

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083255.D
 Acq On : 13 Aug 2024 14:07
 Operator : JC\MD
 Sample : P3393-20ME 800X
 Misc : 7.93g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:44:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

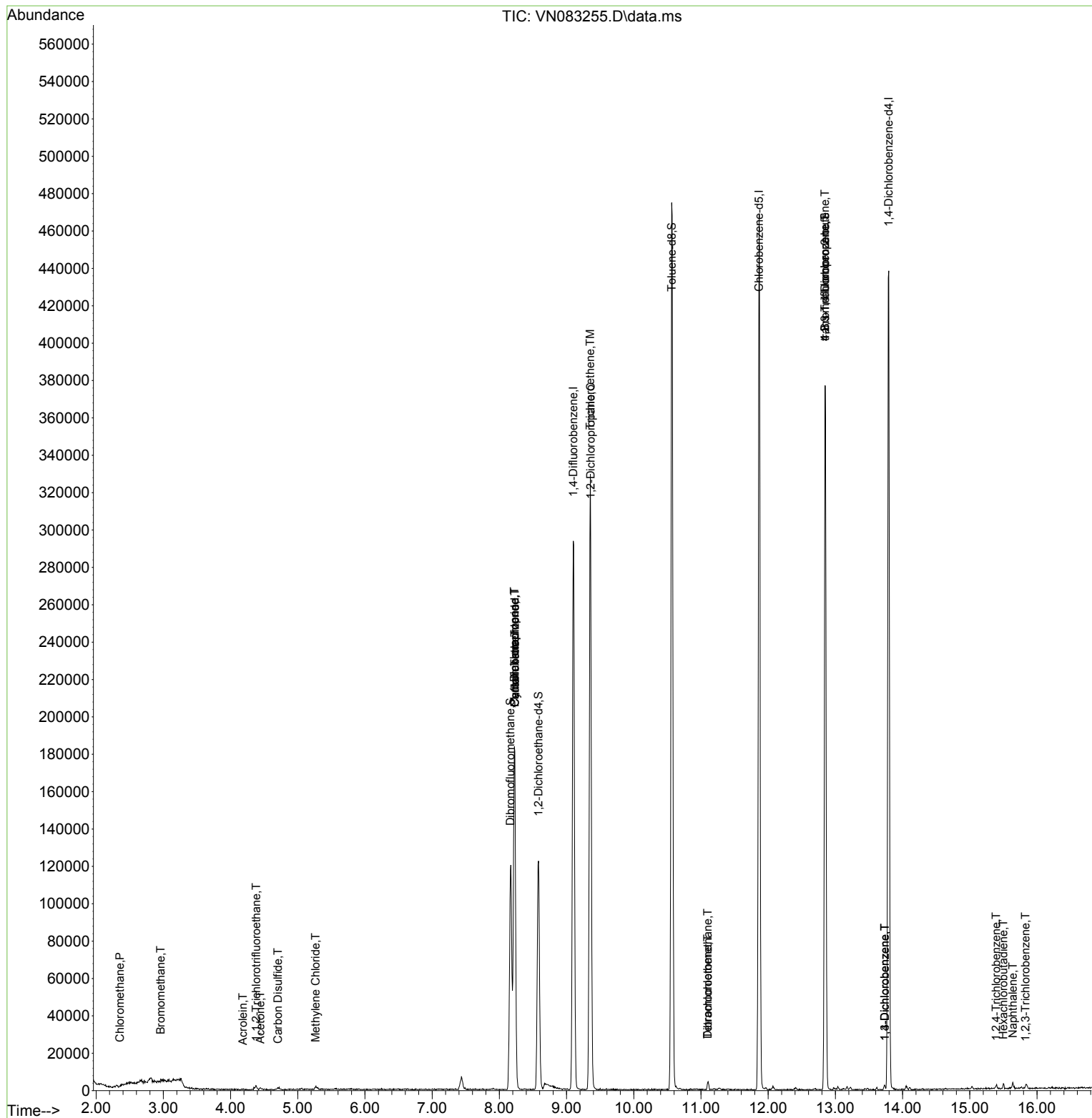
Internal Standards						
1) Pentafluorobenzene	8.230	168	129704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108632	58.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.680%			
35) Dibromofluoromethane	8.165	113	86035	54.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.460%			
50) Toluene-d8	10.565	98	331037	56.454	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.900%			
62) 4-Bromofluorobenzene	12.847	95	136346	59.642	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 119.280%			
Target Compounds					Qvalue	
3) Chloromethane	2.353	50	349	0.232	ug/l #	43
5) Bromomethane	2.959	94	342	0.359	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.383	101	1454	1.039	ug/l #	85
13) Acrolein	4.183	56	68	0.272	ug/l #	73
16) Acetone	4.442	43	1485	2.056	ug/l #	48
17) Carbon Disulfide	4.706	76	1188	0.282	ug/l #	75
20) Methylene Chloride	5.265	84	794	0.478	ug/l #	62
31) Cyclohexane	8.230	56	3504	1.281	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	12065	5.074	ug/l #	52
38) Carbon Tetrachloride	8.230	117	14804	5.527	ug/l #	17
43) Isopropyl Acetate	8.694	43	2308	Below Cal	#	60
44) Trichloroethene	9.353	130	111449	66.097	ug/l	92
45) 1,2-Dichloropropane	9.359	63	390	0.232	ug/l #	21
60) Dibromochloromethane	11.100	129	854	0.440	ug/l #	10
64) Tetrachloroethene	11.100	164	969	0.568	ug/l #	85
76) 1,2,3-Trichloropropane	12.847	75	75076	29.219	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	75076	63.557	ug/l #	6
87) 1,3-Dichlorobenzene	13.735	146	967	0.236	ug/l	87
88) 1,4-Dichlorobenzene	13.735	146	967	0.234	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	866	0.390	ug/l #	86
94) Hexachlorobutadiene	15.500	225	481	0.487	ug/l	86
95) Naphthalene	15.641	128	3677	0.468	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.829	180	1032	0.470	ug/l	91

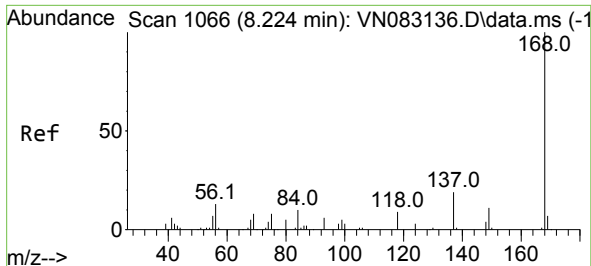
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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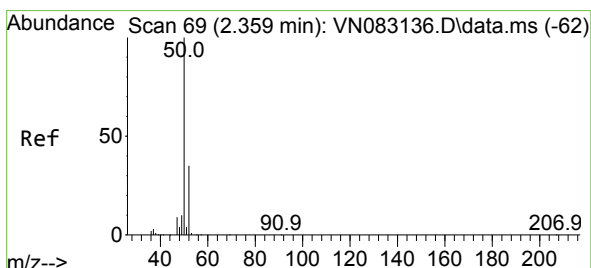
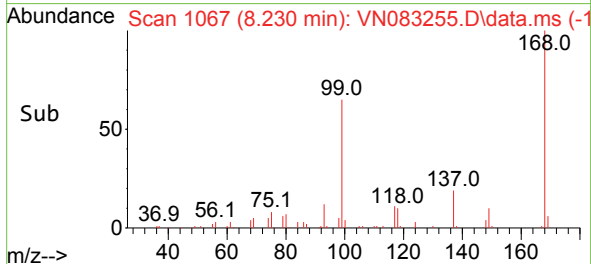
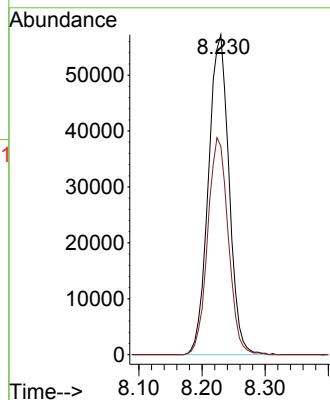
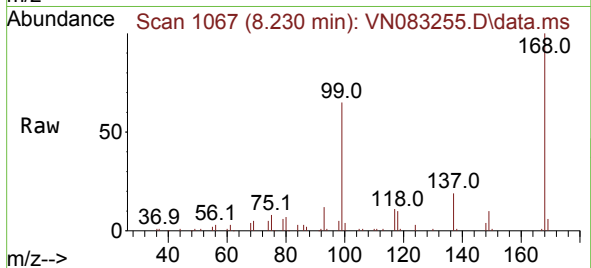




