

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082891.D
 Acq On : 12 Jul 2024 11:41
 Operator : JC\MD
 Sample : VN0712WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBL01

Quant Time: Jul 15 01:08:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	107420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	205118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	204140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	85016	56.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.920%
35) Dibromofluoromethane	8.165	113	67914	51.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%
50) Toluene-d8	10.571	98	246115	50.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.853	95	82100	47.016	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.040%

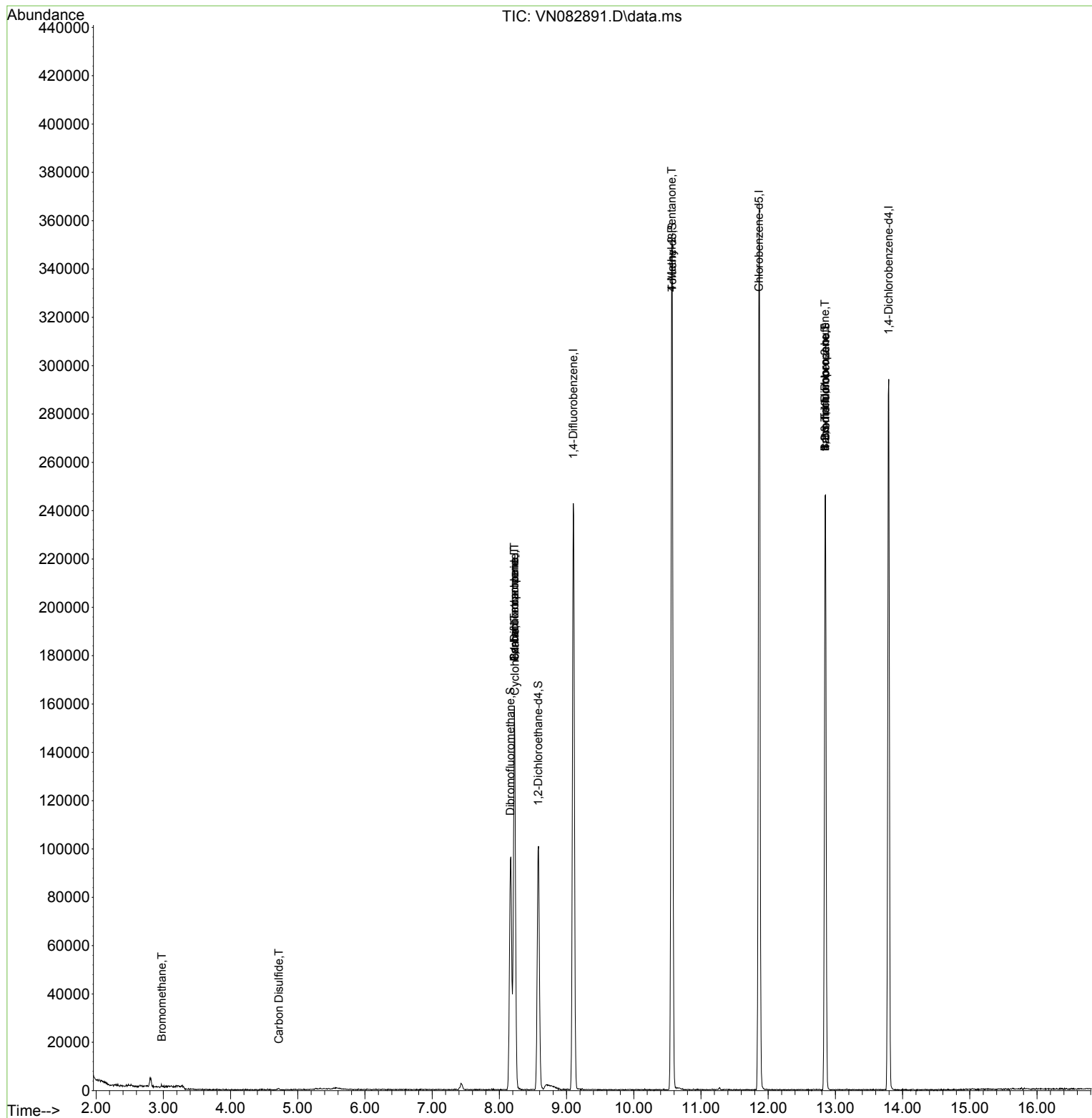
Target Compounds					Qvalue	
5) Bromomethane	2.977	94	335	0.335	ug/l #	67
17) Carbon Disulfide	4.718	76	1101	0.336	ug/l #	75
31) Cyclohexane	8.230	56	2745	1.394	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	9321	5.136	ug/l #	49
38) Carbon Tetrachloride	8.224	117	11467	5.248	ug/l #	18
43) Isopropyl Acetate	8.700	43	1903	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1202	0.656	ug/l #	1
71) Bromoform	12.847	173	757	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	46303	34.589	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	46303	68.027	ug/l #	6

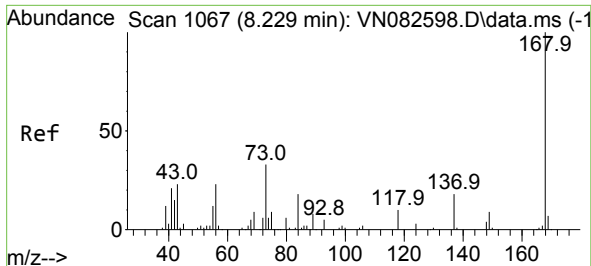
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

