

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081552.D
 Acq On : 25 Mar 2024 11:10
 Operator : JC\MD
 Sample : VN0325WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBL01

Quant Time: Mar 26 01:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

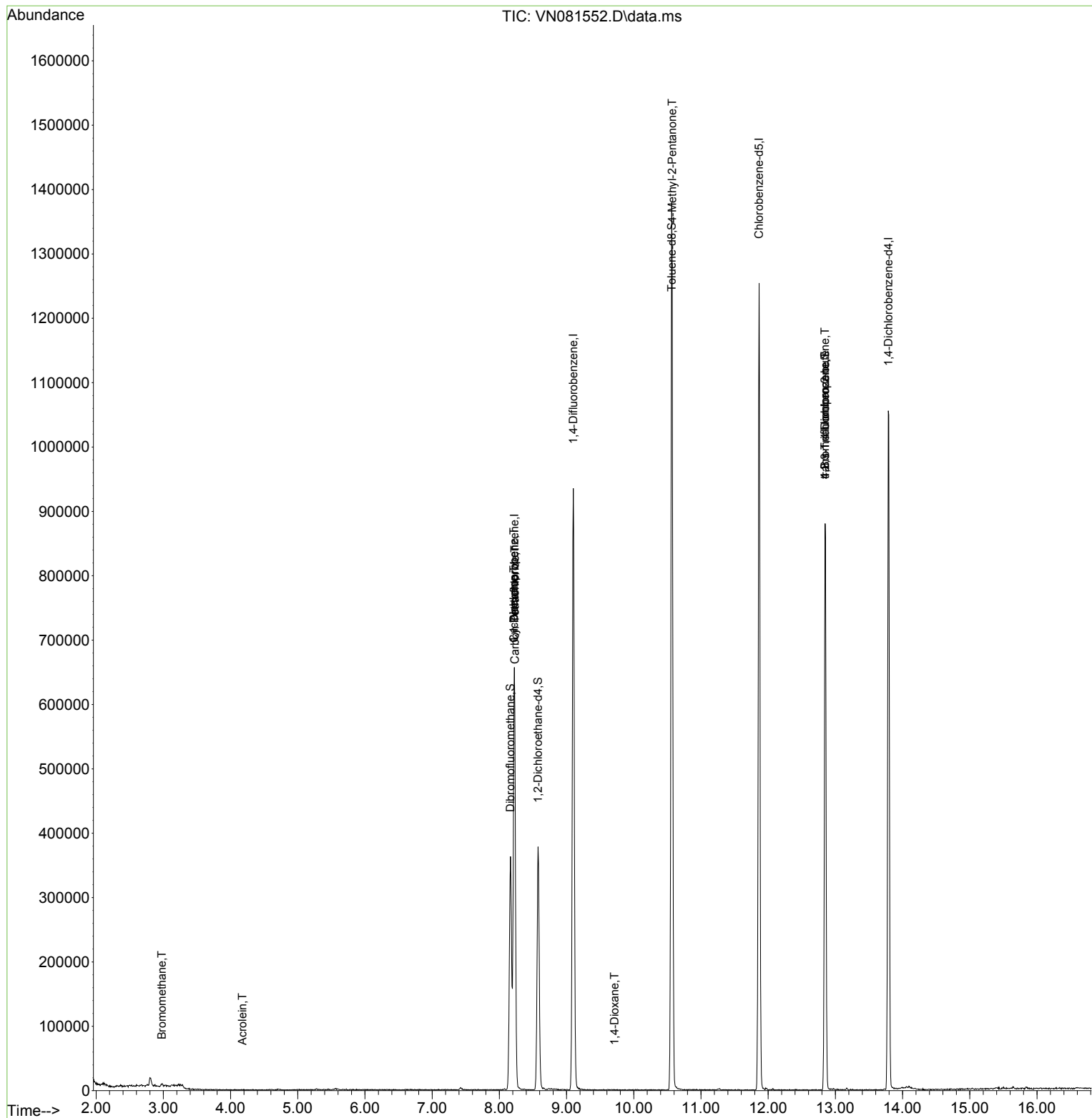
Internal Standards						
1) Pentafluorobenzene	8.224	168	480393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	838357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	719536	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	289921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	300385	49.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	8.165	113	255473	48.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	10.565	98	972261	50.835	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.847	95	304606	45.199	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.400%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	2156	0.422	ug/l #	73
13) Acrolein	4.177	56	231	0.241	ug/l	94
31) Cyclohexane	8.218	56	11600	1.164	ug/l #	7
36) 1,1-Dichloropropene	8.218	75	37665	4.230	ug/l #	49
38) Carbon Tetrachloride	8.229	117	51242	5.254	ug/l #	17
49) 1,4-Dioxane	9.712	88	122	0.871	ug/l #	34
51) 4-Methyl-2-Pentanone	10.571	43	3828	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	163424	23.565	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	163424	63.680	ug/l #	14

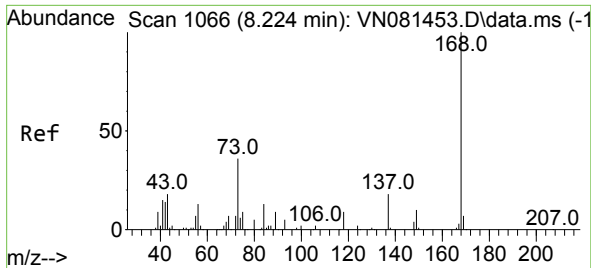
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
Data File : VN081552.D
Acq On : 25 Mar 2024 11:10
Operator : JC\MD
Sample : VN0325WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

