

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081511.D
 Acq On : 21 Mar 2024 11:42
 Operator : JC\MD
 Sample : VN0321WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 05:02:56 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

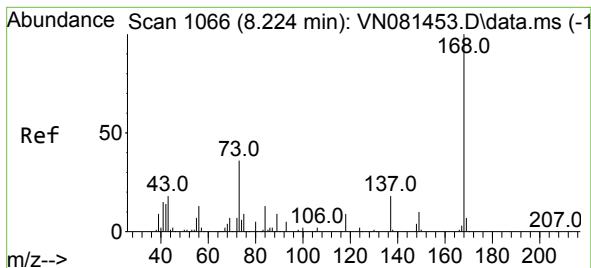
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	526276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	889466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	758792	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	316425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	314150	46.808	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.620%		
35) Dibromofluoromethane	8.165	113	266862	47.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	10.565	98	1020626	50.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.600%		
62) 4-Bromofluorobenzene	12.847	95	323851	45.293	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.580%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	1449	0.259	ug/l #	60
13) Acrolein	4.189	56	464	0.442	ug/l #	73
16) Acetone	4.436	43	483	0.223	ug/l #	44
31) Cyclohexane	8.218	56	11941	1.093	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	41707	4.415	ug/l #	52
38) Carbon Tetrachloride	8.218	117	56273	5.438	ug/l #	18
49) 1,4-Dioxane	9.706	88	56	0.377	ug/l #	1
51) 4-Methyl-2-Pentanone	10.565	43	4544	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	169164	22.349	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	169164	60.396	ug/l #	14

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

Quant Time: Mar 22 05:02:56 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# 10

Delta R.T. -0.000 min

Lab File: VN081511.D

Acq: 21 Mar 2024 11:42

Instrument :

MSVOA_N

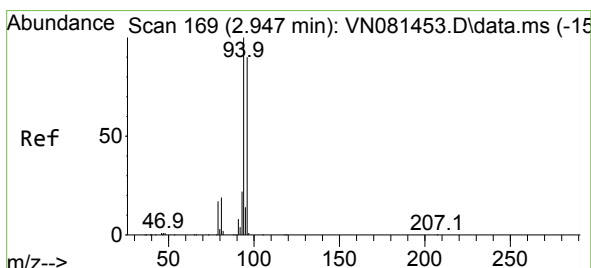
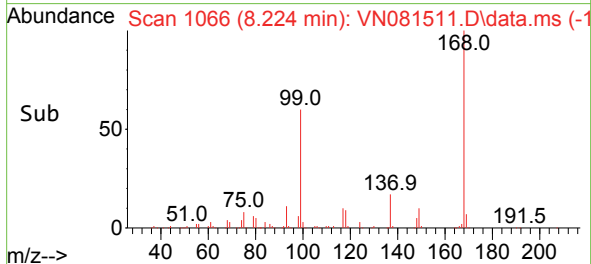
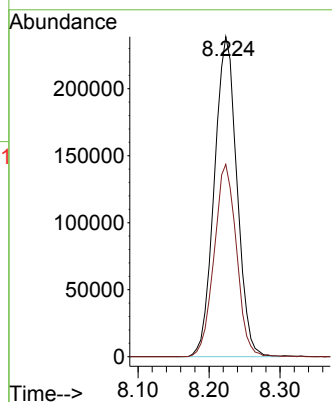
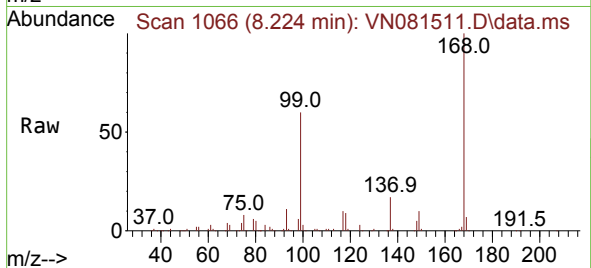
ClientSampleId :

Tgt Ion:168 Resp: 526276

Ion Ratio Lower Upper

168 100

99 60.1 59.9 89.9



#5

Bromomethane

Concen: 0.259 ug/l

RT: 2.971 min Scan# 173

Delta R.T. 0.024 min

Lab File: VN081511.D

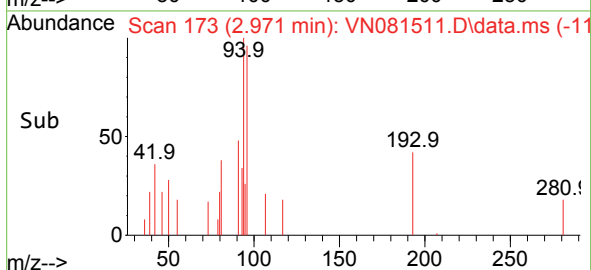
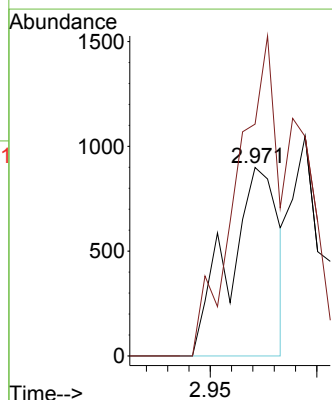
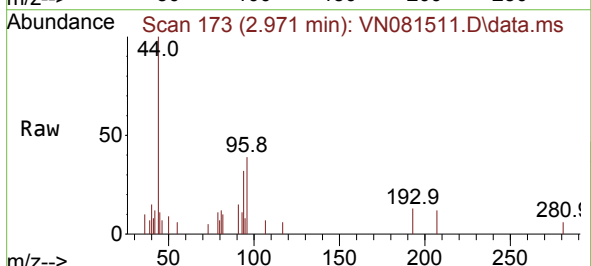
Acq: 21 Mar 2024 11:42