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

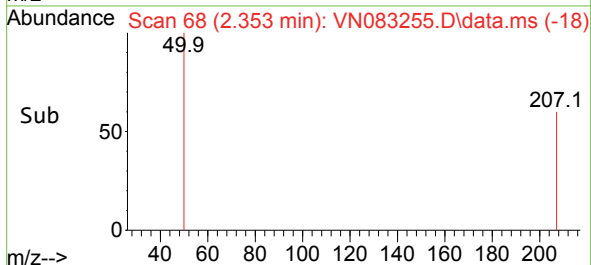
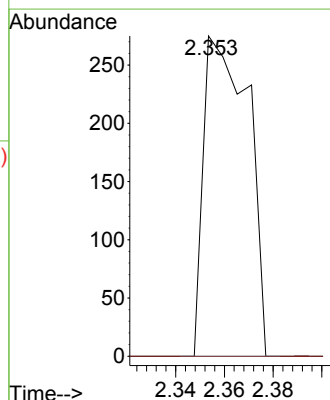
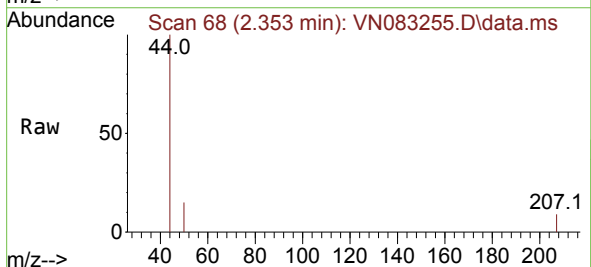
Instrument :
MSVOA_N
ClientSampleId :

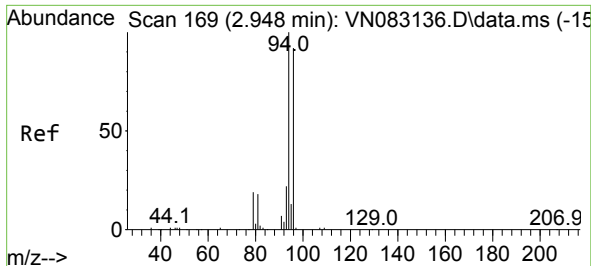
Tgt Ion:168 Resp: 129704
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#3
Chloromethane
Concen: 0.232 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

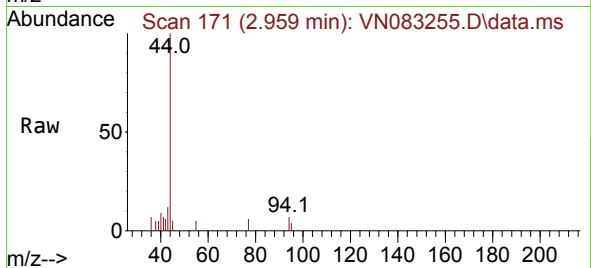
Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



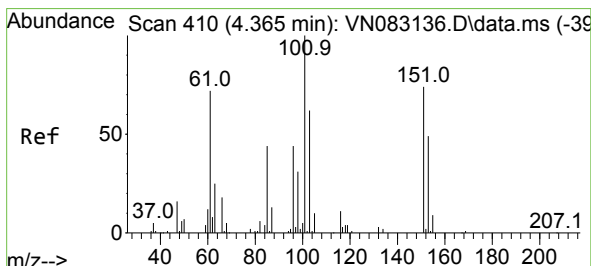
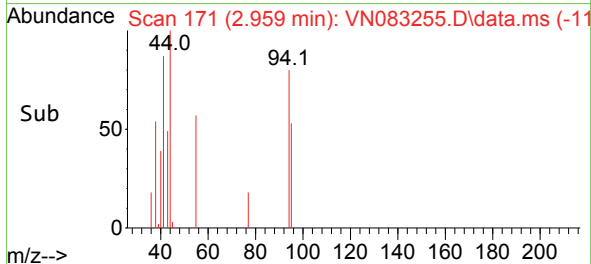
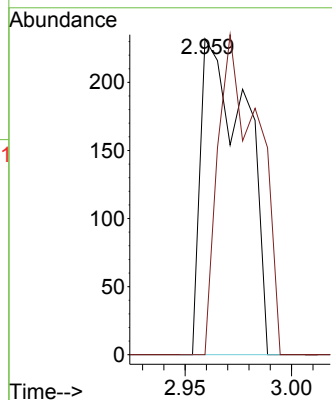


#5
Bromomethane
Concen: 0.359 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :

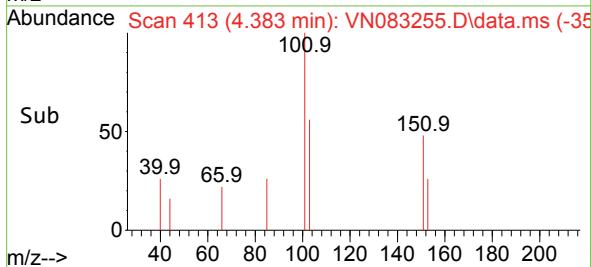
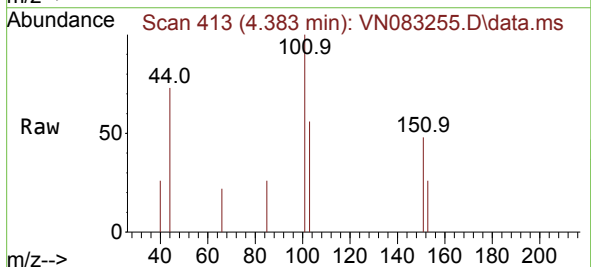
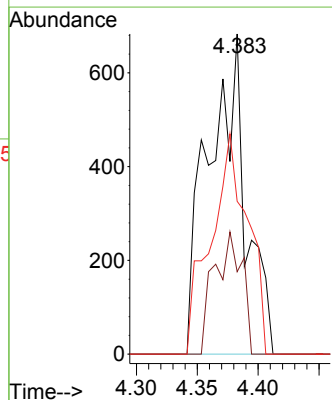


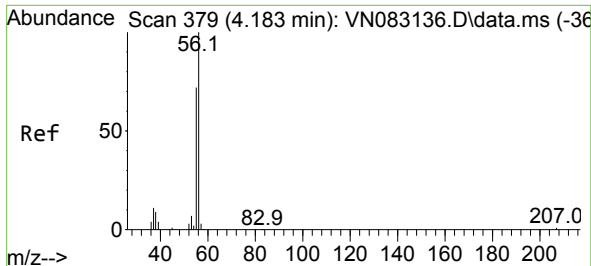
Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.039 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.018 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Tgt Ion: 101 Resp: 1454
Ion Ratio Lower Upper
101 100
85 28.4 38.3 57.5#
151 68.7 59.3 88.9

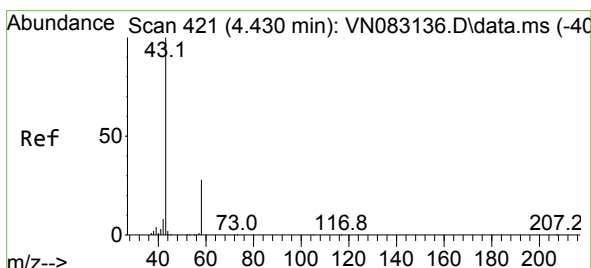
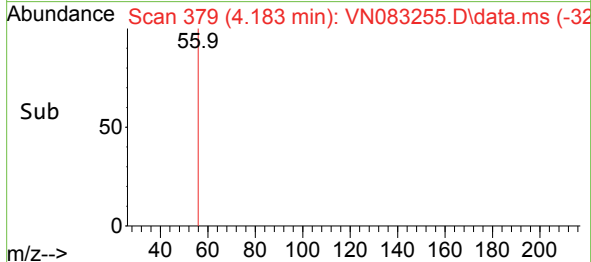
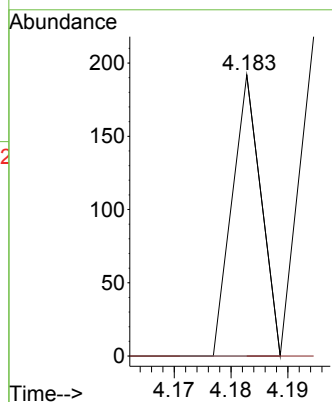
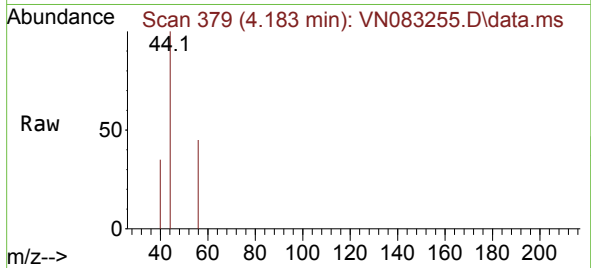




#13
Acrolein
Concen: 0.272 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

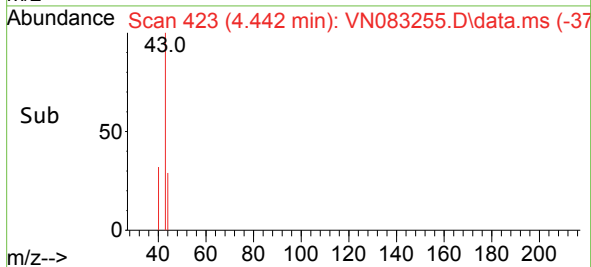
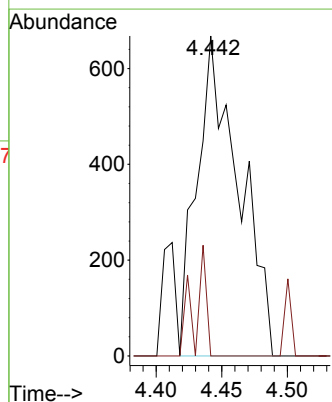
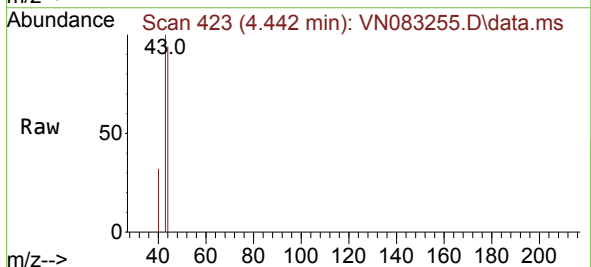
Instrument :
MSVOA_N
ClientSampleId :