Quant Time: Mar 26 01:15:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

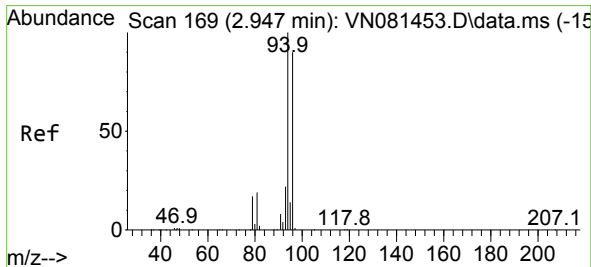
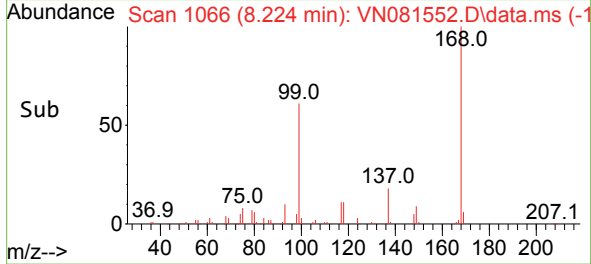
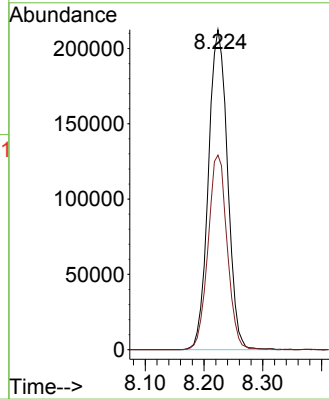
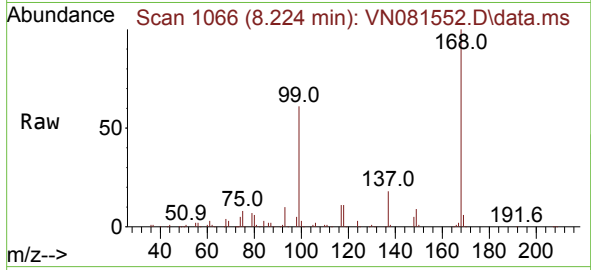




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

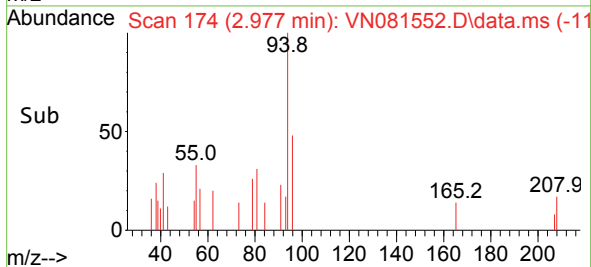
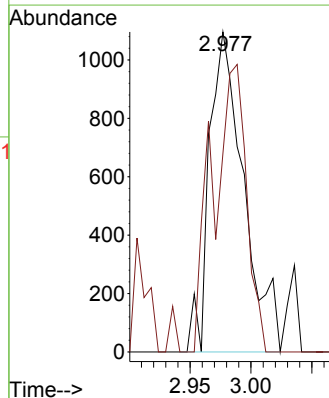
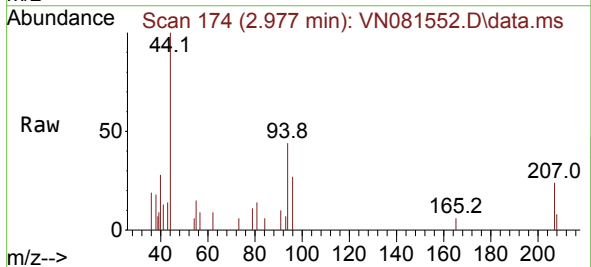
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

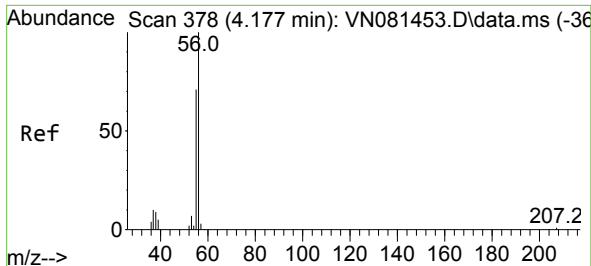
Tgt Ion:168 Resp: 480393
Ion Ratio Lower Upper
168 100
99 60.8 59.9 89.9



#5
Bromomethane
Concen: 0.422 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