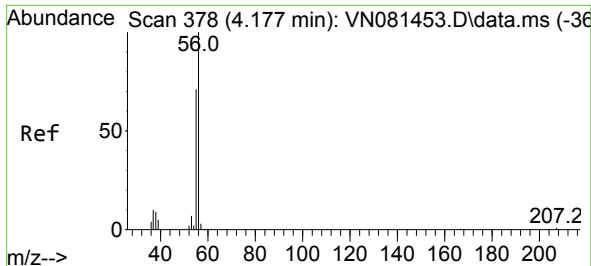
Tgt Ion: 94 Resp: 1449

Ion Ratio Lower Upper

94 100

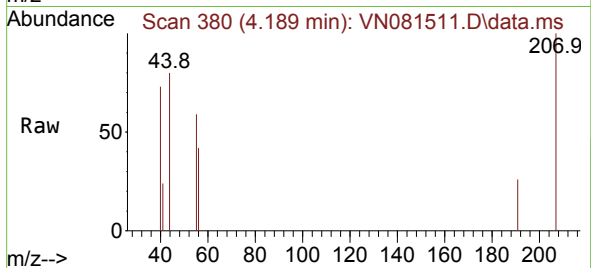
96 123.0 69.2 103.8#



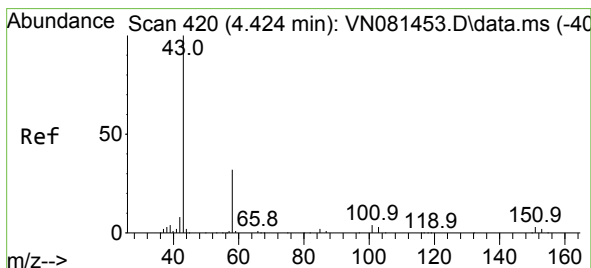
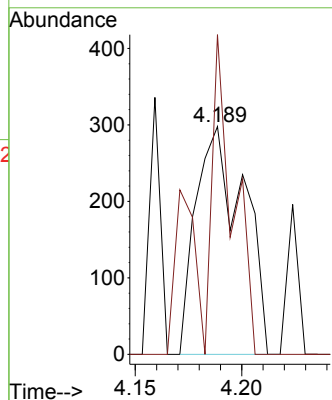
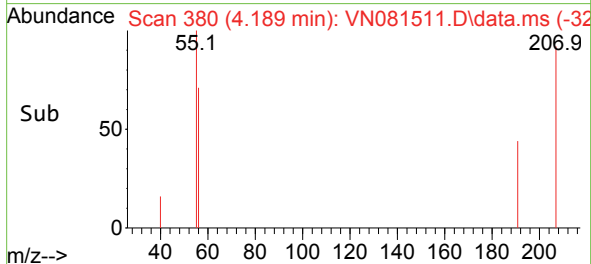


#13
Acrolein
Concen: 0.442 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

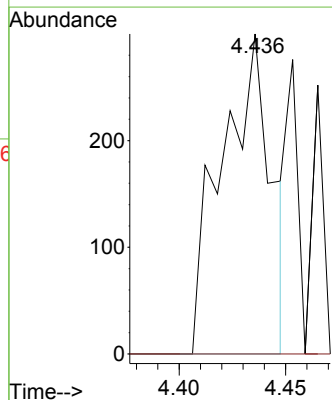
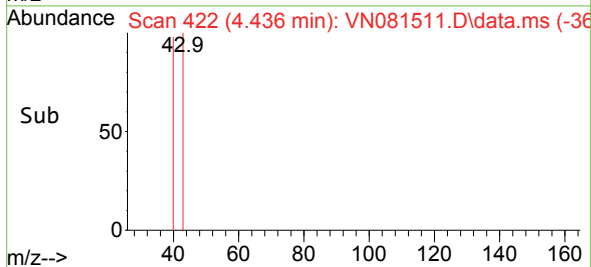
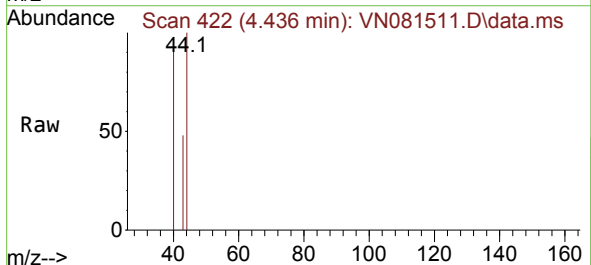


