

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081995.D
 Acq On : 03 May 2024 16:36
 Operator : JC\MD
 Sample : P2379-02 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:57:30 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)

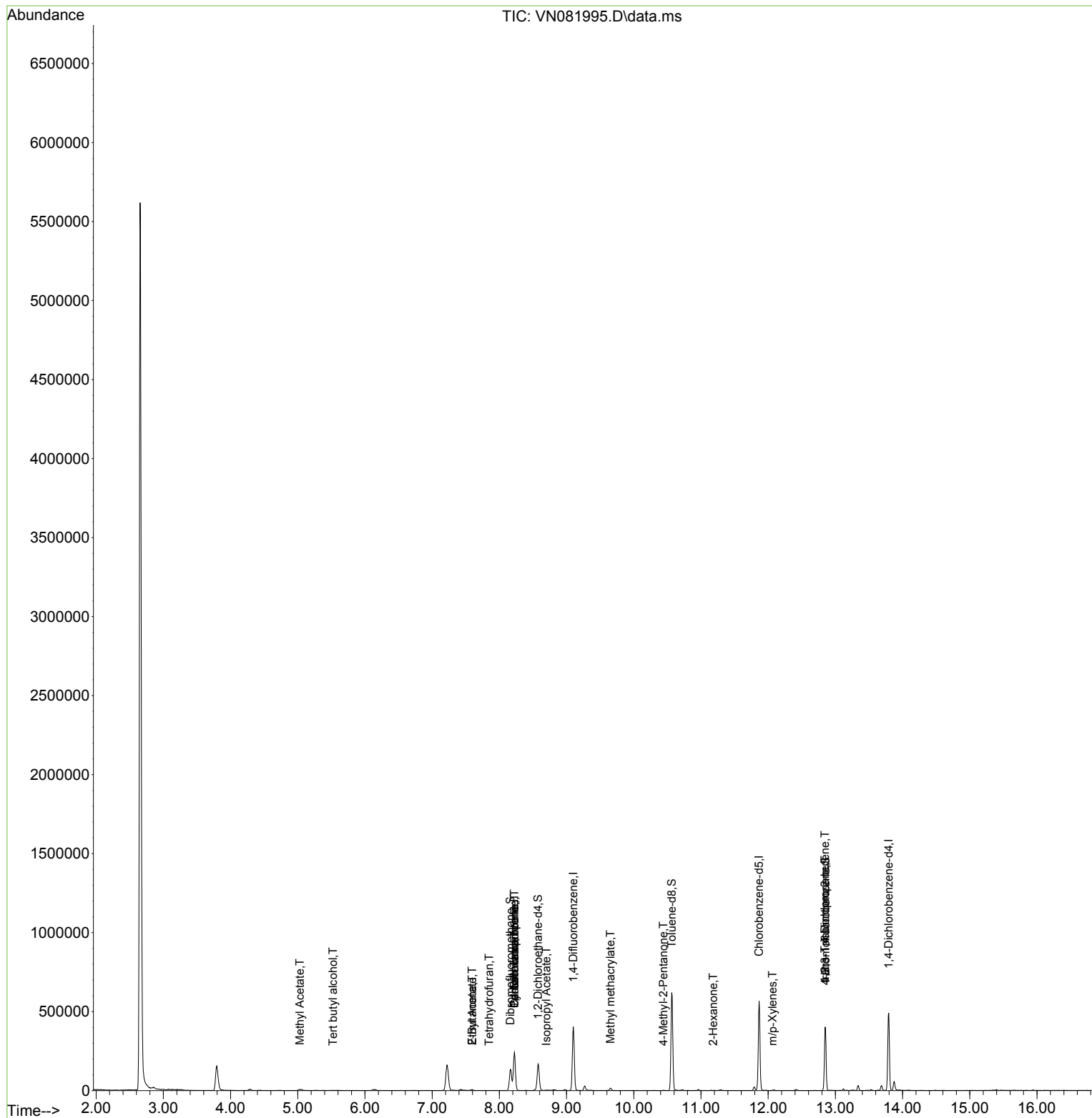
Internal Standards						
1) Pentafluorobenzene	8.224	168	158418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129168	48.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	8.165	113	98510	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	10.565	98	415551	52.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.860%		
62) 4-Bromofluorobenzene	12.853	95	145514	46.441	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	92.880%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	704	Below Cal	#	65
11) Tert butyl alcohol	5.524	59	549	1.130	ug/l #	71
13) Acrolein	4.177	56	176	Below Cal	#	1
16) Acetone	4.448	43	3737	Below Cal	#	81
18) Methyl Acetate	5.030	43	16133	5.957	ug/l #	89
25) 2-Butanone	7.594	43	3008	1.982	ug/l #	43
29) Tetrahydrofuran	7.847	42	321	0.295	ug/l #	29
31) Cyclohexane	8.224	56	5012	1.244	ug/l #	17
36) 1,1-Dichloropropene	8.224	75	16216	4.939	ug/l #	48
37) Ethyl Acetate	7.594	43	3121	0.879	ug/l #	1
38) Carbon Tetrachloride	8.224	117	17250	5.375	ug/l #	12
43) Isopropyl Acetate	8.700	43	1881	0.282	ug/l #	56
48) Methyl methacrylate	9.653	41	5177	1.625	ug/l #	33
51) 4-Methyl-2-Pentanone	10.441	43	1021	0.272	ug/l #	77
59) 2-Hexanone	11.182	43	635	0.227	ug/l	71
68) m/p-Xylenes	12.065	106	971	0.225	ug/l	93
76) 1,2,3-Trichloropropane	12.847	75	80915	25.640	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80915	52.539	ug/l #	12

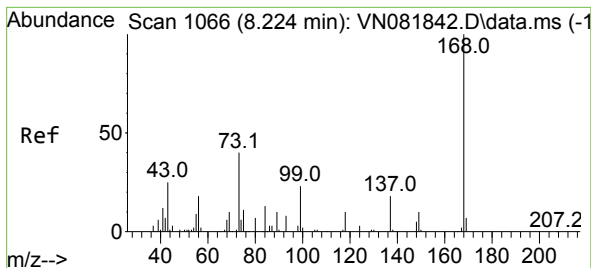
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
Data File : VN081995.D
Acq On : 03 May 2024 16:36
Operator : JC\MD
Sample : P2379-02 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 06 01:57:30 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081995.D

Acq: 03 May 2024 16:36

Instrument :

MSVOA_N

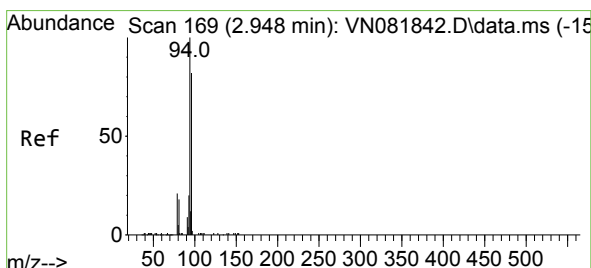
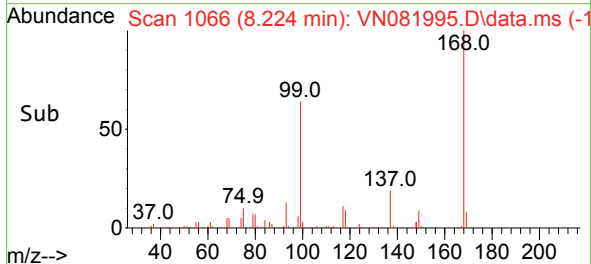
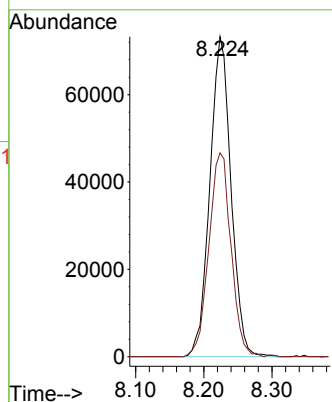
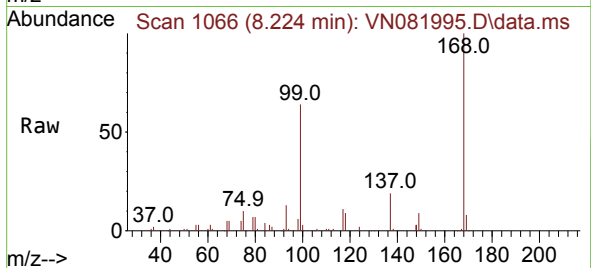
ClientSampleId :