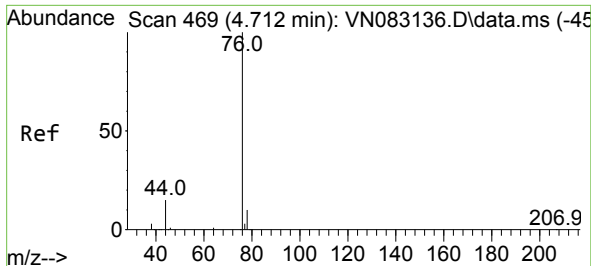
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 92.6 56.4 84.6#



#16
Acetone
Concen: 2.056 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

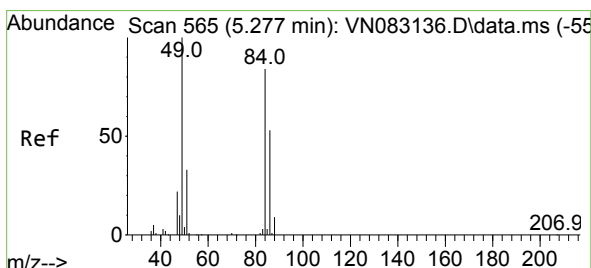
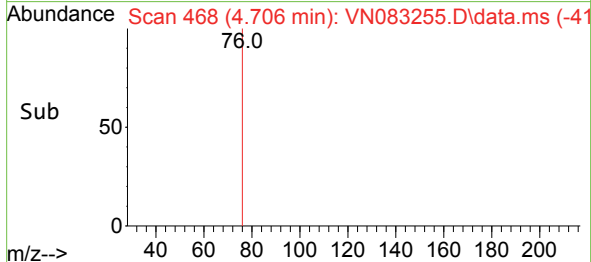
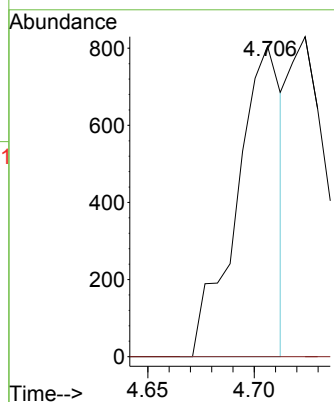
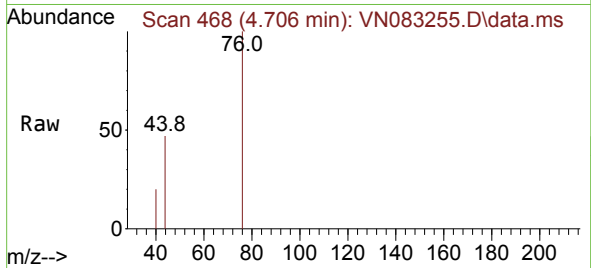




#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

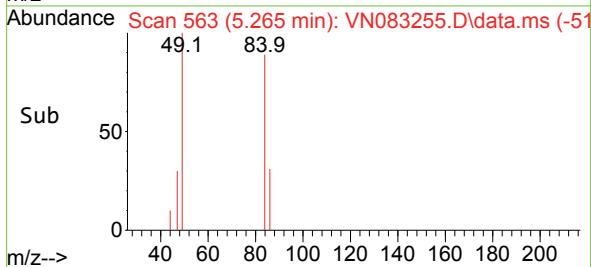
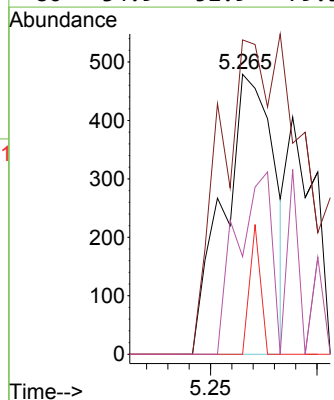
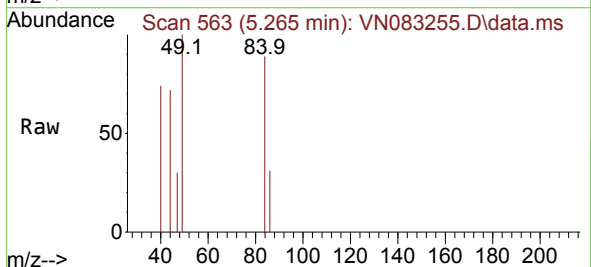
Instrument :
MSVOA_N
ClientSampleId :

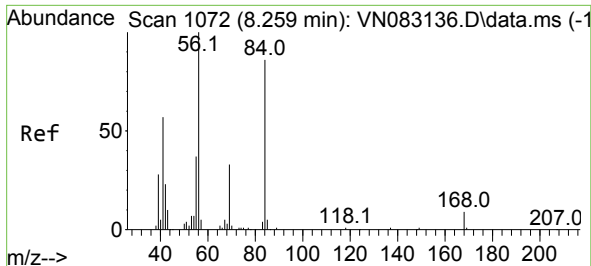
Tgt Ion: 76 Resp: 1188
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

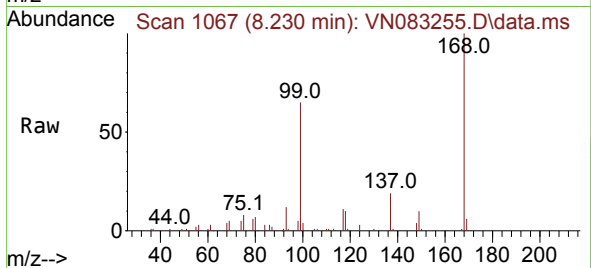
Tgt Ion: 84 Resp: 794
Ion Ratio Lower Upper
84 100
49 112.3 119.6 179.4#
51 0.0 34.8 52.2#
86 34.9 52.9 79.3#



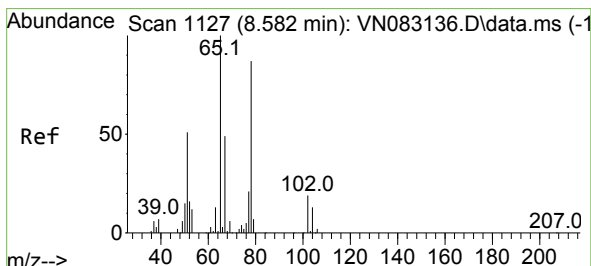
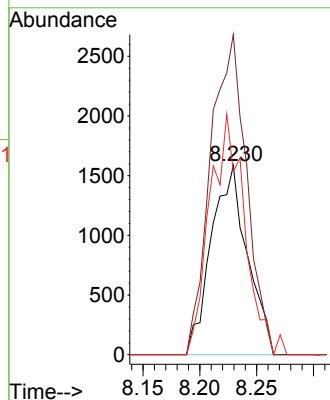
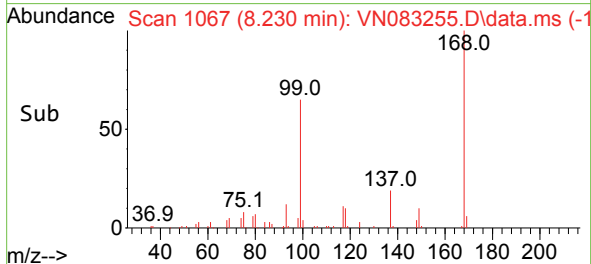


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :

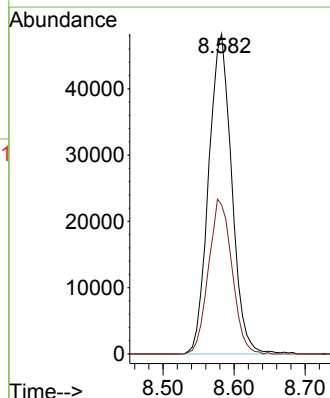
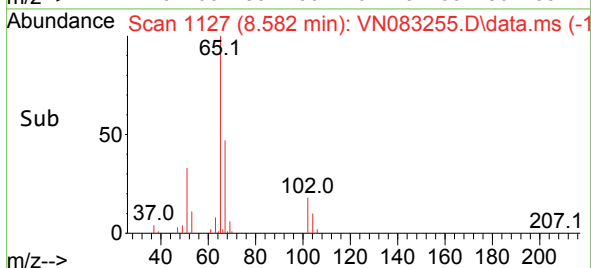
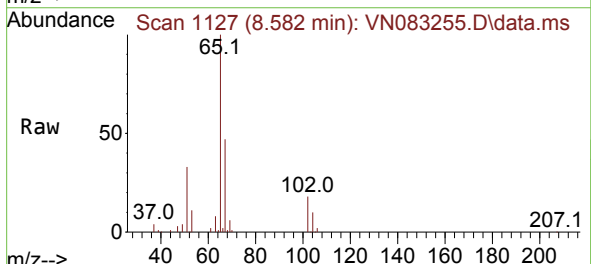


