

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081472.D
 Acq On : 19 Mar 2024 15:45
 Operator : JC\MD
 Sample : P1781-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1372

Quant Time: Mar 20 01:19:06 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)

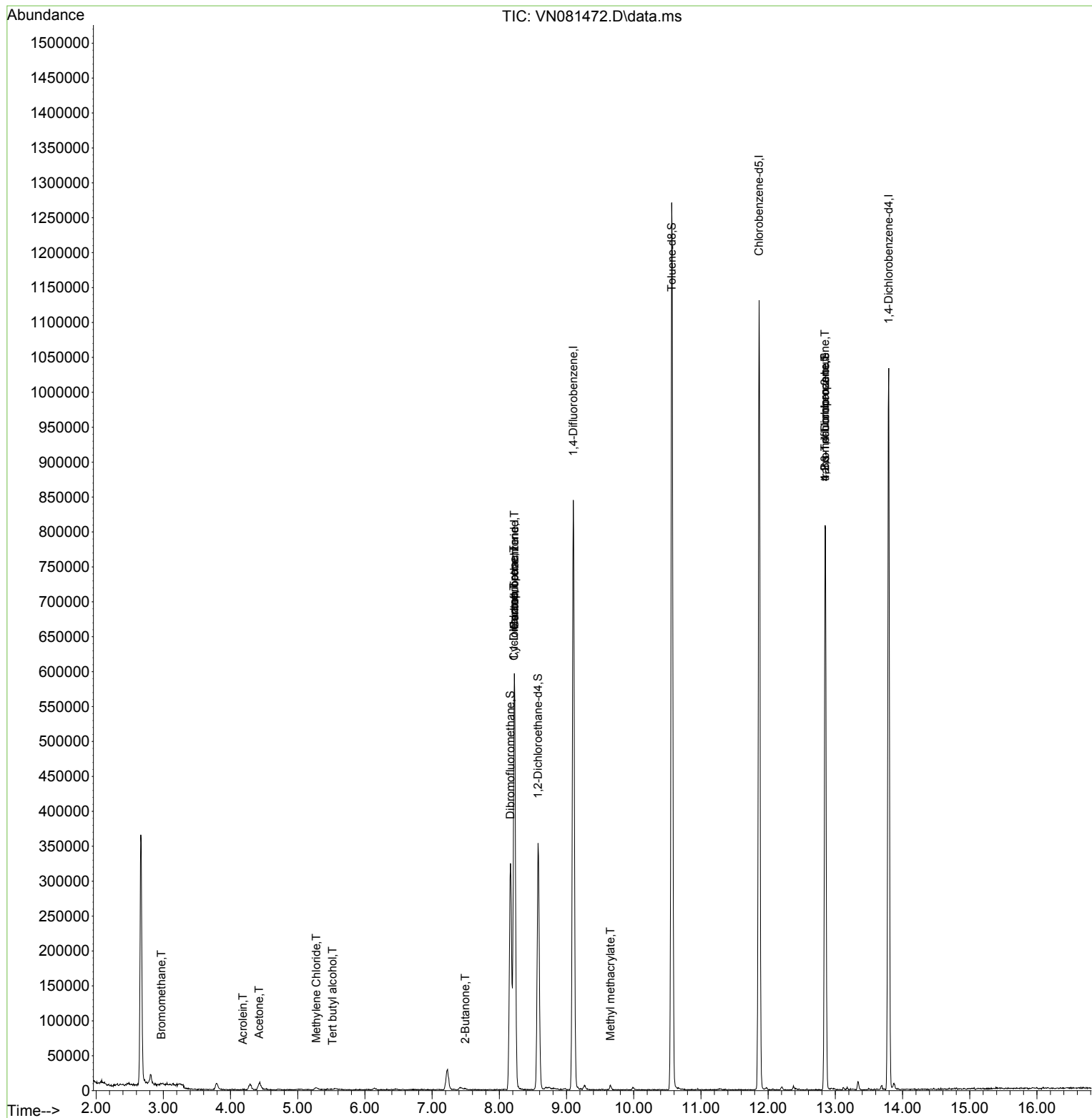
Internal Standards						
1) Pentafluorobenzene	8.224	168	434953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	752299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	654490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	275447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	280179	50.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.020%	
35) Dibromofluoromethane	8.165	113	232923	49.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.120%	
50) Toluene-d8	10.565	98	884423	51.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.847	95	278478	46.049	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	1396	0.302	ug/l #	60
11) Tert butyl alcohol	5.518	59	375	0.388	ug/l #	72
13) Acrolein	4.183	56	270	0.311	ug/l #	82
16) Acetone	4.424	43	18336	10.229	ug/l	93
20) Methylene Chloride	5.277	84	2103	0.358	ug/l #	73
25) 2-Butanone	7.494	43	3168	1.030	ug/l #	51
31) Cyclohexane	8.218	56	10633	1.178	ug/l #	6
36) 1,1-Dichloropropene	8.218	75	34660	4.338	ug/l #	51
38) Carbon Tetrachloride	8.224	117	46206	5.279	ug/l #	17
48) Methyl methacrylate	9.653	41	1601	0.306	ug/l #	40
76) 1,2,3-Trichloropropane	12.847	75	149927	22.755	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	149927	61.491	ug/l #	14

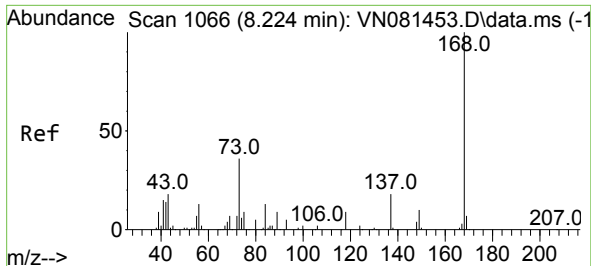
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 01:19:06 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