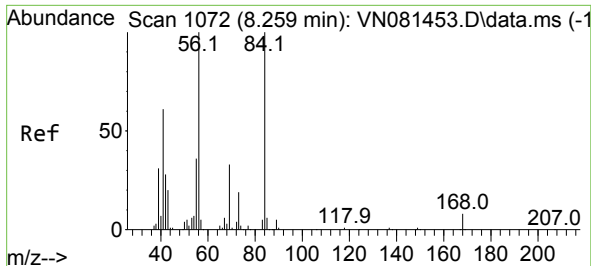
Tgt Ion: 56 Resp: 464
Ion Ratio Lower Upper
56 100
55 90.7 55.3 82.9#



#16
Acetone
Concen: 0.223 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

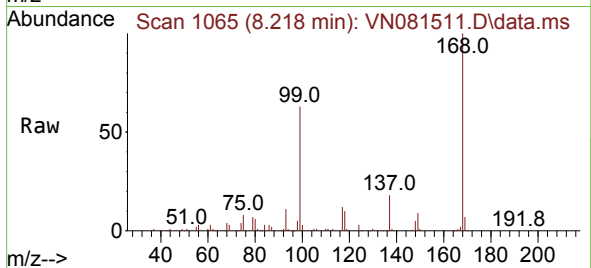
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



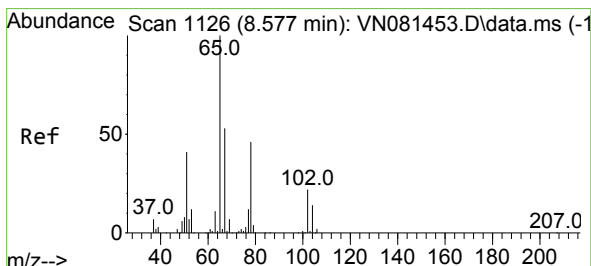
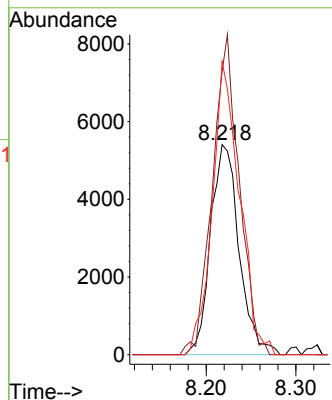
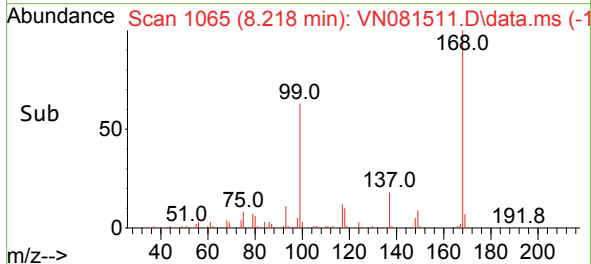


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

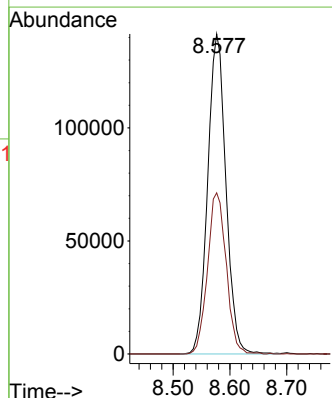
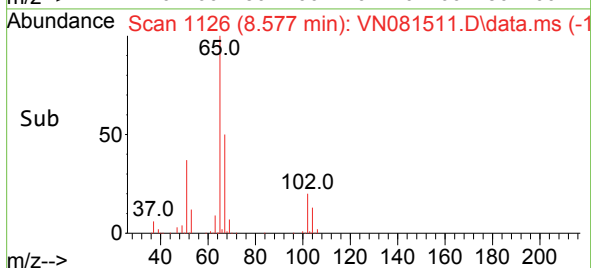
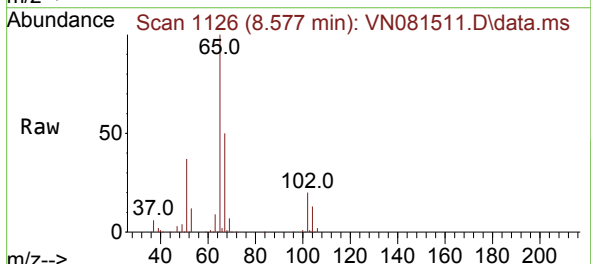


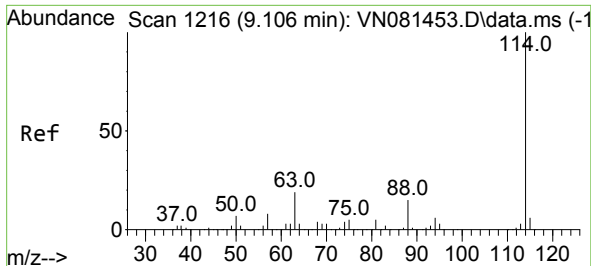
Tgt Ion: 56 Resp: 11941
Ion Ratio Lower Upper
56 100
69 134.9 20.1 30.1#
84 139.6 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 46.808 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Tgt Ion: 65 Resp: 314150
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081511.D

