

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081994.D
 Acq On : 03 May 2024 16:12
 Operator : JC\MD
 Sample : P2379-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:57:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

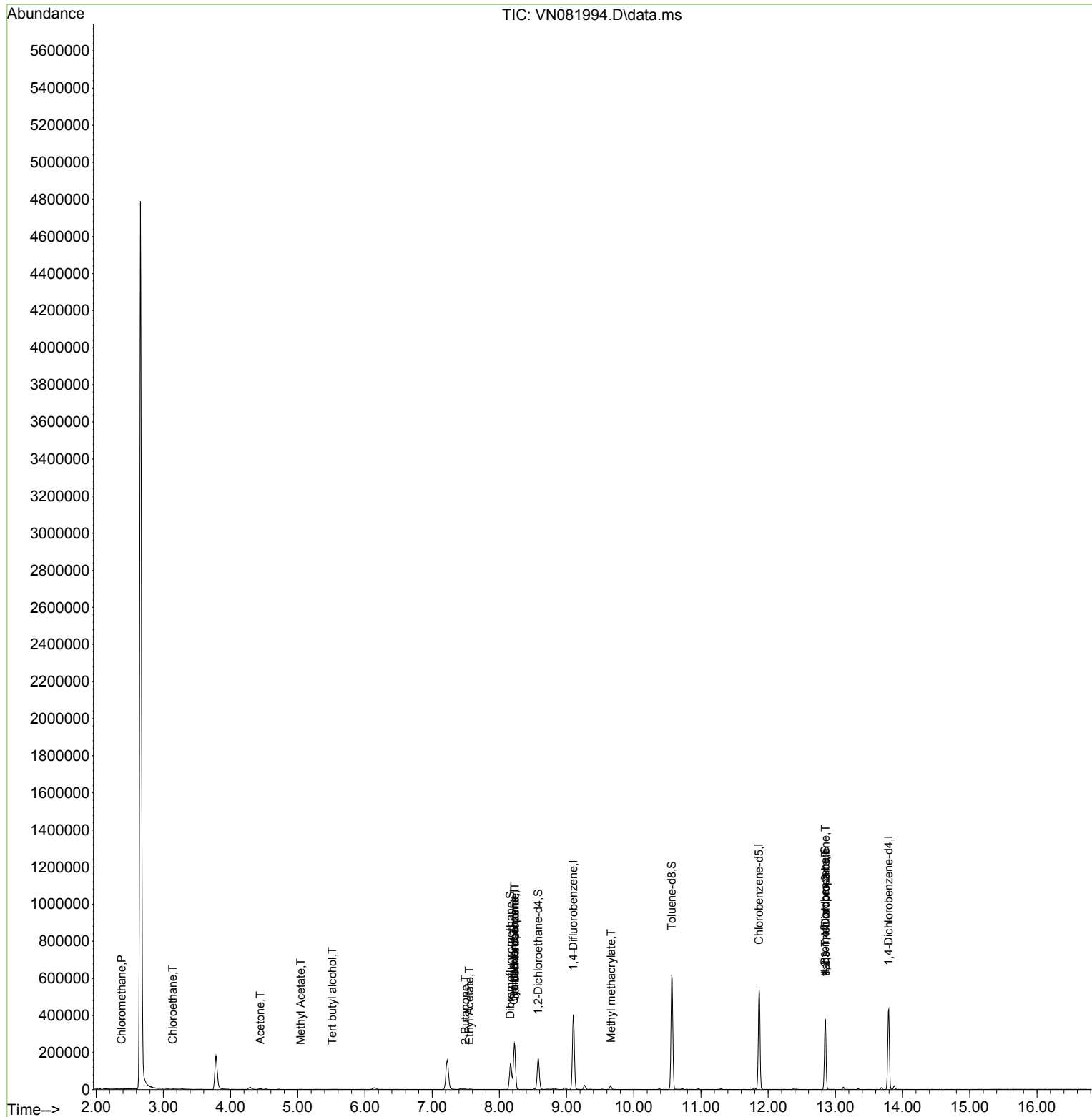
Internal Standards						
1) Pentafluorobenzene	8.224	168	164451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133360	48.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	8.165	113	101460	49.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	10.565	98	417081	52.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.847	95	132597	42.081	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	84.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	654	0.272	ug/l #	43
5) Bromomethane	2.977	94	390	Below Cal		97
6) Chloroethane	3.142	64	494	0.448	ug/l #	44
11) Tert butyl alcohol	5.512	59	338	0.670	ug/l #	71
13) Acrolein	4.177	56	119	Below Cal	#	1
16) Acetone	4.442	43	9493	6.235	ug/l	94
18) Methyl Acetate	5.047	43	2036	0.724	ug/l #	52
25) 2-Butanone	7.494	43	4992	3.169	ug/l #	59
31) Cyclohexane	8.218	56	5393	1.290	ug/l #	35
36) 1,1-Dichloropropene	8.230	75	15913	4.819	ug/l #	47
37) Ethyl Acetate	7.553	43	727	0.204	ug/l #	77
38) Carbon Tetrachloride	8.230	117	18514	5.737	ug/l #	15
48) Methyl methacrylate	9.665	41	4984	1.555	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	75936	27.687	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	75936	56.735	ug/l #	12

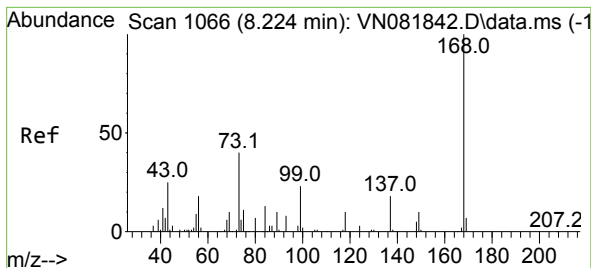
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081994.D

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Instrument :

MSVOA_N

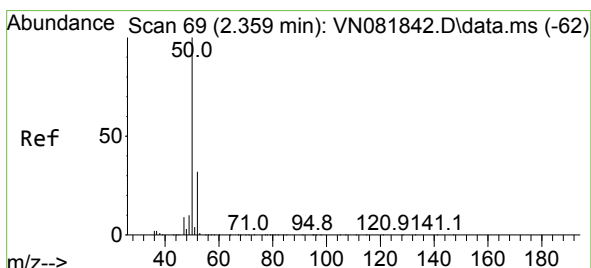
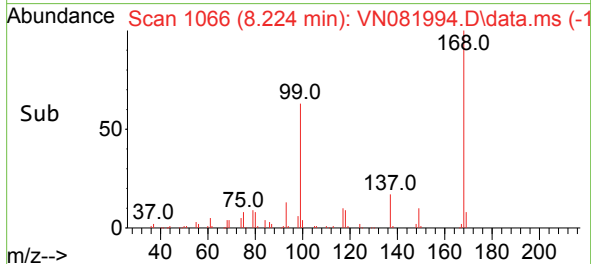
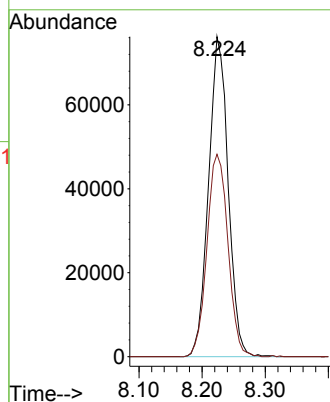
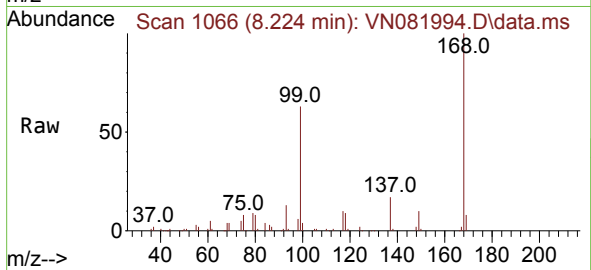
ClientSampleId :