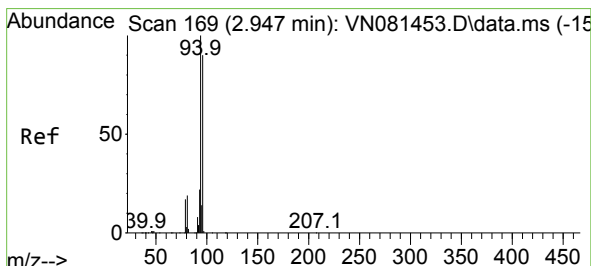
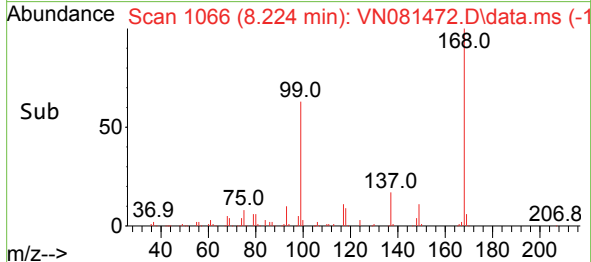
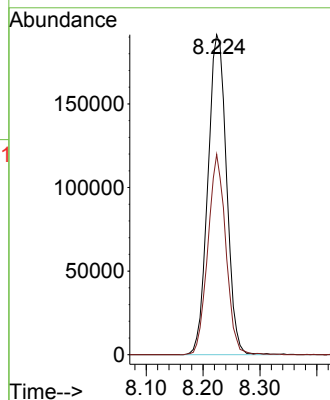
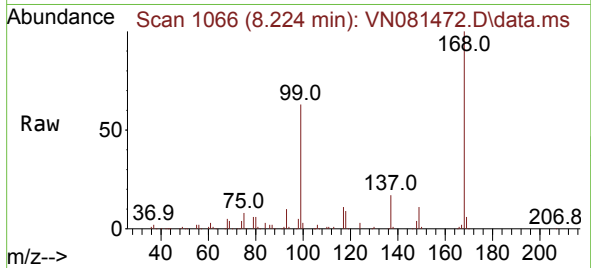




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

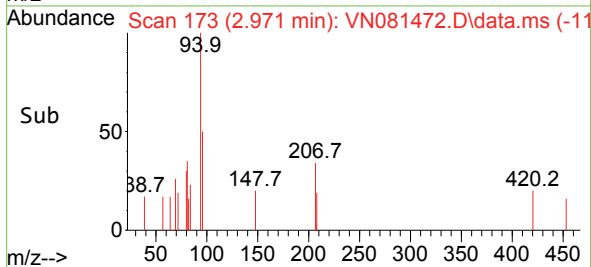
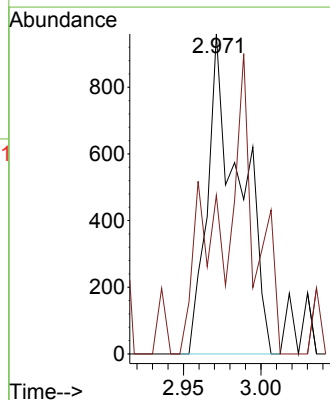
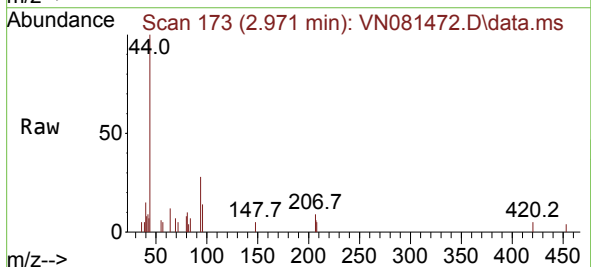
Instrument :
MSVOA_N
ClientSampleId :
1372

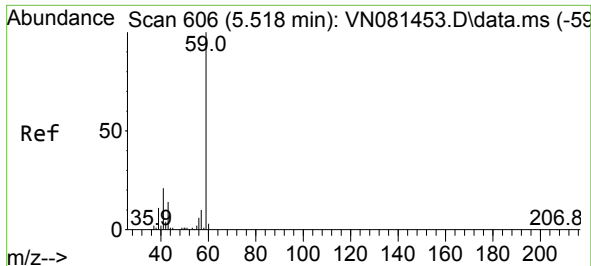
Tgt Ion:168 Resp: 434953
Ion Ratio Lower Upper
168 100
99 62.6 59.9 89.9



#5
Bromomethane
Concen: 0.302 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

Tgt Ion: 94 Resp: 1396
Ion Ratio Lower Upper
94 100
96 49.6 69.2 103.8#

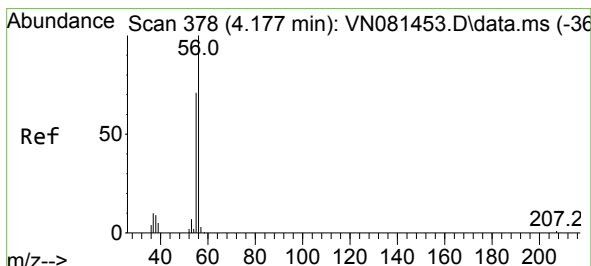
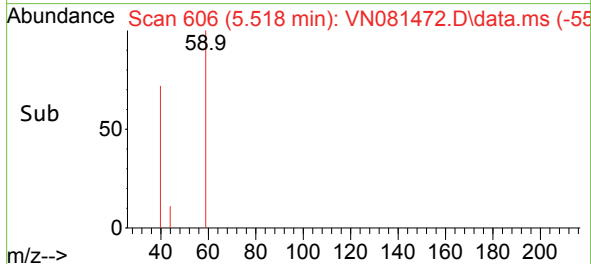
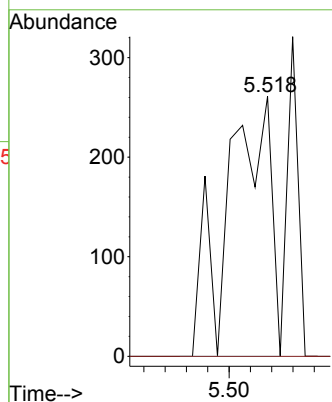
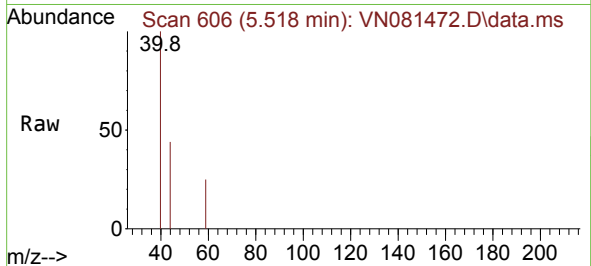