Acq: 21 Mar 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

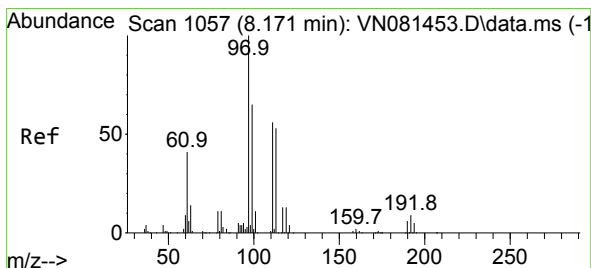
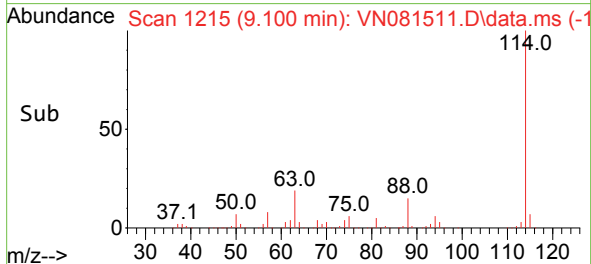
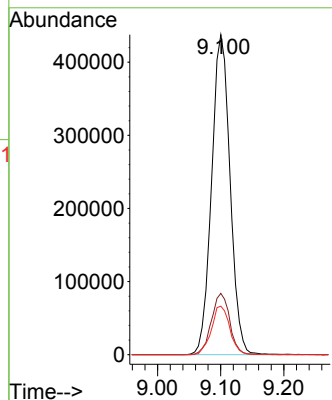
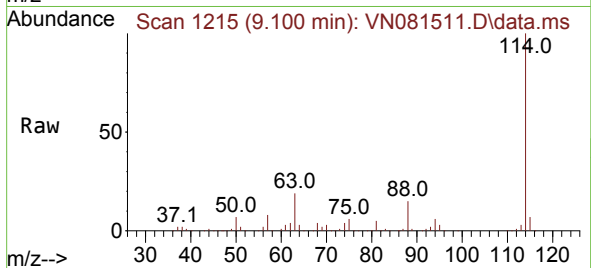
Tgt Ion:114 Resp: 889466

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.540 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081511.D

Acq: 21 Mar 2024 11:42

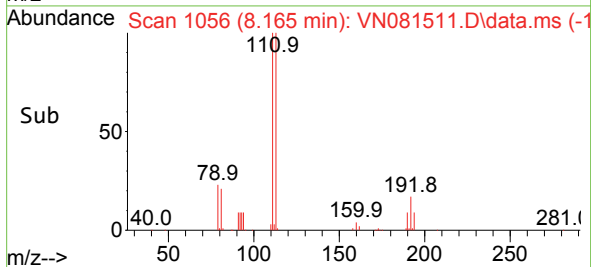
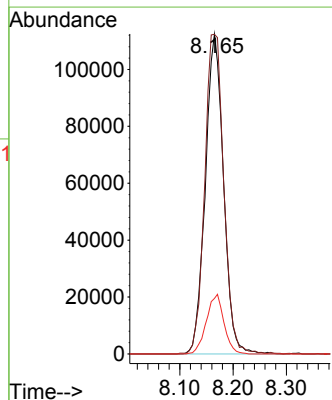
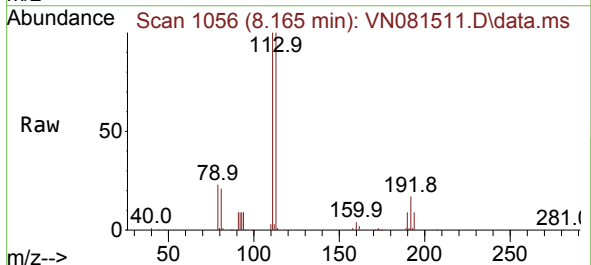
Tgt Ion:113 Resp: 266862

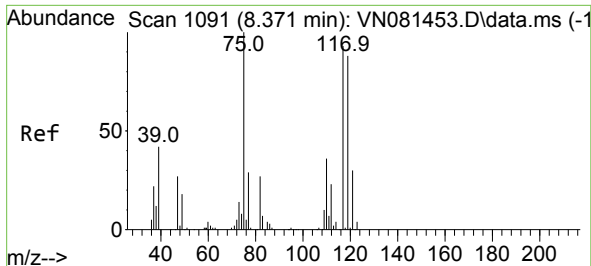
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