Tgt Ion: 94 Resp: 2156
Ion Ratio Lower Upper
94 100
96 62.0 69.2 103.8#

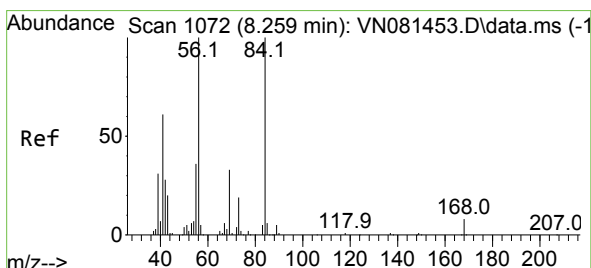
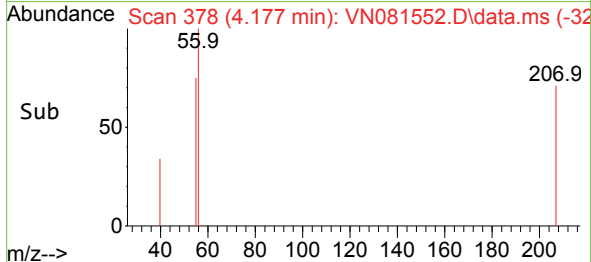
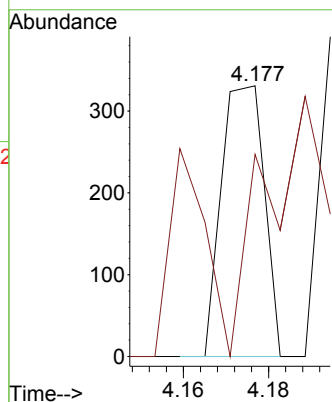
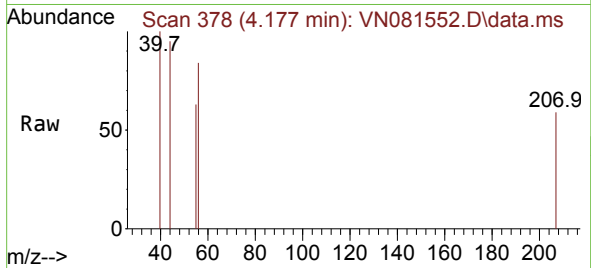




#13
Acrolein
Concen: 0.241 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

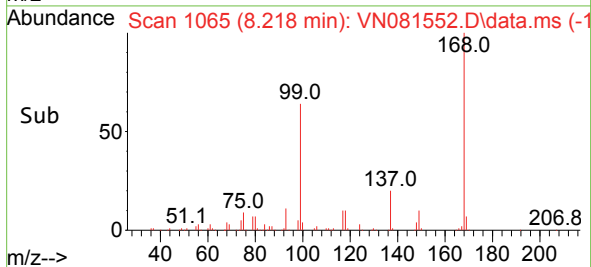
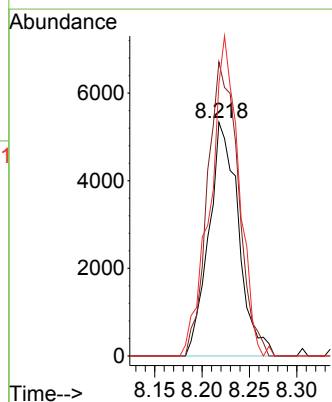
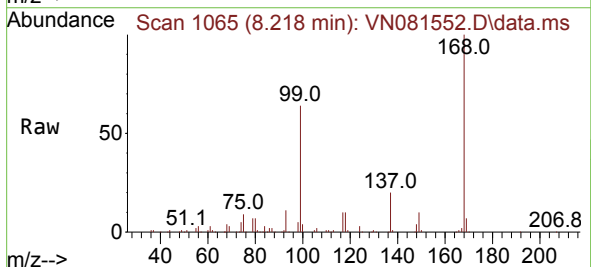
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

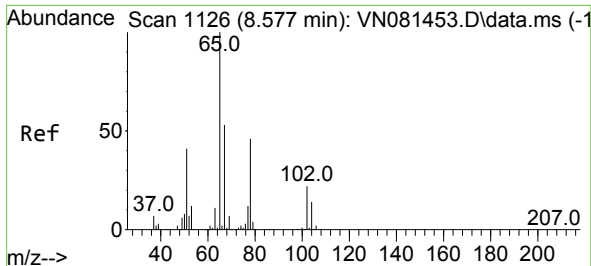
Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 64.1 55.3 82.9



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

Tgt Ion: 56 Resp: 11600
Ion Ratio Lower Upper
56 100
69 125.9 20.1 30.1#
84 116.6 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 49.032 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081552.D

Acq: 25 Mar 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

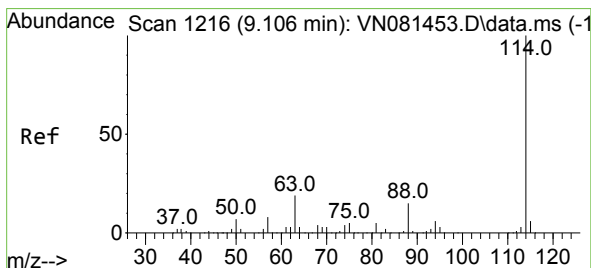
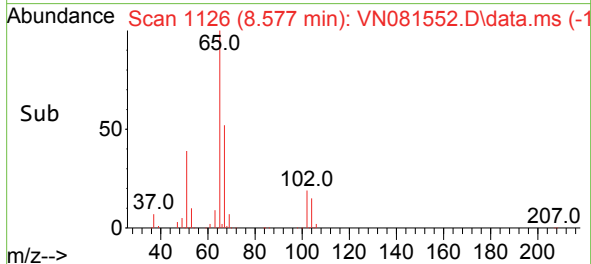
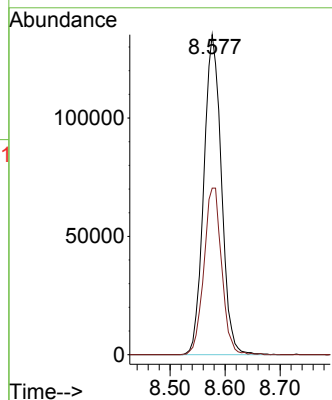
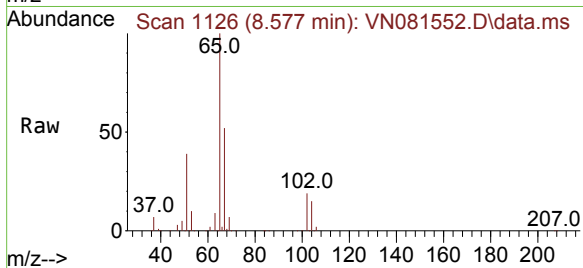
VN0325WBL01