#11
Tert butyl alcohol
Concen: 0.388 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

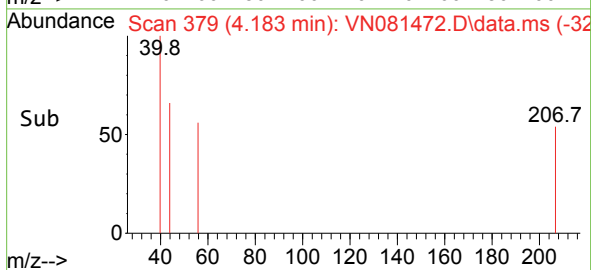
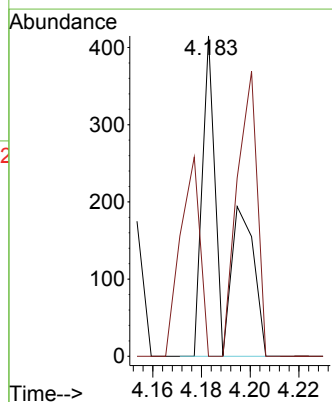
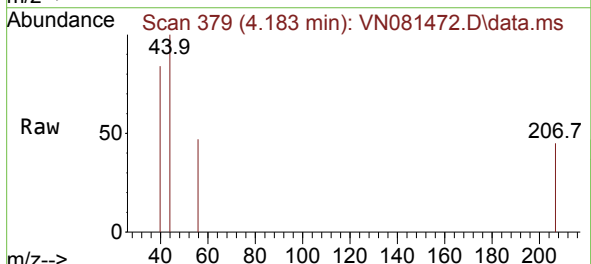
Instrument :
MSVOA_N
ClientSampleId :
1372

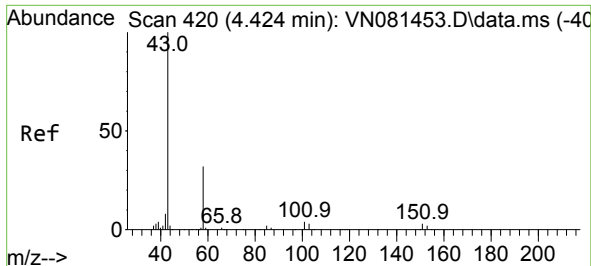
Tgt Ion: 59 Resp: 375
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.311 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

Tgt Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 54.1 55.3 82.9#





#16

Acetone

Concen: 10.229 ug/l

RT: 4.424 min Scan# 43

Delta R.T. 0.000 min

Lab File: VN081472.D

Acq: 19 Mar 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

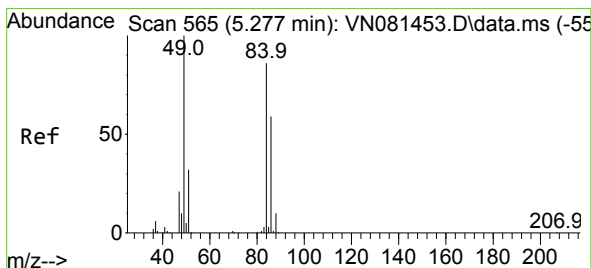
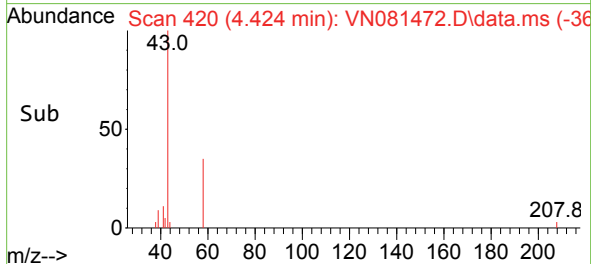
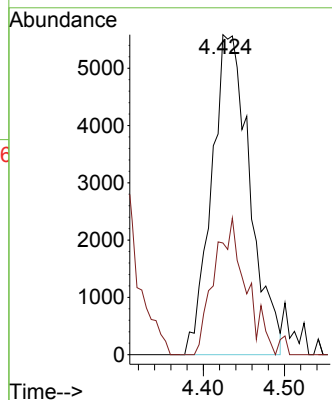
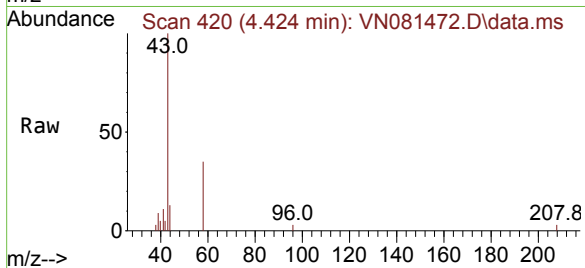
1372

Tgt Ion: 43 Resp: 18336

Ion Ratio Lower Upper

43 100

58 34.9 24.8 37.2



#20

Methylene Chloride

Concen: 0.358 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN081472.D

Acq: 19 Mar 2024 15:45

Tgt Ion: 84 Resp: 2103

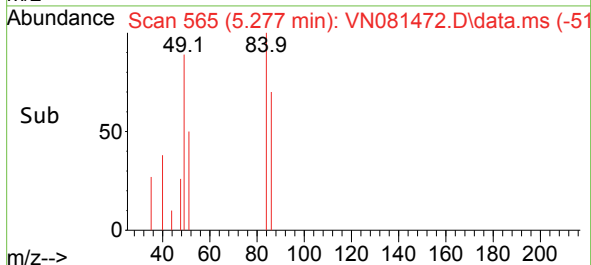
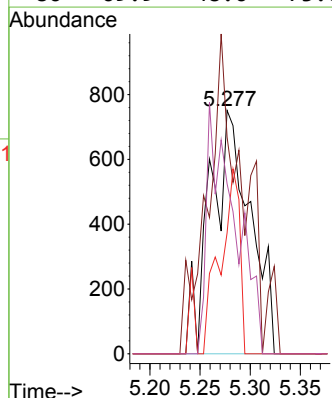
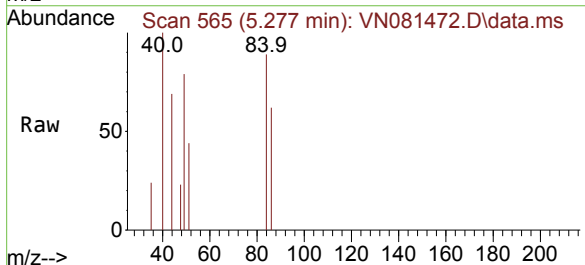
Ion Ratio Lower Upper