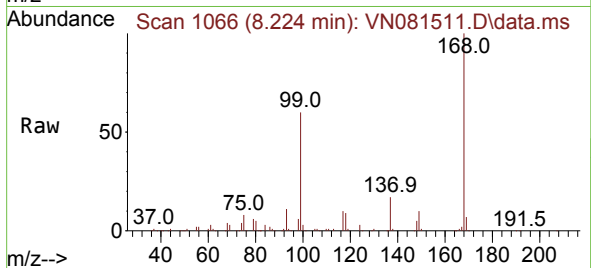
192 18.0 12.5 18.7



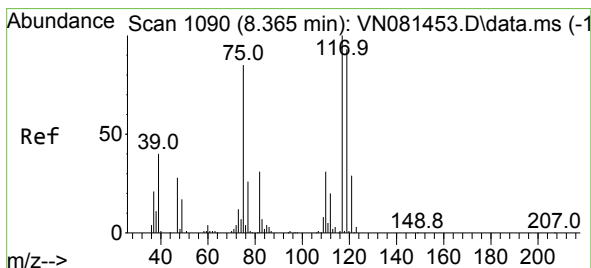
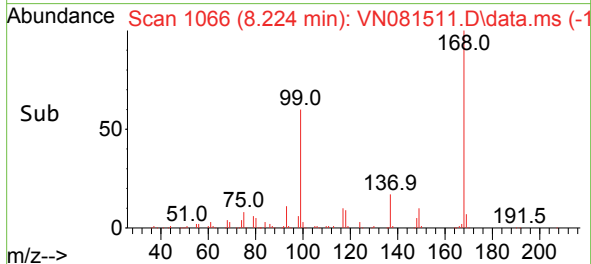
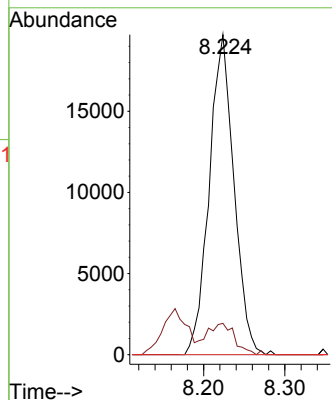


#36
1,1-Dichloropropene
Concen: 4.415 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

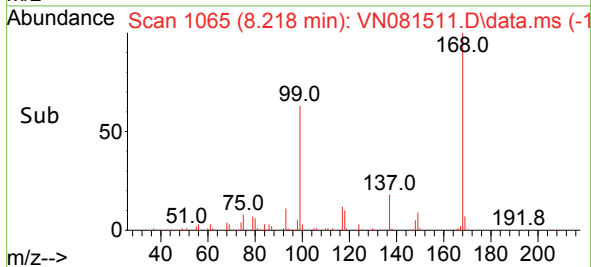
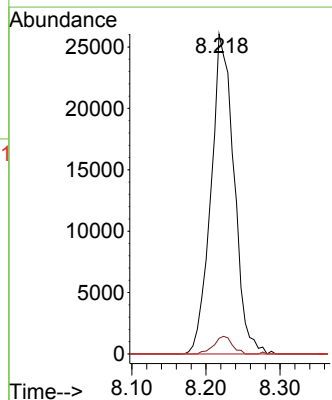
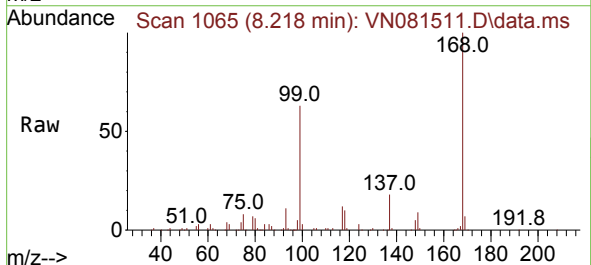


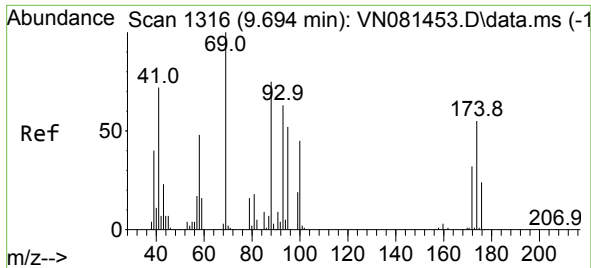
Tgt Ion: 75 Resp: 41707
Ion Ratio Lower Upper
75 100
110 10.6 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

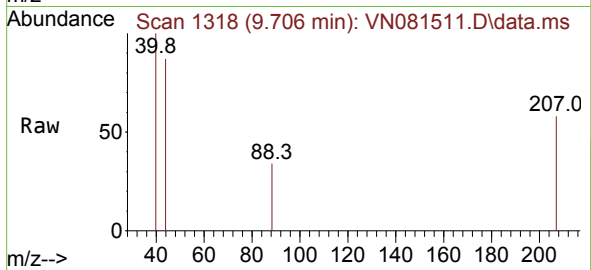
Tgt Ion: 117 Resp: 56273
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 24.4 36.6#