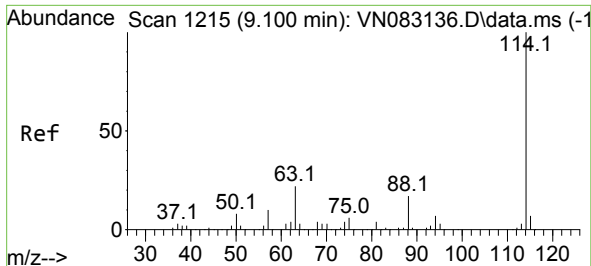
Tgt Ion: 56 Resp: 3504
Ion Ratio Lower Upper
56 100
69 169.4 24.5 36.7#
84 96.8 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 58.841 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Tgt Ion: 65 Resp: 108632
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :

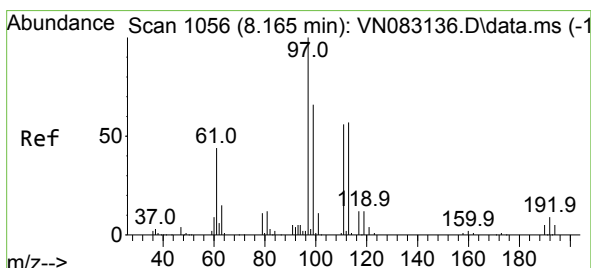
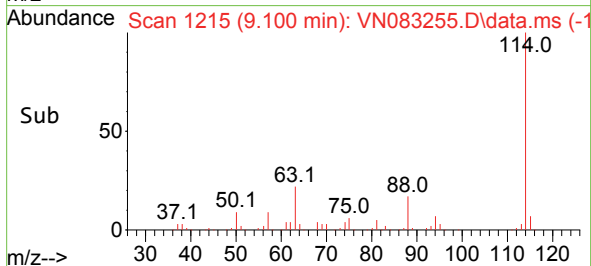
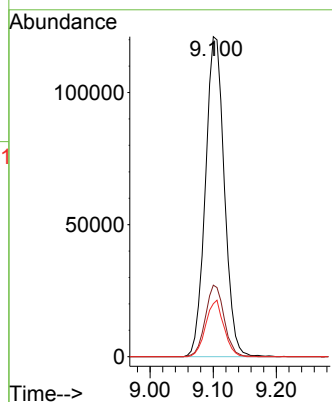
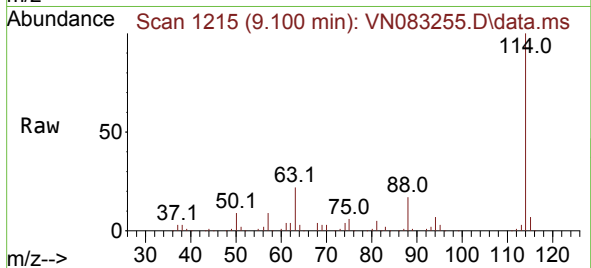
Tgt Ion:114 Resp: 251848

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.730 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

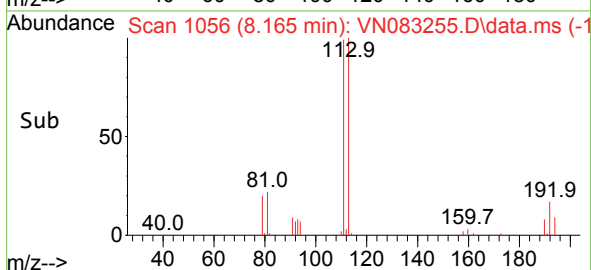
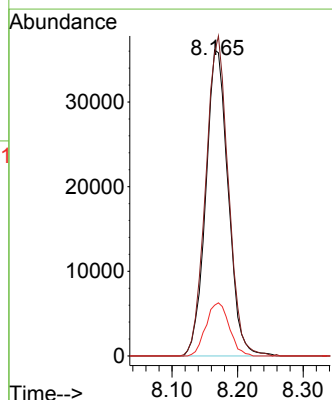
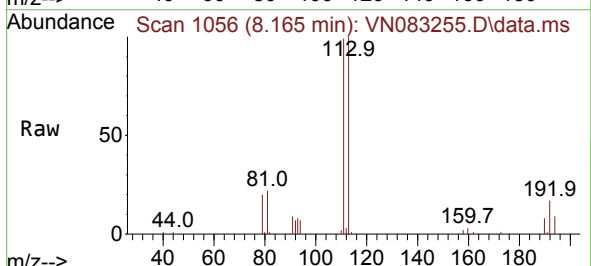
Tgt Ion:113 Resp: 86035

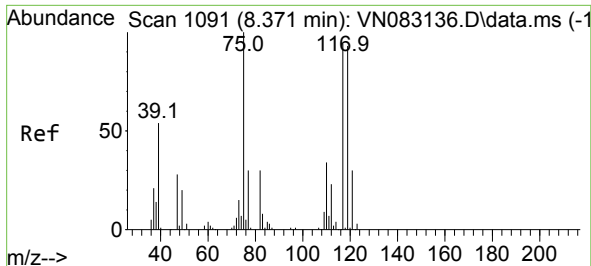
Ion Ratio Lower Upper

113 100

111 105.7 82.4 123.6

192 18.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

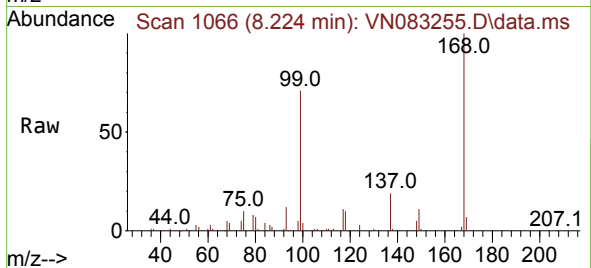
Lab File: VN083255.D

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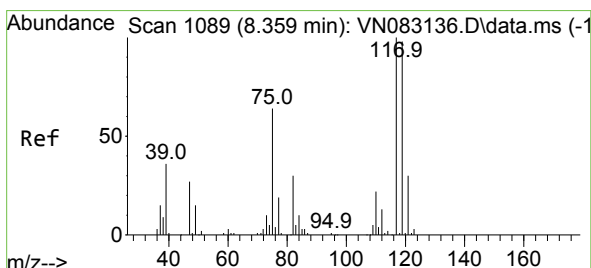
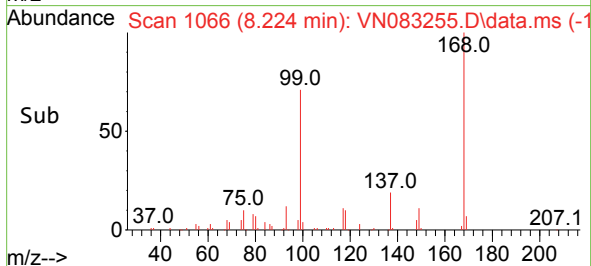
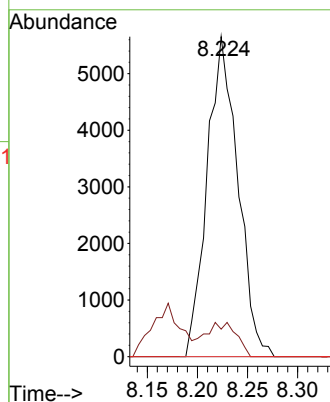
Tgt Ion: 75 Resp: 12065

Ion Ratio Lower Upper

75 100

110 10.1 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.527 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

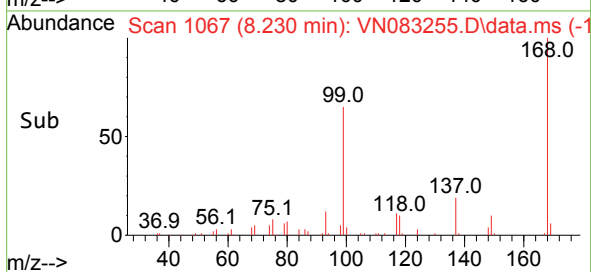
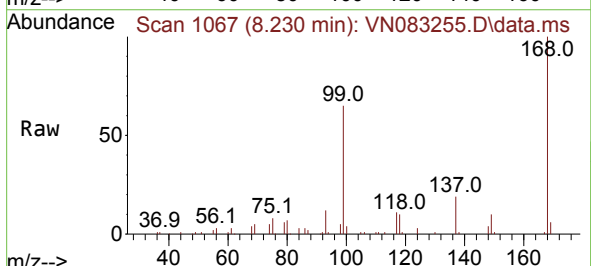
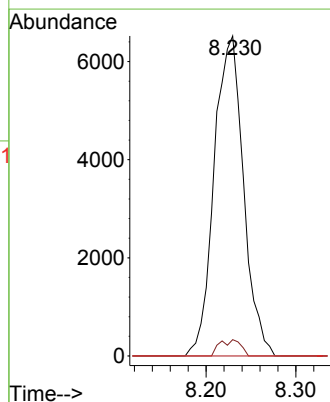
Tgt Ion: 117 Resp: 14804