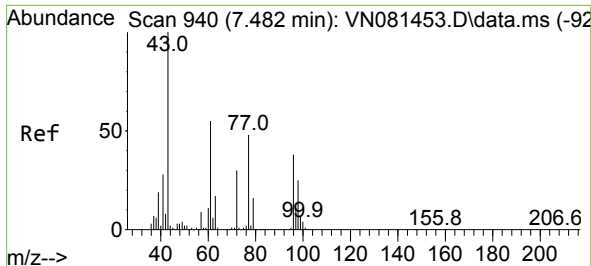
84 100

49 89.1 108.1 162.1#

51 49.7 32.9 49.3#

86 69.9 48.6 73.0

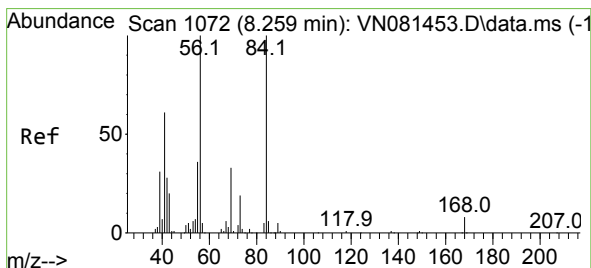
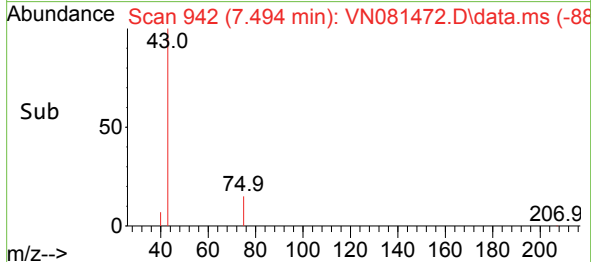
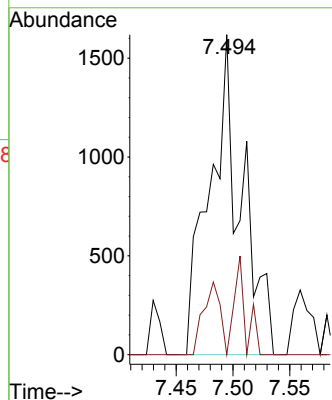
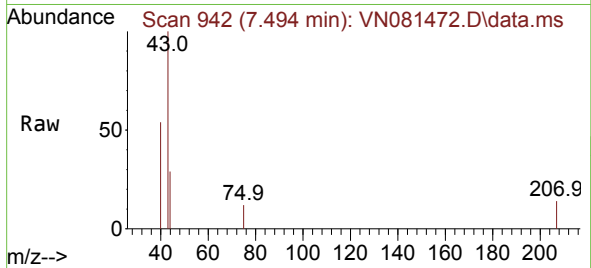




#25
2-Butanone
Concen: 1.030 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

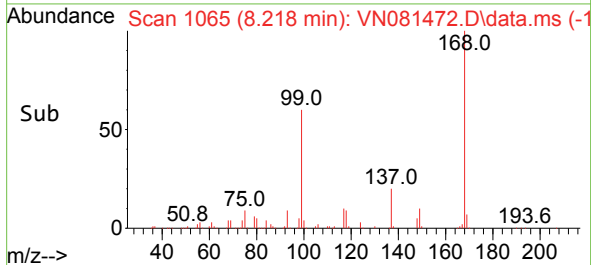
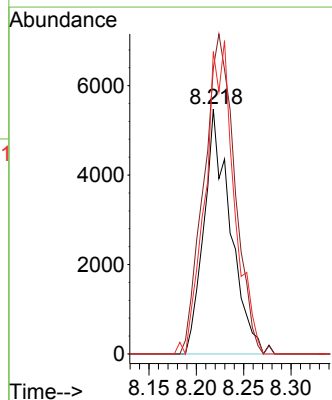
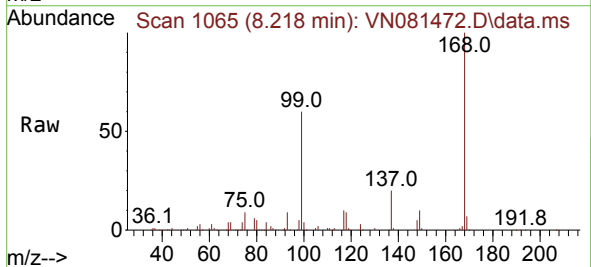
Instrument :
MSVOA_N
ClientSampleId :
1372

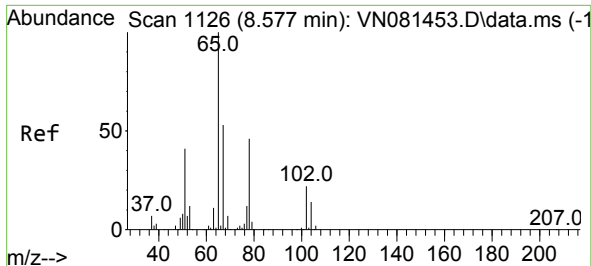
Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

Tgt Ion: 56 Resp: 10633
Ion Ratio Lower Upper
56 100
69 116.6 20.1 30.1#
84 123.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.512 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081472.D