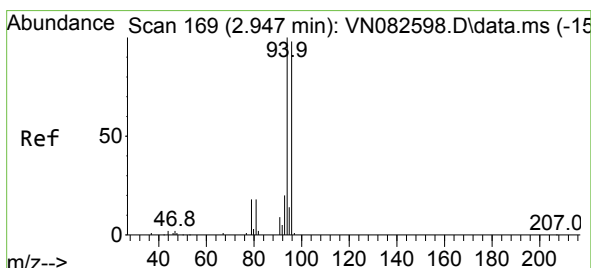
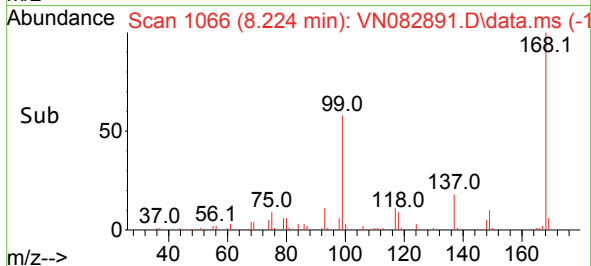
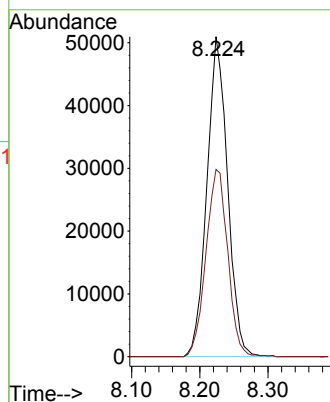
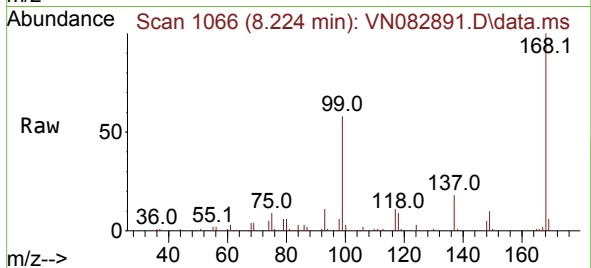




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082891.D
Acq: 12 Jul 2024 11:41

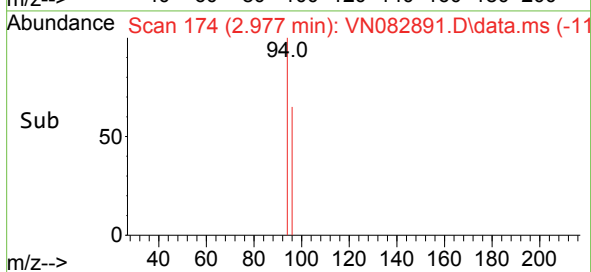
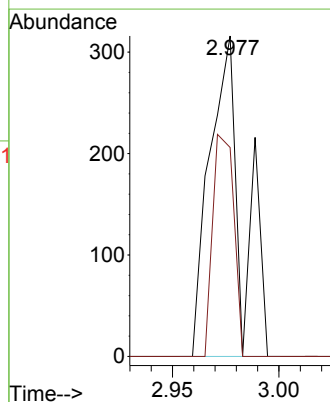
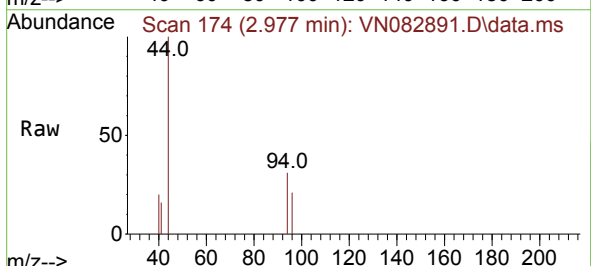
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBL01

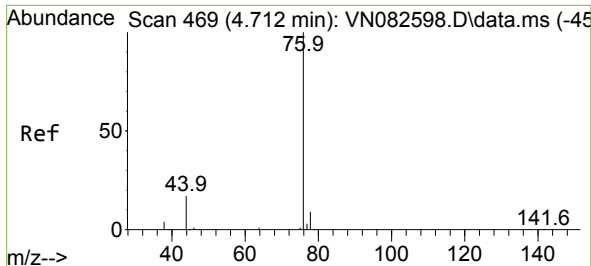
Tgt Ion:168 Resp: 107420
Ion Ratio Lower Upper
168 100
99 58.5 48.2 72.4



#5
Bromomethane
Concen: 0.335 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082891.D
Acq: 12 Jul 2024 11:41