Tgt Ion:168 Resp: 164451

Ion Ratio Lower Upper

168 100

99 63.3 48.2 72.4



#3

Chloromethane

Concen: 0.272 ug/l

RT: 2.377 min Scan# 72

Delta R.T. 0.018 min

Lab File: VN081994.D

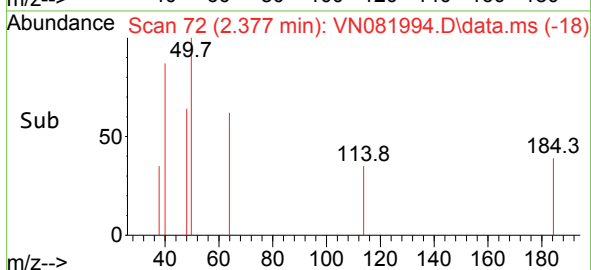
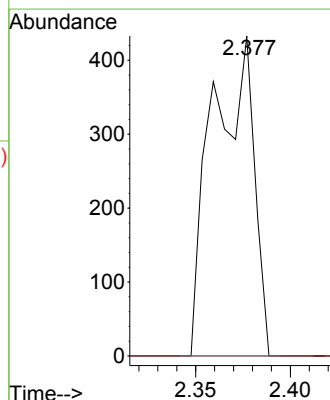
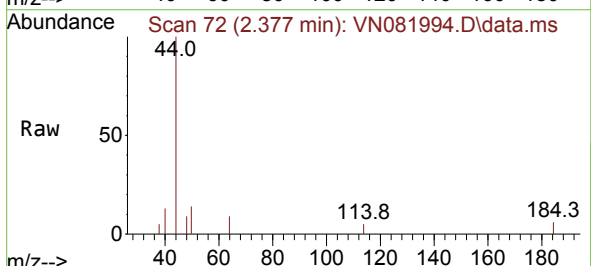
Acq: 03 May 2024 16:12

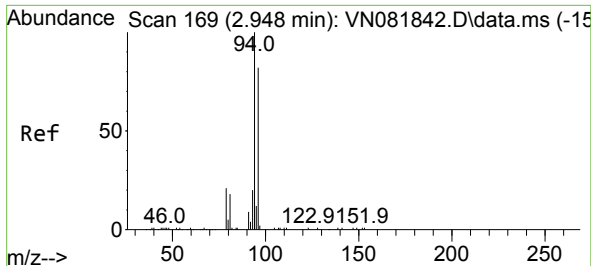
Tgt Ion: 50 Resp: 654

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

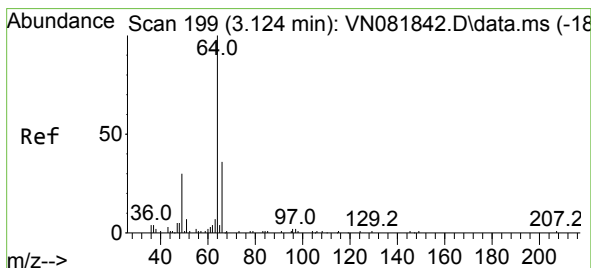
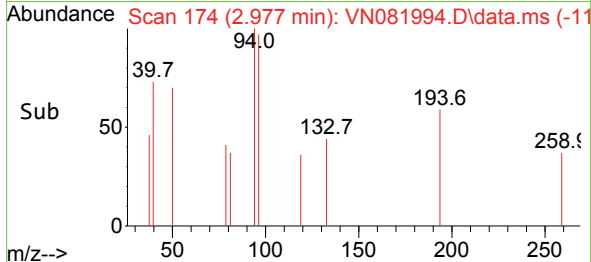
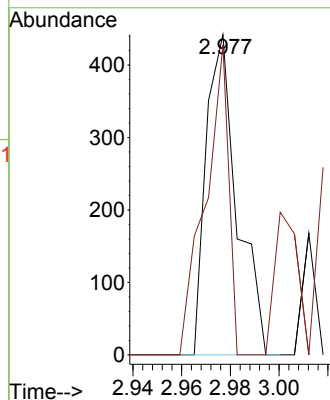
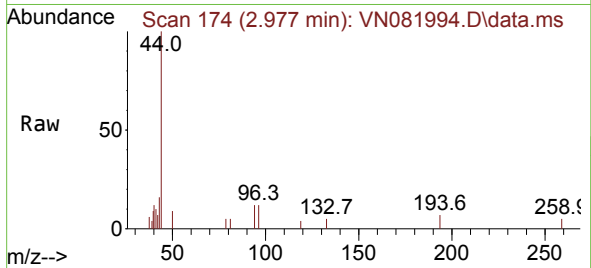




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

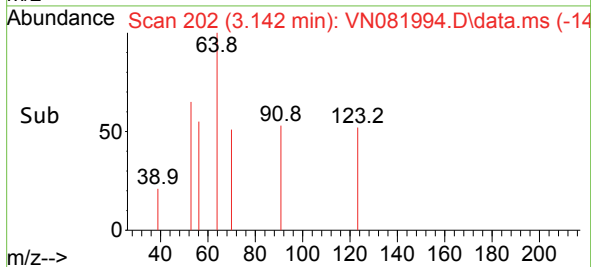
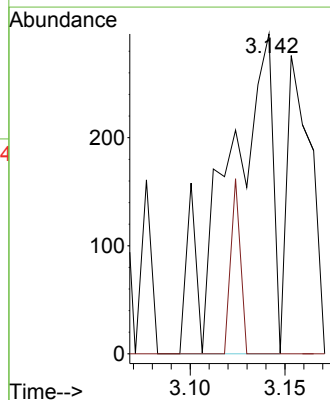
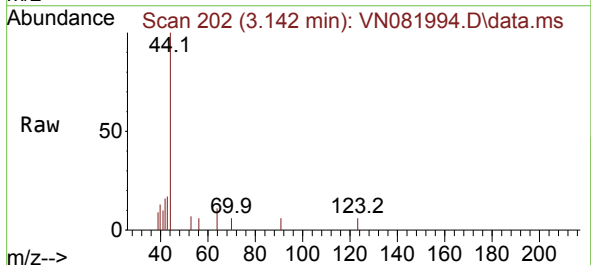
Instrument :
MSVOA_N
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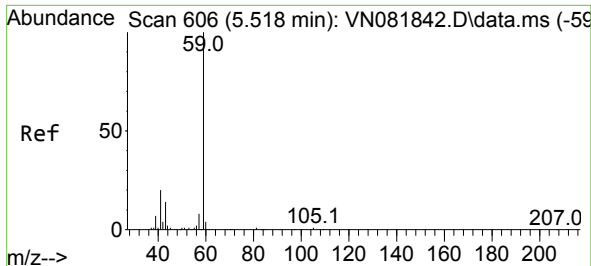
Tgt Ion: 94 Resp: 390
Ion Ratio Lower Upper
94 100
96 96.8 74.8 112.2