Acq: 19 Mar 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

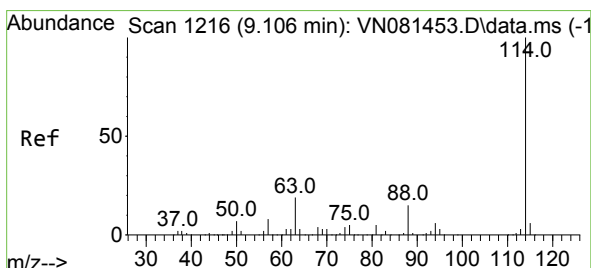
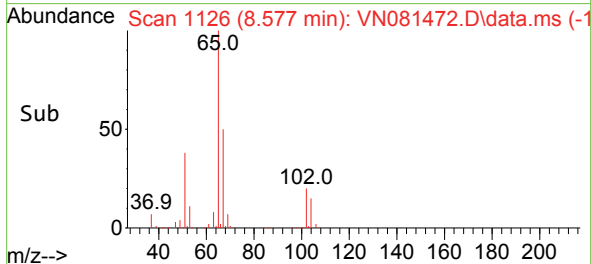
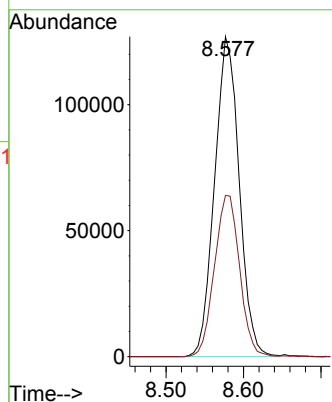
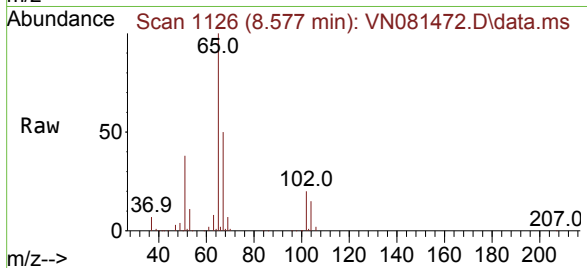
1372

Tgt Ion: 65 Resp: 280179

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081472.D

Acq: 19 Mar 2024 15:45

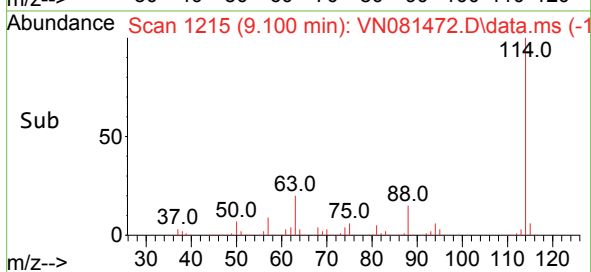
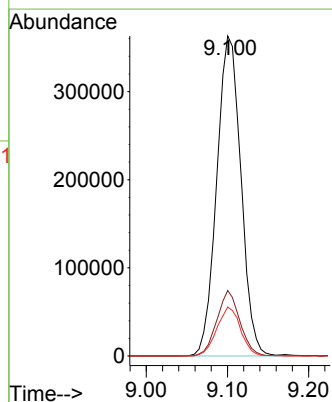
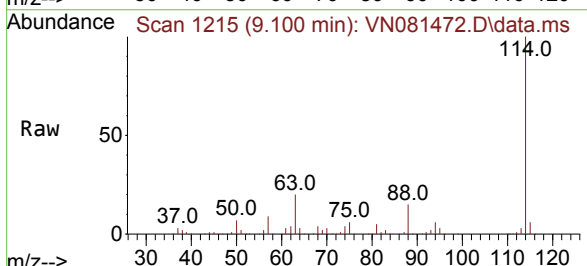
Tgt Ion: 114 Resp: 752299

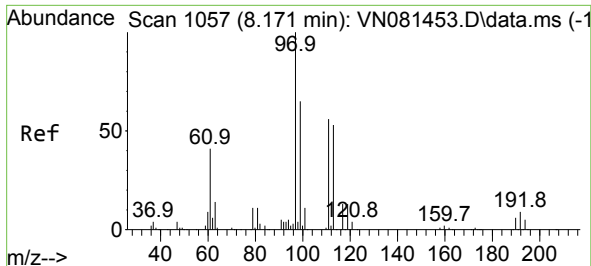
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 15.3 0.0 34.8

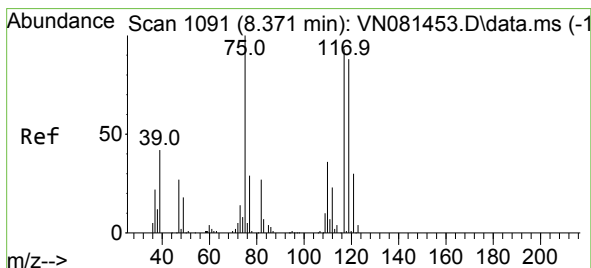
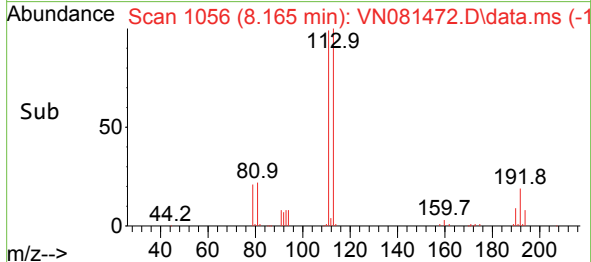
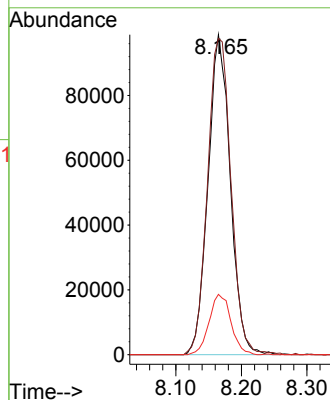
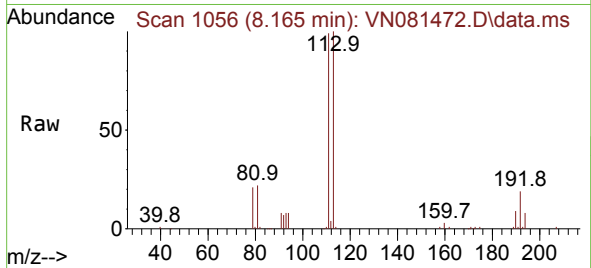




#35
Dibromofluoromethane
Concen: 49.059 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