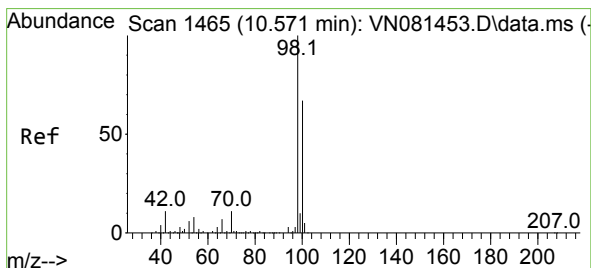
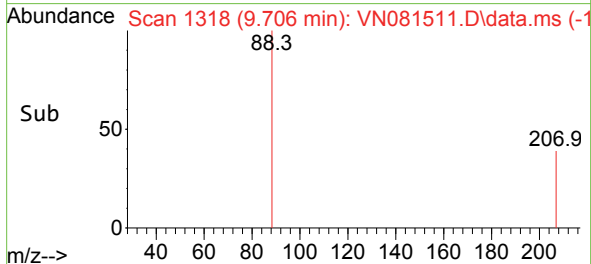
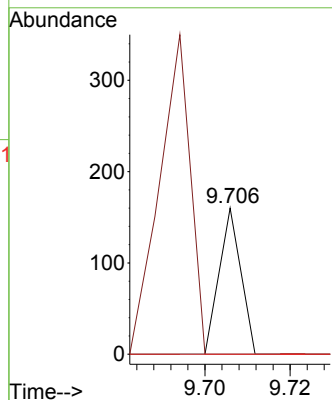


#49
1,4-Dioxane
Concen: 0.377 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

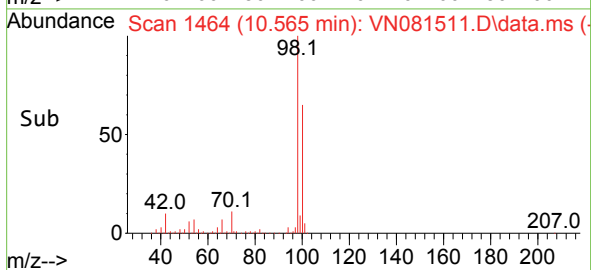
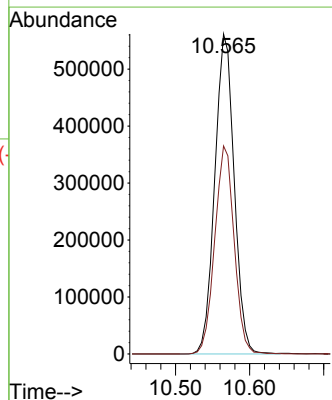
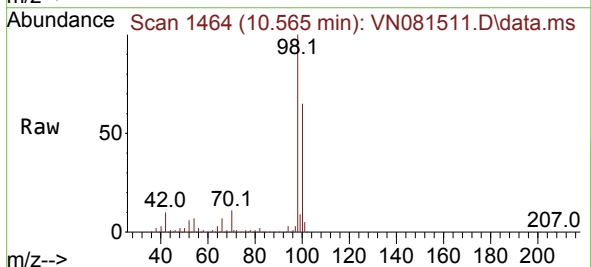


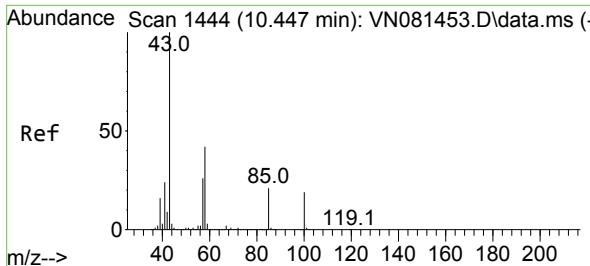
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 316.1 30.1 45.1#
58 0.0 63.9 95.9#



#50
Toluene-d8
Concen: 50.297 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Tgt Ion: 98 Resp: 1020626
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.555 ug/l

RT: 10.565 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN081511.D

Acq: 21 Mar 2024 11:42

Instrument :

MSVOA_N

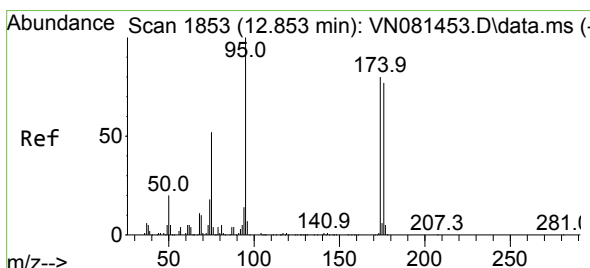
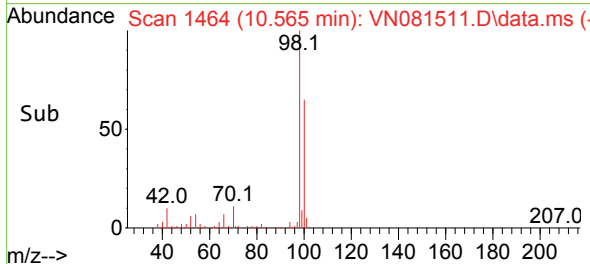
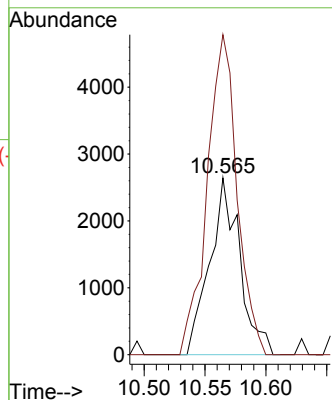
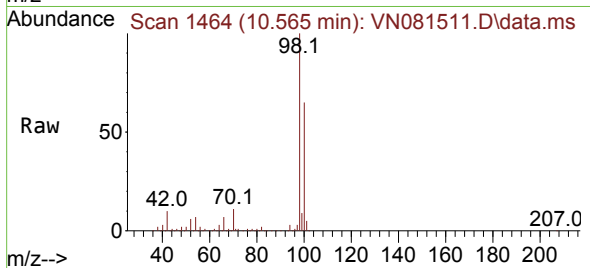
ClientSampleId :