Tgt Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 65.2 78.0 117.0#

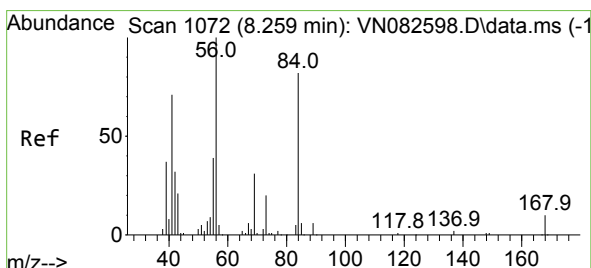
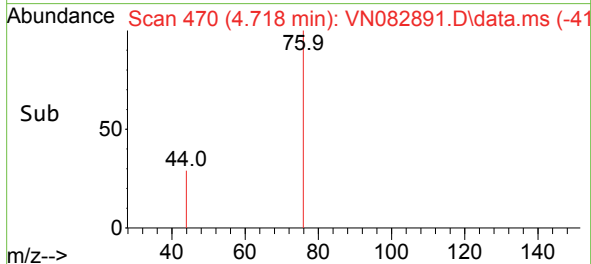
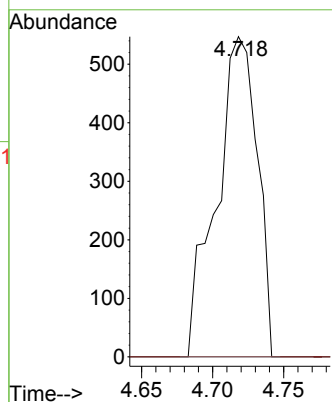
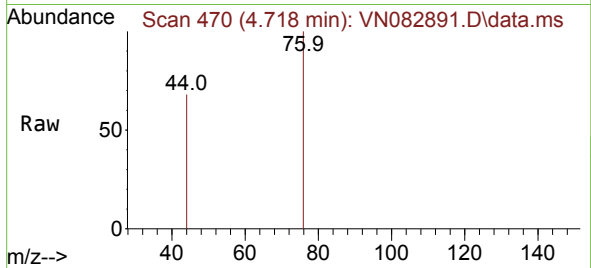




#17
Carbon Disulfide
Concen: 0.336 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082891.D
Acq: 12 Jul 2024 11:41

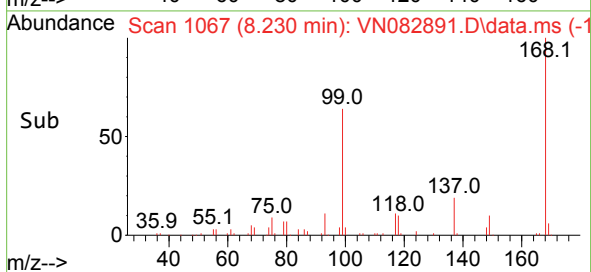
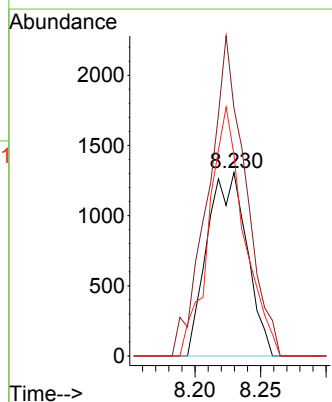
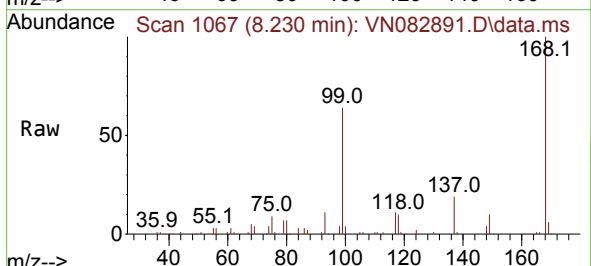
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBL01

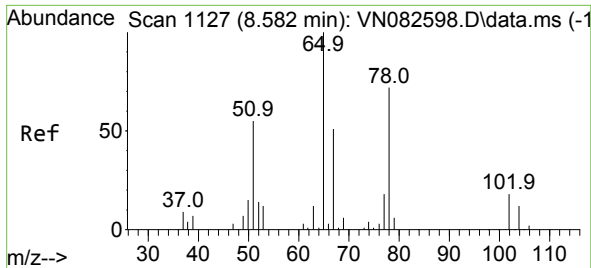
Tgt Ion: 76 Resp: 1101
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.394 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082891.D
Acq: 12 Jul 2024 11:41

Tgt Ion: 56 Resp: 2745
Ion Ratio Lower Upper
56 100
69 135.0 24.5 36.7#
84 109.7 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.459 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

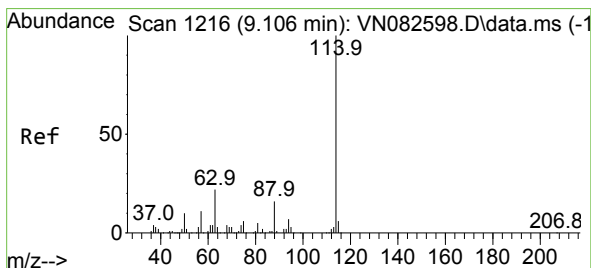
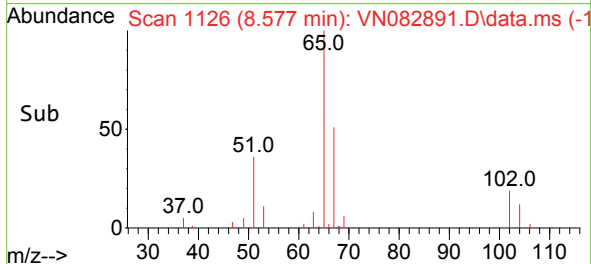
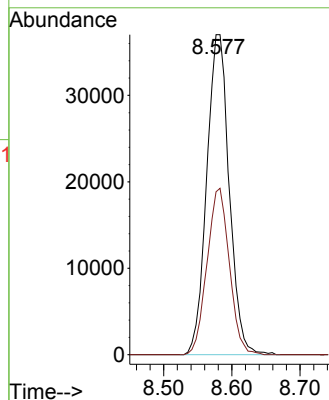
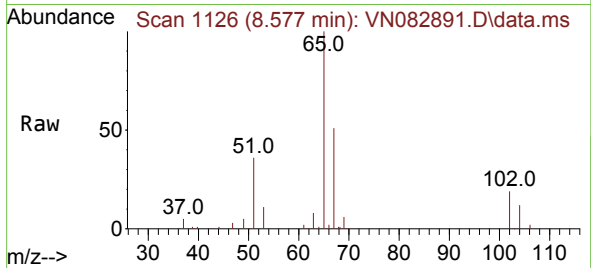
VN0712WBL01

