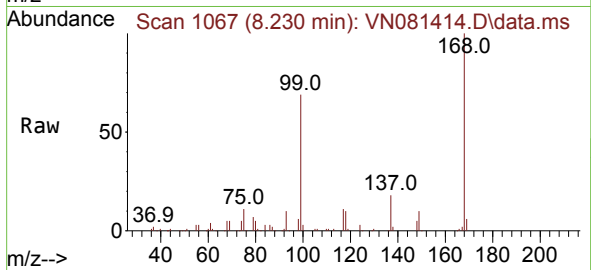
Tgt Ion: 75 Resp: 28599

Ion Ratio Lower Upper

75 100

110 8.8 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.334 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081414.D

Acq: 14 Mar 2024 16:53

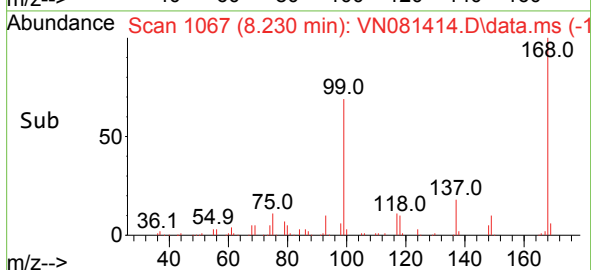
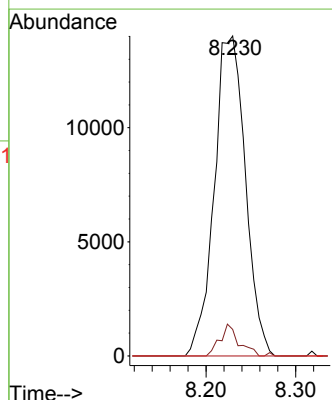
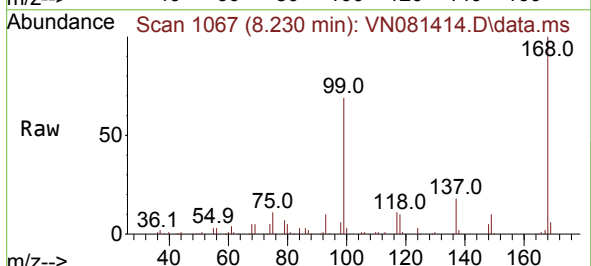
Tgt Ion: 117 Resp: 33794