Tgt Ion: 65 Resp: 300385

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081552.D

Acq: 25 Mar 2024 11:10

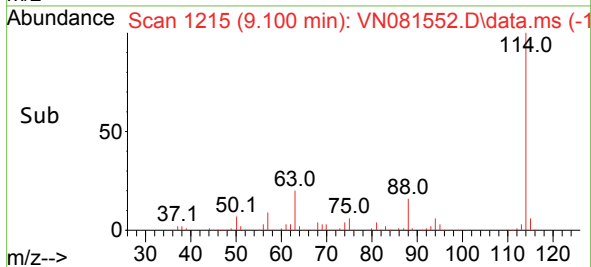
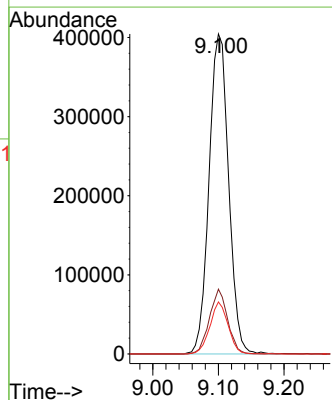
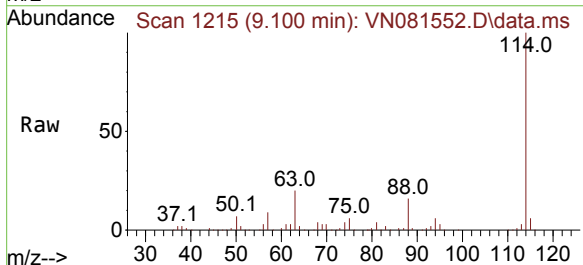
Tgt Ion: 114 Resp: 838357

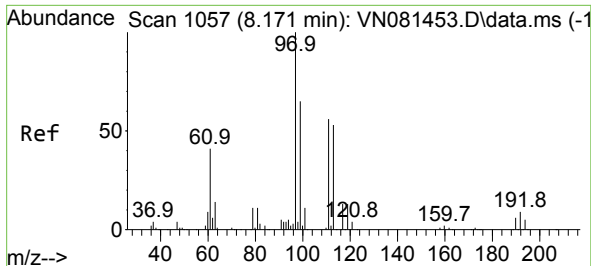
Ion Ratio Lower Upper

114 100

63 20.3 0.0 48.0

88 16.3 0.0 34.8

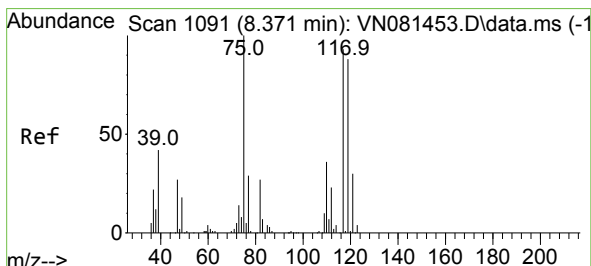
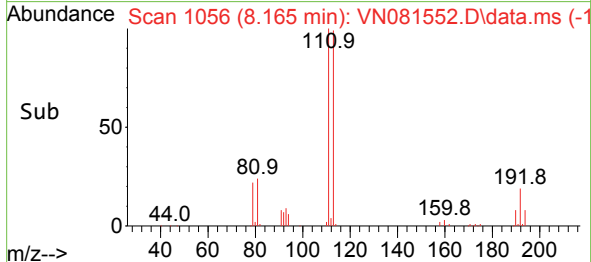
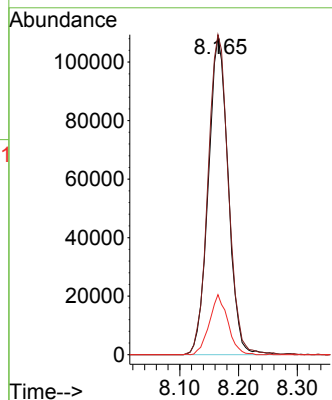
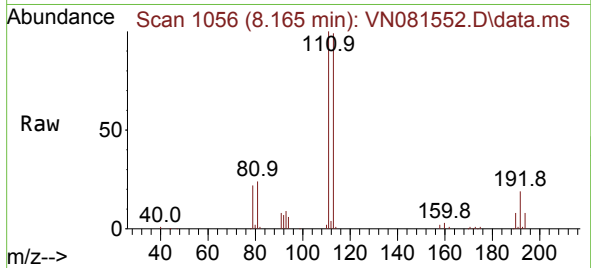