Tgt Ion: 65 Resp: 85016

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

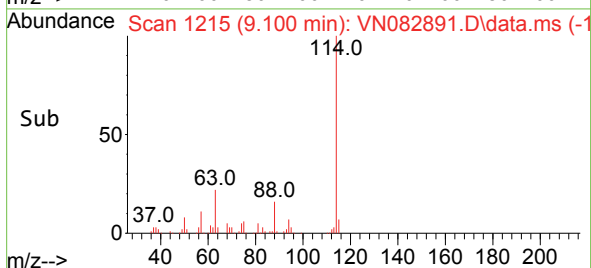
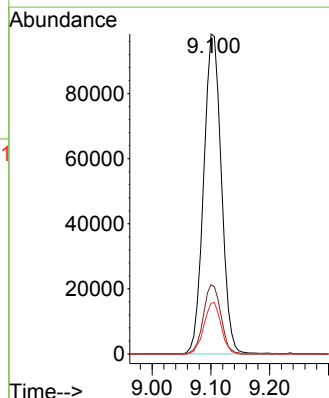
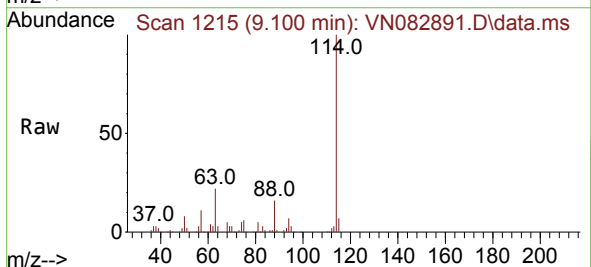
Tgt Ion: 114 Resp: 205118

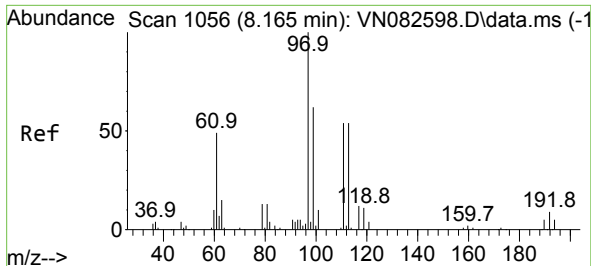
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.599 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBL01

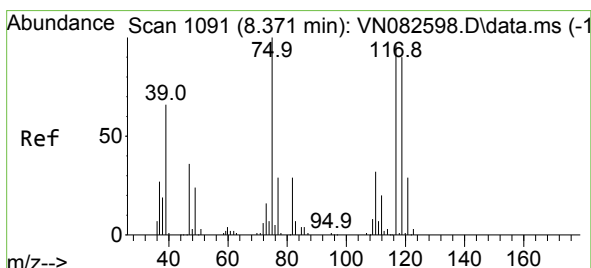
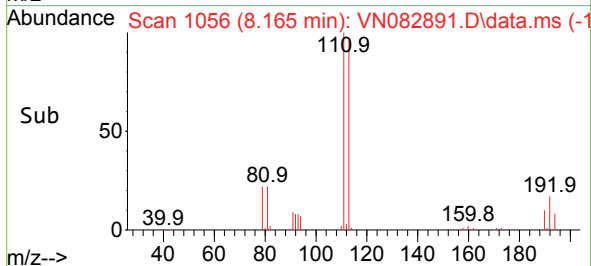
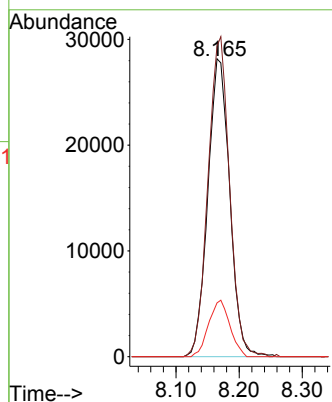
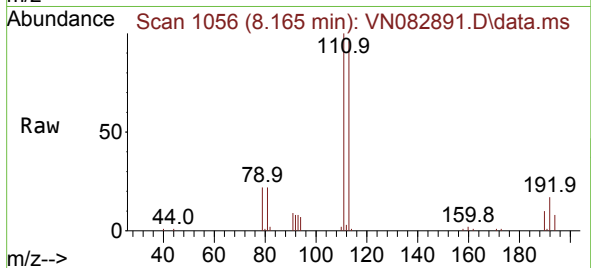
Tgt Ion:113 Resp: 67914