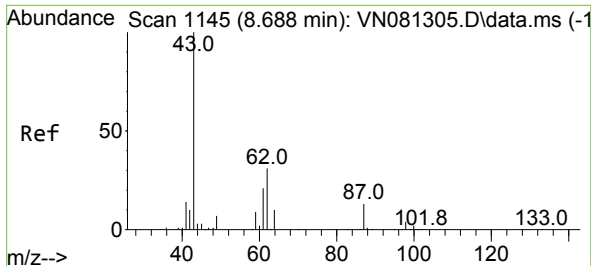
Ion Ratio Lower Upper

117 100

119 8.3 73.4 110.2#

121 0.0 24.4 36.6#

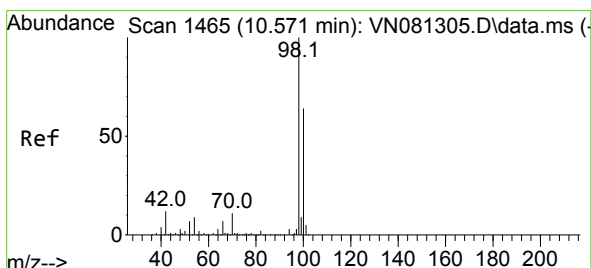
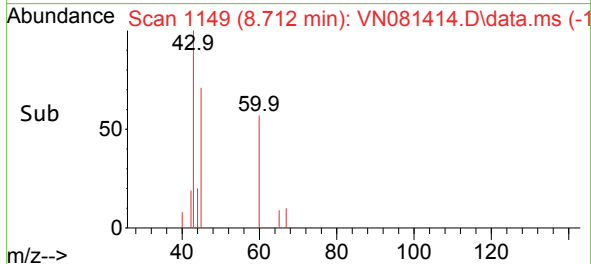
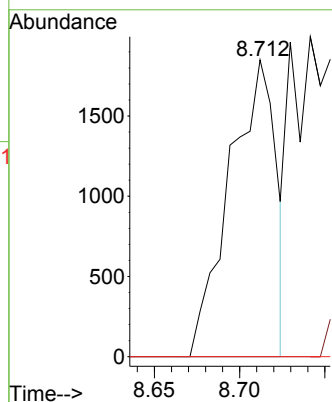
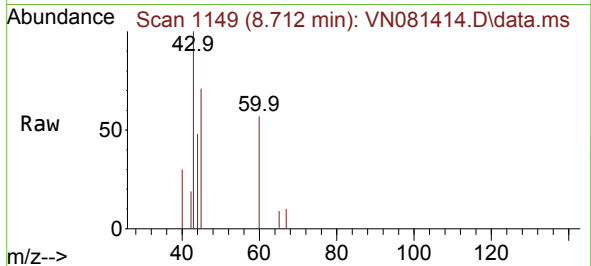




#43
Isopropyl Acetate
Concen: 0.385 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

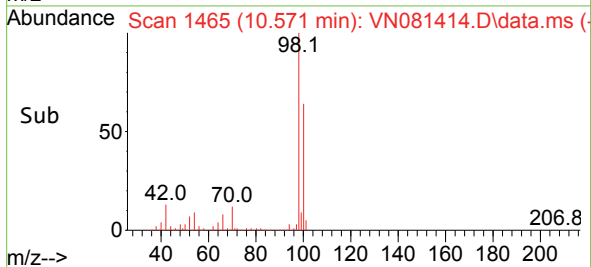
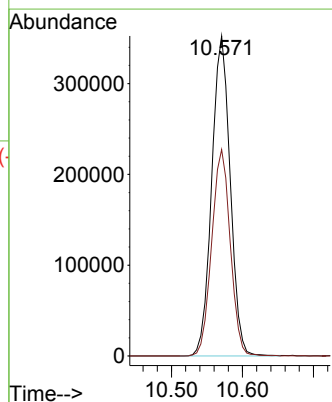
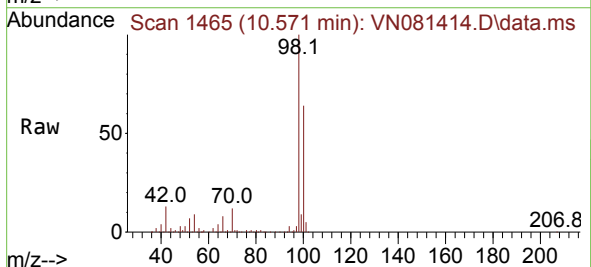
Instrument :
MSVOA_N
ClientSampleId :
MW-02

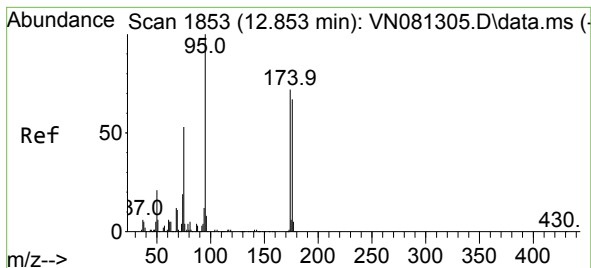
Tgt Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.741 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