#35
Dibromofluoromethane
Concen: 48.285 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

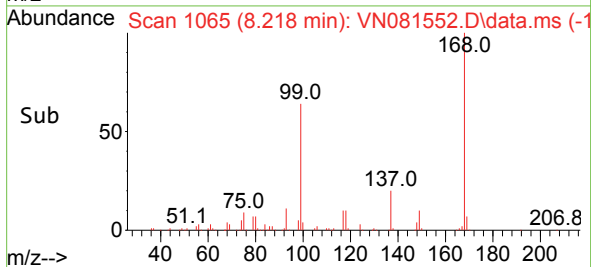
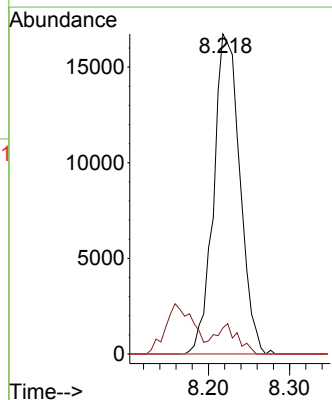
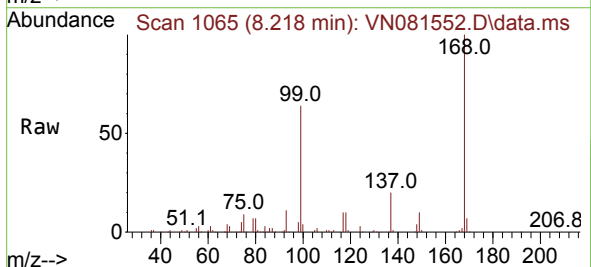
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

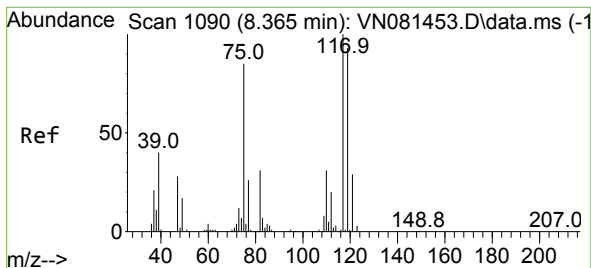
Tgt Ion:113 Resp: 255473
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.230 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

Tgt Ion: 75 Resp: 37665
Ion Ratio Lower Upper
75 100
110 7.6 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.254 ug/l

RT: 8.229 min Scan# 117

Delta R.T. -0.135 min

Lab File: VN081552.D

Acq: 25 Mar 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBL01

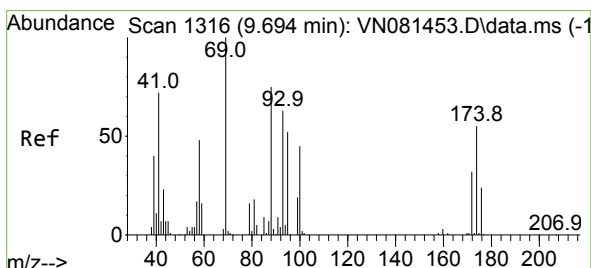
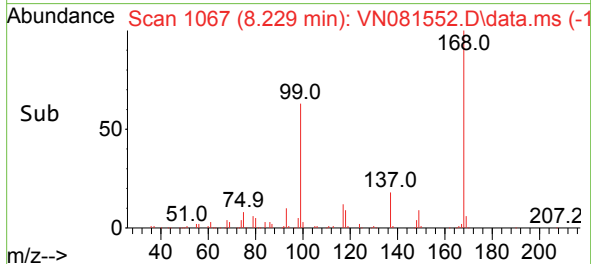
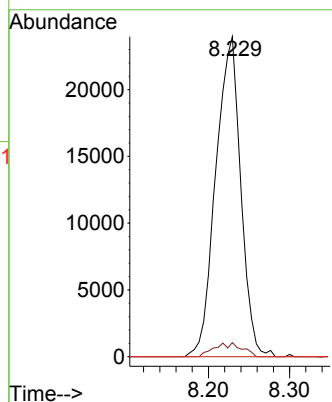
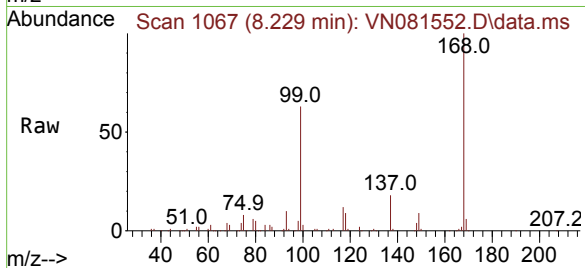
Tgt Ion:117 Resp: 51242

