

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081378.D
 Acq On : 12 Mar 2024 17:26
 Operator : JC\MD
 Sample : P1734-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1343

Quant Time: Mar 13 04:54:52 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)

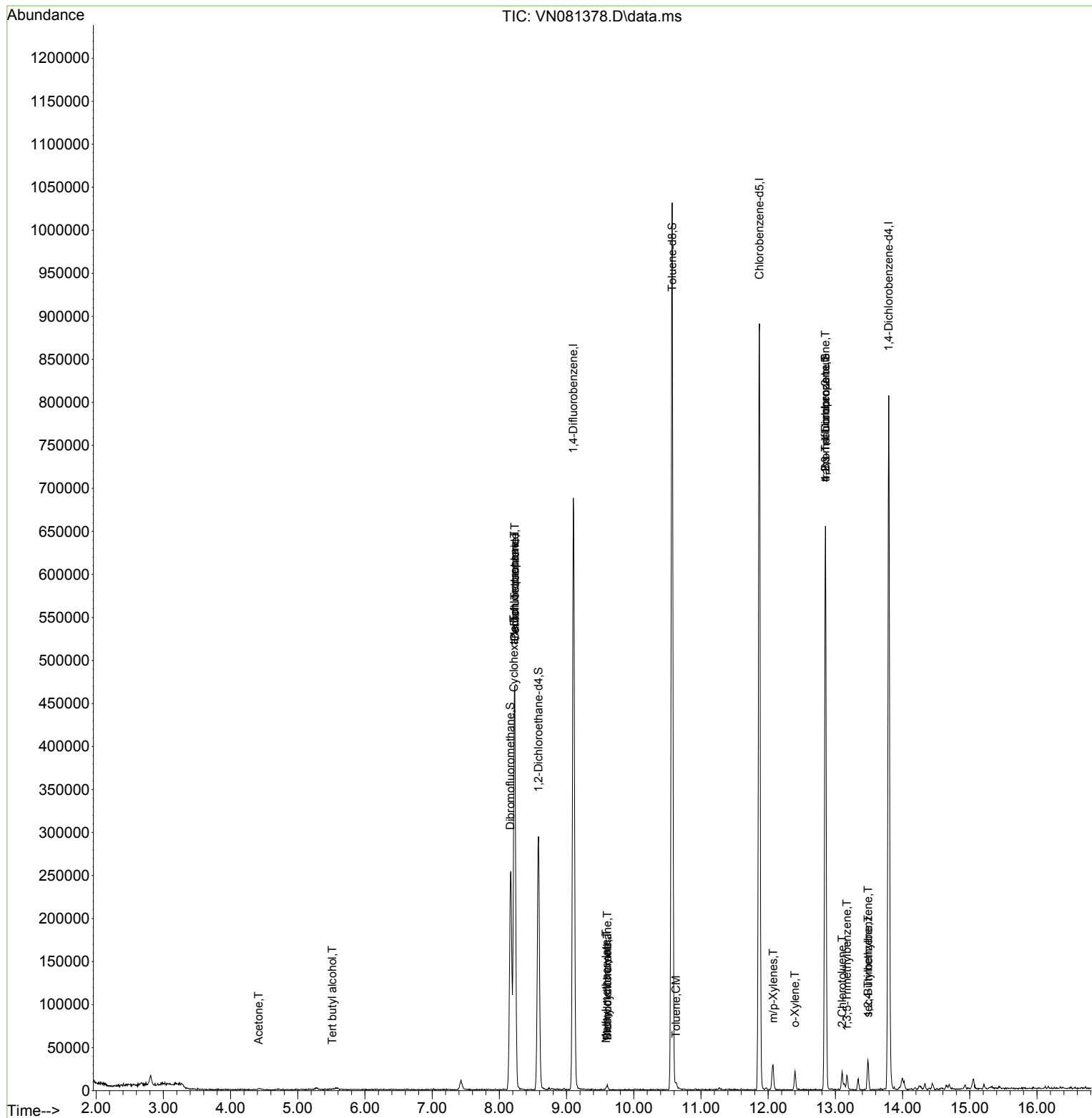
Internal Standards						
1) Pentafluorobenzene	8.230	168	317473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	581775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	497062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	237305	51.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.165	113	184885	51.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	10.571	98	683480	51.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.853	95	221354	47.003	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.000%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.512	59	248	0.309	ug/l #	72
16) Acetone	4.418	43	1270	0.781	ug/l #	76
20) Methylene Chloride	5.289	84	1086	Below Cal	#	50
31) Cyclohexane	8.218	56	9020	1.298	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	31021	5.395	ug/l #	51
38) Carbon Tetrachloride	8.230	117	35162	6.076	ug/l #	17
39) Methylcyclohexane	9.606	83	2294	0.347	ug/l #	71
47) Bromodichloromethane	9.606	83	1670	0.283	ug/l #	23
48) Methyl methacrylate	9.588	41	1005	0.231	ug/l #	25
52) Toluene	10.629	92	2254	0.217	ug/l #	69
68) m/p-Xylenes	12.076	106	8278	1.166	ug/l	87
69) o-Xylene	12.400	106	4992	0.725	ug/l	95
76) 1,2,3-Trichloropropane	12.853	75	119219	24.918	ug/l #	1
79) 2-Chlorotoluene	13.100	91	3061	0.259	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.170	105	7720	0.571	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	119219	69.542	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.488	105	17953	1.311	ug/l	94
85) sec-Butylbenzene	13.488	105	17953	1.071	ug/l #	60

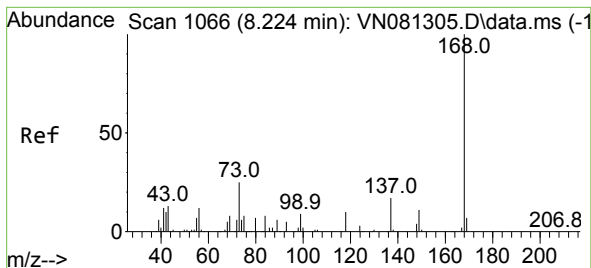
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
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Sample : P1734-08 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1343

Quant Time: Mar 13 04:54:52 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# 1

Delta R.T. 0.006 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

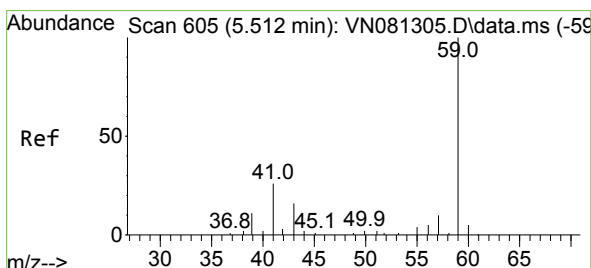
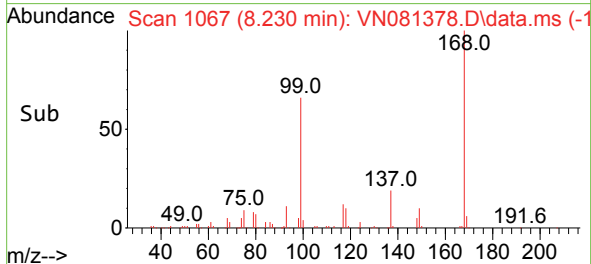
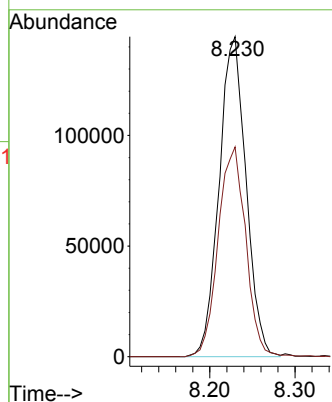
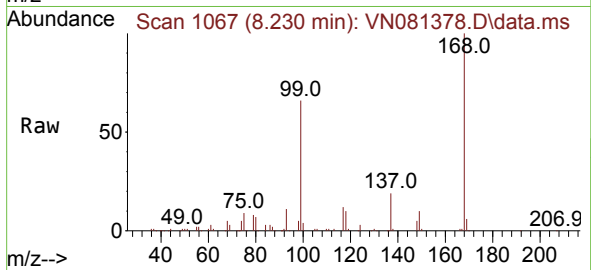
1343