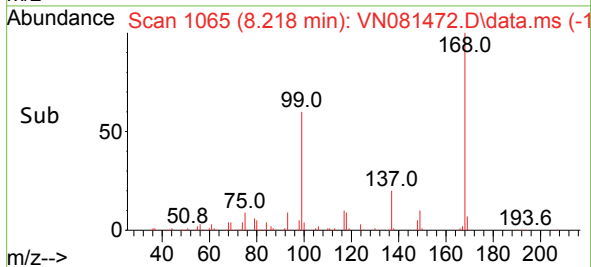
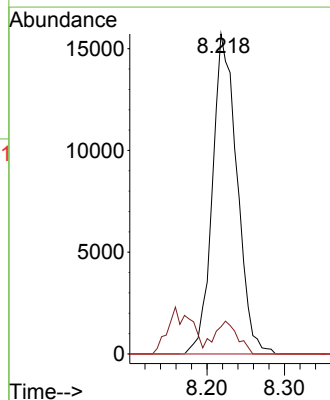
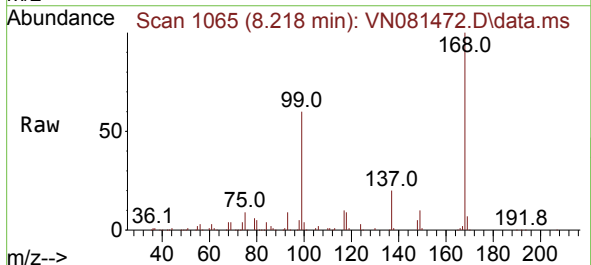
Instrument :
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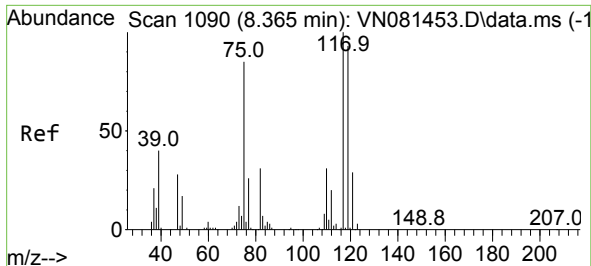
Tgt Ion:113 Resp: 232923
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.338 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

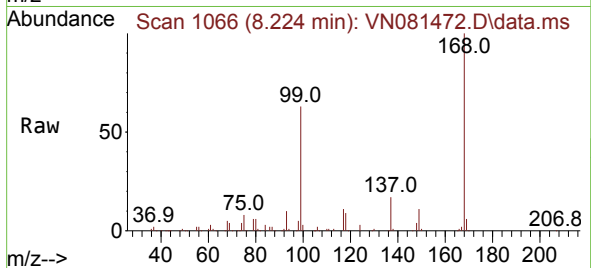
Tgt Ion: 75 Resp: 34660
Ion Ratio Lower Upper
75 100
110 9.7 16.0 48.0#
77 0.0 25.8 38.6#



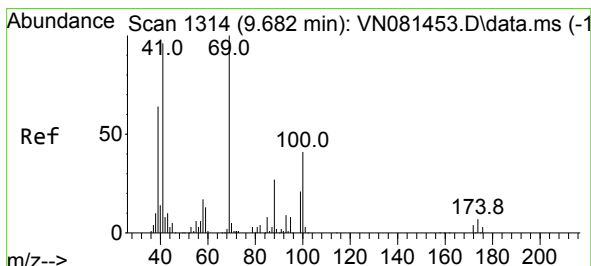
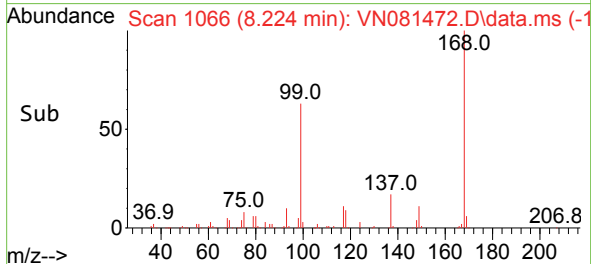
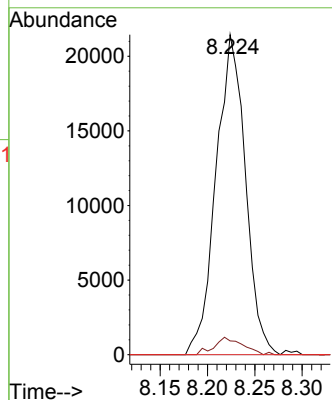


#38
Carbon Tetrachloride
Concen: 5.279 ug/l
RT: 8.224 min Scan# 11372
Delta R.T. -0.141 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

Instrument :
MSVOA_N
ClientSampleId :
1372

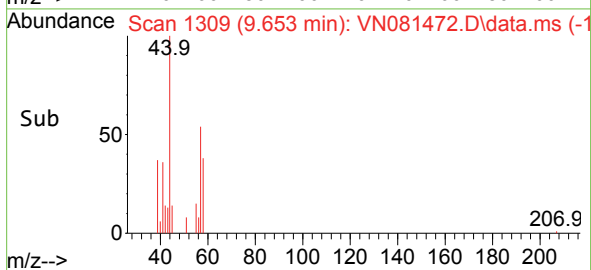
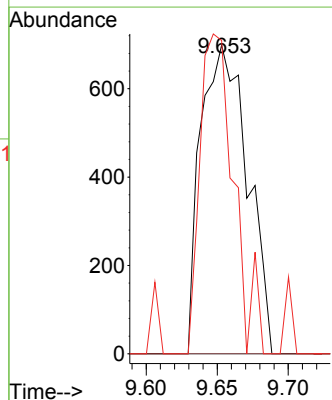
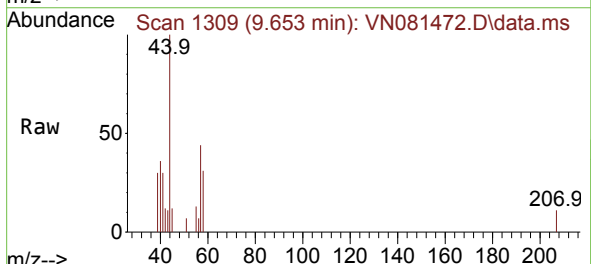