Ion Ratio Lower Upper

117 100

119 4.4 73.4 110.2#

121 0.0 24.4 36.6#



#49

1,4-Dioxane

Concen: 0.871 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.018 min

Lab File: VN081552.D

Acq: 25 Mar 2024 11:10

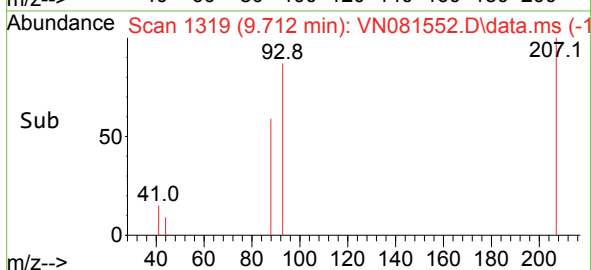
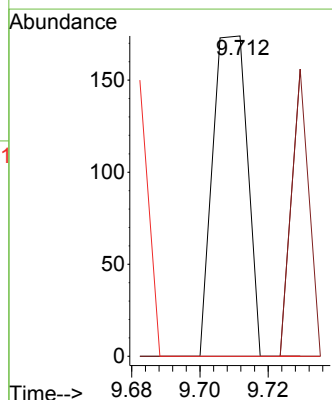
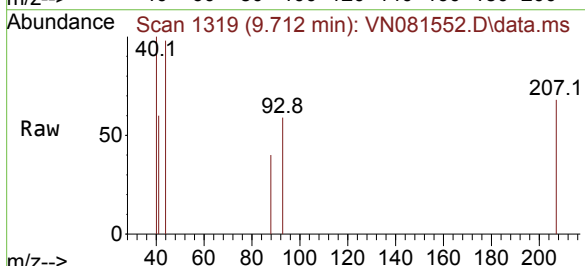
Tgt Ion: 88 Resp: 122

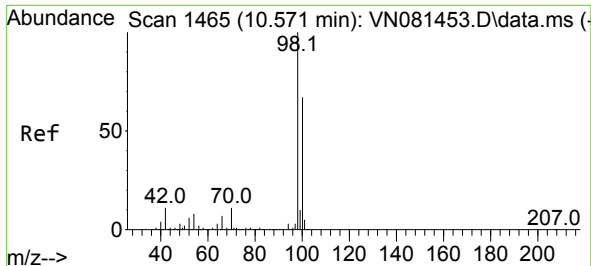
Ion Ratio Lower Upper

88 100

43 45.1 30.1 45.1

58 0.0 63.9 95.9#

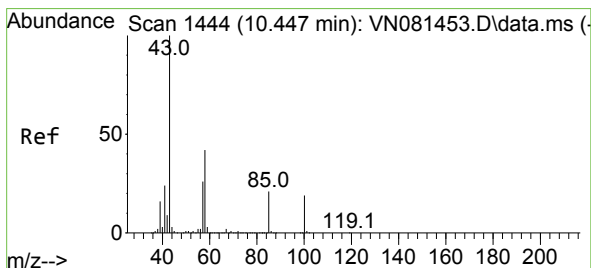
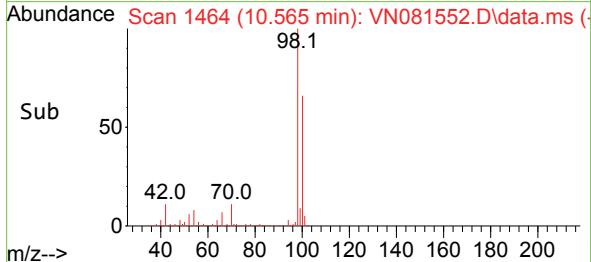
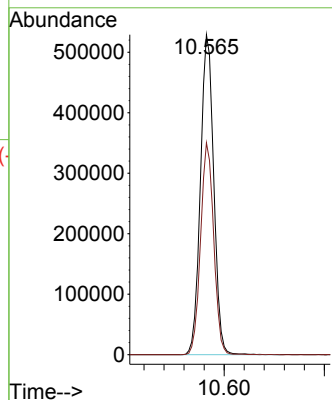
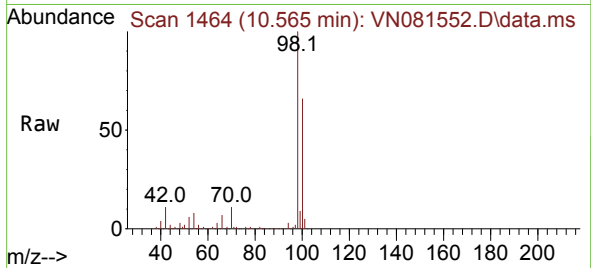




#50
Toluene-d8
Concen: 50.835 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

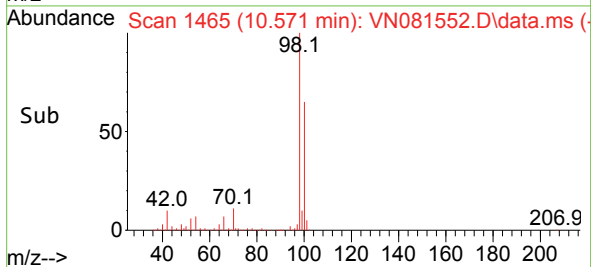
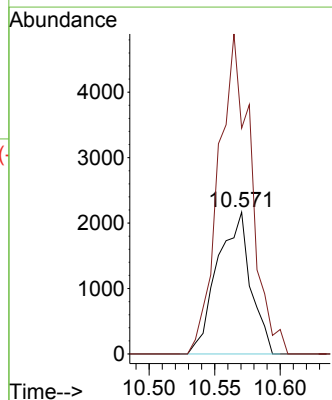
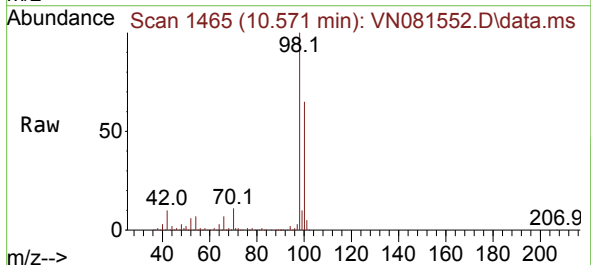
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