Tgt Ion:168 Resp: 158418

Ion Ratio Lower Upper

168 100

99 63.7 48.2 72.4



#5

Bromomethane

Concen: Below Cal

RT: 2.924 min Scan# 165

Delta R.T. -0.024 min

Lab File: VN081995.D

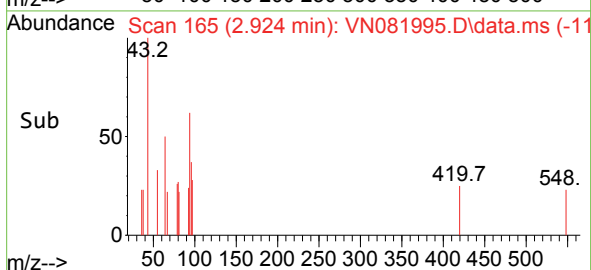
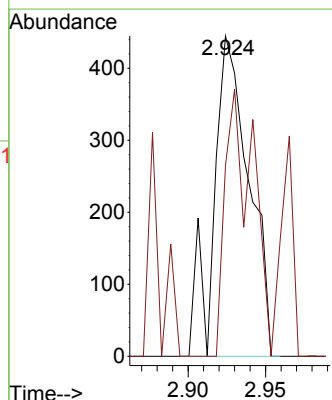
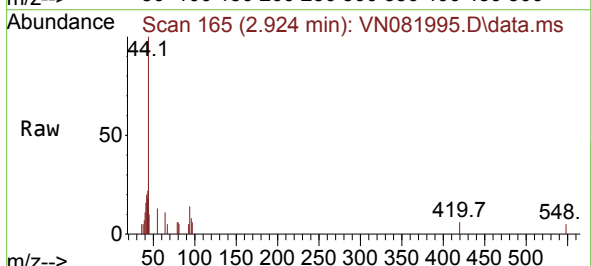
Acq: 03 May 2024 16:36

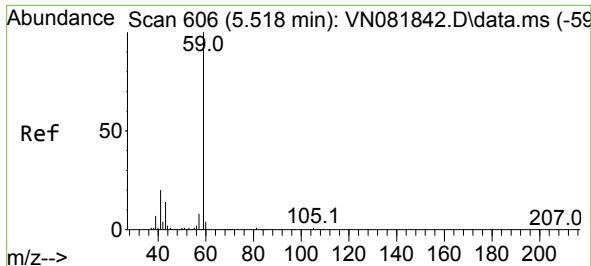
Tgt Ion: 94 Resp: 704

Ion Ratio Lower Upper

94 100

96 59.6 74.8 112.2#





#11

Tert butyl alcohol

Concen: 1.130 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

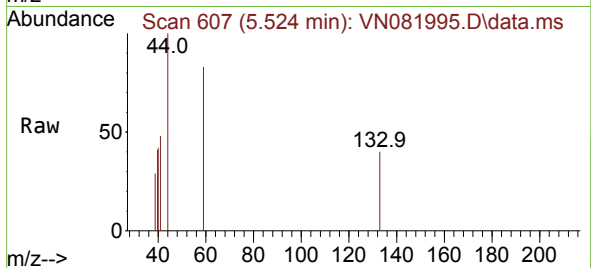
Lab File: VN081995.D

Acq: 03 May 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

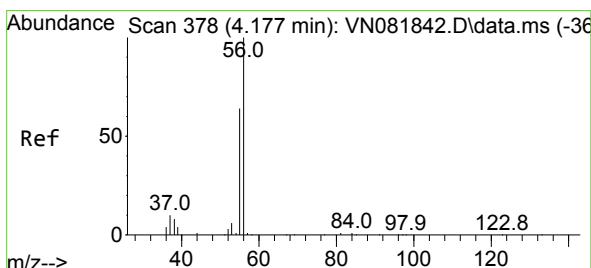
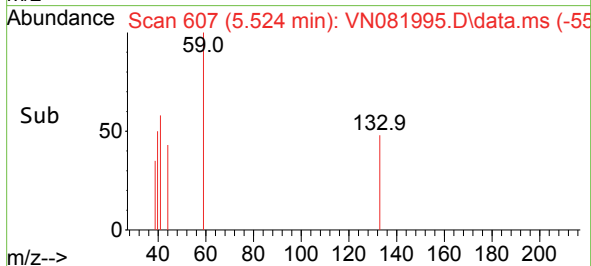
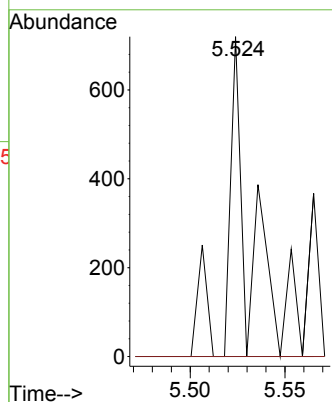


Tgt Ion: 59 Resp: 549

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: VN081995.D

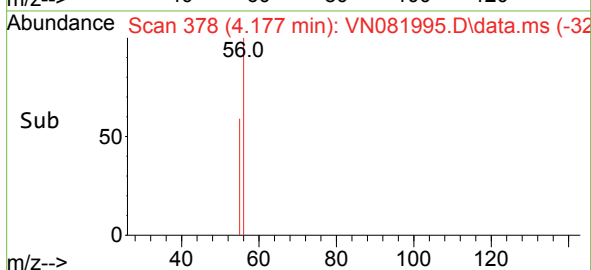
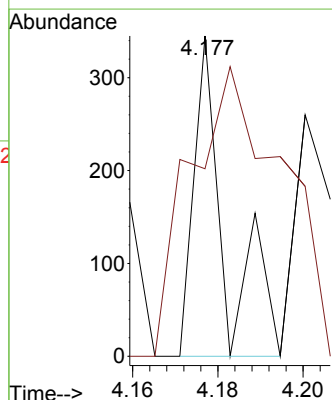
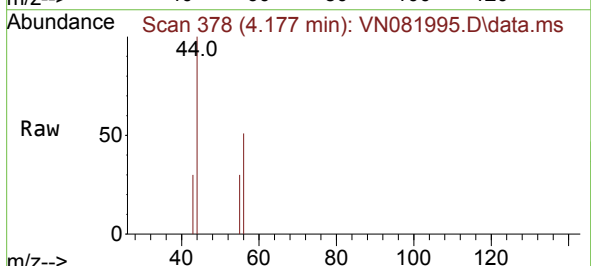
Acq: 03 May 2024 16:36