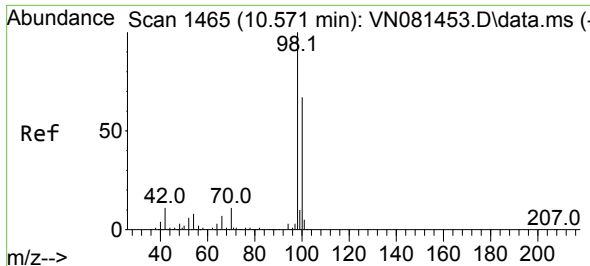
Tgt Ion:117 Resp: 46206
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.306 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.029 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

Tgt Ion: 41 Resp: 1601
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 75.1 47.6 71.4#

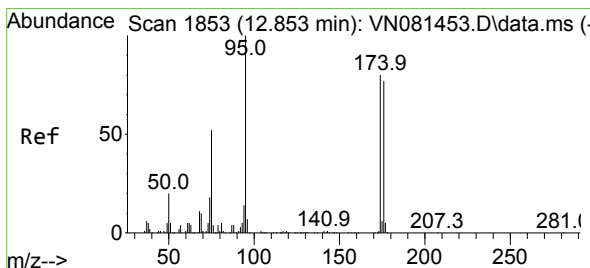
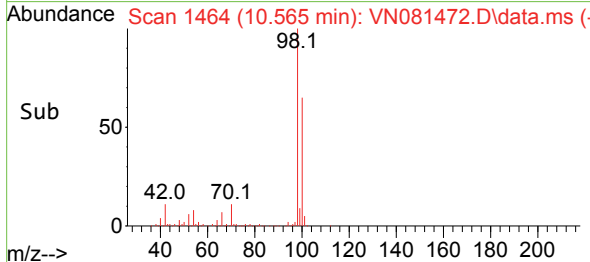
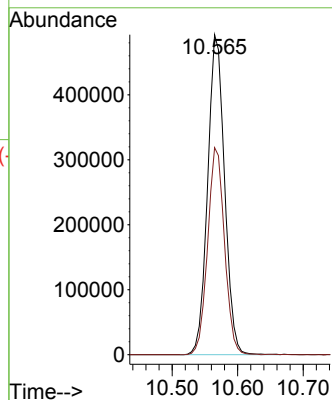
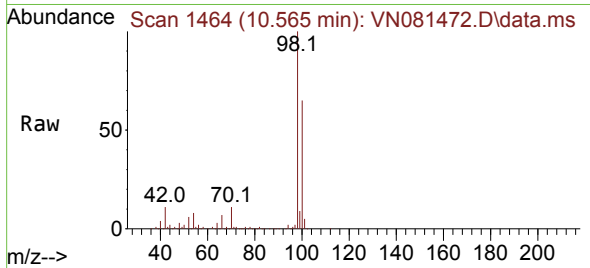




#50
Toluene-d8
Concen: 51.532 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

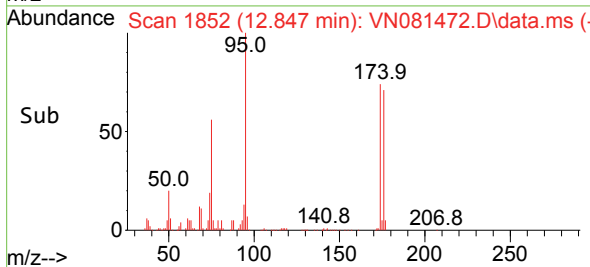
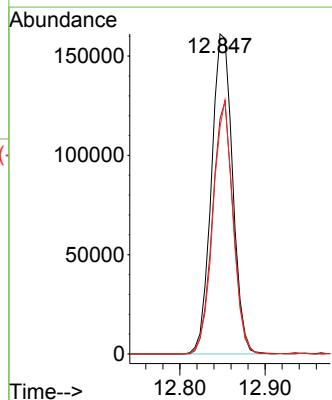
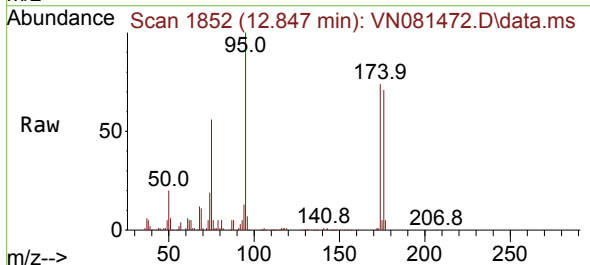
Instrument :
MSVOA_N
ClientSampleId :
1372

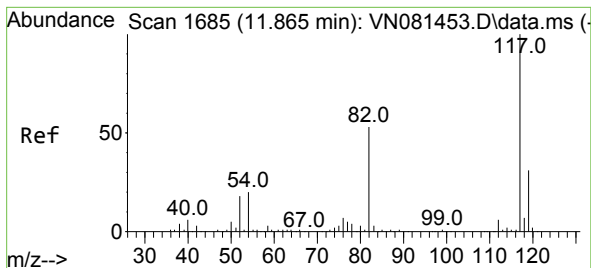
Tgt Ion: 98 Resp: 884423
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.049 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081472.D
Acq: 19 Mar 2024 15:45

Tgt Ion: 95 Resp: 278478
Ion Ratio Lower Upper
95 100
174 77.1 0.0 120.4
176 74.6 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: VN081472.D