#6
Chloroethane
Concen: 0.448 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.018 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

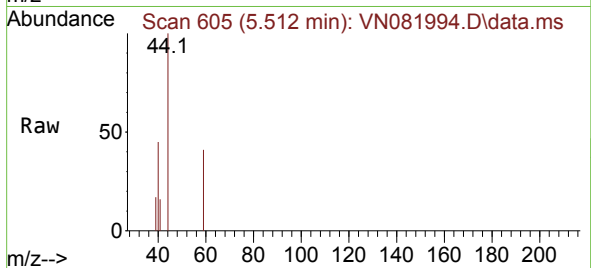
Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



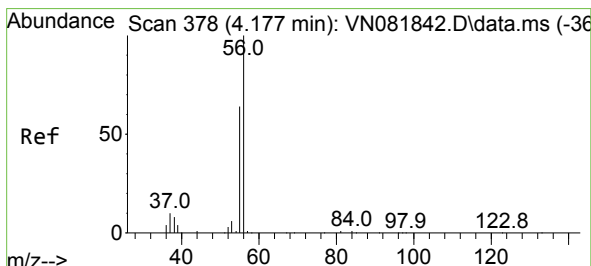
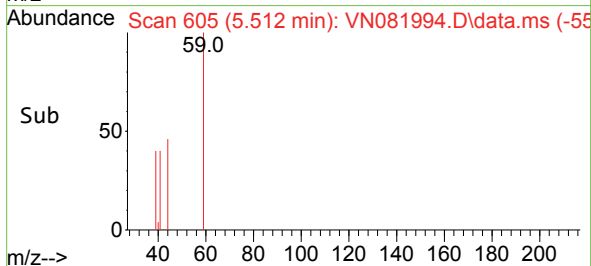
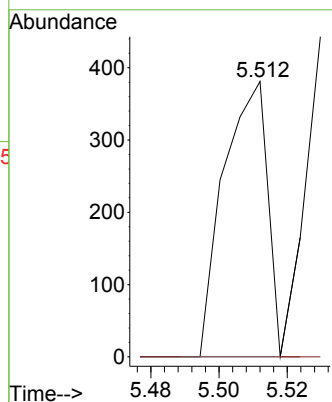


#11
Tert butyl alcohol
Concen: 0.670 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :

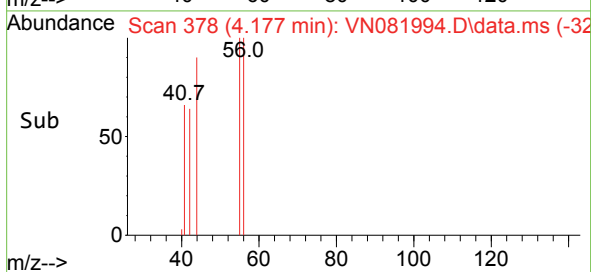
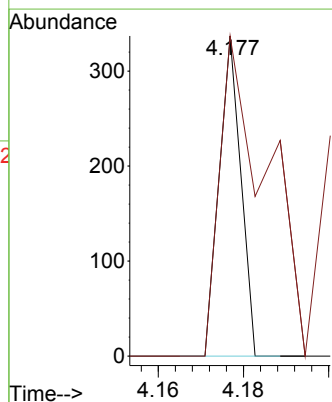
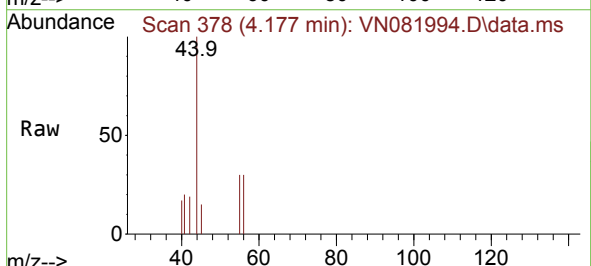


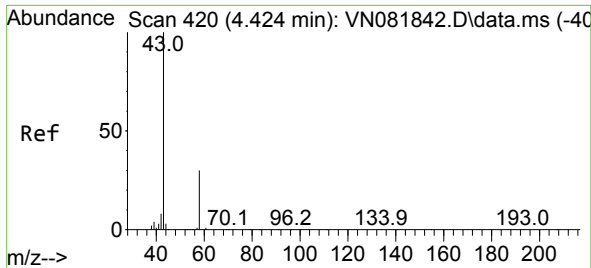
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 285.7 55.8 83.8#

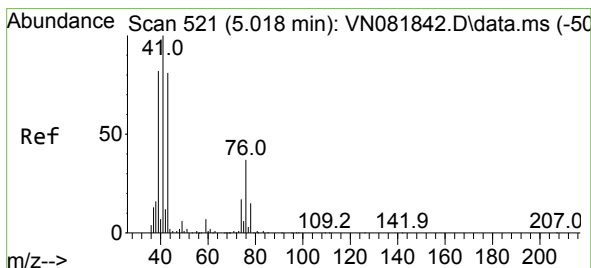
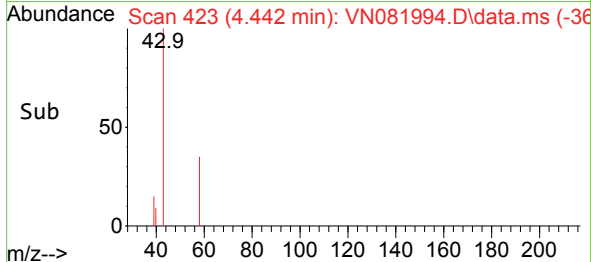
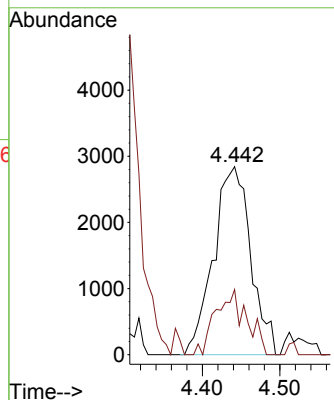
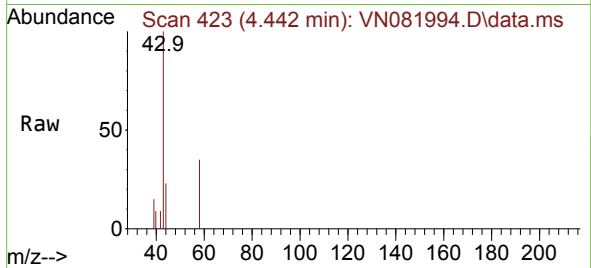