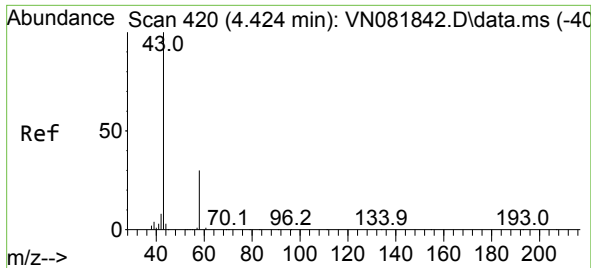
Tgt Ion: 56 Resp: 176

Ion Ratio Lower Upper

56 100

55 268.2 55.8 83.8#

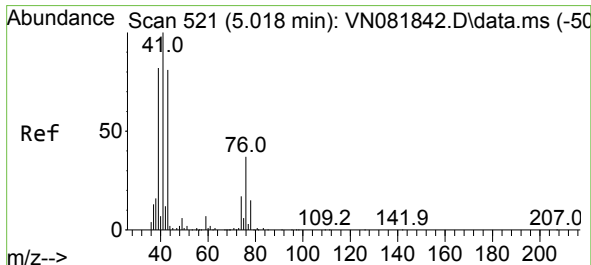
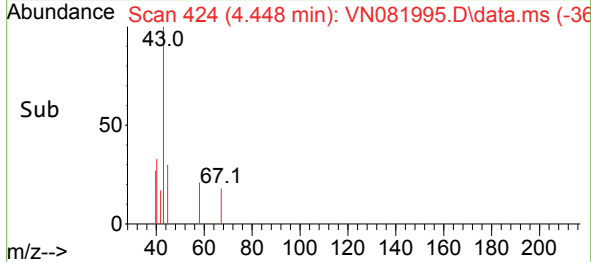
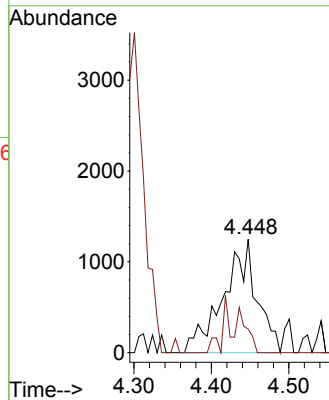
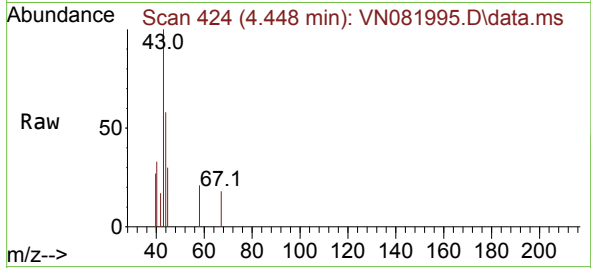




#16
Acetone
Concen: Below Cal
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

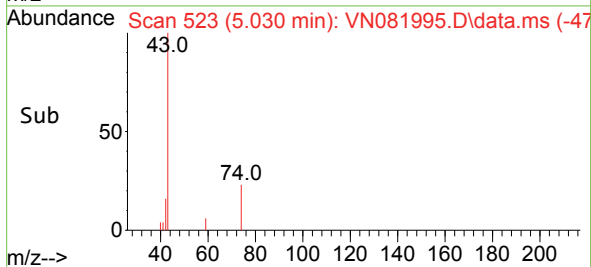
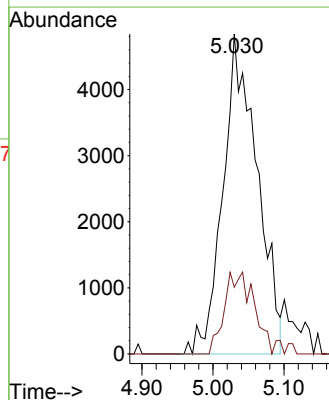
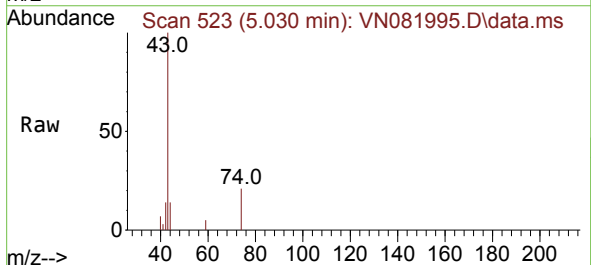
Instrument :
MSVOA_N
ClientSampleId :

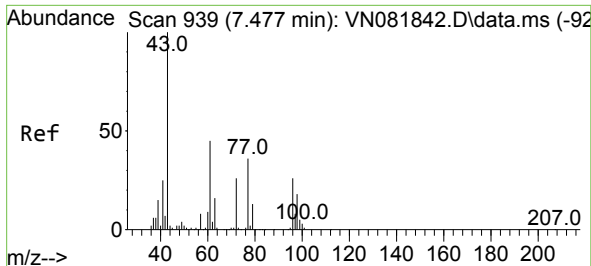
Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
58 20.9 25.2 37.8#



#18
Methyl Acetate
Concen: 5.957 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Tgt Ion: 43 Resp: 16133
Ion Ratio Lower Upper
43 100
74 22.1 22.2 33.2#

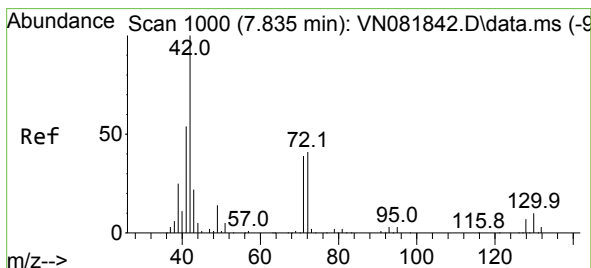
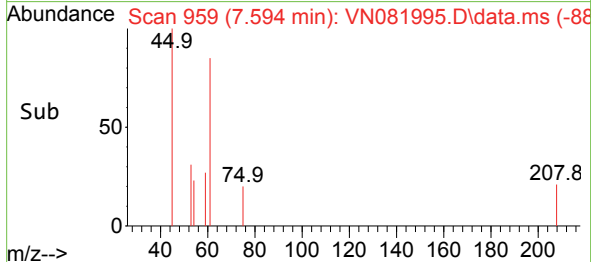
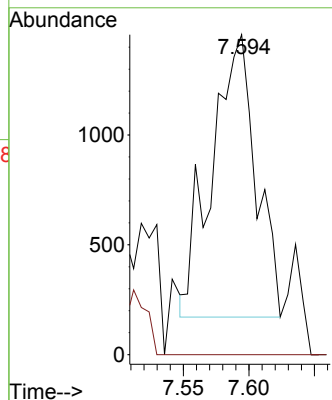
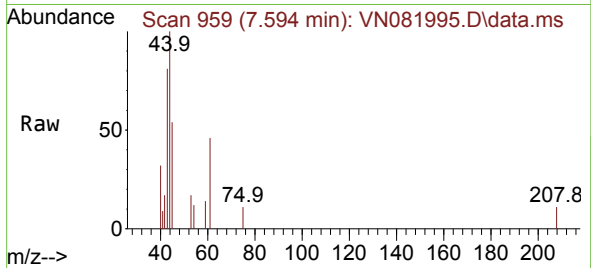




#25
2-Butanone
Concen: 1.982 ug/l
RT: 7.594 min Scan# 91
Delta R.T. 0.118 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

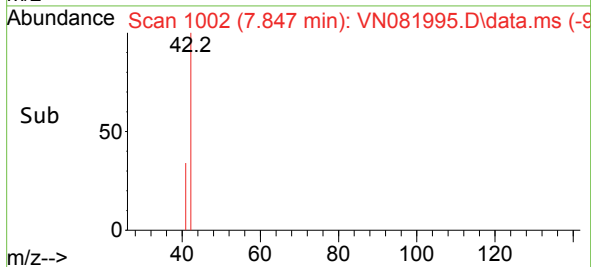
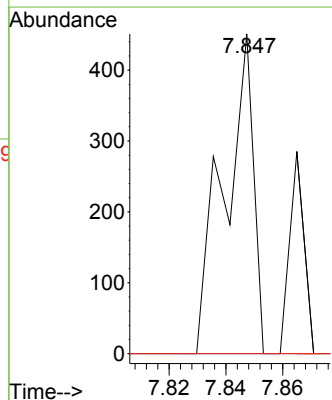
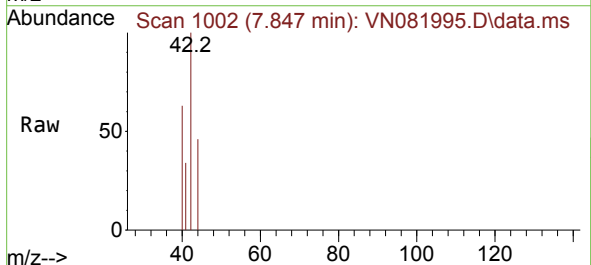
Instrument :
MSVOA_N
ClientSampleId :