Tgt Ion:168 Resp: 317473

Ion Ratio Lower Upper

168 100

99 65.6 59.9 89.9



#11

Tert butyl alcohol

Concen: 0.309 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN081378.D

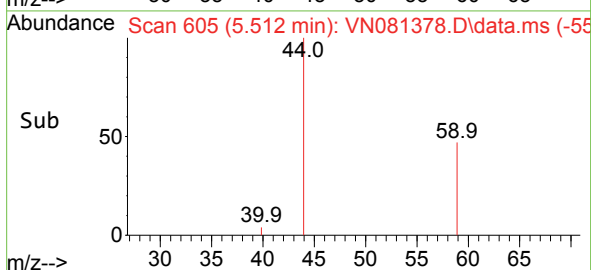
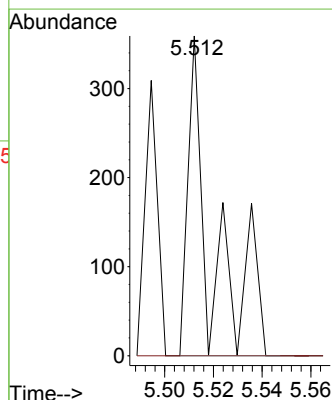
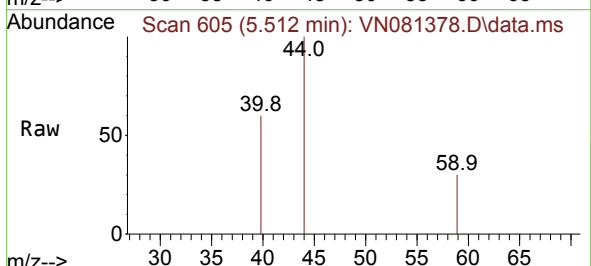
Acq: 12 Mar 2024 17:26

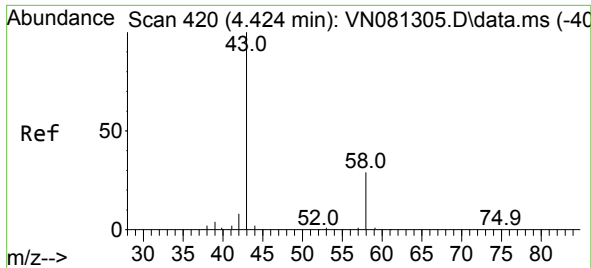
Tgt Ion: 59 Resp: 248

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#

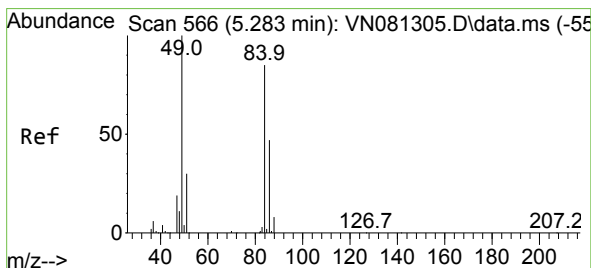
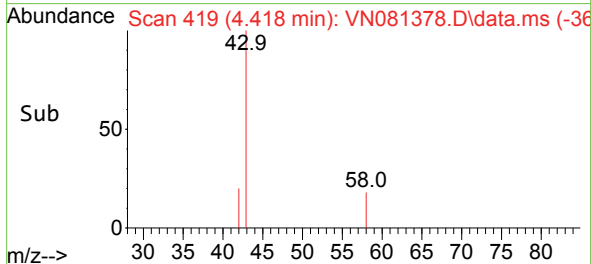
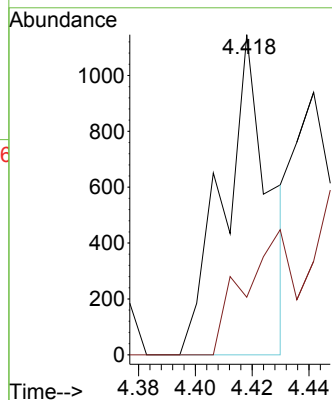
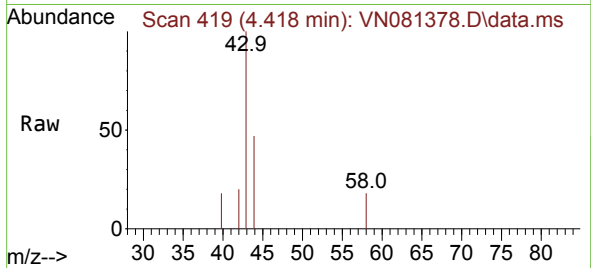




#16
Acetone
Concen: 0.781 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

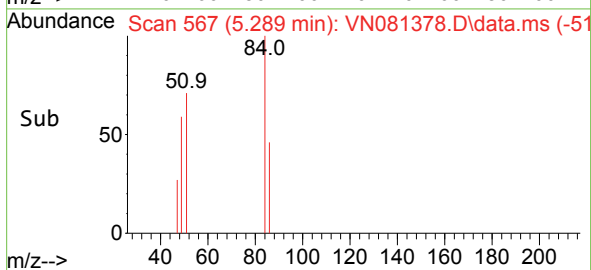
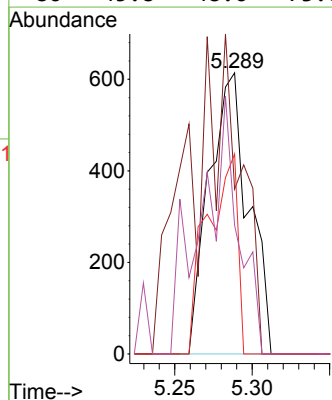
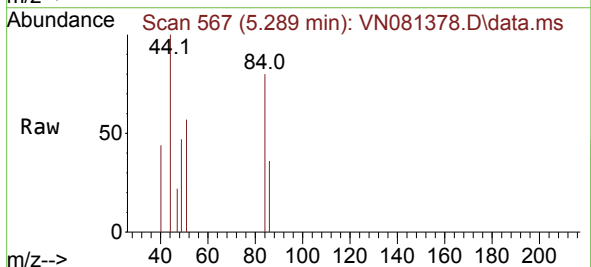
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ClientSampleId :
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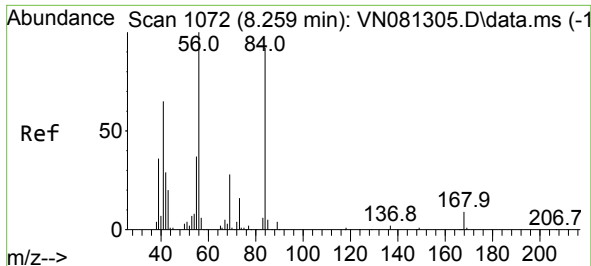
Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
58 18.0 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Tgt Ion: 84 Resp: 1086
Ion Ratio Lower Upper
84 100
49 58.6 108.1 162.1#
51 71.2 32.9 49.3#
86 45.8 48.6 73.0#