Tgt Ion: 98 Resp: 635600
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

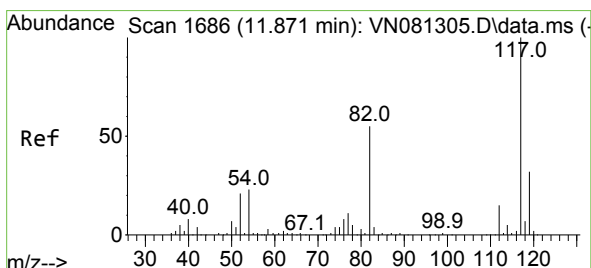
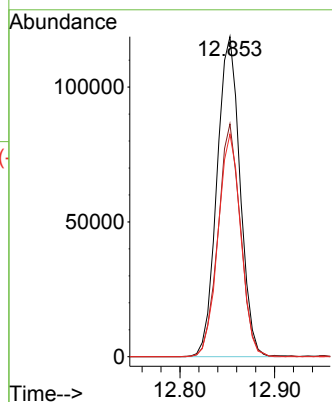
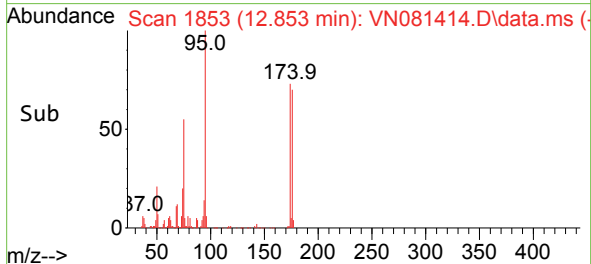
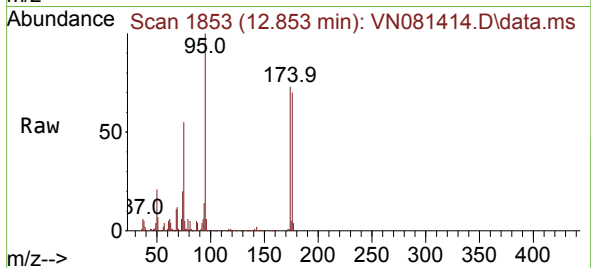




#62
4-Bromofluorobenzene
Concen: 46.293 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

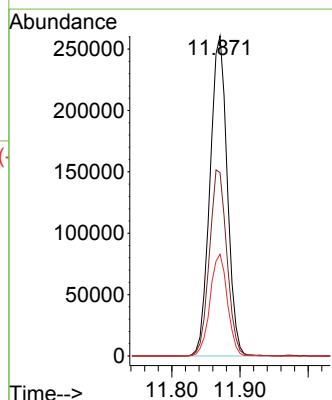
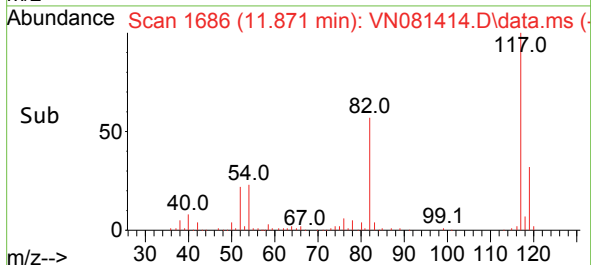
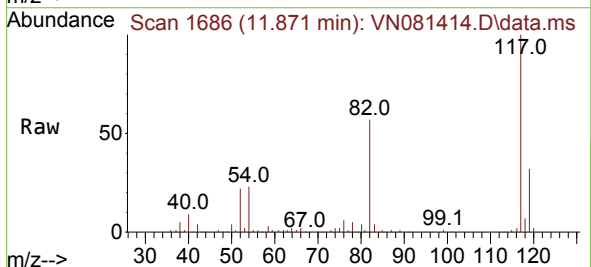
Instrument :
MSVOA_N
ClientSampleId :
MW-02