Tgt Ion: 43 Resp: 4544

Ion Ratio Lower Upper

43 100

58 180.1 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 45.293 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081511.D

Acq: 21 Mar 2024 11:42

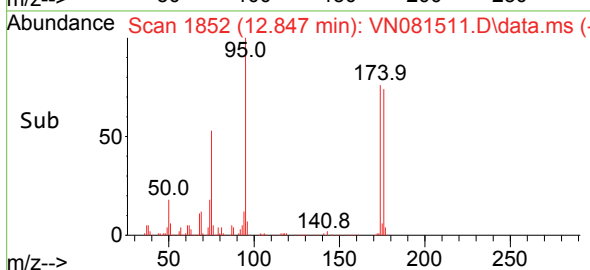
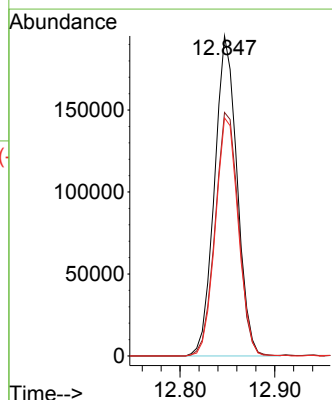
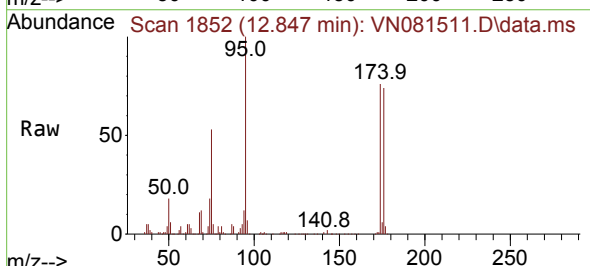
Tgt Ion: 95 Resp: 323851

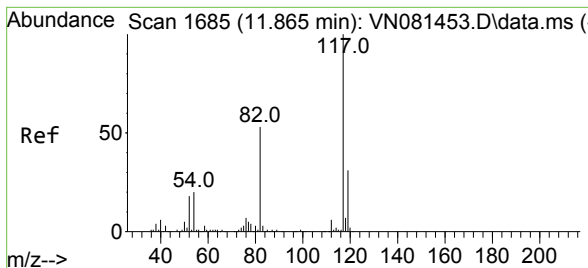
Ion Ratio Lower Upper

95 100

174 78.6 0.0 120.4

176 75.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081511.D

Acq: 21 Mar 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

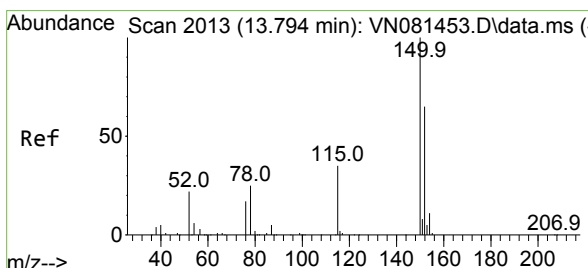
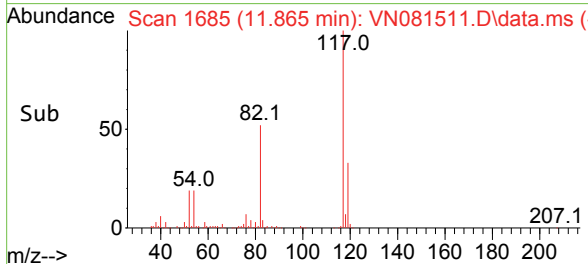
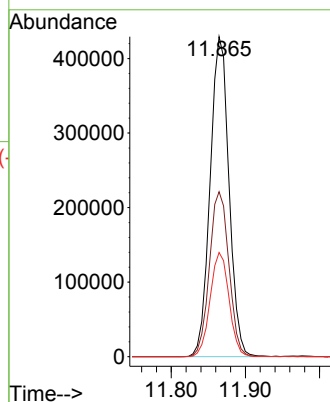
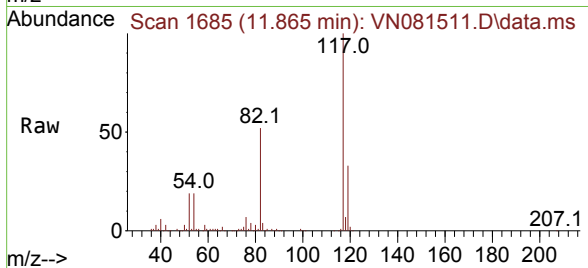
Tgt Ion:117 Resp: 758792