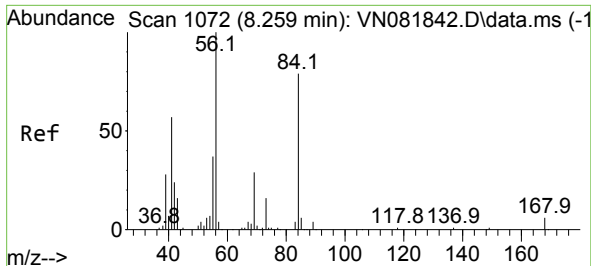
Tgt Ion: 43 Resp: 3008
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

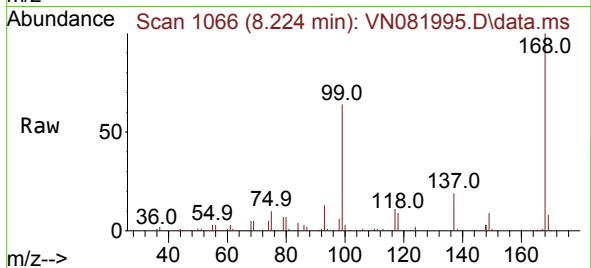
Tgt Ion: 42 Resp: 321
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#



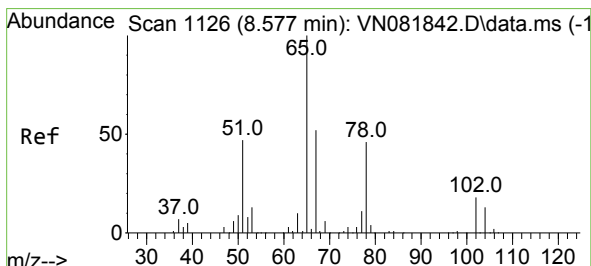
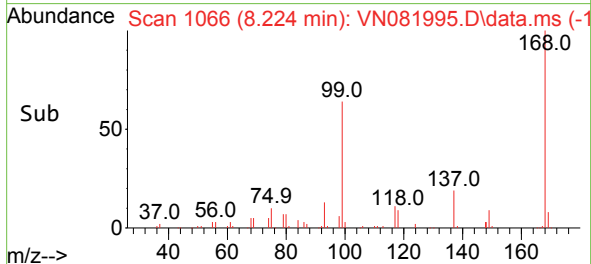
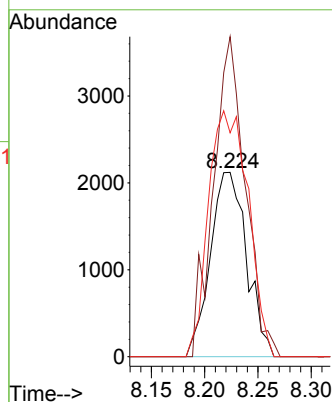


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

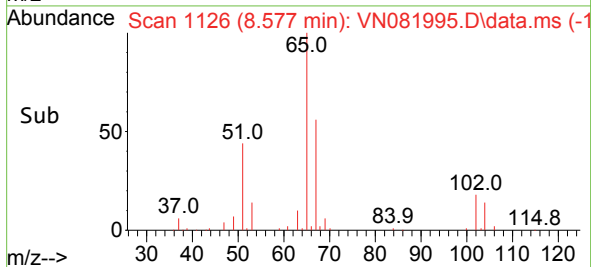
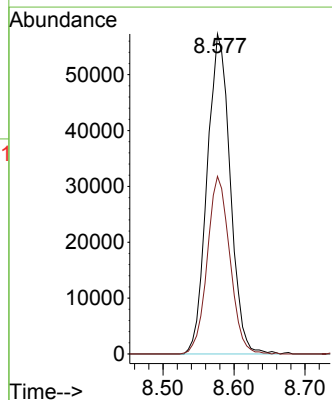
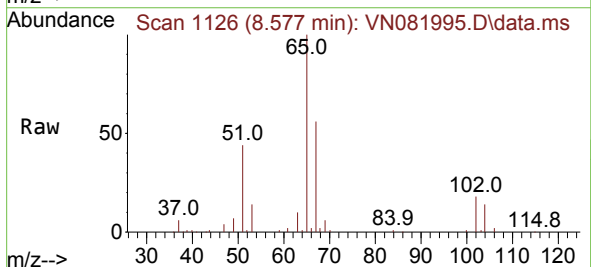


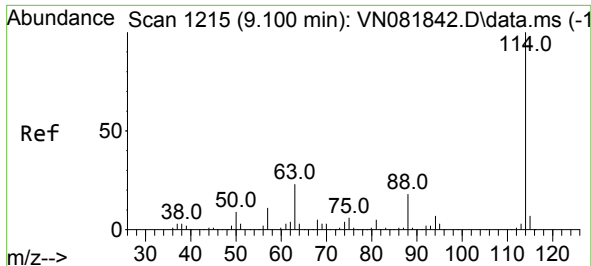
Tgt Ion: 56 Resp: 5012
Ion Ratio Lower Upper
56 100
69 173.6 24.4 36.6#
84 121.5 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 48.311 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Tgt Ion: 65 Resp: 129168
Ion Ratio Lower Upper
65 100
67 54.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081995.D

Acq: 03 May 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

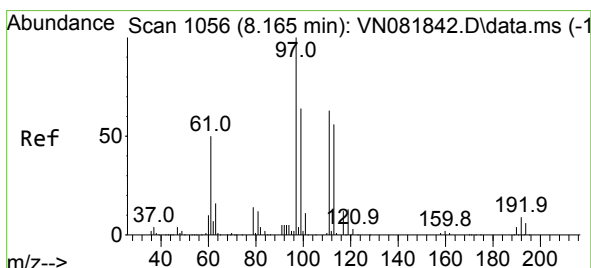
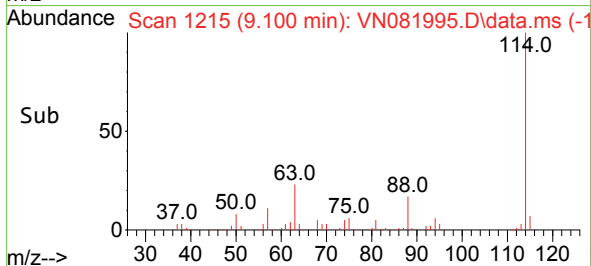
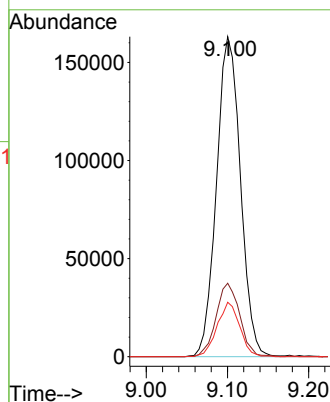
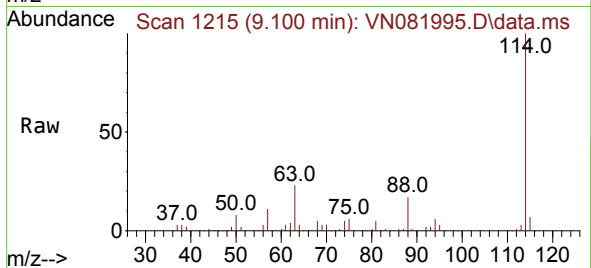
Tgt Ion:114 Resp: 335203

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.811 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081995.D