Ion Ratio Lower Upper

113 100

111 105.3 82.4 123.6

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

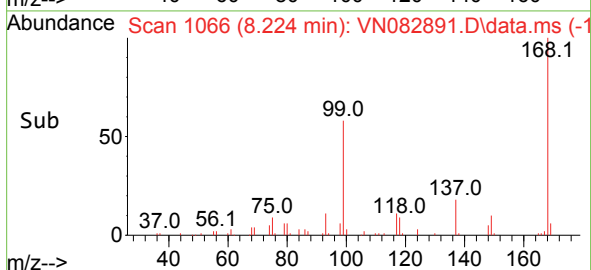
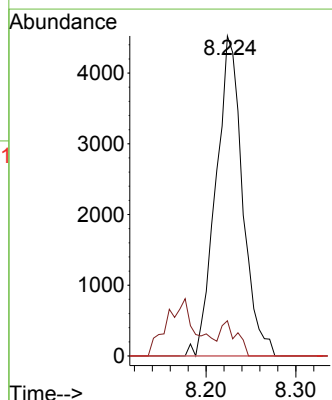
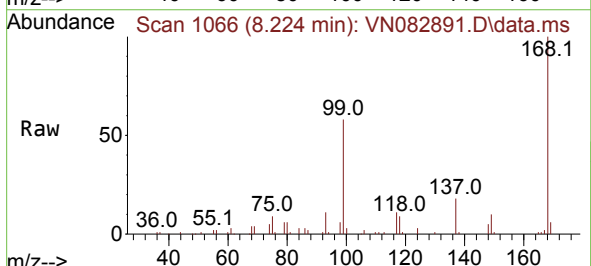
Tgt Ion: 75 Resp: 9321

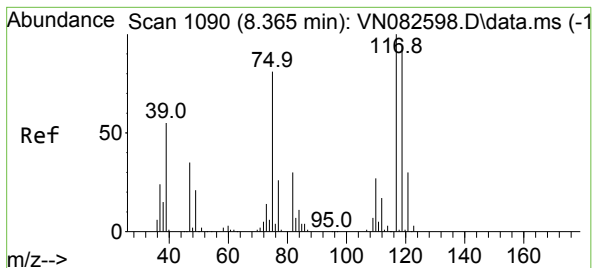
Ion Ratio Lower Upper

75 100

110 6.5 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.248 ug/l

RT: 8.224 min Scan# 1146

Delta R.T. -0.141 min

Lab File: VN082891.D

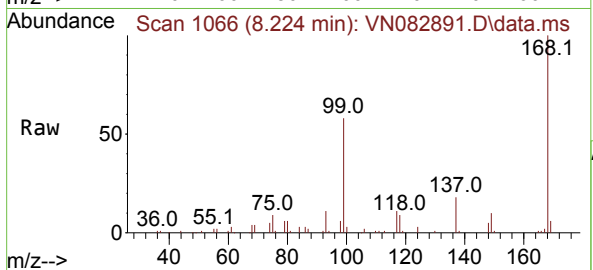
Acq: 12 Jul 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBL01



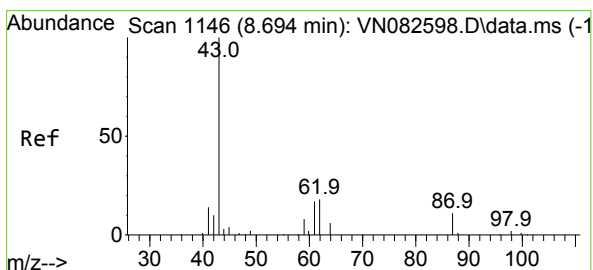
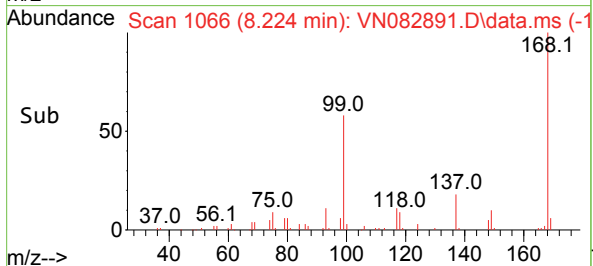
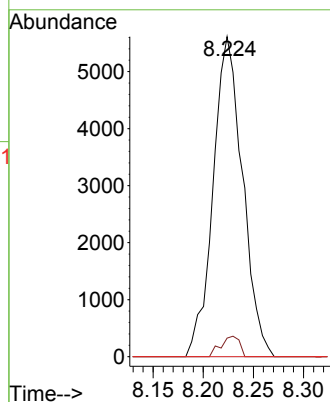
Tgt Ion:117 Resp: 11467

Ion Ratio Lower Upper

117 100

119 5.8 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

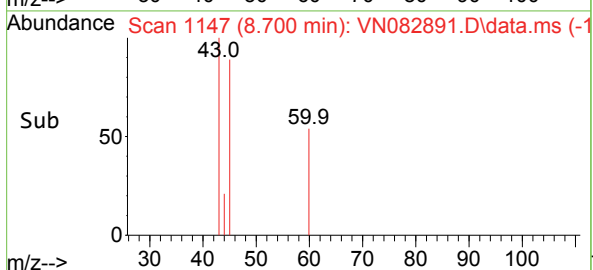
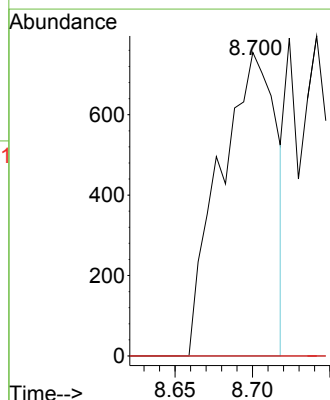
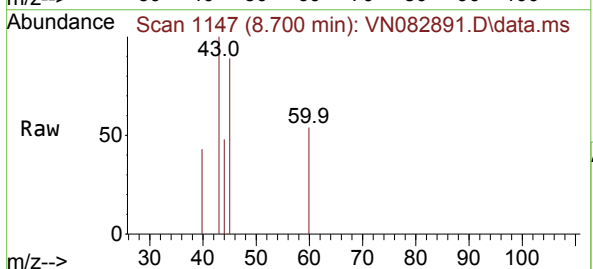
Tgt Ion: 43 Resp: 1903