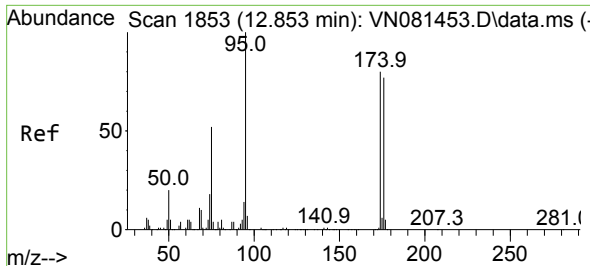
Tgt Ion: 98 Resp: 972261
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
58 220.0 29.4 44.0#

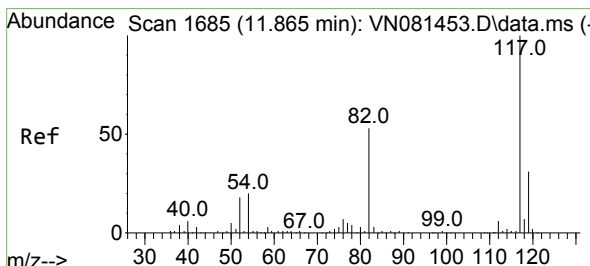
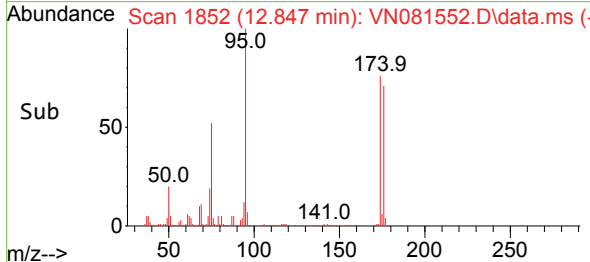
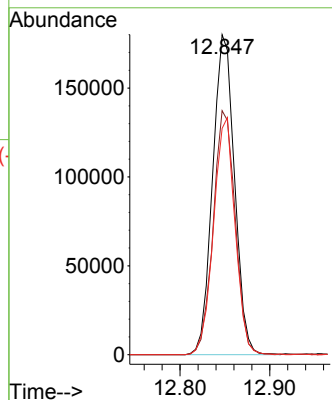
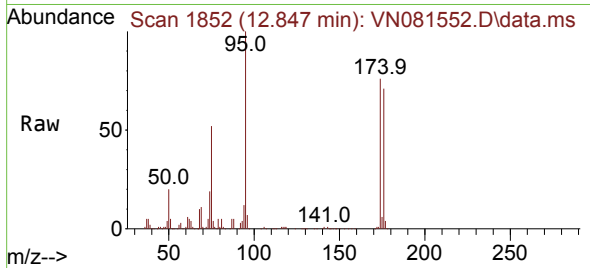




#62
4-Bromofluorobenzene
Concen: 45.199 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

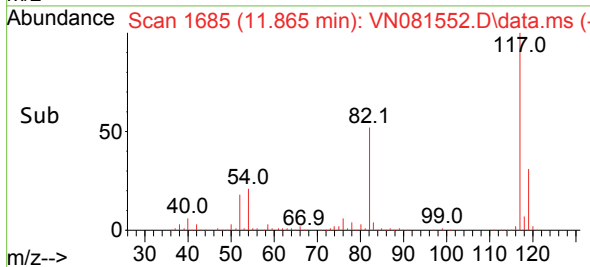
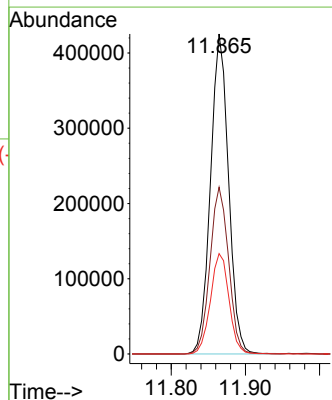
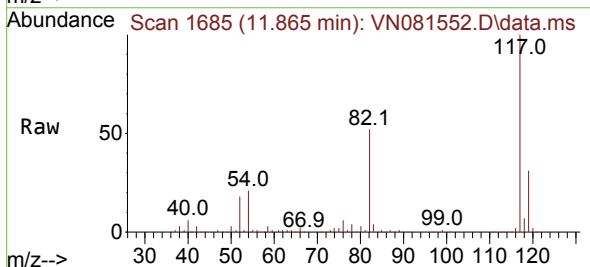
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBL01