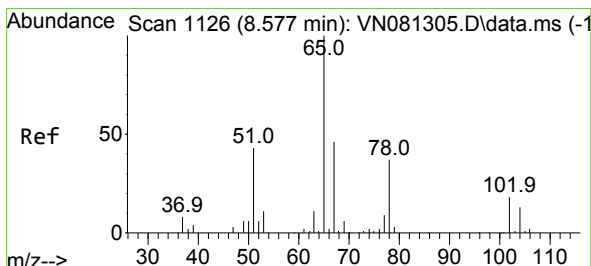
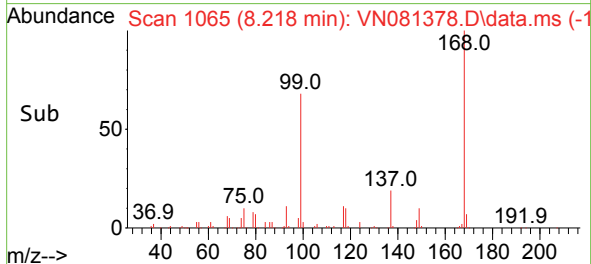
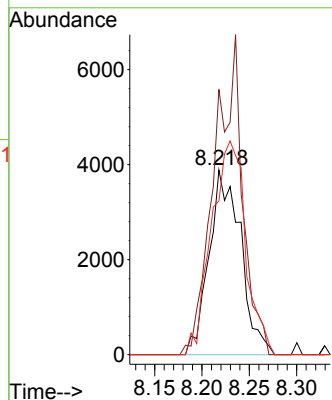
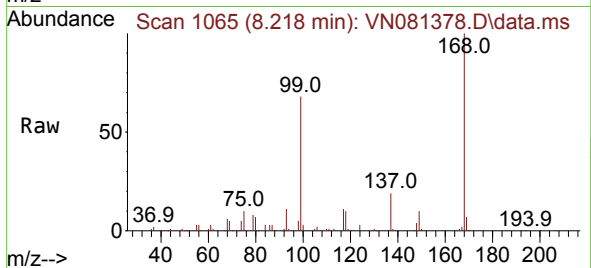




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

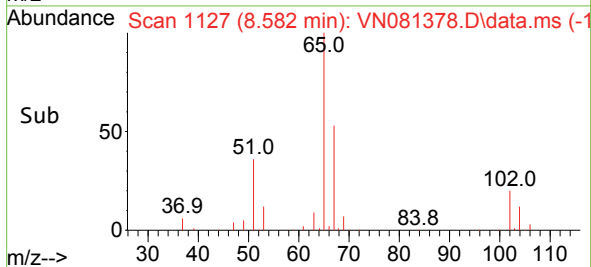
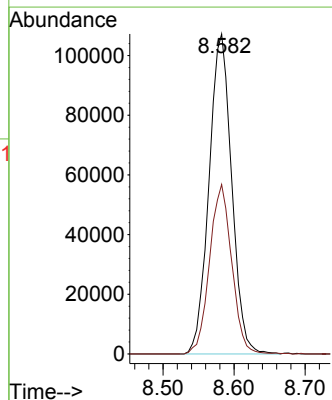
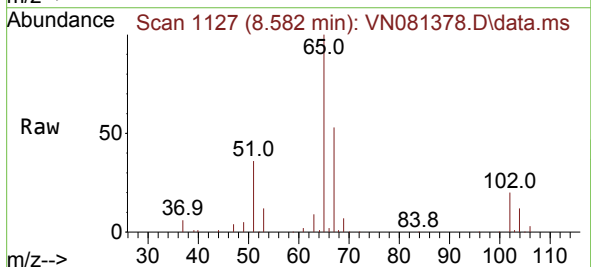
Instrument :
MSVOA_N
ClientSampleId :
1343

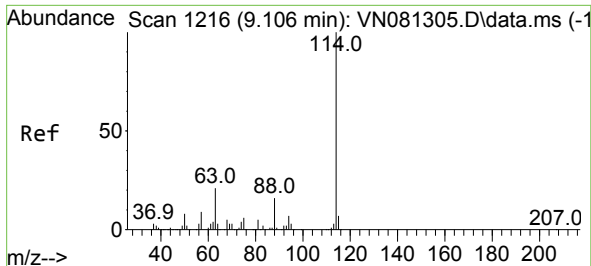
Tgt Ion: 56 Resp: 9020
Ion Ratio Lower Upper
56 100
69 143.7 20.1 30.1#
84 83.3 56.9 85.3



#33
1,2-Dichloroethane-d4
Concen: 51.697 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Tgt Ion: 65 Resp: 237305
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

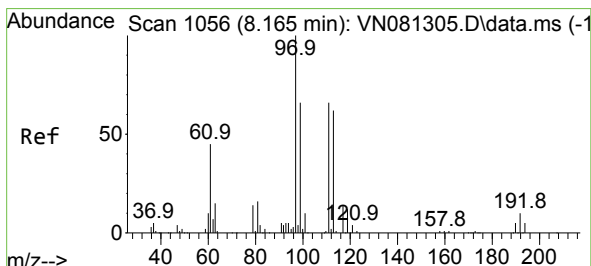
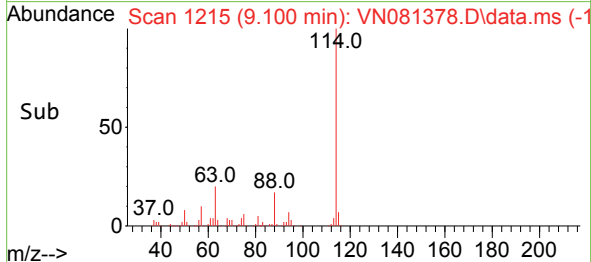
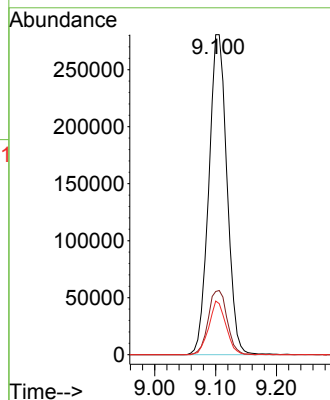
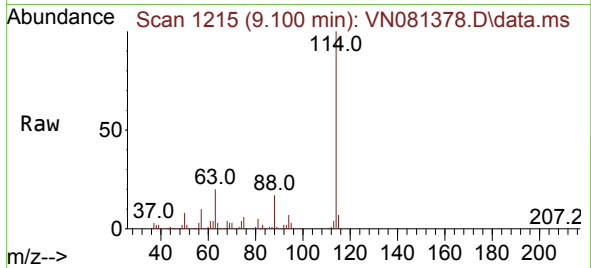




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.006 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

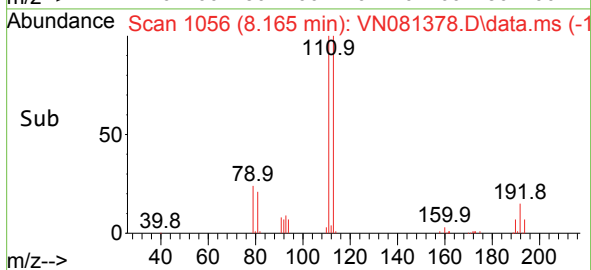
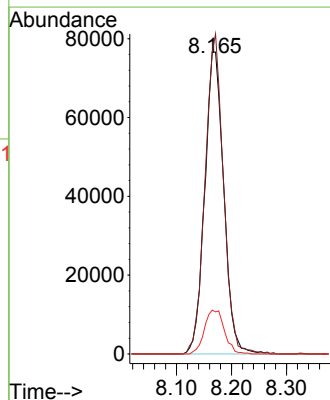
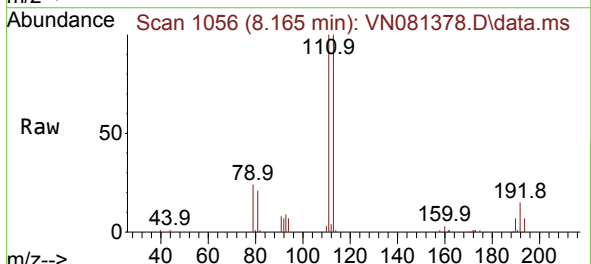
Instrument :
MSVOA_N
ClientSampleId :
1343