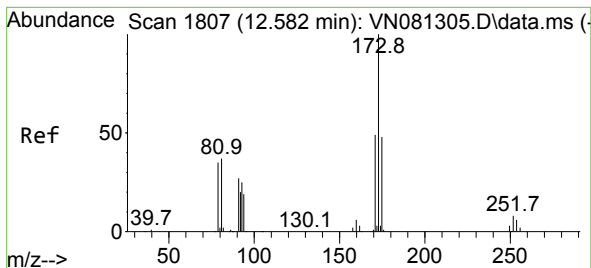
Tgt Ion: 95 Resp: 200992
Ion Ratio Lower Upper
95 100
174 70.8 0.0 120.4
176 68.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081414.D
Acq: 14 Mar 2024 16:53

Tgt Ion: 117 Resp: 459785
Ion Ratio Lower Upper
117 100
82 57.3 52.7 79.1
119 31.8 25.3 37.9





#71

Bromoform

Concen: 0.635 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN081414.D

Acq: 14 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

MW-02

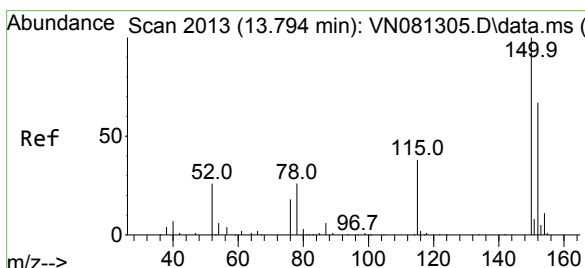
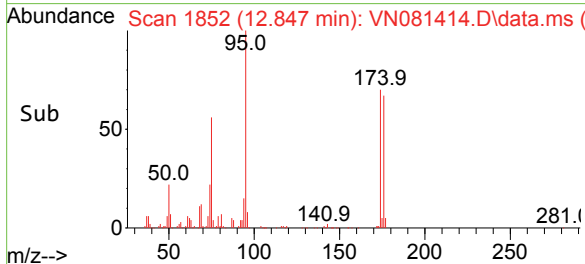
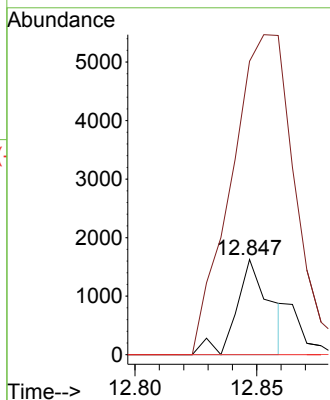
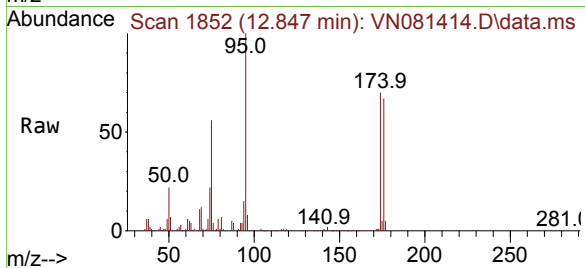
Tgt Ion:173 Resp: 1562

Ion Ratio Lower Upper

173 100

175 508.5 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: VN081414.D

Acq: 14 Mar 2024 16:53

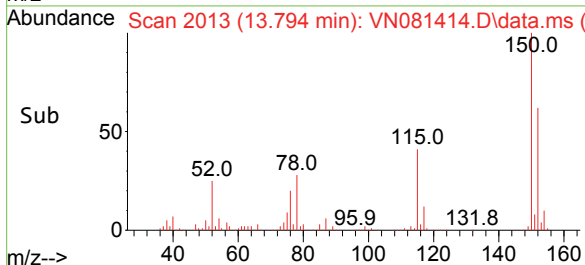
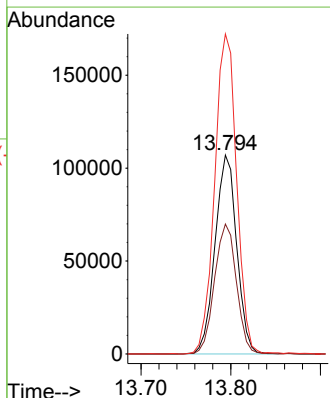
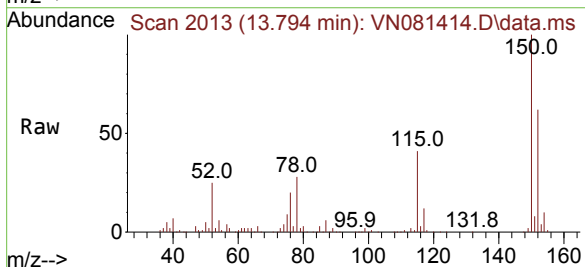
Tgt Ion:152 Resp: 179683