Acq: 03 May 2024 16:36

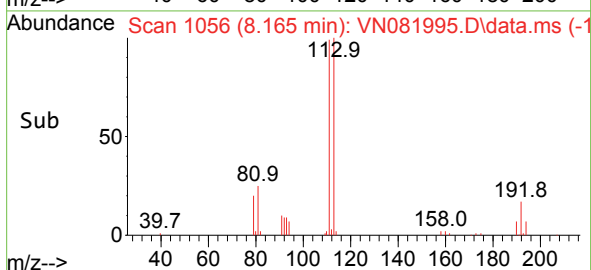
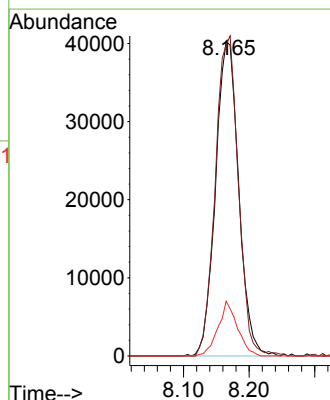
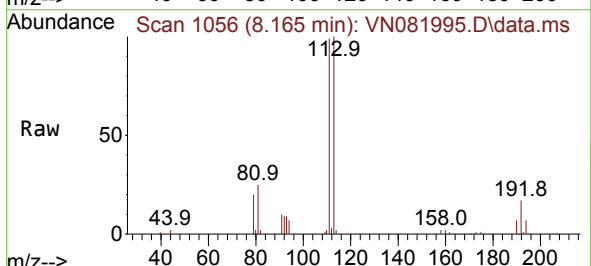
Tgt Ion:113 Resp: 98510

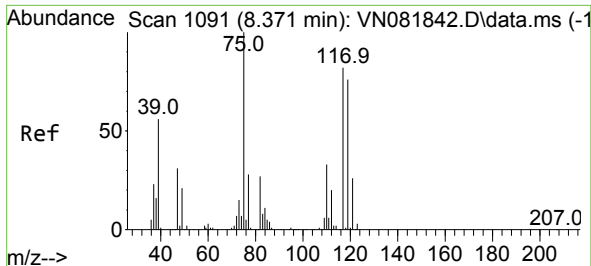
Ion Ratio Lower Upper

113 100

111 101.2 83.4 125.2

192 14.6 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

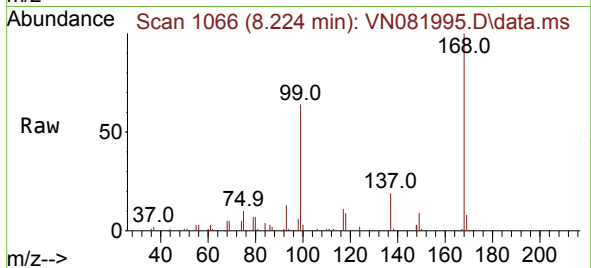
Lab File: VN081995.D

Acq: 03 May 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :



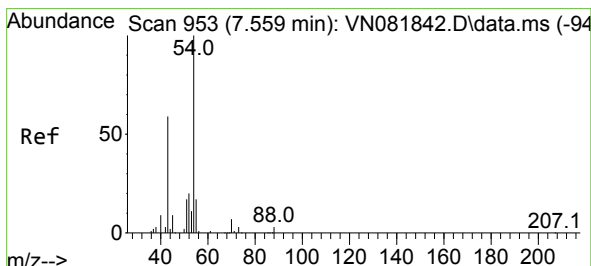
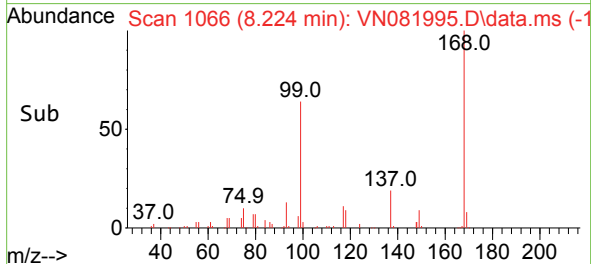
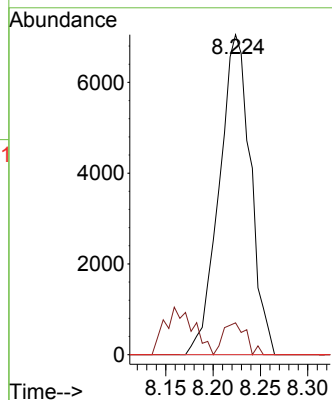
Tgt Ion: 75 Resp: 16216

Ion Ratio Lower Upper

75 100

110 7.3 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.879 ug/l

RT: 7.594 min Scan# 959

Delta R.T. 0.035 min

Lab File: VN081995.D

Acq: 03 May 2024 16:36

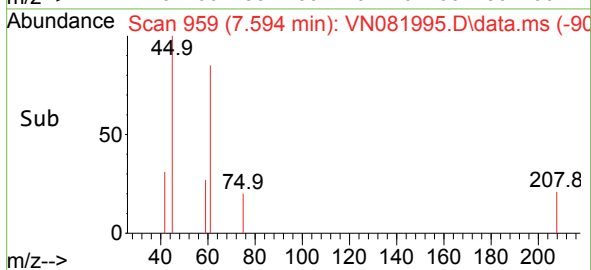
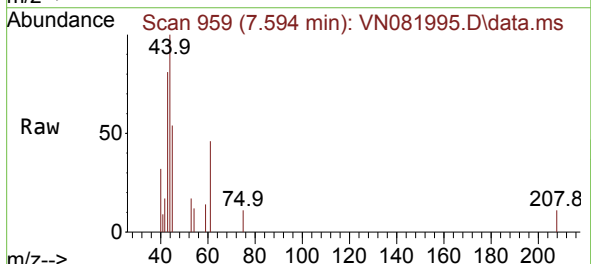
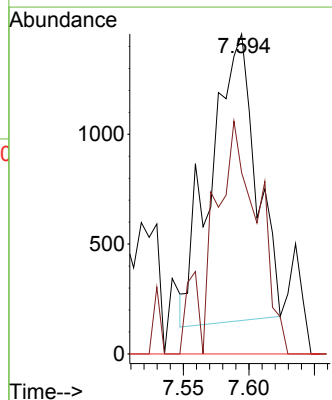
Tgt Ion: 43 Resp: 3121

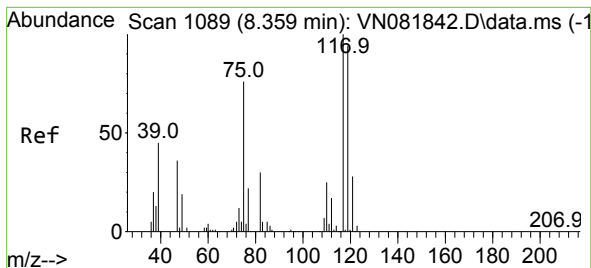
Ion Ratio Lower Upper

43 100

61 81.2 11.3 16.9#

70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.375 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

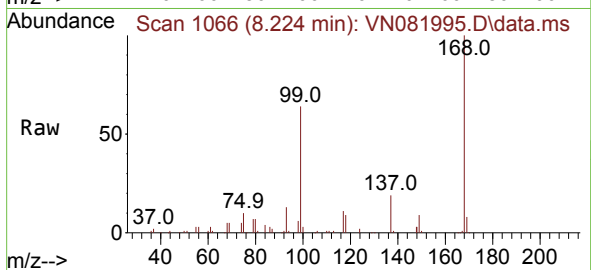
Lab File: VN081995.D

Acq: 03 May 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :



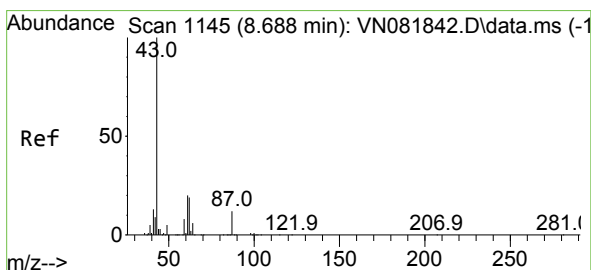
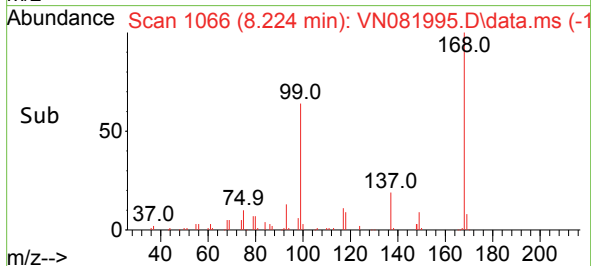
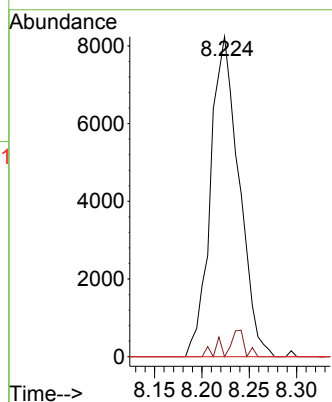
Tgt Ion:117 Resp: 17250

Ion Ratio Lower Upper

117 100

119 0.0 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.282 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN081995.D

Acq: 03 May 2024 16:36

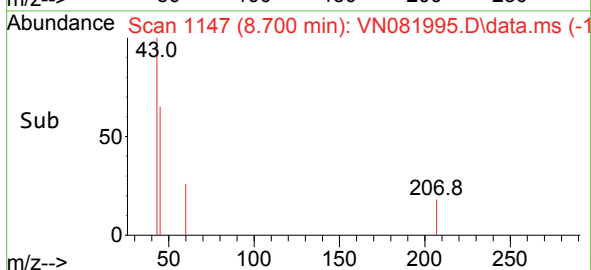
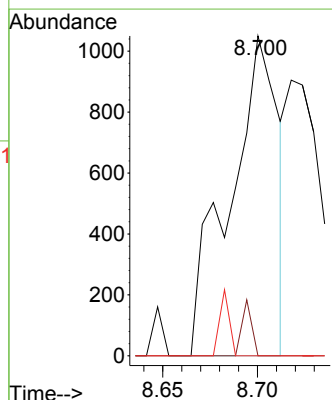
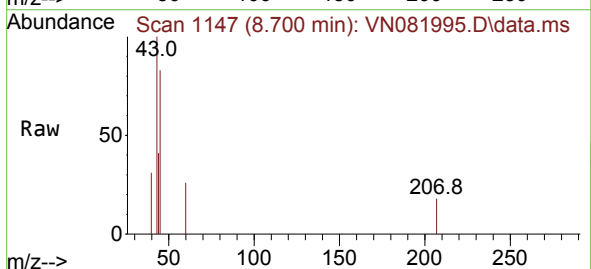
Tgt Ion: 43 Resp: 1881

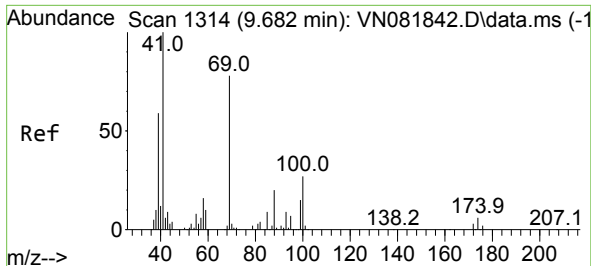
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

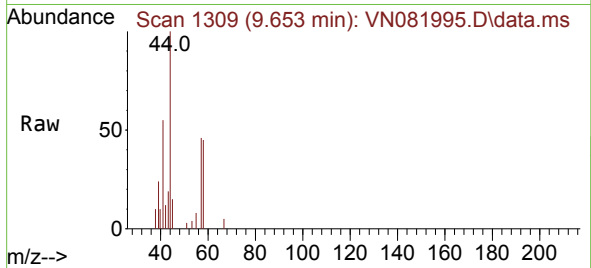
87 4.1 12.0 18.0#



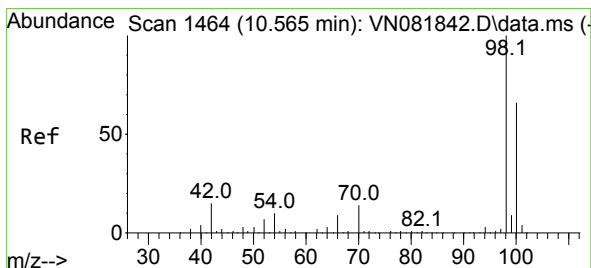
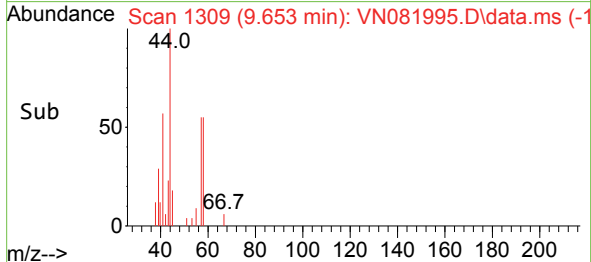
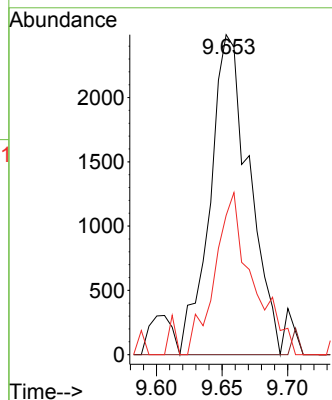


#48
Methyl methacrylate
Concen: 1.625 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.029 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

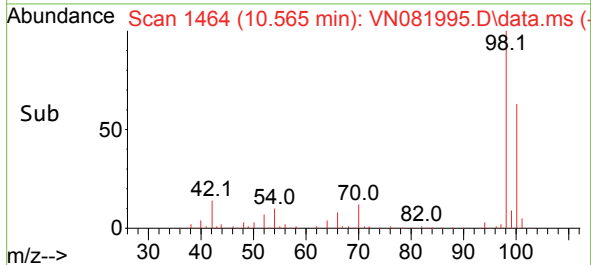
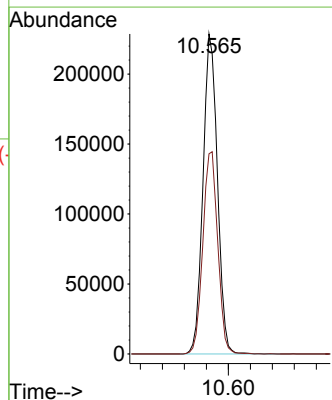
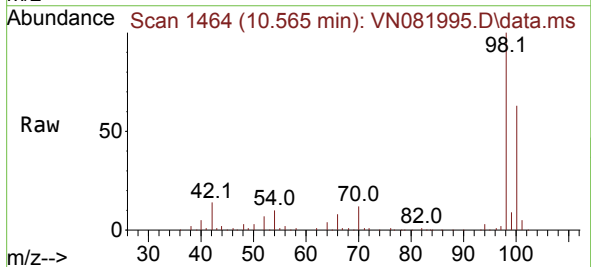


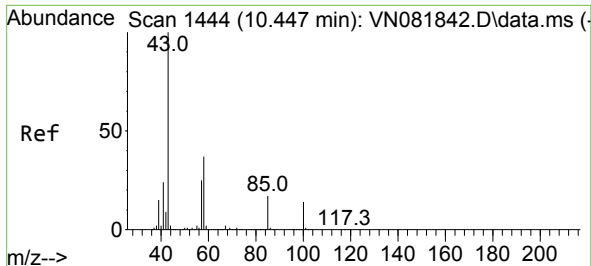
Tgt Ion: 41 Resp: 5177
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 48.9 50.9 76.3#



#50
Toluene-d8
Concen: 52.426 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Tgt Ion: 98 Resp: 415551
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