#16
Acetone
Concen: 6.235 ug/l
RT: 4.442 min Scan# 431
Delta R.T. 0.018 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

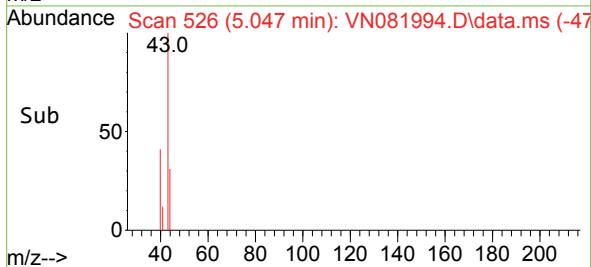
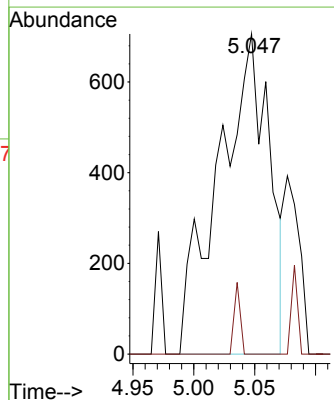
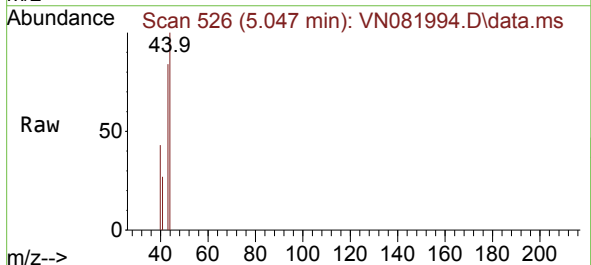
Instrument :
MSVOA_N
ClientSampleId :

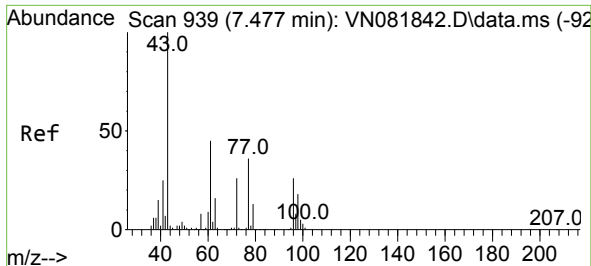
Tgt Ion: 43 Resp: 9493
Ion Ratio Lower Upper
43 100
58 34.6 25.2 37.8



#18
Methyl Acetate
Concen: 0.724 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

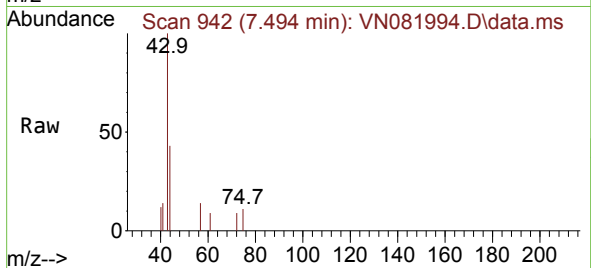
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
74 2.8 22.2 33.2#



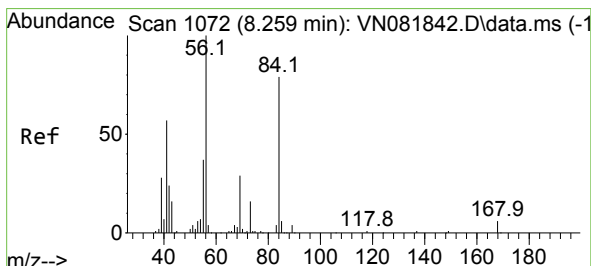
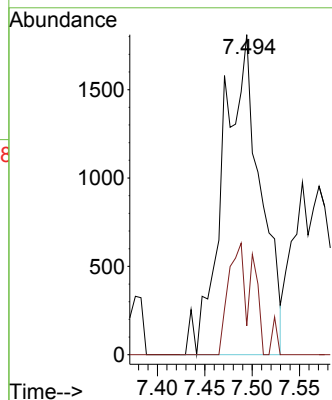
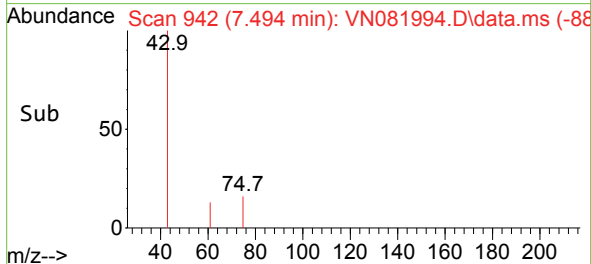


#25
2-Butanone
Concen: 3.169 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :

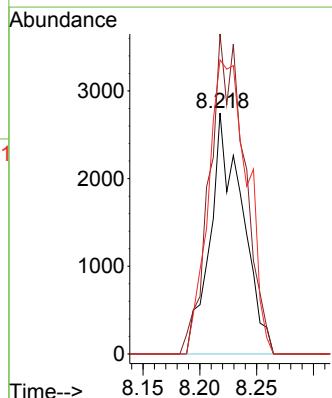
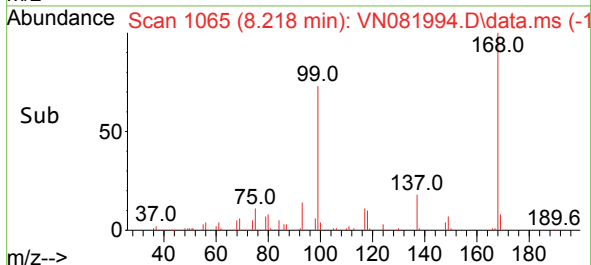
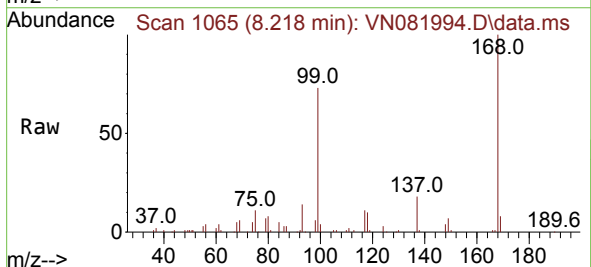


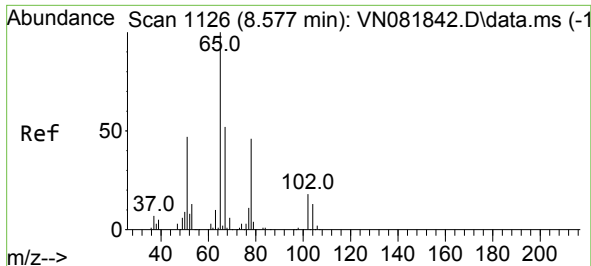
Tgt Ion: 43 Resp: 4992
Ion Ratio Lower Upper
43 100
72 9.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