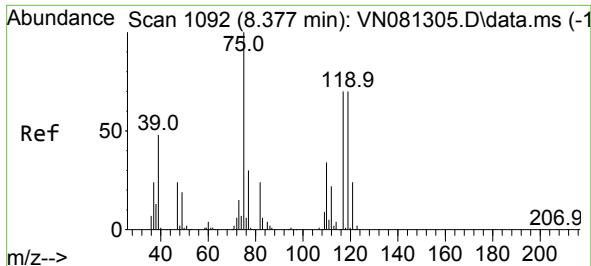
Tgt Ion:114 Resp: 581775
Ion Ratio Lower Upper
114 100
63 19.8 0.0 48.0
88 16.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.871 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Tgt Ion:113 Resp: 184885
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 15.2 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.395 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

1343

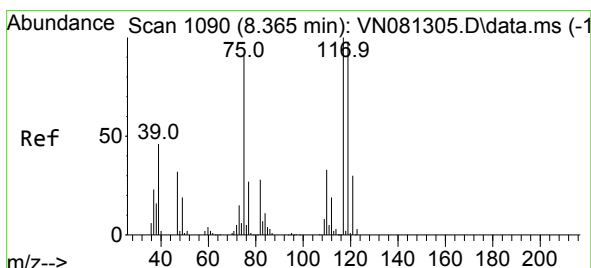
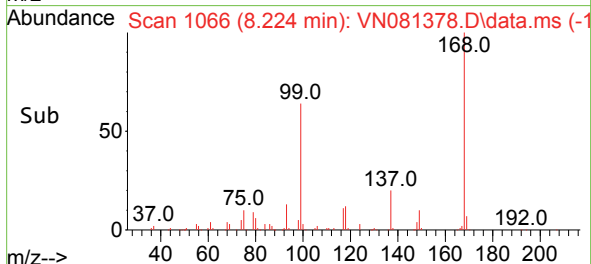
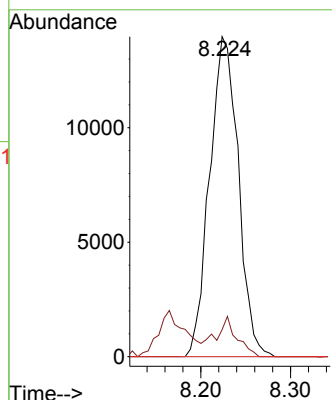
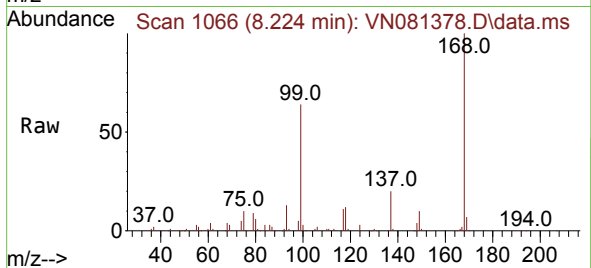
Tgt Ion: 75 Resp: 31021

Ion Ratio Lower Upper

75 100

110 9.4 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.076 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

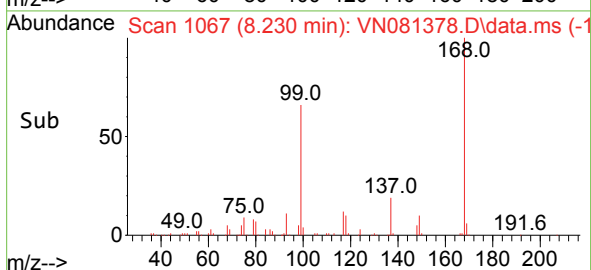
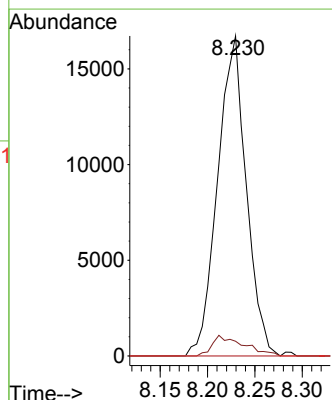
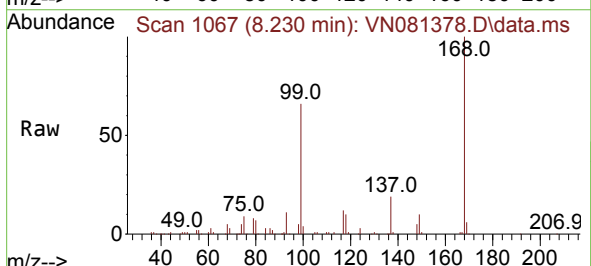
Tgt Ion: 117 Resp: 35162

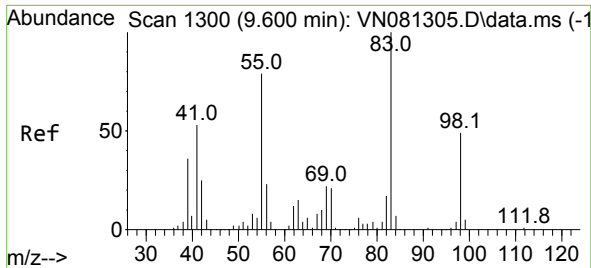
Ion Ratio Lower Upper

117 100

119 4.6 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.347 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

1343

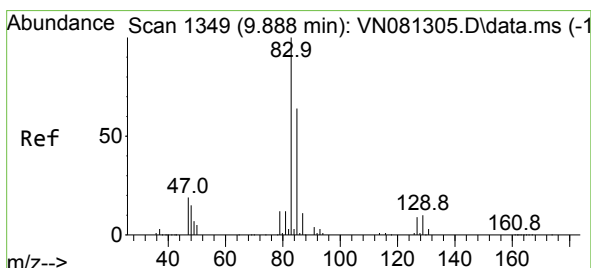
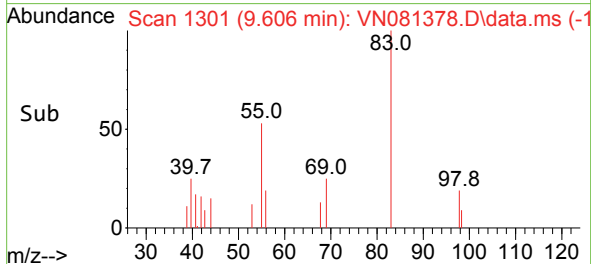
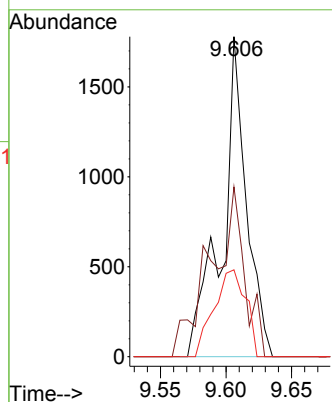
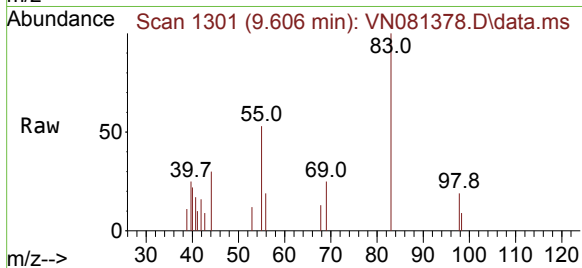
Tgt Ion: 83 Resp: 2294

Ion Ratio Lower Upper

83 100

55 53.1 65.7 98.5#

98 27.2 33.8 50.6#



#47

Bromodichloromethane

Concen: 0.283 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.282 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