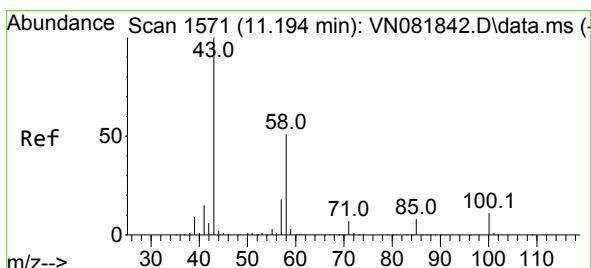
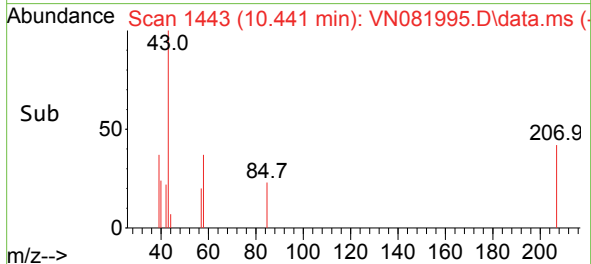
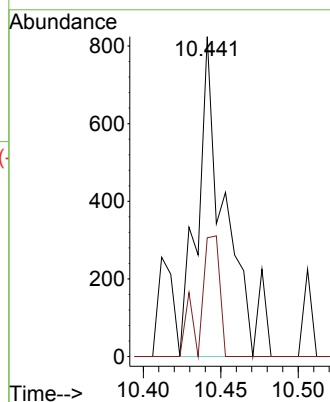
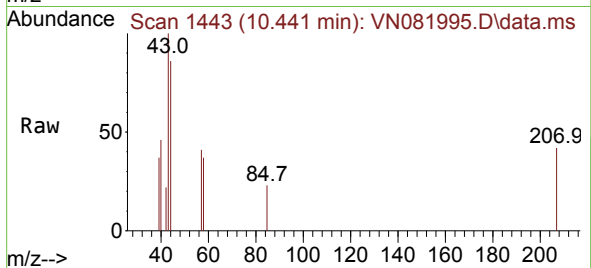




#51
4-Methyl-2-Pentanone
Concen: 0.272 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

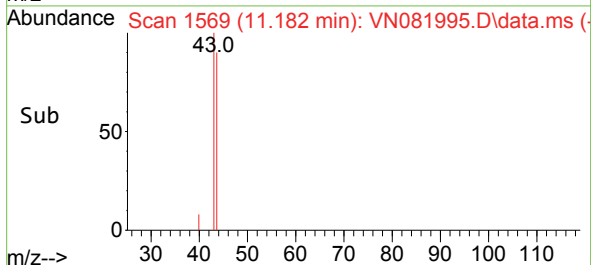
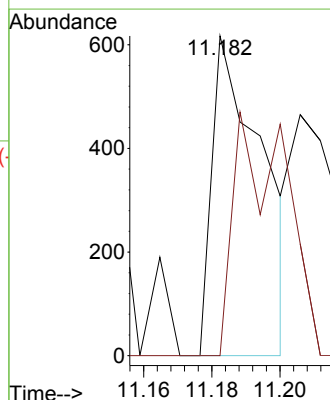
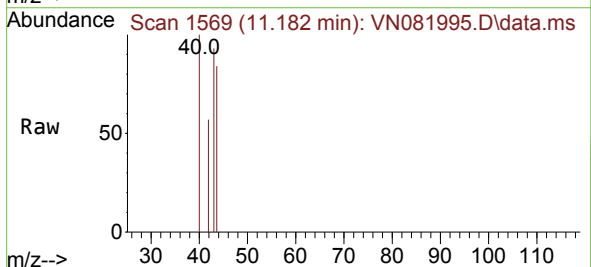
Instrument :
MSVOA_N
ClientSampleId :

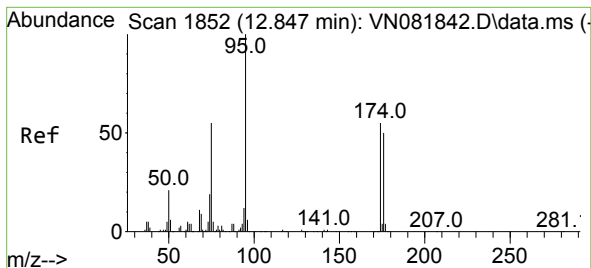
Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
58 27.0 33.2 49.8#



#59
2-Hexanone
Concen: 0.227 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.012 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 78.1 28.3 84.9

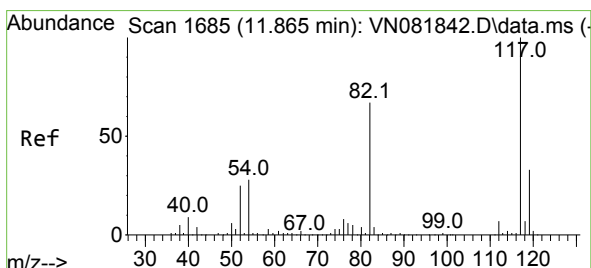
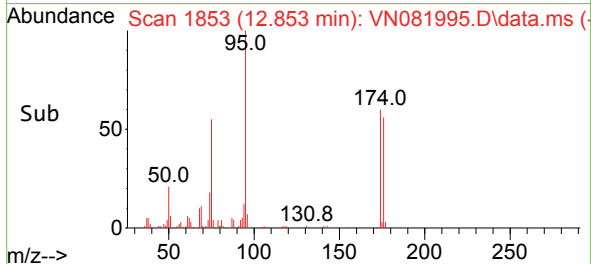
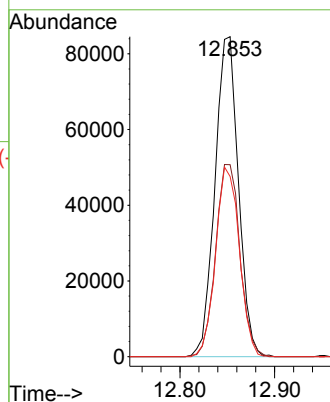
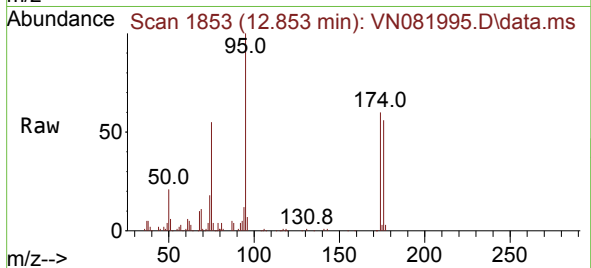




#62
4-Bromofluorobenzene
Concen: 46.441 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

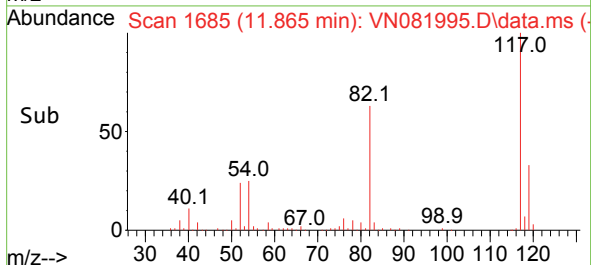
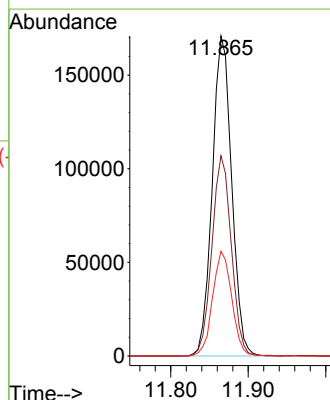
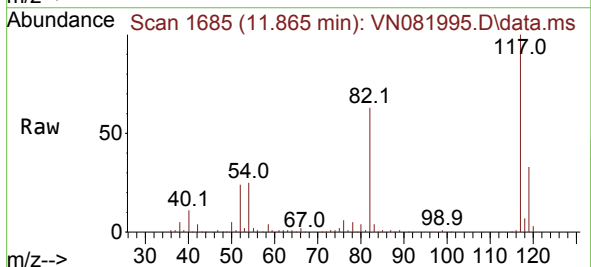
Instrument :
MSVOA_N
ClientSampleId :