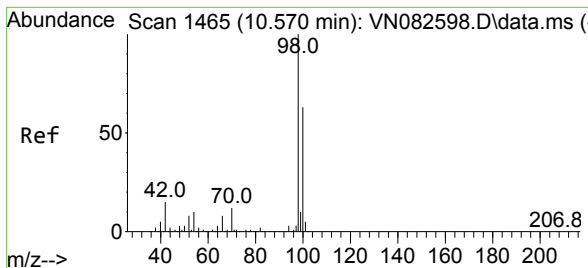
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 50.627 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

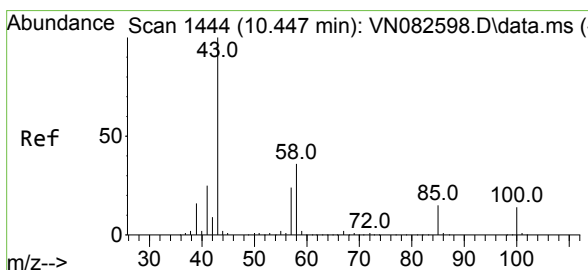
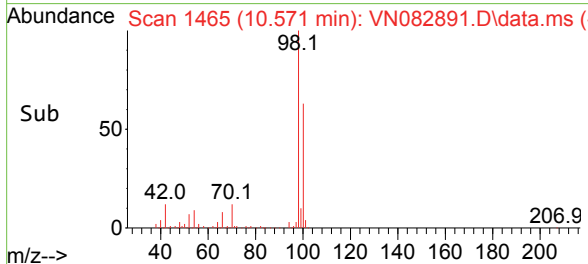
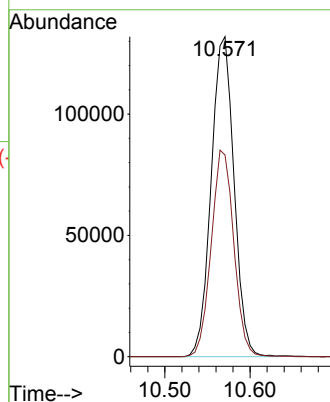
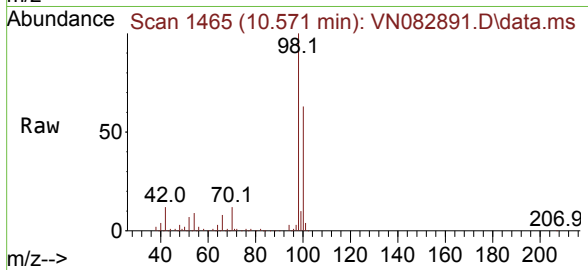
VN0712WBL01

Tgt Ion: 98 Resp: 246115

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.656 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082891.D

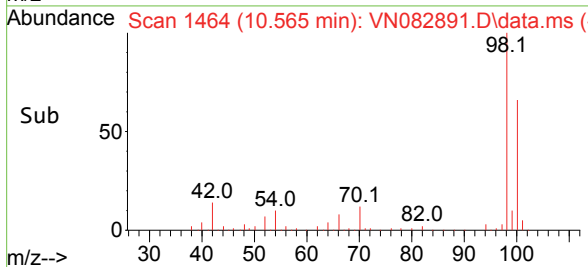
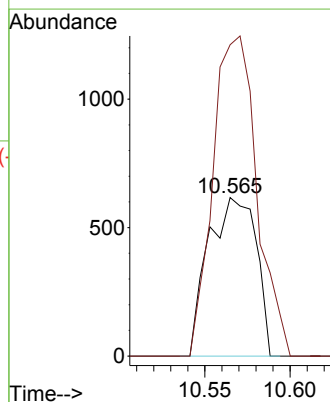
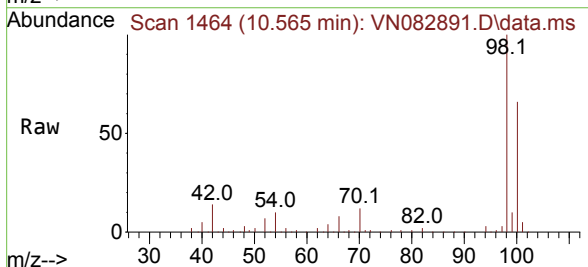
Acq: 12 Jul 2024 11:41

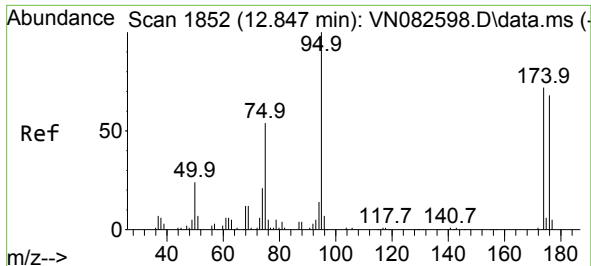
Tgt Ion: 43 Resp: 1202

Ion Ratio Lower Upper

43 100

58 185.9 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 47.016 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0712WBL01