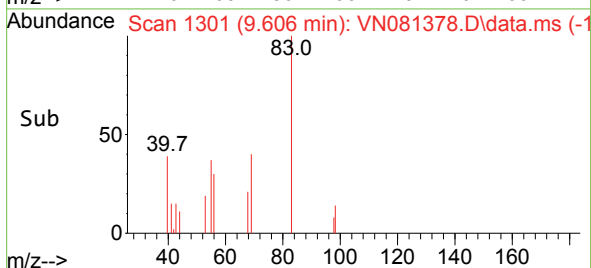
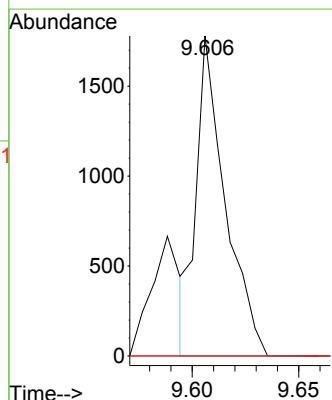
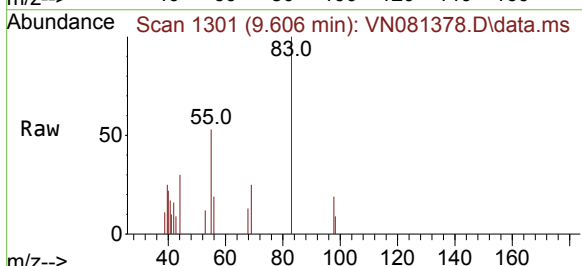
Tgt Ion: 83 Resp: 1670

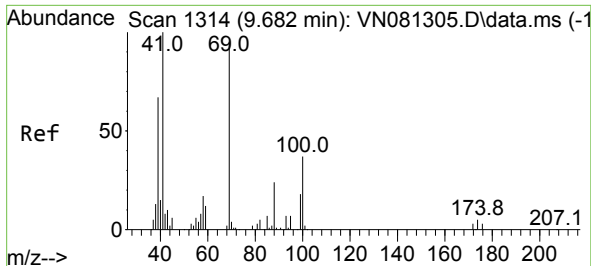
Ion Ratio Lower Upper

83 100

85 0.0 52.3 78.5#

127 0.0 4.6 7.0#

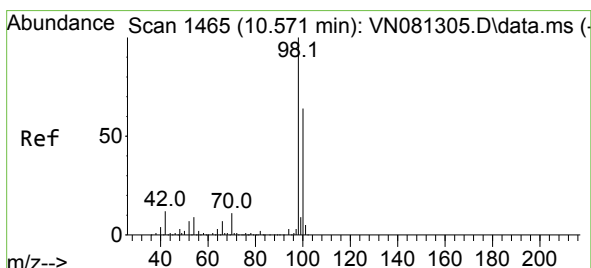
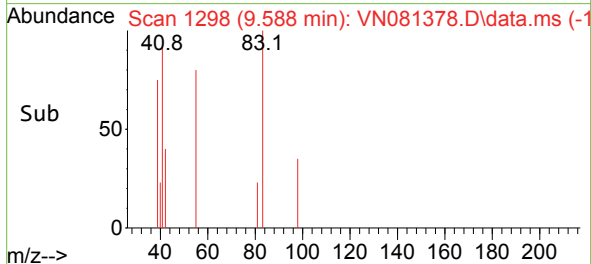
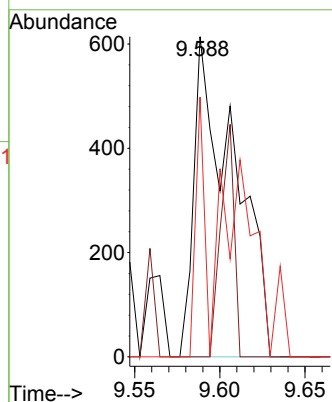
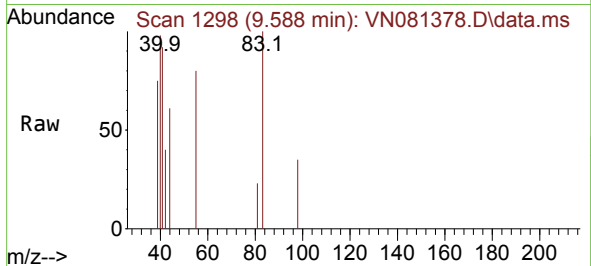




#48
Methyl methacrylate
Concen: 0.231 ug/l
RT: 9.588 min Scan# 11
Delta R.T. -0.094 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

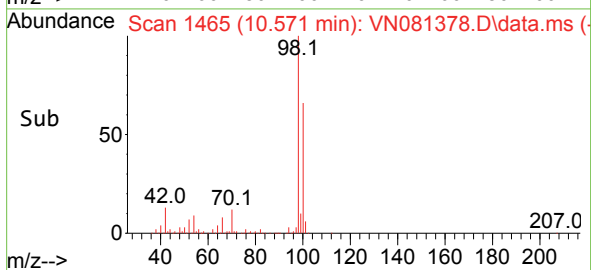
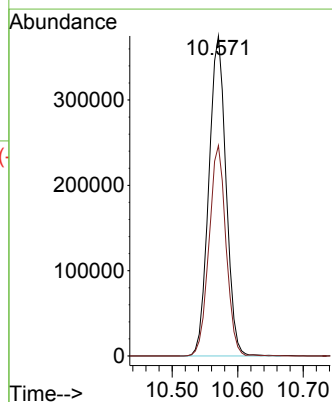
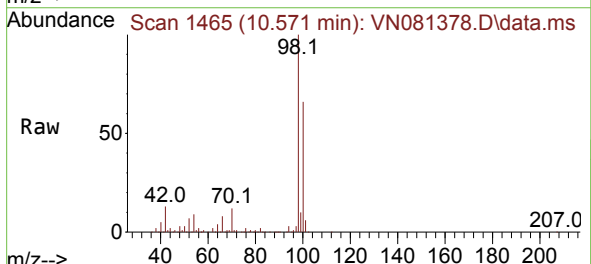
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1343

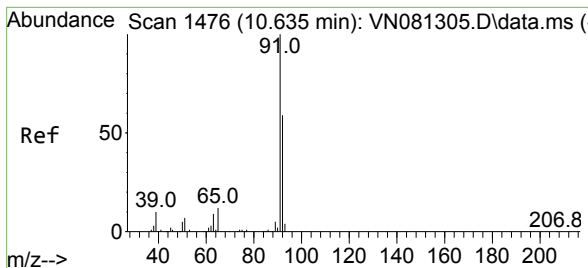
Tgt Ion: 41 Resp: 1005
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 17.5 47.6 71.4#



#50
Toluene-d8
Concen: 51.296 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Tgt Ion: 98 Resp: 683480
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0





#52

Toluene

Concen: 0.217 ug/l

RT: 10.629 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

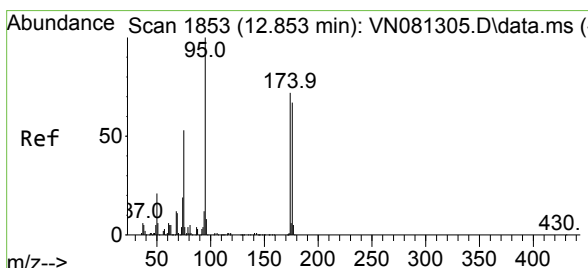
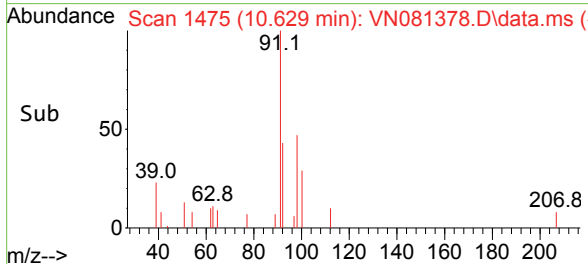
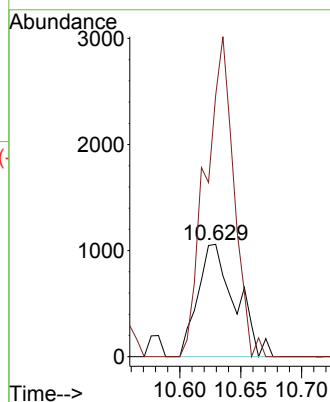
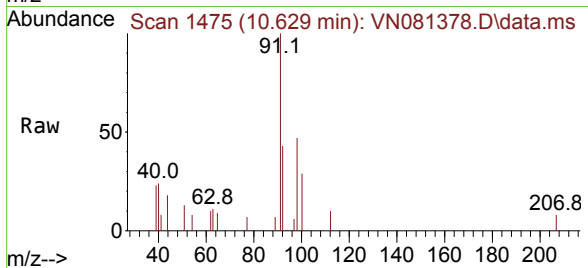
1343