Tgt Ion: 56 Resp: 5393
Ion Ratio Lower Upper
56 100
69 132.8 24.4 36.6#
84 122.1 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 48.049 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081994.D

Acq: 03 May 2024 16:12

Instrument :

MSVOA_N

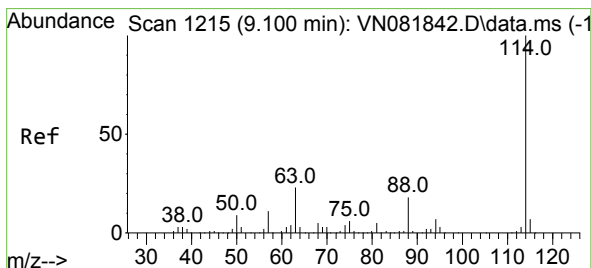
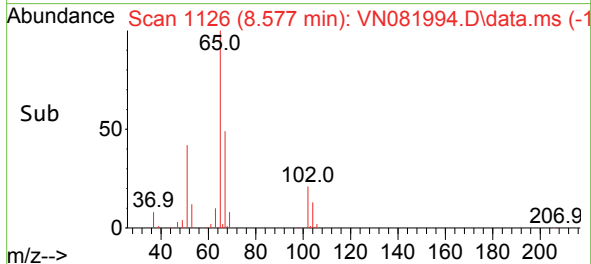
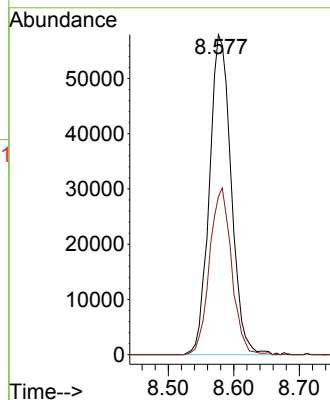
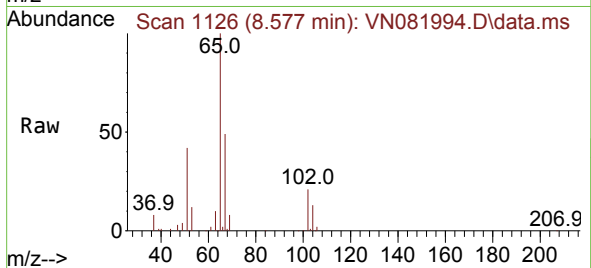
ClientSampleId :

Tgt Ion: 65 Resp: 133360

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081994.D

Acq: 03 May 2024 16:12

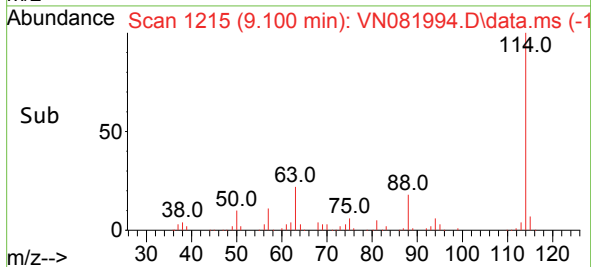
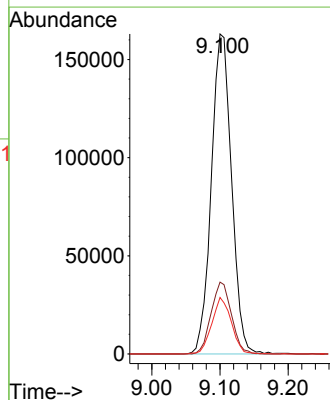
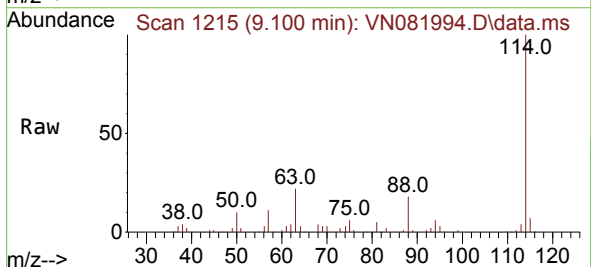
Tgt Ion: 114 Resp: 337094

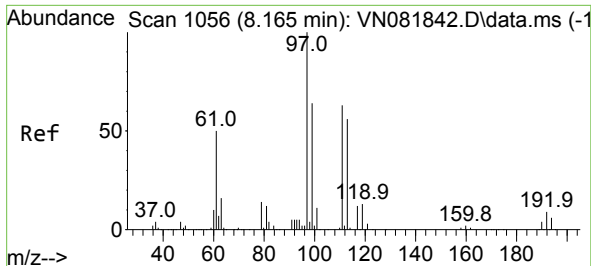
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 17.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.990 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

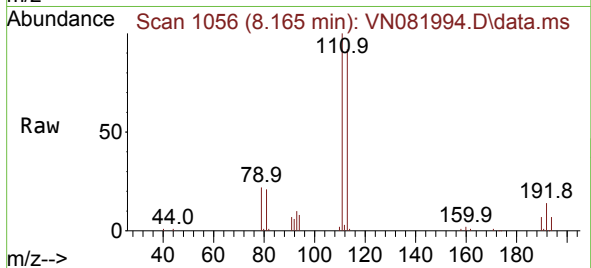
Lab File: VN081994.D

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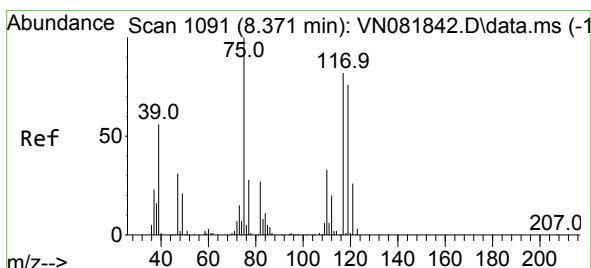
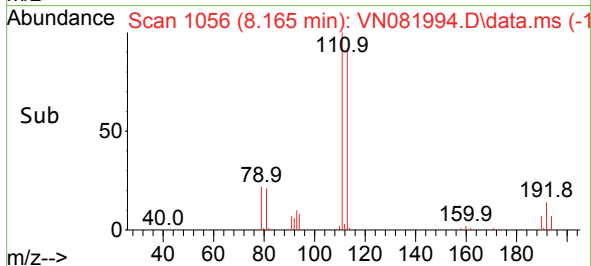
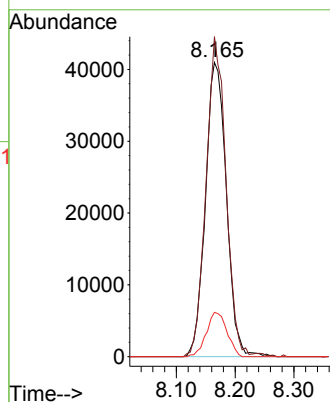
Tgt Ion:113 Resp: 101460