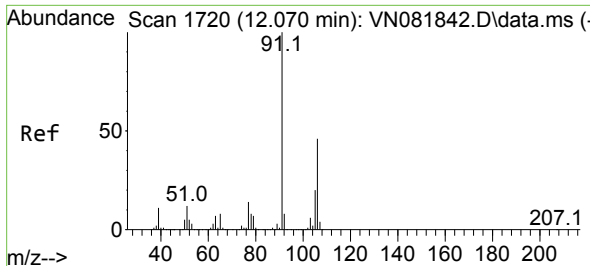
Tgt Ion: 95 Resp: 145514
Ion Ratio Lower Upper
95 100
174 62.4 0.0 160.6
176 59.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Tgt Ion: 117 Resp: 297253
Ion Ratio Lower Upper
117 100
82 62.6 44.6 66.8
119 32.7 25.9 38.9

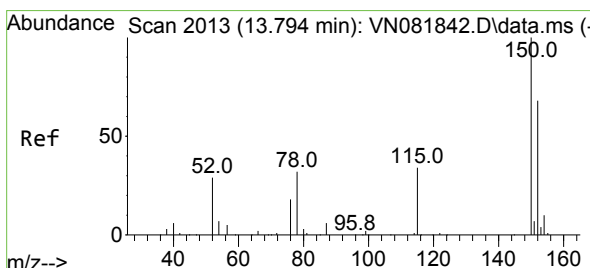
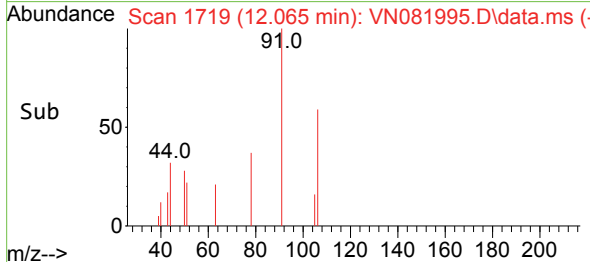
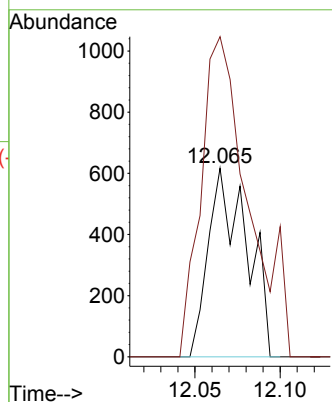
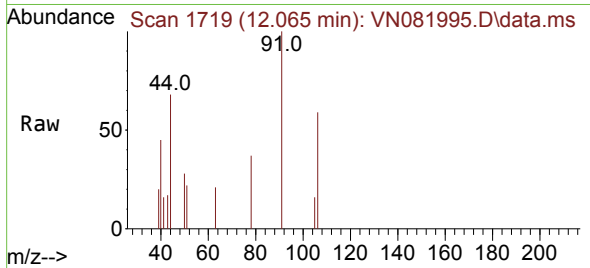




#68
m/p-Xylenes
Concen: 0.225 ug/l
RT: 12.065 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

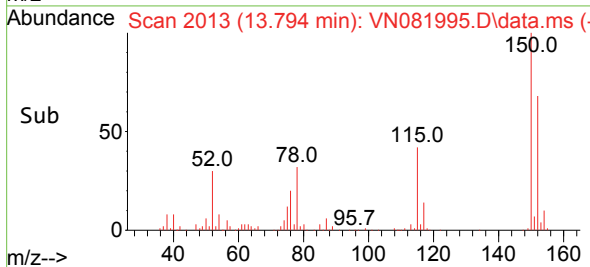
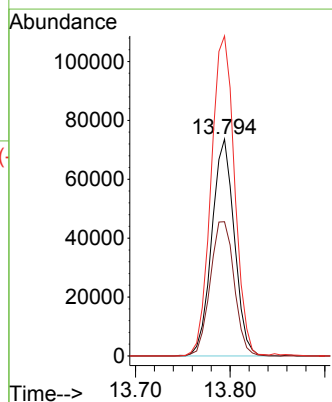
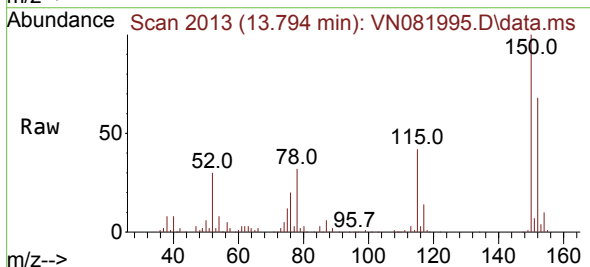
Instrument :
MSVOA_N
ClientSampleId :

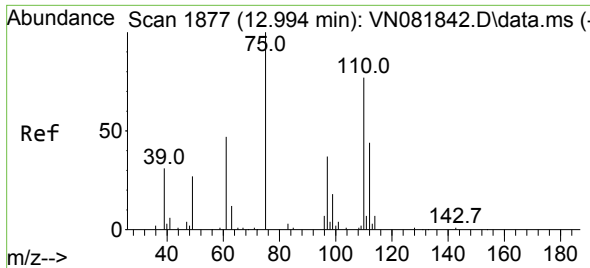
Tgt Ion:106 Resp: 971
Ion Ratio Lower Upper
106 100
91 209.2 159.4 239.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Tgt Ion:152 Resp: 121717
Ion Ratio Lower Upper
152 100
115 65.8 30.4 91.3
150 153.6 0.0 353.2

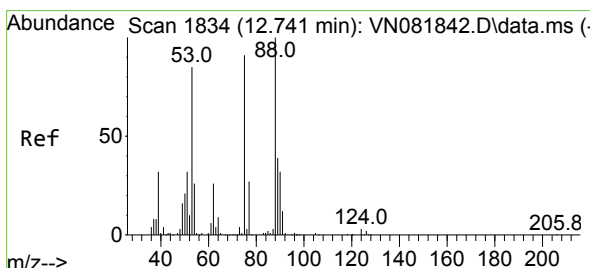
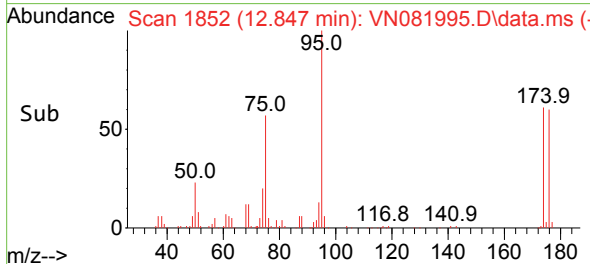
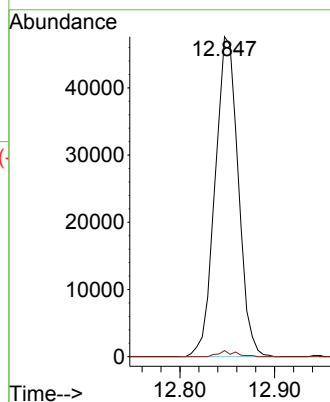
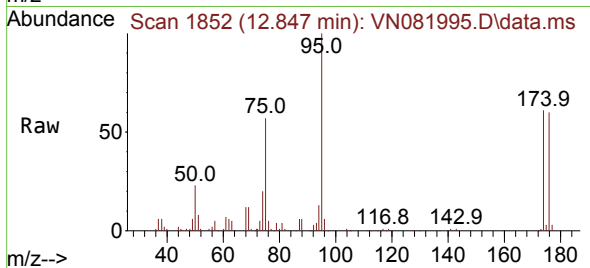




#76
1,2,3-Trichloropropane
Concen: 25.640 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 80915
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.539 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081995.D
Acq: 03 May 2024 16:36

Tgt Ion: 75 Resp: 80915
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