Tgt Ion: 92 Resp: 2254

Ion Ratio Lower Upper

92 100

91 217.0 139.4 209.0#



#62

4-Bromofluorobenzene

Concen: 47.003 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

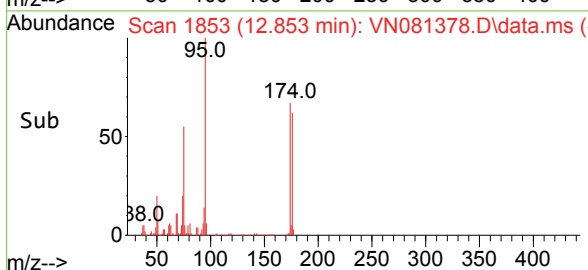
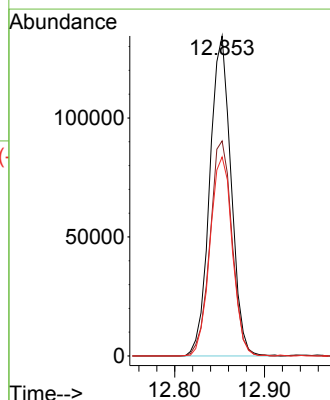
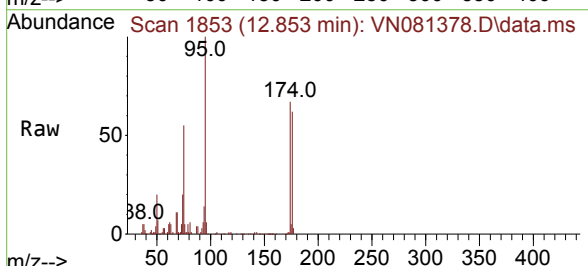
Tgt Ion: 95 Resp: 221354

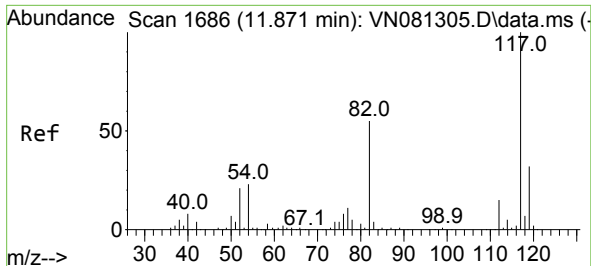
Ion Ratio Lower Upper

95 100

174 69.8 0.0 120.4

176 65.2 0.0 121.0

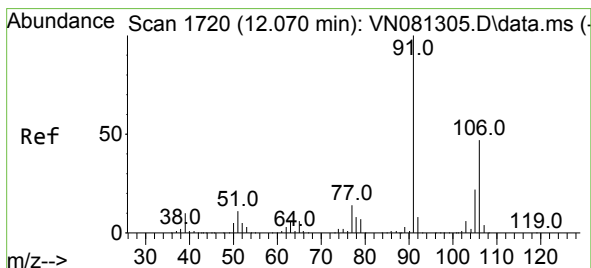
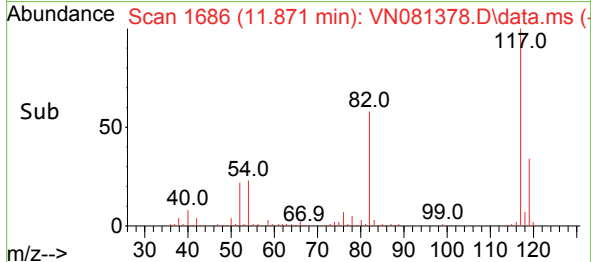
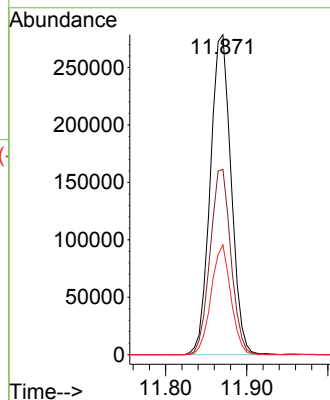
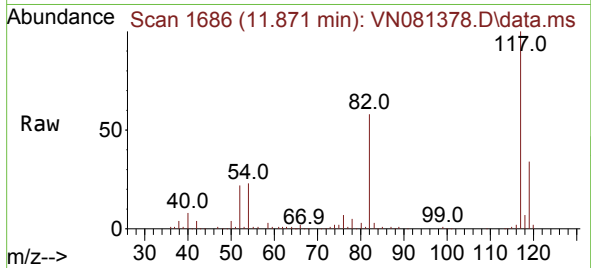




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

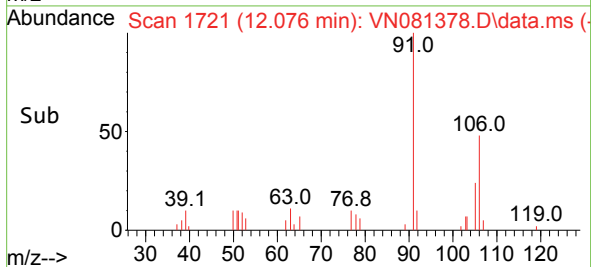
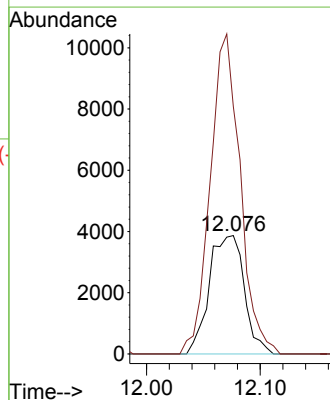
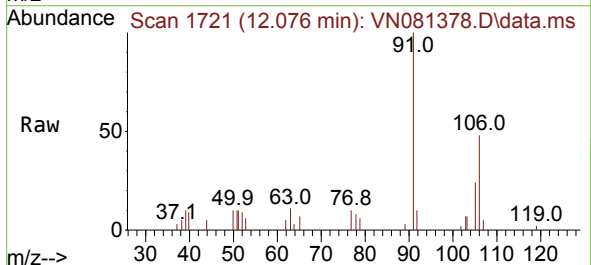
Instrument :
MSVOA_N
ClientSampleId :
1343

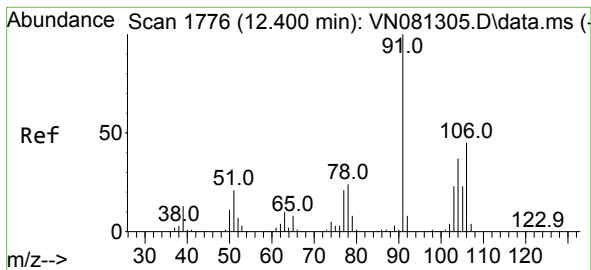
Tgt Ion:117 Resp: 497062
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 34.3 25.3 37.9



#68
m/p-Xylenes
Concen: 1.166 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Tgt Ion:106 Resp: 8278
Ion Ratio Lower Upper
106 100
91 231.5 169.0 253.6