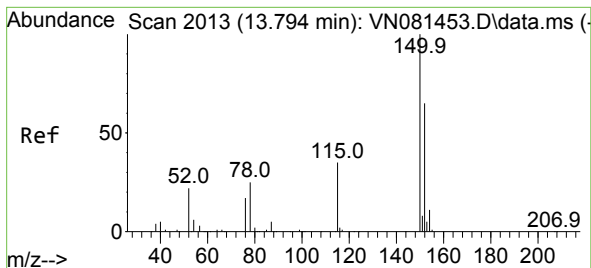
Tgt Ion: 95 Resp: 304606
Ion Ratio Lower Upper
95 100
174 76.8 0.0 120.4
176 72.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081552.D
Acq: 25 Mar 2024 11:10

Tgt Ion: 117 Resp: 719536
Ion Ratio Lower Upper
117 100
82 52.1 52.7 79.1#
119 31.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN081552.D

Acq: 25 Mar 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBL01

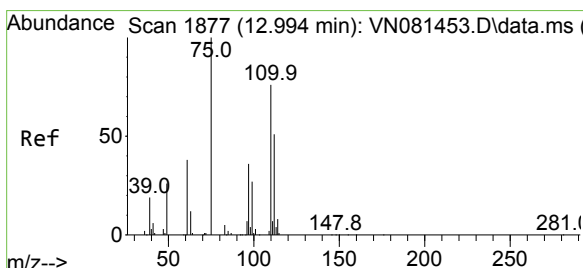
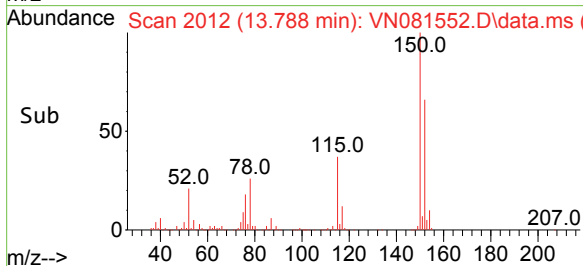
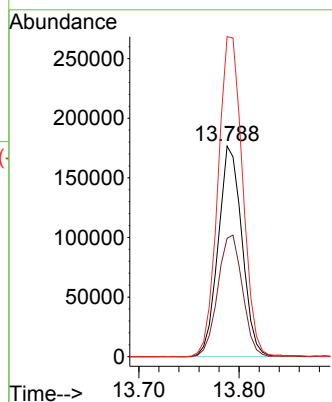
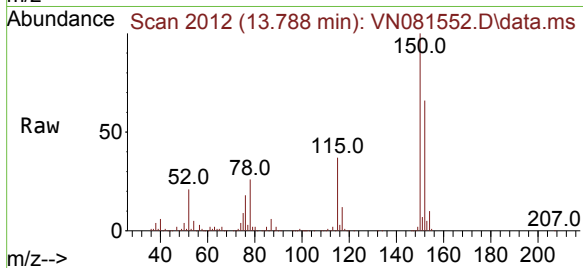
Tgt Ion:152 Resp: 289921

Ion Ratio Lower Upper

152 100

115 60.1 32.3 96.8

150 157.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.565 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081552.D

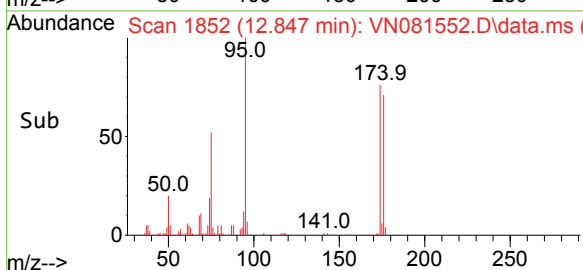
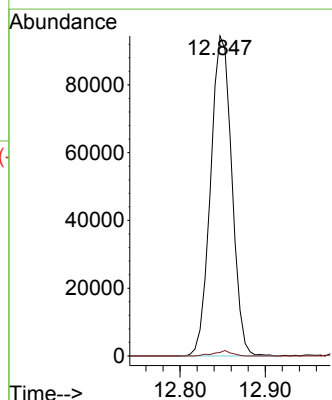
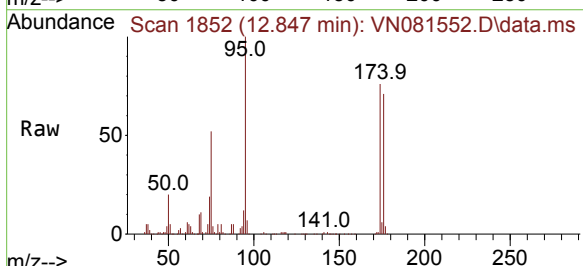
Acq: 25 Mar 2024 11:10

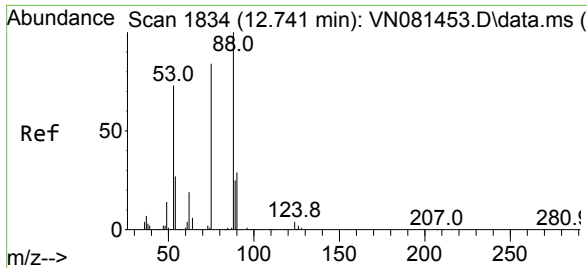
Tgt Ion: 75 Resp: 163424

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.680 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081552.D
 Acq: 25 Mar 2024 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBL01

Tgt Ion: 75 Resp: 163424
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.1 33.4 50.0#