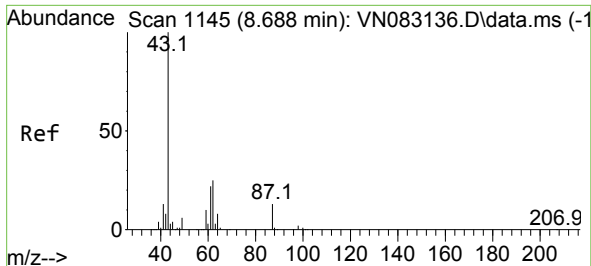
Ion Ratio Lower Upper

117 100

119 5.1 74.9 112.3#

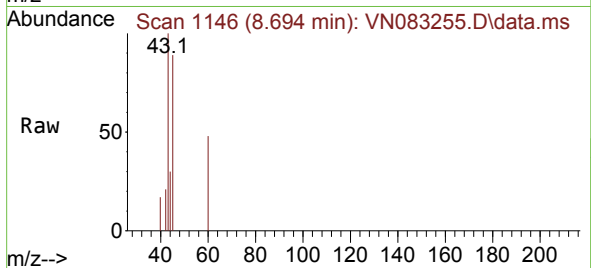
121 0.0 24.3 36.5#



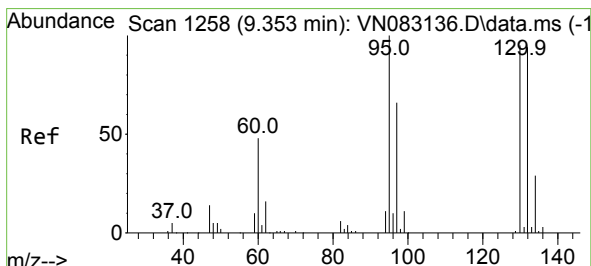
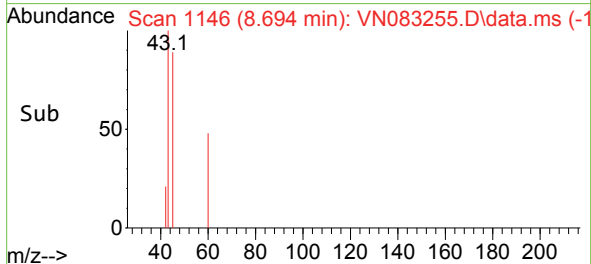
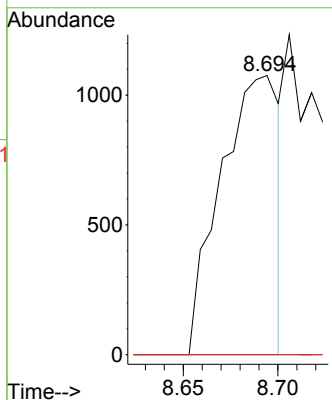


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :

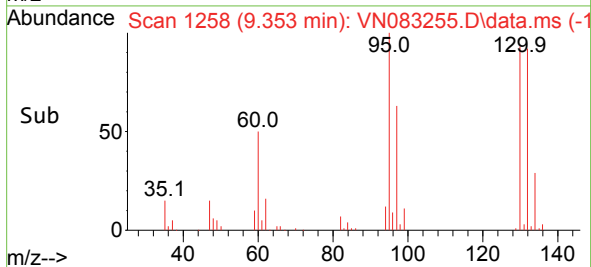
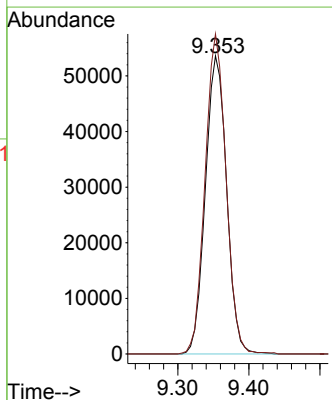
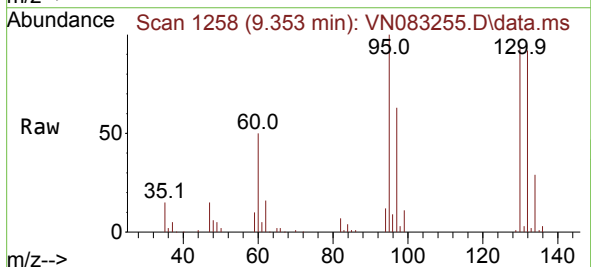


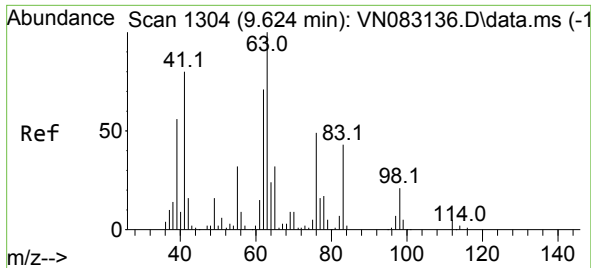
Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#44
Trichloroethene
Concen: 66.097 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Tgt Ion:130 Resp: 111449
Ion Ratio Lower Upper
130 100
95 107.3 0.0 197.8

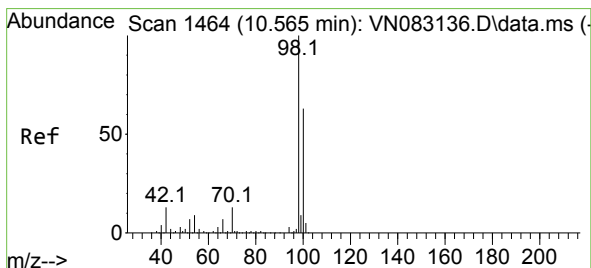
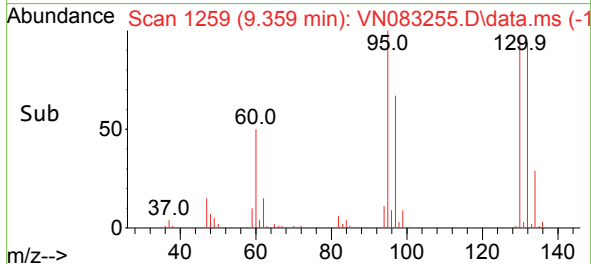
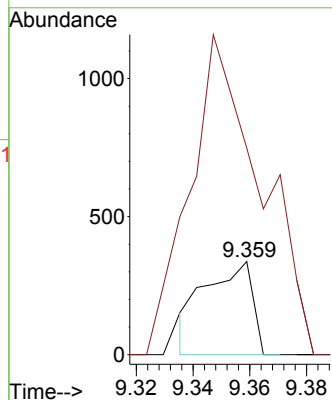
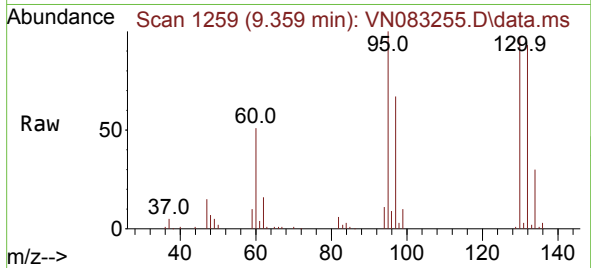




#45
1,2-Dichloropropane
Concen: 0.232 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

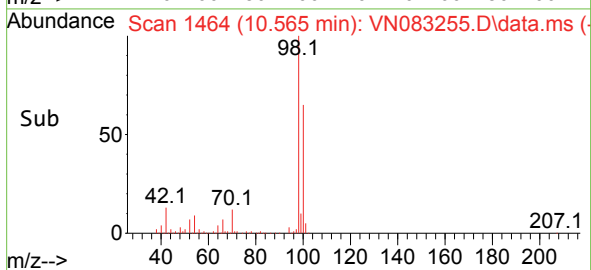
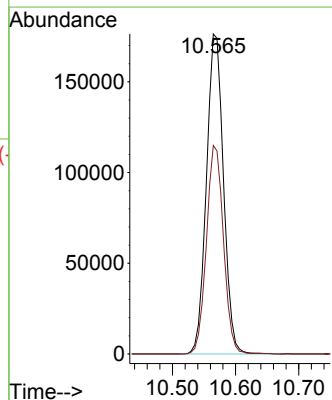
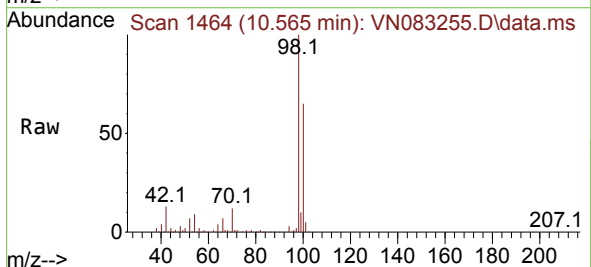
Instrument :
MSVOA_N
ClientSampleId :

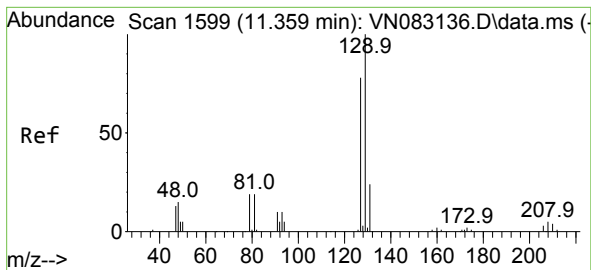
Tgt Ion: 63 Resp: 390
Ion Ratio Lower Upper
63 100
65 73.6 24.4 36.6#



#50
Toluene-d8
Concen: 56.454 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

Tgt Ion: 98 Resp: 331037
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3





#60

Dibromochloromethane

Concen: 0.440 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.259 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

Instrument :