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 14.8 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.819 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081994.D

Acq: 03 May 2024 16:12

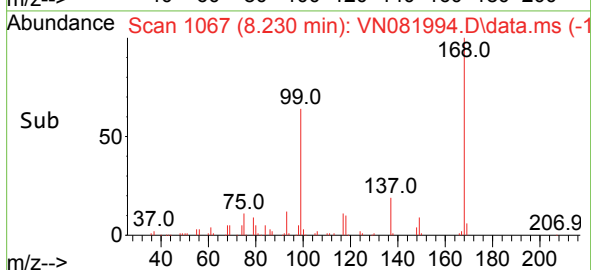
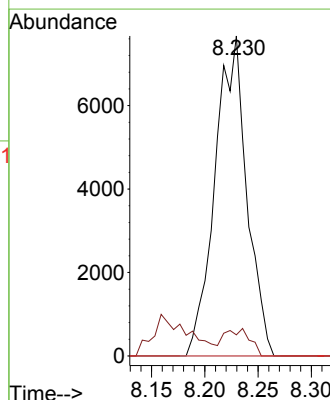
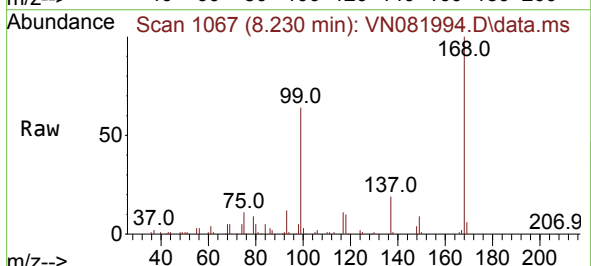
Tgt Ion: 75 Resp: 15913

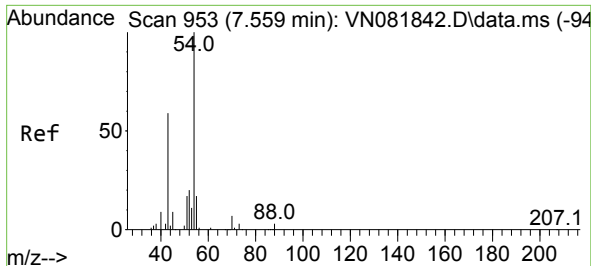
Ion Ratio Lower Upper

75 100

110 6.7 17.8 53.5#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.204 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

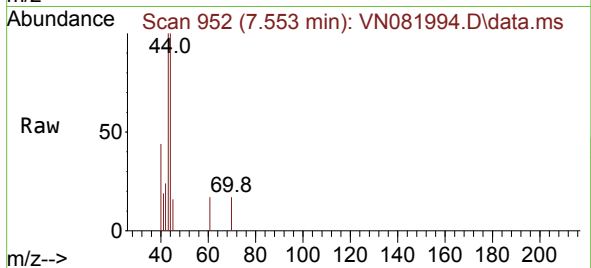
Lab File: VN081994.D

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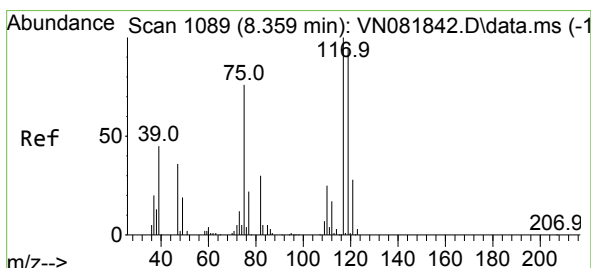
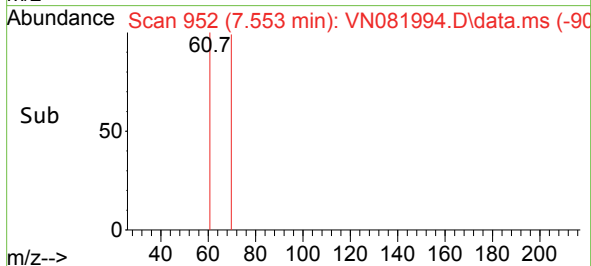
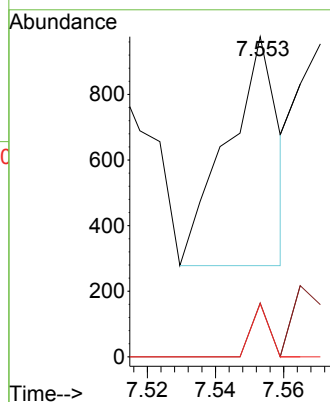
Tgt Ion: 43 Resp: 727

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 7.8 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.737 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN081994.D

Acq: 03 May 2024 16:12

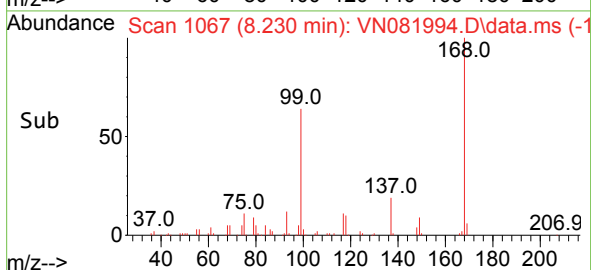
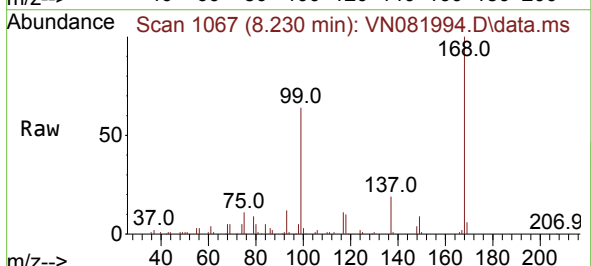
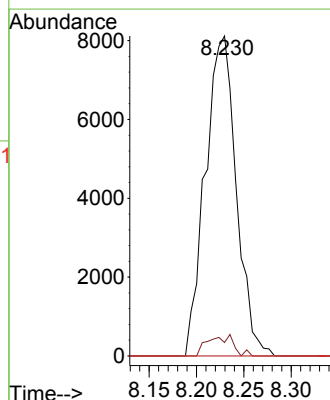
Tgt Ion: 117 Resp: 18514

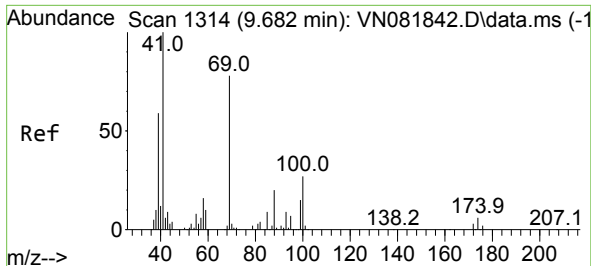
Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