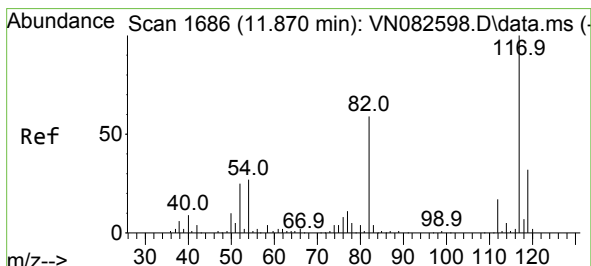
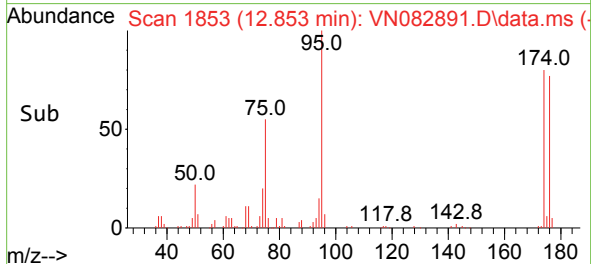
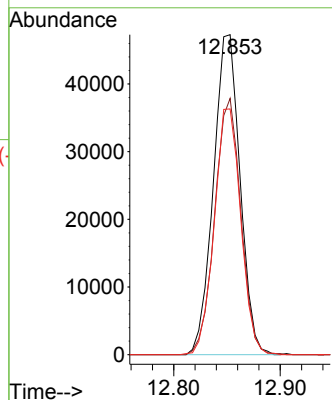
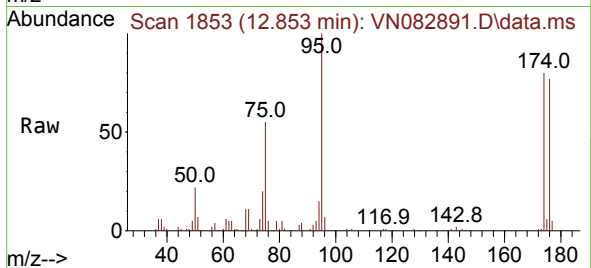
Tgt Ion: 95 Resp: 82100

Ion Ratio Lower Upper

95 100

174 78.4 0.0 159.2

176 76.4 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.005 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

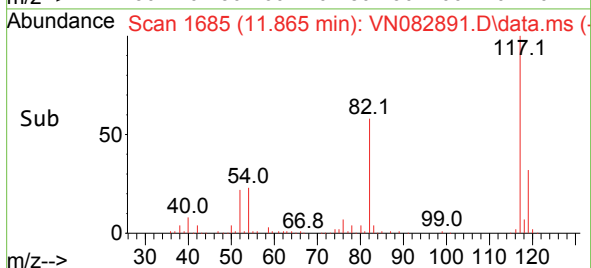
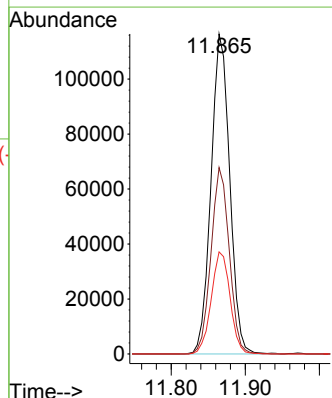
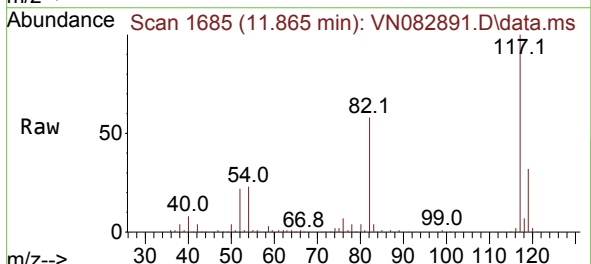
Tgt Ion: 117 Resp: 204140

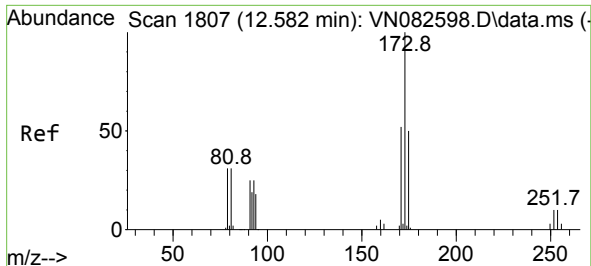
Ion Ratio Lower Upper

117 100

82 58.3 47.5 71.3

119 31.9 25.6 38.4

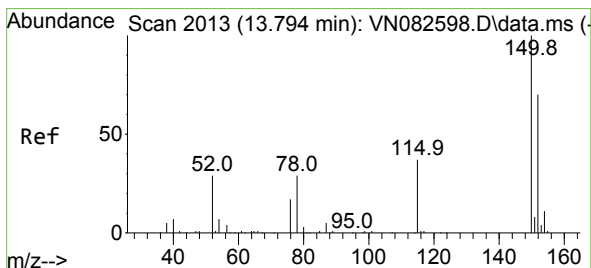
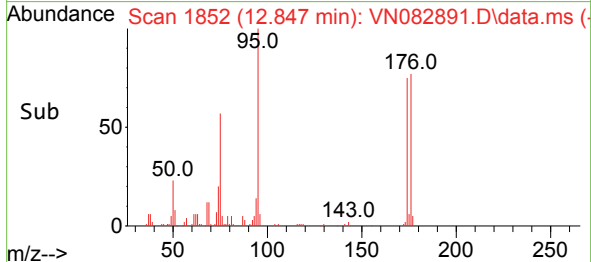
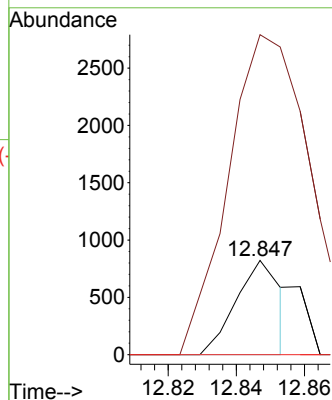
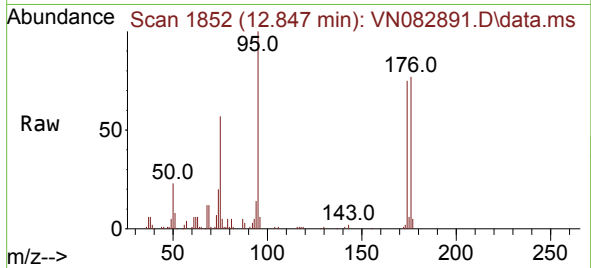