MSVOA_N

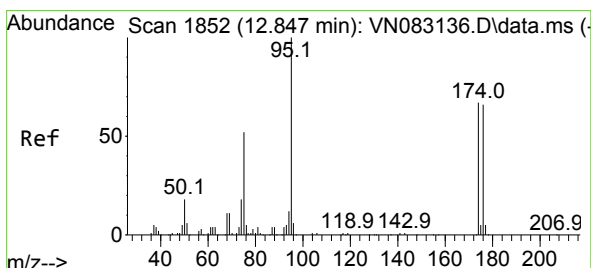
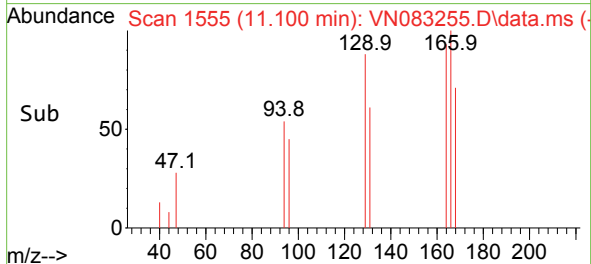
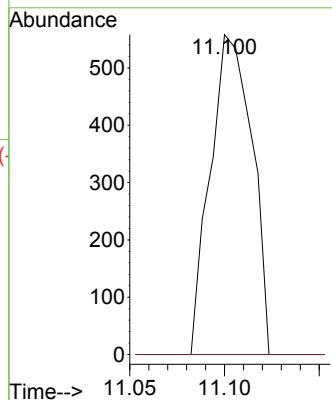
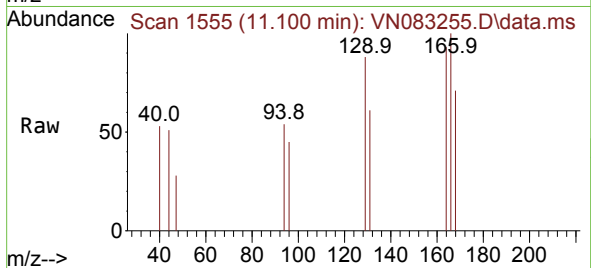
ClientSampleId :

Tgt Ion:129 Resp: 854

Ion Ratio Lower Upper

129 100

127 0.0 39.2 117.6#



#62

4-Bromofluorobenzene

Concen: 59.642 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

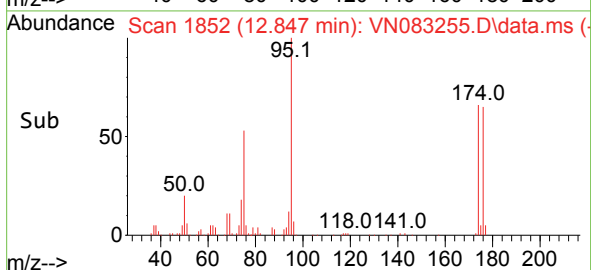
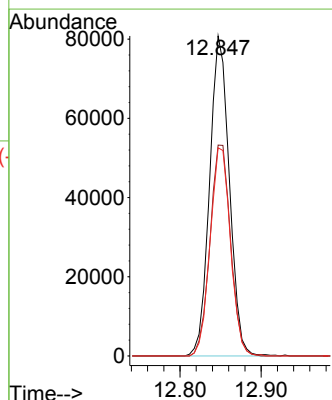
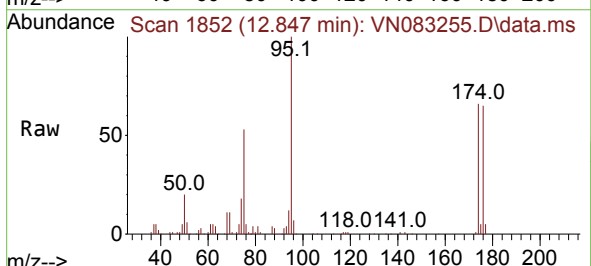
Tgt Ion: 95 Resp: 136346

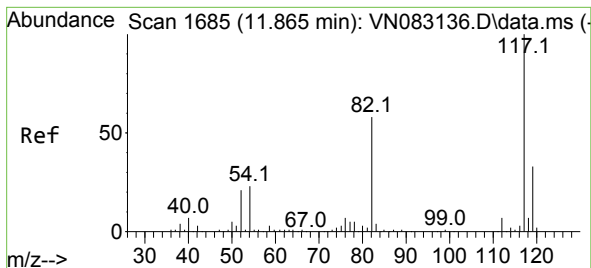
Ion Ratio Lower Upper

95 100

174 68.7 0.0 159.2

176 67.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :

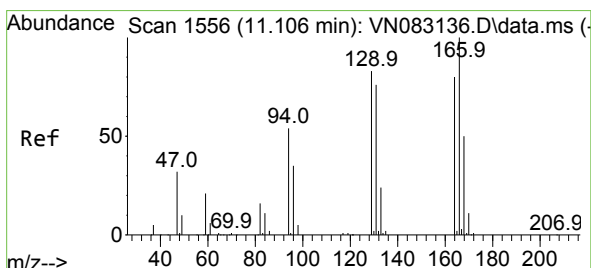
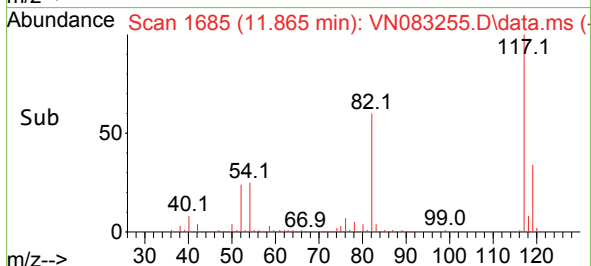
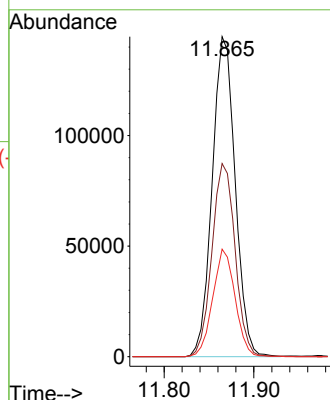
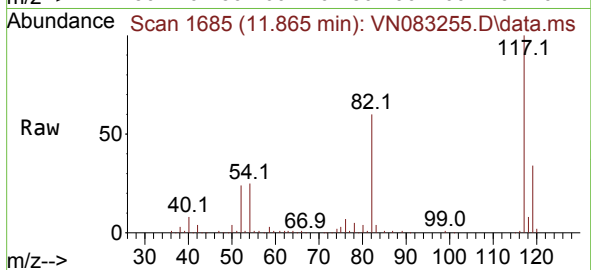
Tgt Ion:117 Resp: 257645

Ion Ratio Lower Upper

117 100

82 60.4 47.5 71.3

119 33.6 25.6 38.4



#64

Tetrachloroethene

Concen: 0.568 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

Tgt Ion:164 Resp: 969

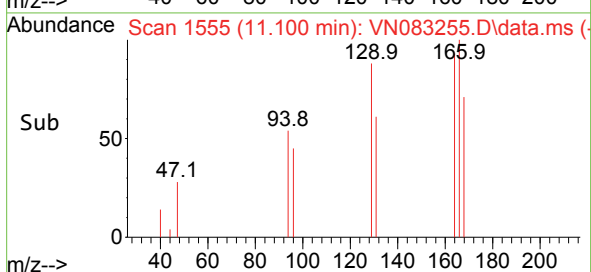
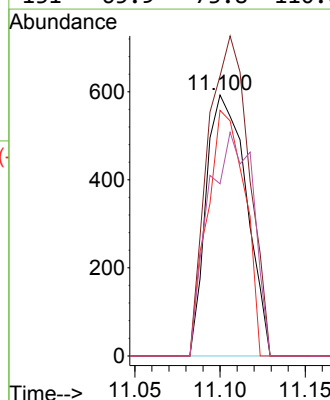
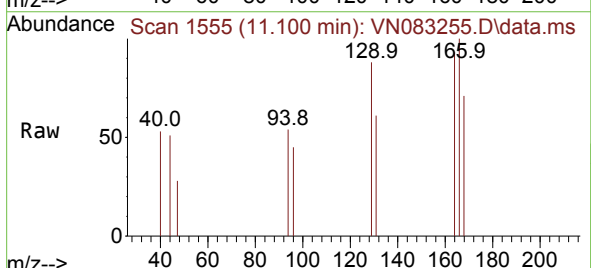
Ion Ratio Lower Upper