#69

o-Xylene

Concen: 0.725 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

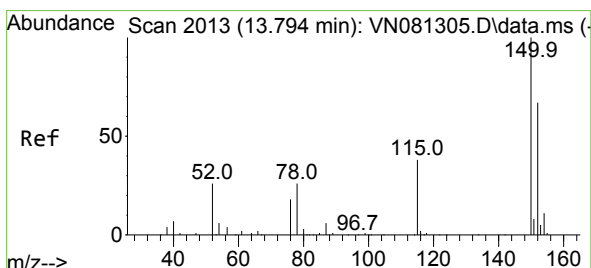
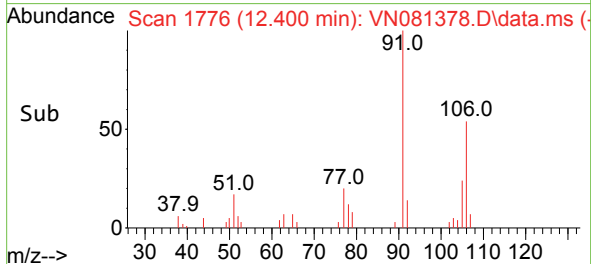
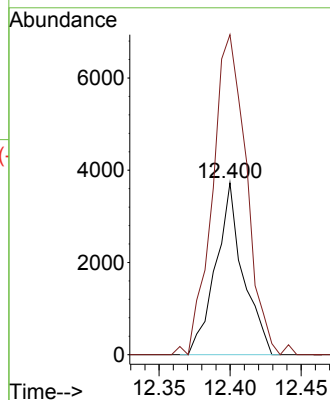
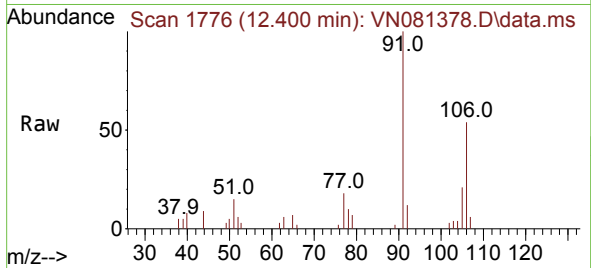
1343

Tgt Ion:106 Resp: 4992

Ion Ratio Lower Upper

106 100

91 231.6 112.1 336.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

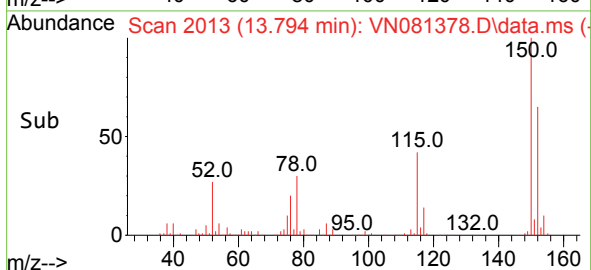
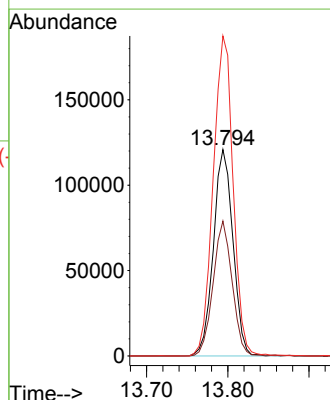
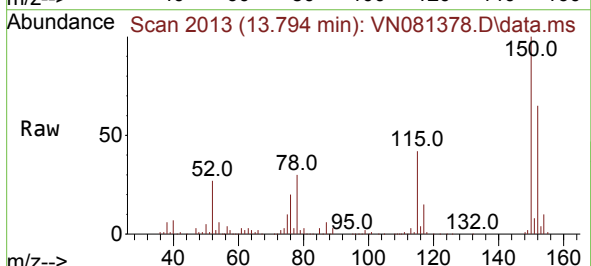
Tgt Ion:152 Resp: 202561

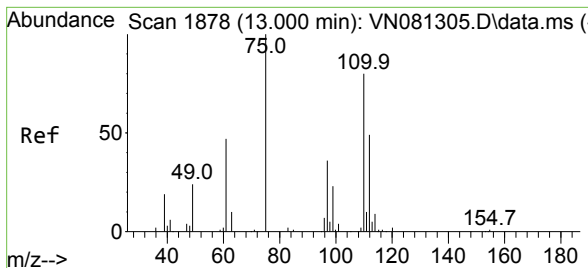
Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

150 157.7 0.0 339.8

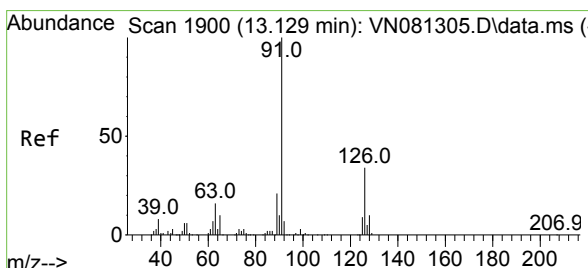
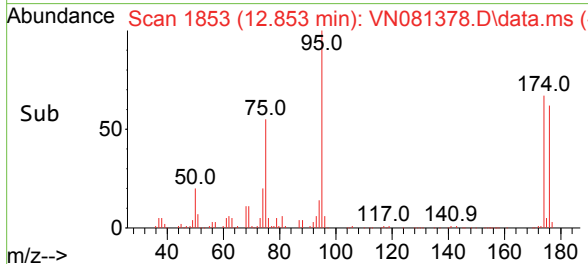
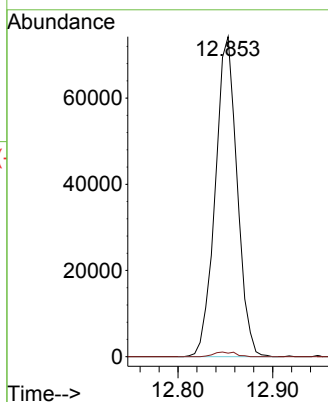
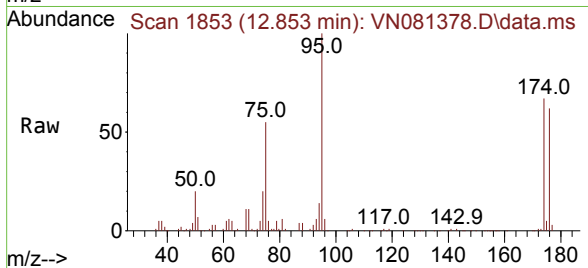




#76
1,2,3-Trichloropropane
Concen: 24.918 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

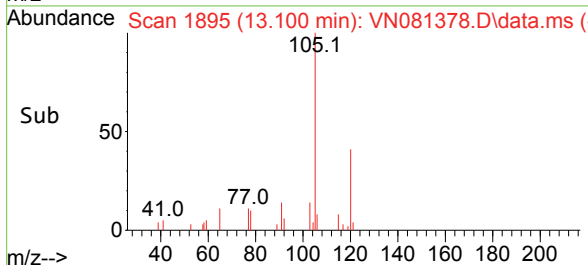
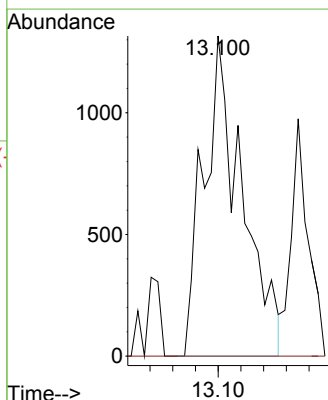
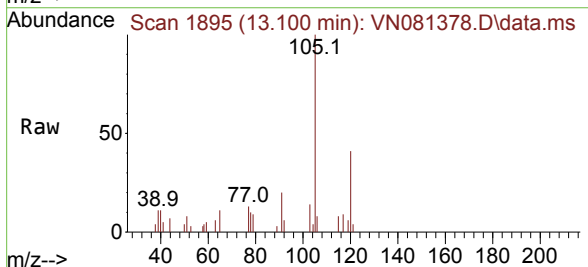
Instrument :
MSVOA_N
ClientSampleId :
1343