Acq: 19 Mar 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

1372

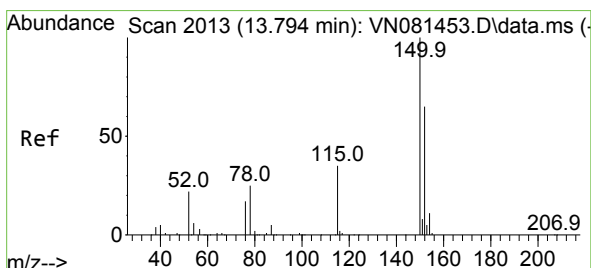
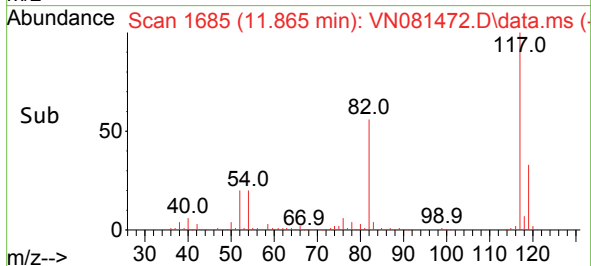
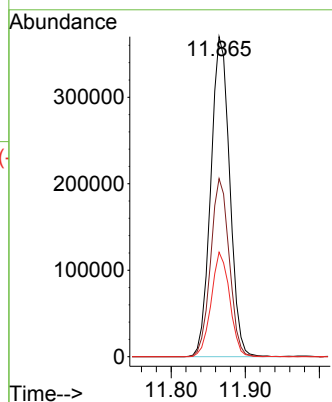
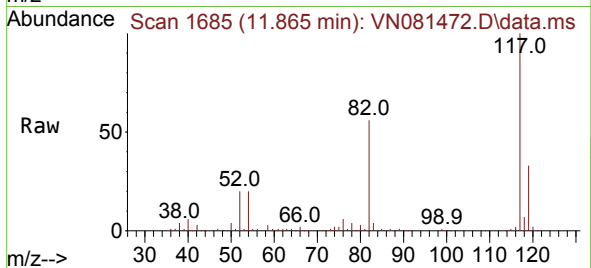
Tgt Ion:117 Resp: 654490

Ion Ratio Lower Upper

117 100

82 55.6 52.7 79.1

119 32.7 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: VN081472.D

Acq: 19 Mar 2024 15:45

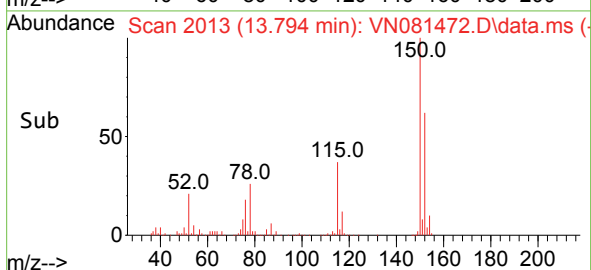
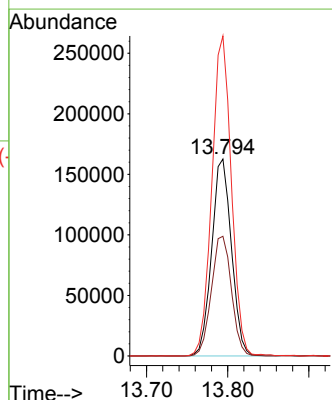
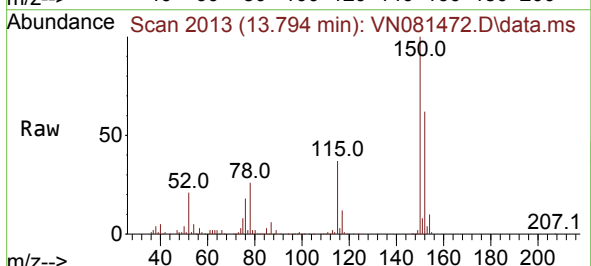
Tgt Ion:152 Resp: 275447

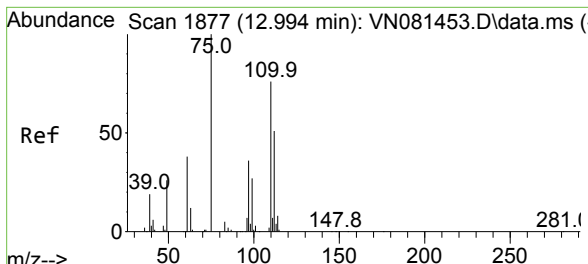
Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 159.6 0.0 339.8

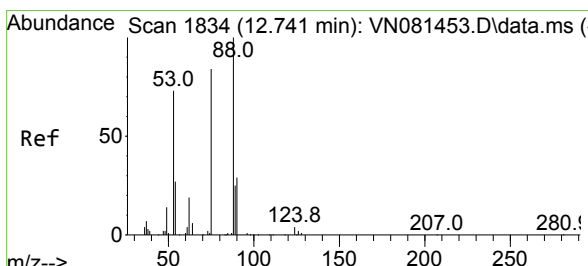
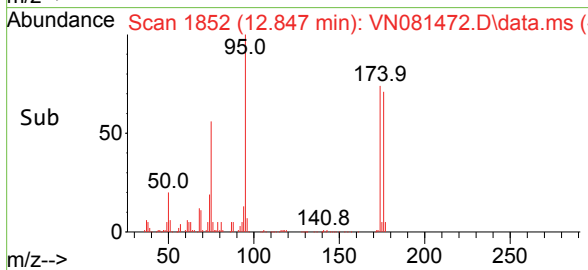
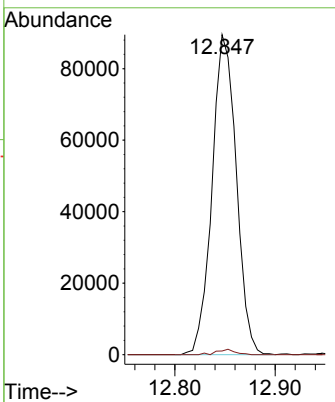
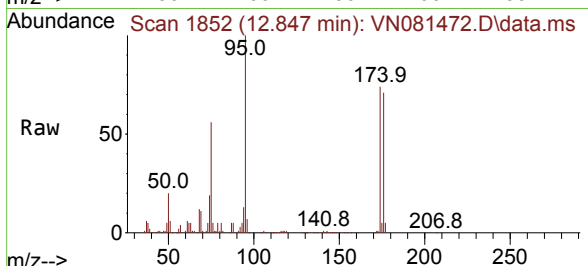




#76
 1,2,3-Trichloropropane
 Concen: 22.755 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081472.D
 Acq: 19 Mar 2024 15:45

Instrument : MSVOA_N
 ClientSampleId : 1372

Tgt Ion: 75 Resp: 149927
 Ion Ratio Lower Upper
 75 100
 77 1.3 91.0 272.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.491 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081472.D
 Acq: 19 Mar 2024 15:45

Tgt Ion: 75 Resp: 149927
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.1 33.4 50.0#