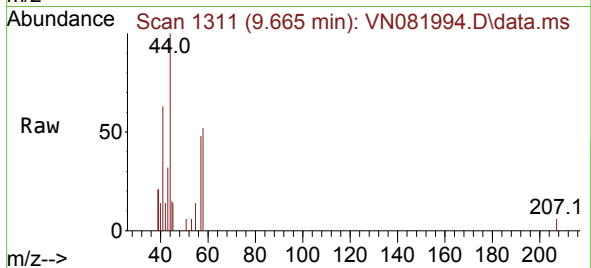
121 0.0 23.9 35.9#



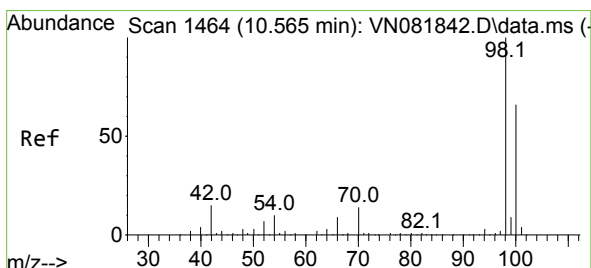
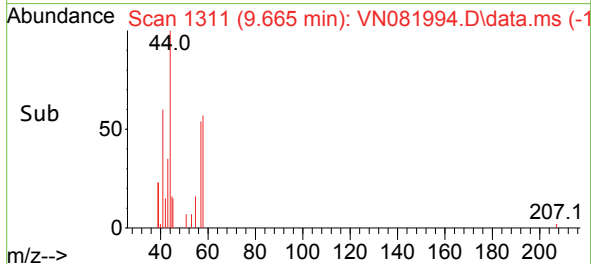
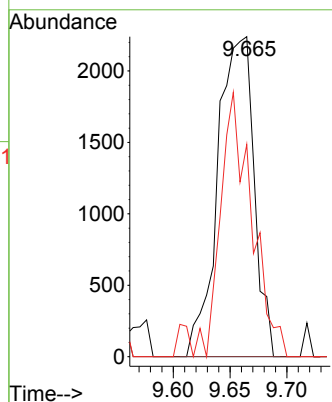


#48
Methyl methacrylate
Concen: 1.555 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :

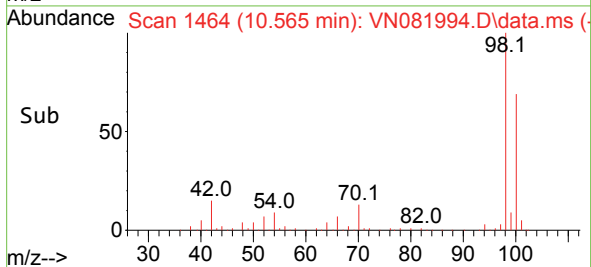
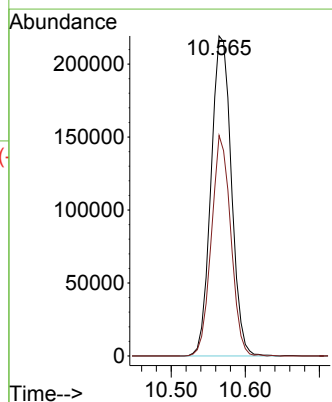
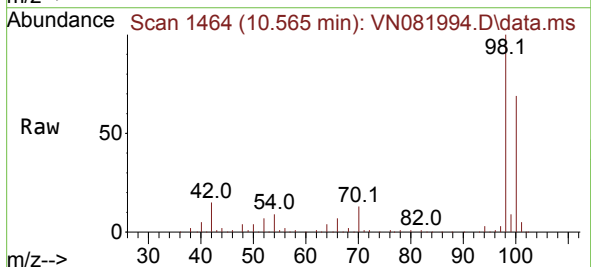


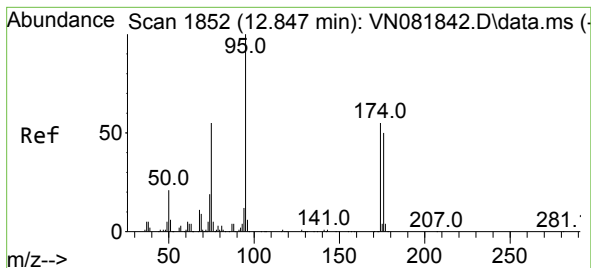
Tgt Ion: 41 Resp: 4984
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 71.3 50.9 76.3



#50
Toluene-d8
Concen: 52.324 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

Tgt Ion: 98 Resp: 417081
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6

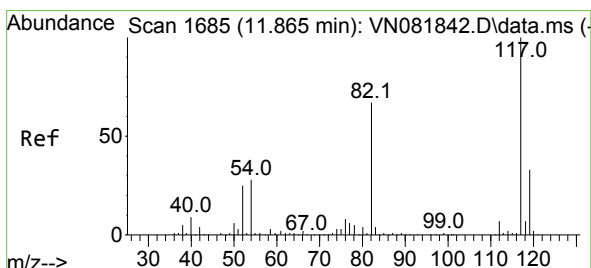
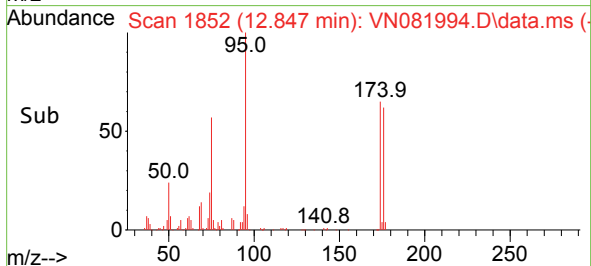
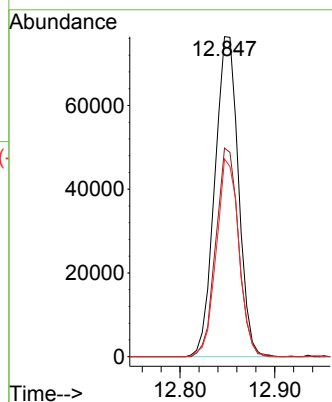
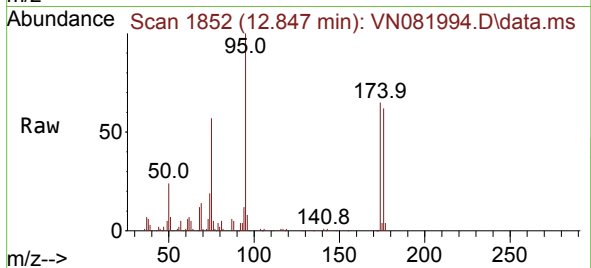




#62
4-Bromofluorobenzene
Concen: 42.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