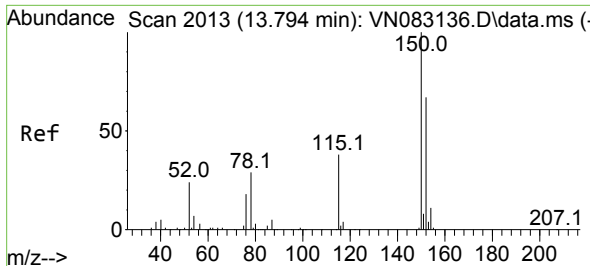
164 100

166 107.3 101.4 152.0

129 94.1 75.7 113.5

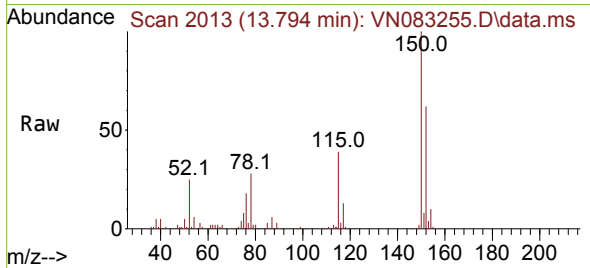
131 65.9 73.8 110.6#



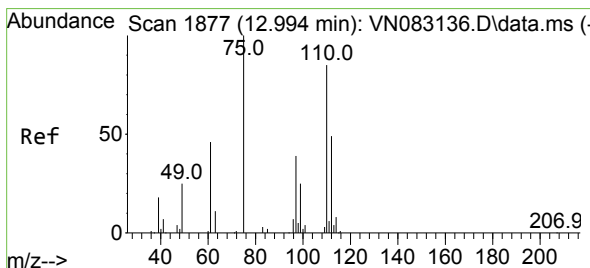
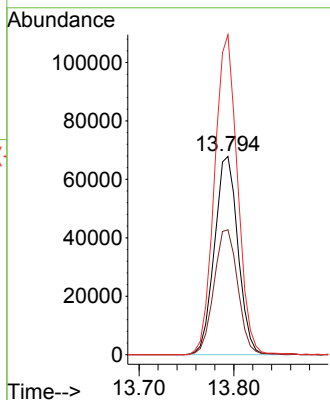
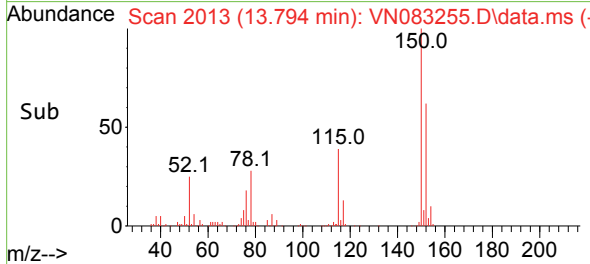


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083255.D
 Acq: 13 Aug 2024 14:07

Instrument :
 MSVOA_N
 ClientSampleId :

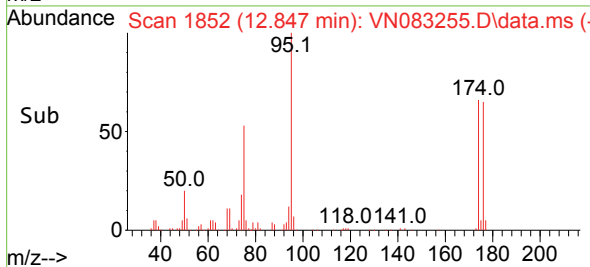
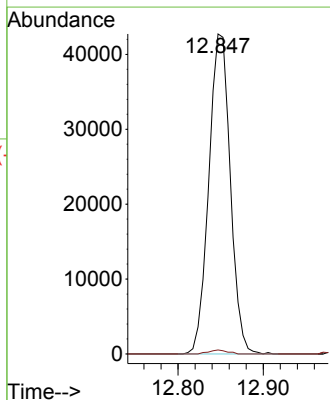
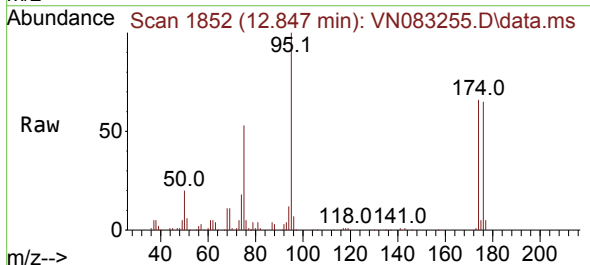


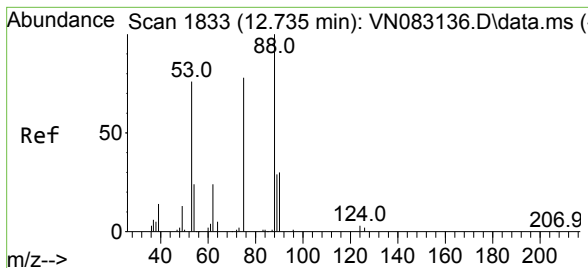
Tgt Ion:152 Resp: 117073
 Ion Ratio Lower Upper
 152 100
 115 64.2 30.6 91.6
 150 158.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.219 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083255.D
 Acq: 13 Aug 2024 14:07

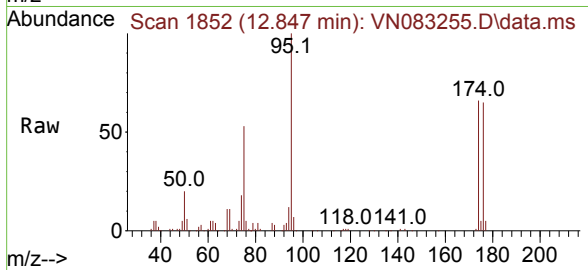
Tgt Ion: 75 Resp: 75076
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#



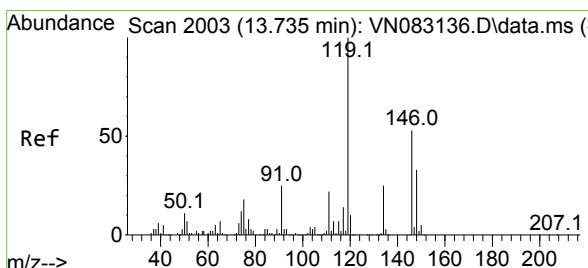
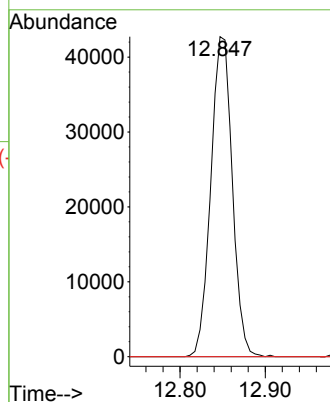
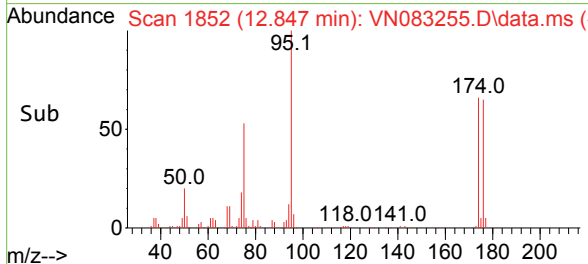


#81
trans-1,4-Dichloro-2-butene
Concen: 63.557 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07

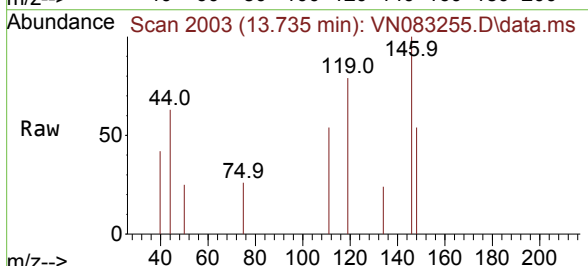
Instrument :
MSVOA_N
ClientSampleId :



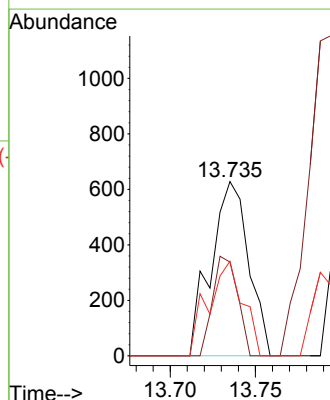
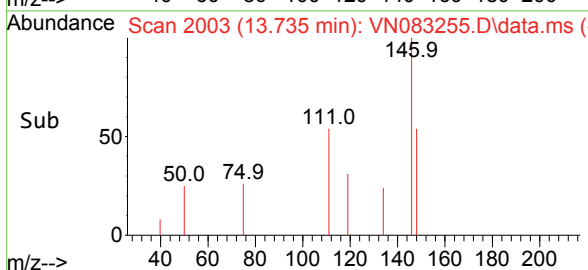
Tgt Ion: 75 Resp: 75076
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

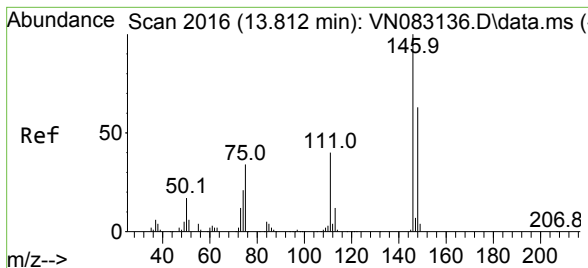


#87
1,3-Dichlorobenzene
Concen: 0.236 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN083255.D
Acq: 13 Aug 2024 14:07



Tgt Ion: 146 Resp: 967
Ion Ratio Lower Upper
146 100
111 37.7 20.6 61.9
148 49.9 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.234 ug/l

RT: 13.735 min Scan# 2016

Delta R.T. -0.076 min

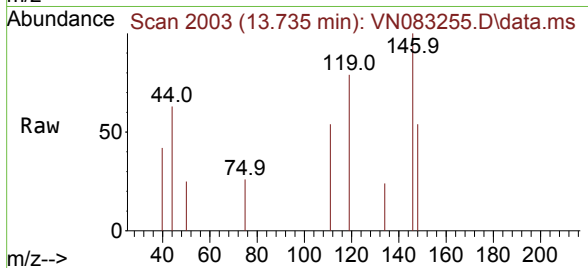
Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :