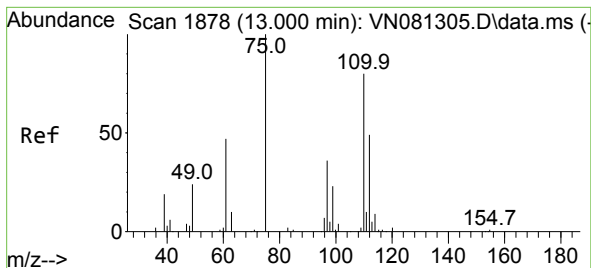
Ion Ratio Lower Upper

152 100

115 66.0 32.3 96.8

150 162.9 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 26.356 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081414.D

Acq: 14 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

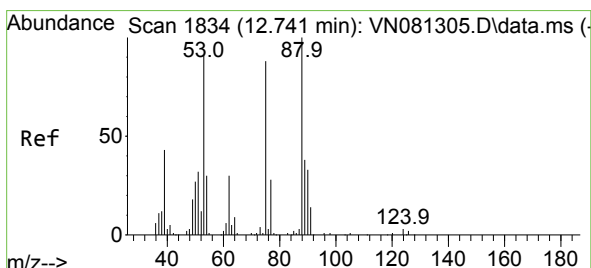
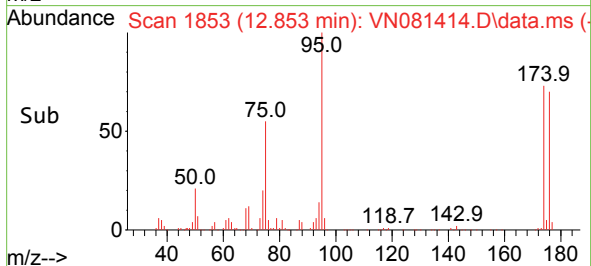
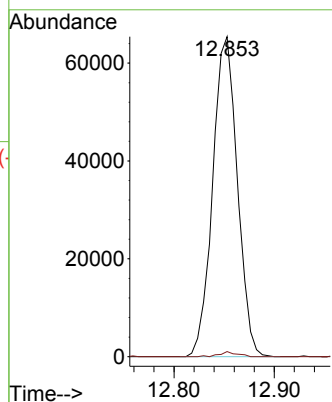
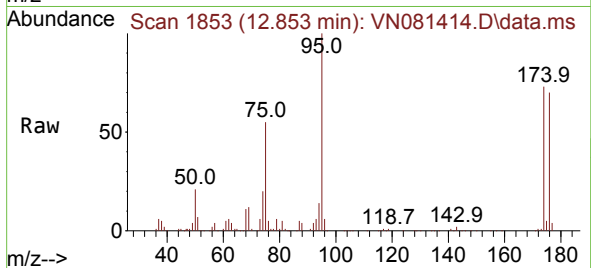
MW-02

Tgt Ion: 75 Resp: 111856

Ion Ratio Lower Upper

75 100

77 1.1 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.555 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081414.D

Acq: 14 Mar 2024 16:53

Tgt Ion: 75 Resp: 111856

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