#71
Bromoform
Concen: 0.619 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN082891.D
Acq: 12 Jul 2024 11:41

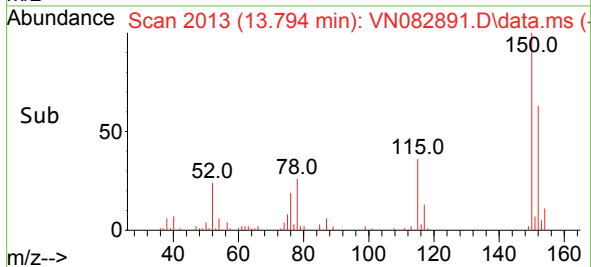
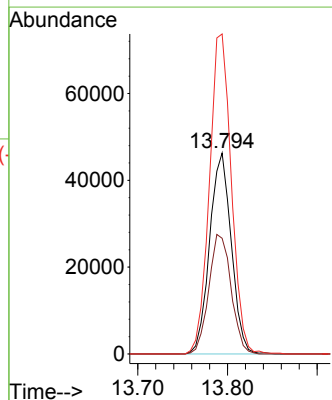
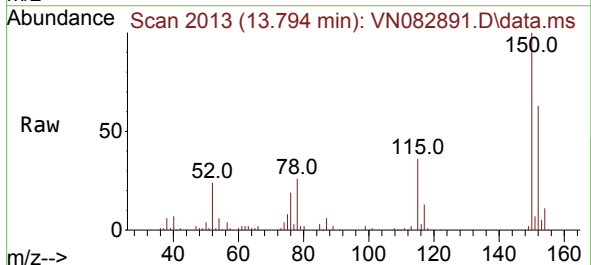
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBL01

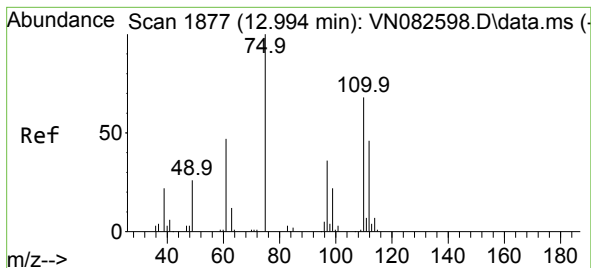
Tgt Ion:173 Resp: 757
Ion Ratio Lower Upper
173 100
175 532.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082891.D
Acq: 12 Jul 2024 11:41

Tgt Ion:152 Resp: 77645
Ion Ratio Lower Upper
152 100
115 61.1 30.6 91.6
150 161.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 34.589 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

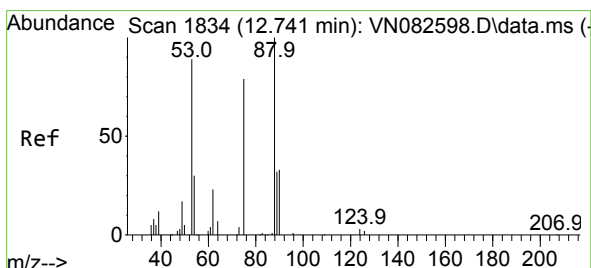
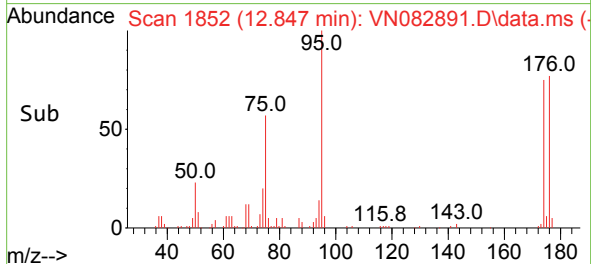
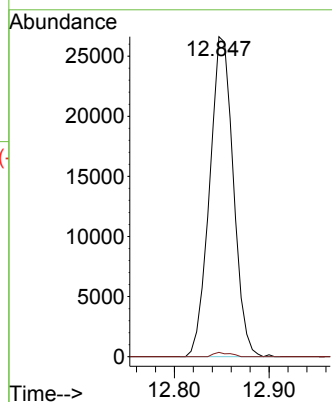
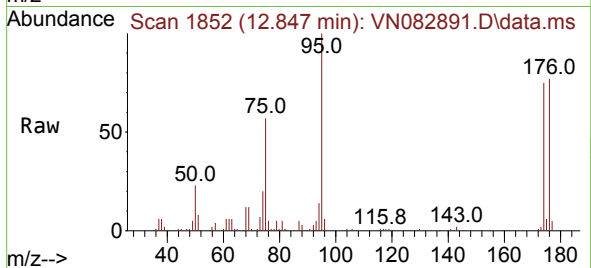
VN0712WBL01

Tgt Ion: 75 Resp: 46303

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.027 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN082891.D

Acq: 12 Jul 2024 11:41

Tgt Ion: 75 Resp: 46303

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