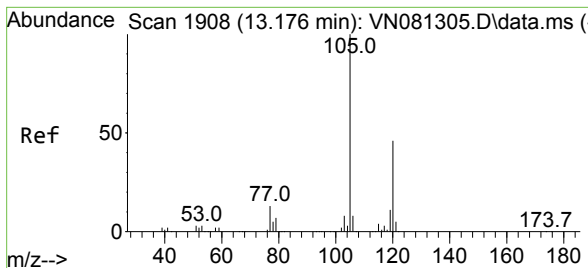
Tgt Ion: 75 Resp: 119219
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#79
2-Chlorotoluene
Concen: 0.259 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Tgt Ion: 91 Resp: 3061
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#





#80

1,3,5-Trimethylbenzene

Concen: 0.571 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

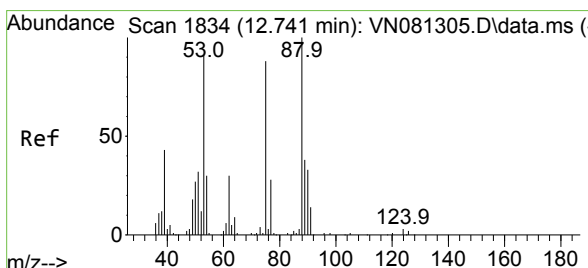
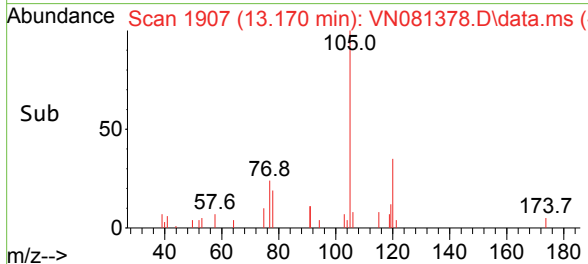
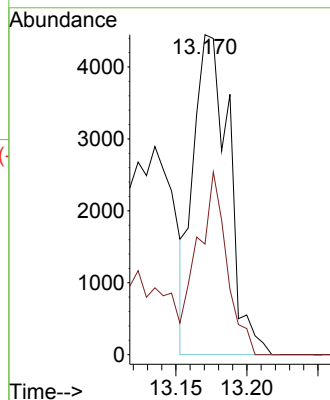
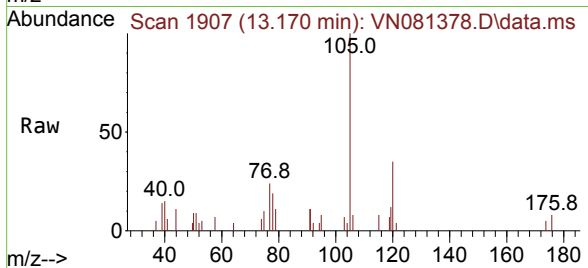
1343

Tgt Ion:105 Resp: 7720

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 69.542 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081378.D

Acq: 12 Mar 2024 17:26

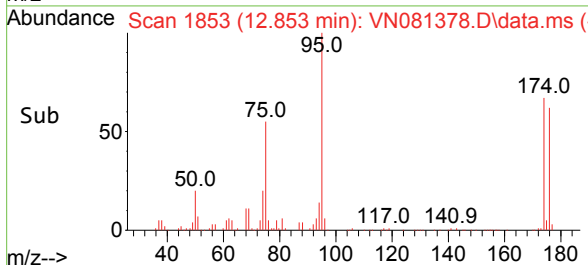
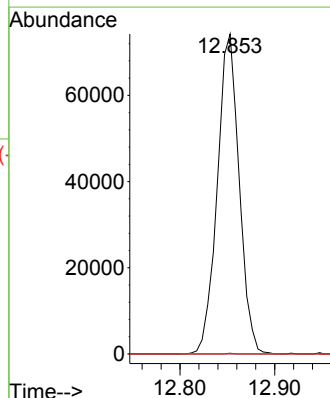
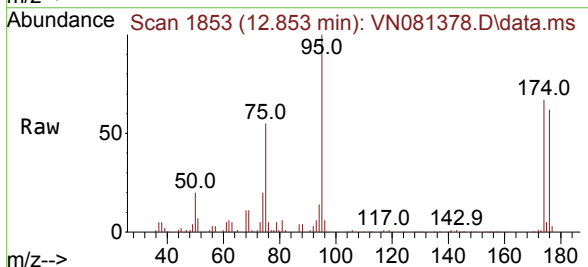
Tgt Ion: 75 Resp: 119219

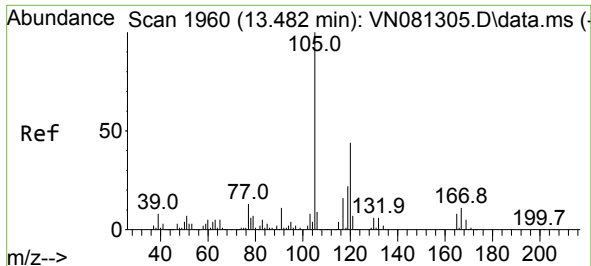
Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.2#

89 0.0 33.4 50.0#

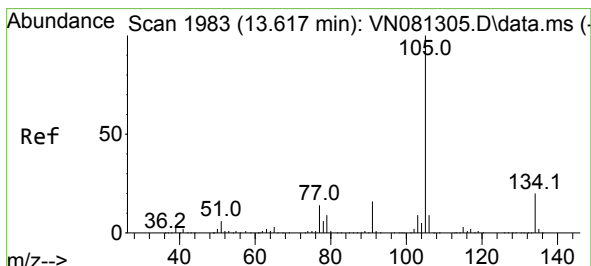
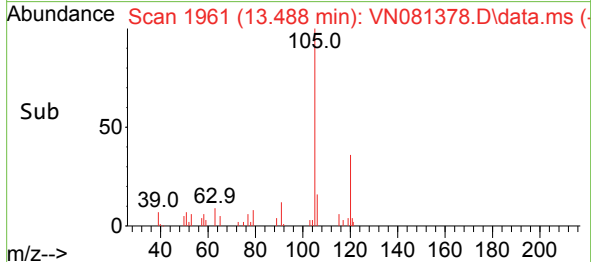
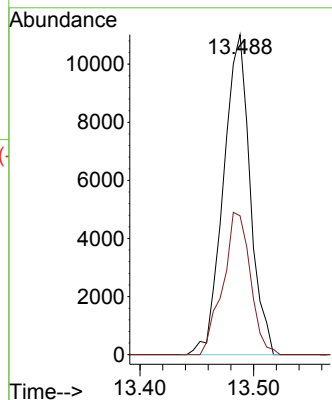
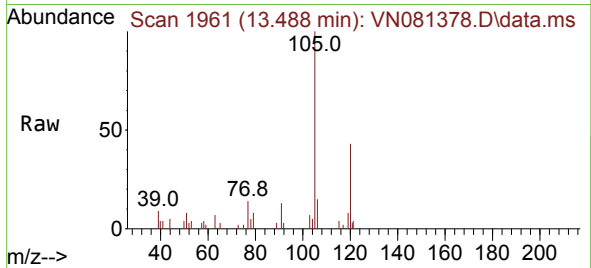




#84
1,2,4-Trimethylbenzene
Concen: 1.311 ug/l
RT: 13.488 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Instrument :
MSVOA_N
ClientSampleId :
1343

Tgt Ion:105 Resp: 17953
Ion Ratio Lower Upper
105 100
120 45.7 20.9 62.7



#85
sec-Butylbenzene
Concen: 1.071 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.129 min
Lab File: VN081378.D
Acq: 12 Mar 2024 17:26

Tgt Ion:105 Resp: 17953
Ion Ratio Lower Upper
105 100
134 0.0 8.6 25.8#