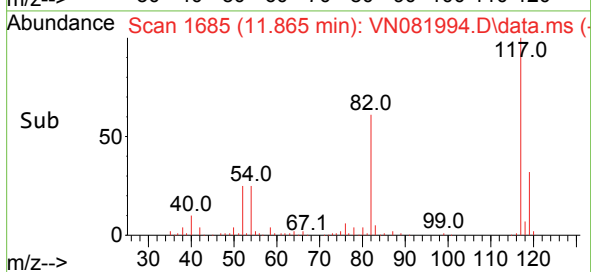
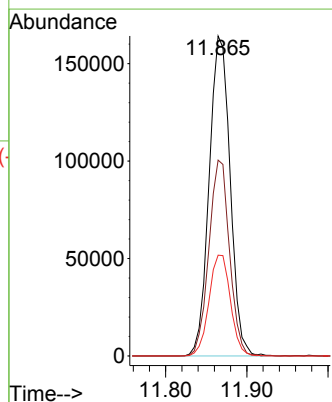
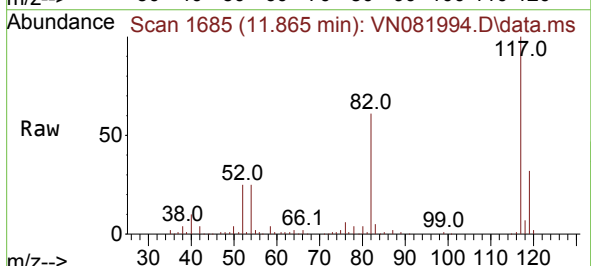
Instrument :
MSVOA_N
ClientSampleId :

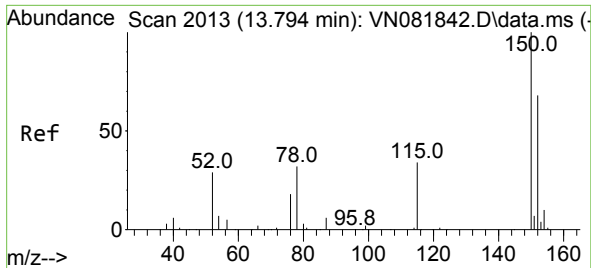
Tgt Ion: 95 Resp: 132597
Ion Ratio Lower Upper
95 100
174 62.8 0.0 160.6
176 59.2 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

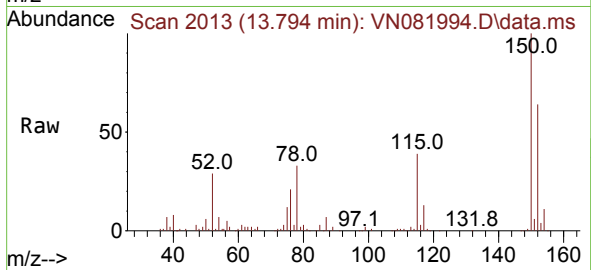
Tgt Ion: 117 Resp: 294345
Ion Ratio Lower Upper
117 100
82 61.2 44.6 66.8
119 31.5 25.9 38.9



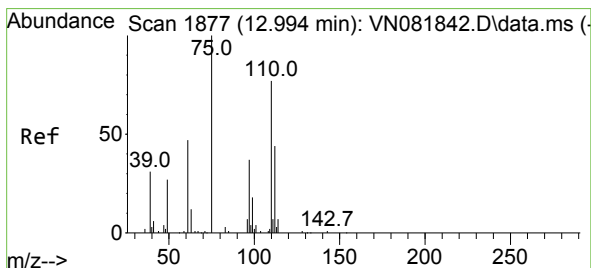
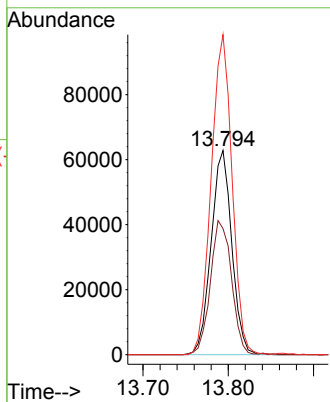
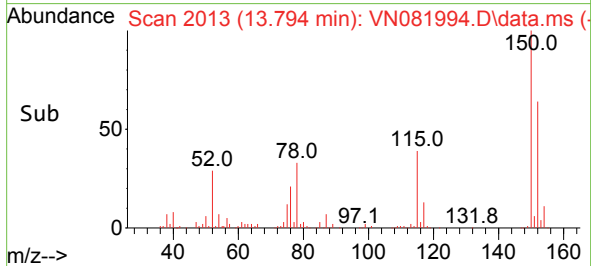


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :

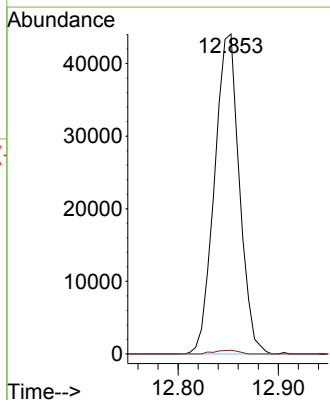
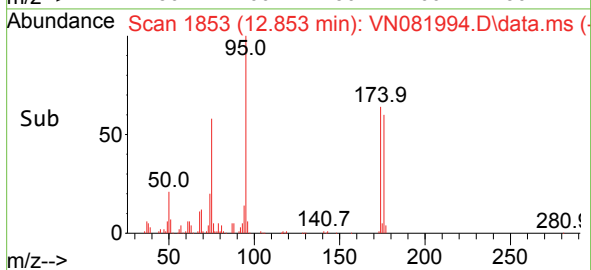
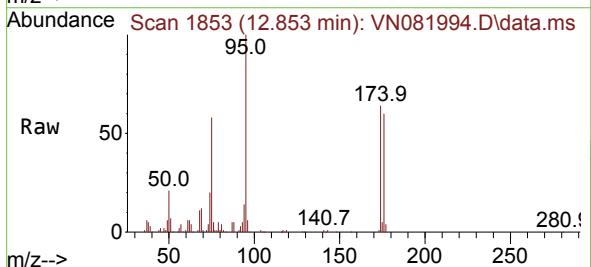


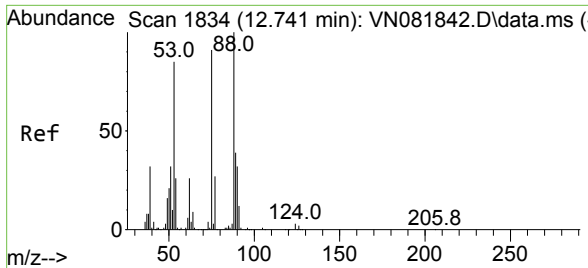
Tgt Ion:152 Resp: 105780
Ion Ratio Lower Upper
152 100
115 67.2 30.4 91.3
150 158.3 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 27.687 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081994.D
Acq: 03 May 2024 16:12

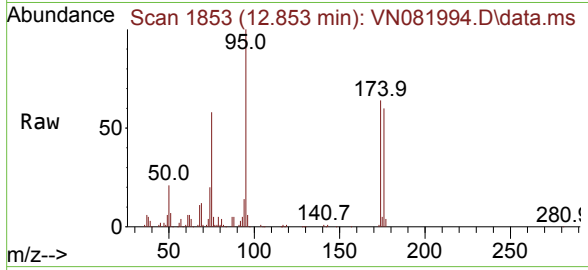
Tgt Ion: 75 Resp: 75936
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.735 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081994.D
 Acq: 03 May 2024 16:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 75936
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