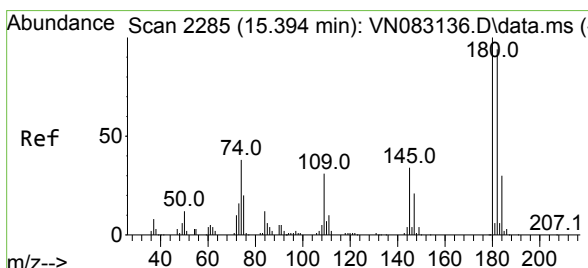
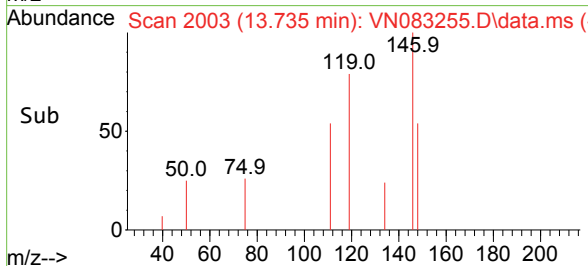
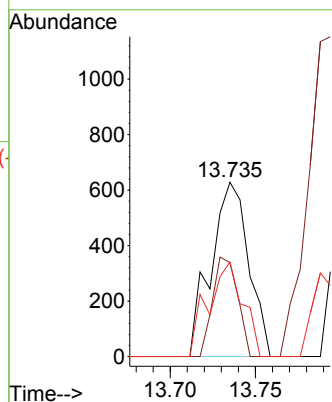
Tgt Ion:146 Resp: 967

Ion Ratio Lower Upper

146 100

111 37.7 20.1 60.3

148 49.9 32.2 96.6



#93

1,2,4-Trichlorobenzene

Concen: 0.390 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

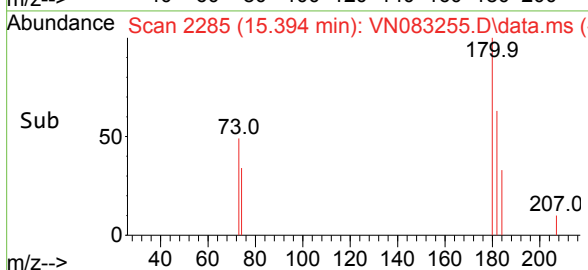
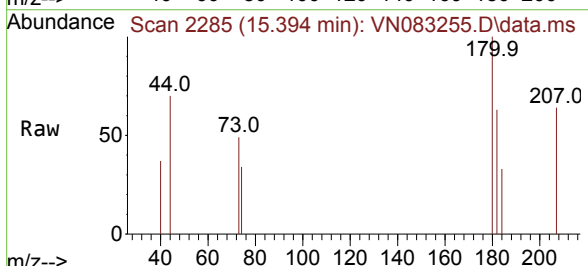
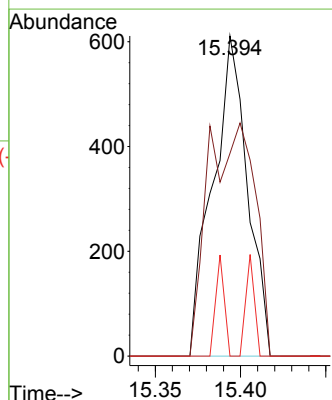
Tgt Ion:180 Resp: 866

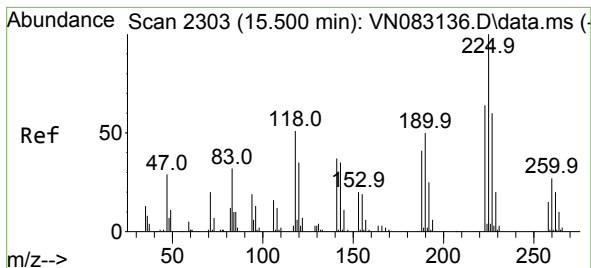
Ion Ratio Lower Upper

180 100

182 98.5 47.3 141.8

145 7.9 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 0.487 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

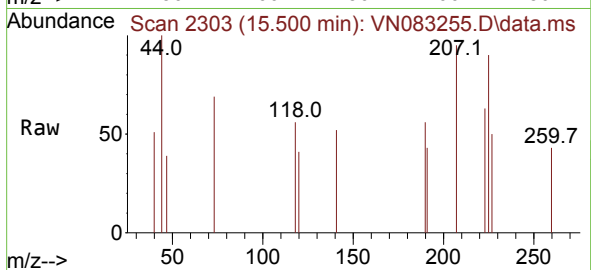
Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :



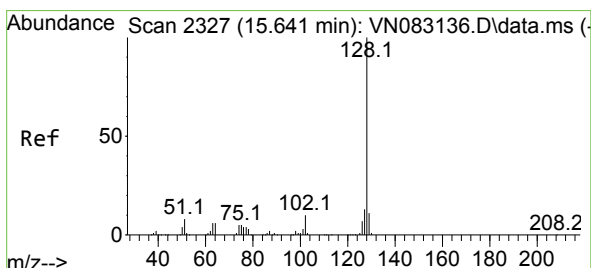
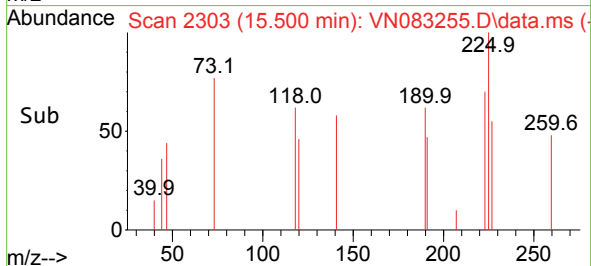
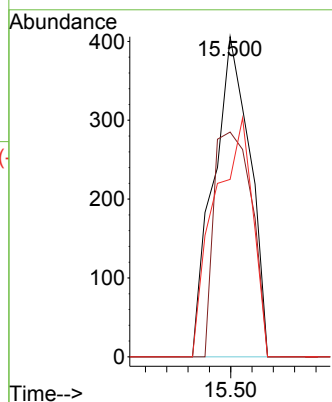
Tgt Ion:225 Resp: 481

Ion Ratio Lower Upper

225 100

223 73.4 31.9 95.7

227 78.0 32.5 97.5



#95

Naphthalene

Concen: 0.468 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

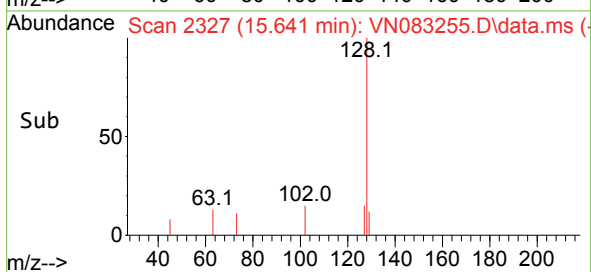
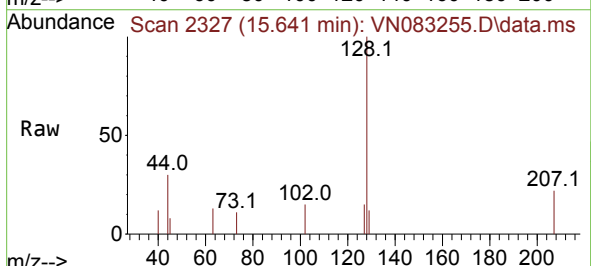
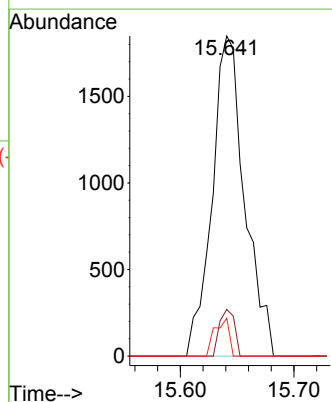
Tgt Ion:128 Resp: 3677

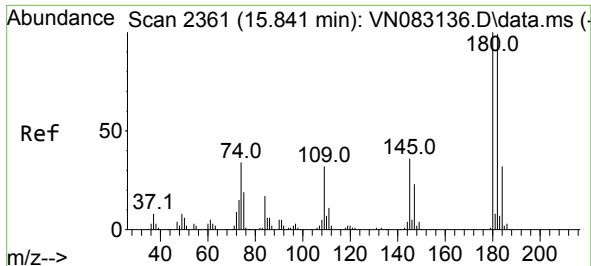
Ion Ratio Lower Upper

128 100

127 6.7 10.6 16.0#

129 5.2 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.470 ug/l

RT: 15.829 min Scan# 21

Delta R.T. -0.012 min

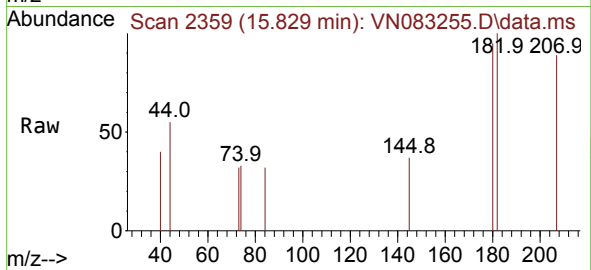
Lab File: VN083255.D

Acq: 13 Aug 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1032

Ion Ratio Lower Upper

180 100

182 88.9 48.9 146.8

145 38.4 16.8 50.4