Ion Ratio Lower Upper

117 100

82 51.5 52.7 79.1#

119 32.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081511.D

Acq: 21 Mar 2024 11:42

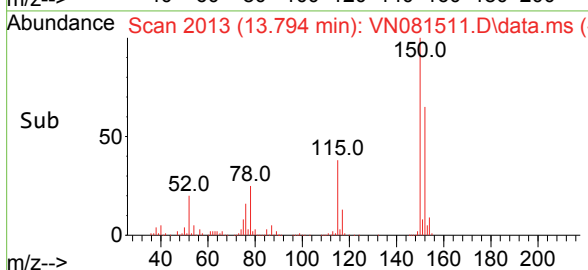
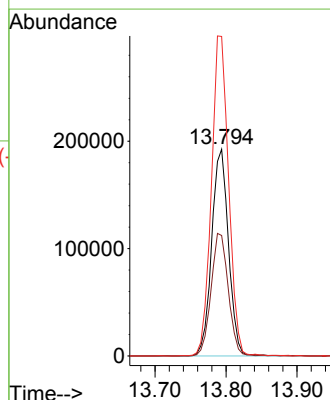
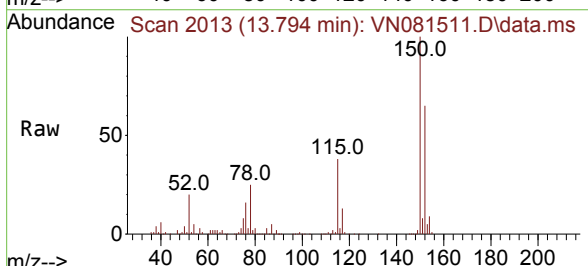
Tgt Ion:152 Resp: 316425

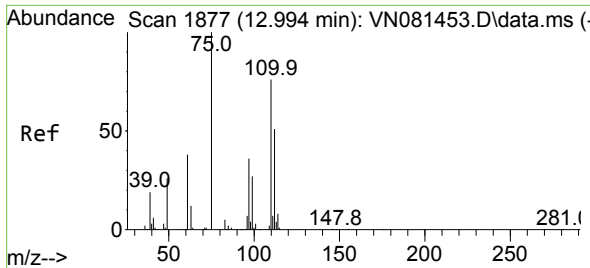
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 158.2 0.0 339.8

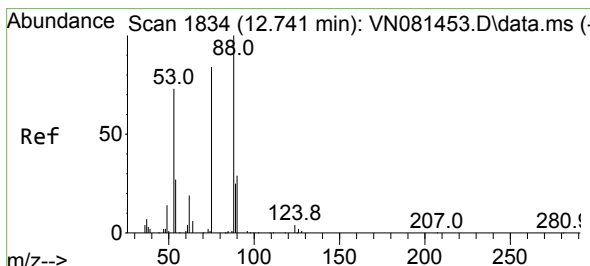
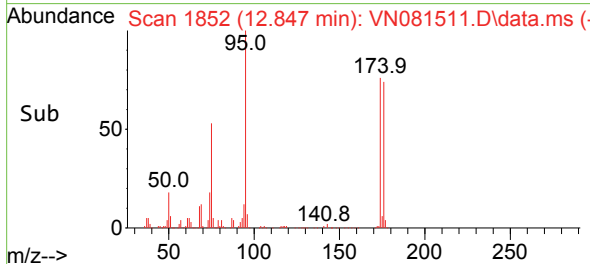
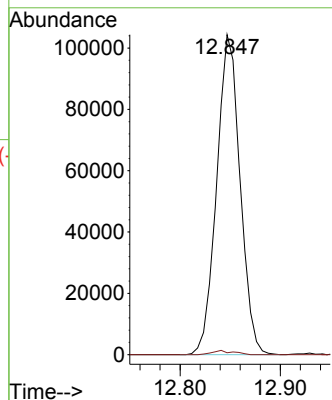
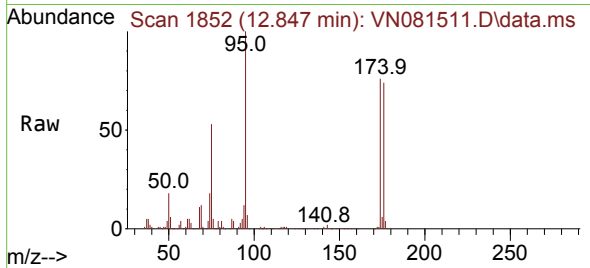




#76
1,2,3-Trichloropropane
Concen: 22.349 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 169164
Ion Ratio Lower Upper
75 100
77 1.2 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.396 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081511.D
Acq: 21 Mar 2024 11:42

Tgt Ion: 75 Resp: 169164
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.1 33.4 50.0#

