

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081996.D
 Acq On : 03 May 2024 17:00
 Operator : JC\MD
 Sample : P2379-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:57:55 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)

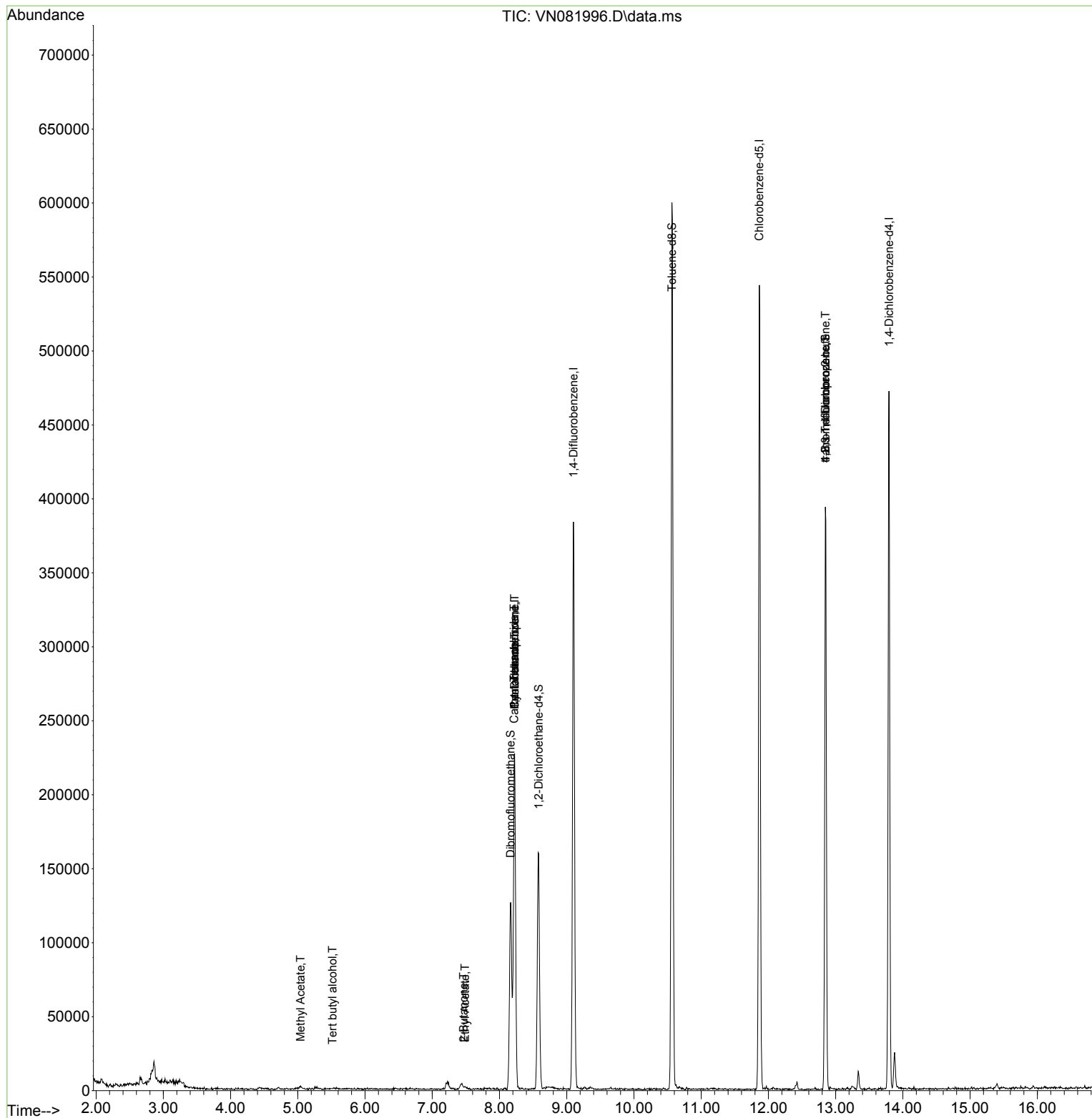
Internal Standards						
1) Pentafluorobenzene	8.224	168	151591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125717	49.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.280%		
35) Dibromofluoromethane	8.165	113	93981	48.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	10.565	98	402538	52.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.360%		
62) 4-Bromofluorobenzene	12.847	95	141756	46.934	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.860%		
Target Compounds						
5) Bromomethane	2.930	94	467	Below Cal	#	5
11) Tert butyl alcohol	5.518	59	330	0.710	ug/l #	73
13) Acrolein	4.183	56	143	Below Cal	#	15
16) Acetone	4.424	43	2174	Below Cal		94
18) Methyl Acetate	5.042	43	4086	1.577	ug/l #	64
25) 2-Butanone	7.465	43	839	0.578	ug/l #	43
31) Cyclohexane	8.224	56	4424	1.148	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15447	4.881	ug/l #	50
37) Ethyl Acetate	7.489	43	1928	0.563	ug/l #	73
38) Carbon Tetrachloride	8.218	117	16348	5.285	ug/l #	17
76) 1,2,3-Trichloropropane	12.847	75	77555	27.286	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77555	55.912	ug/l #	12

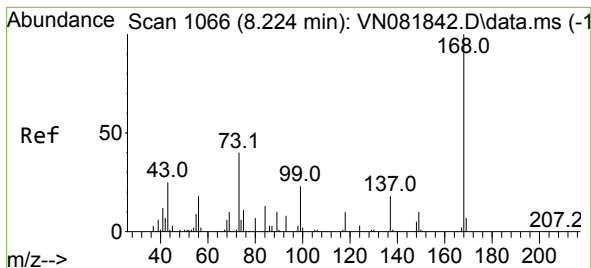
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN081996.D

Acq: 03 May 2024 17:00

Instrument :

MSVOA_N

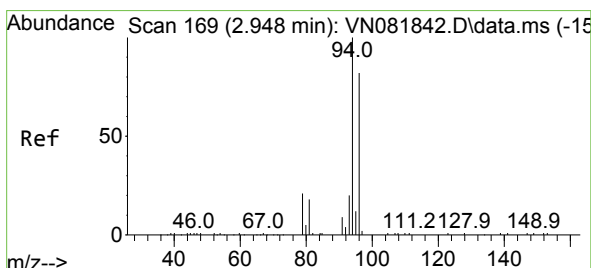
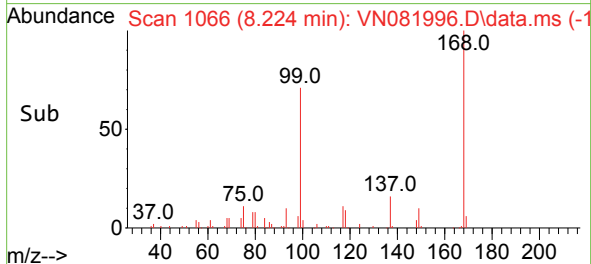
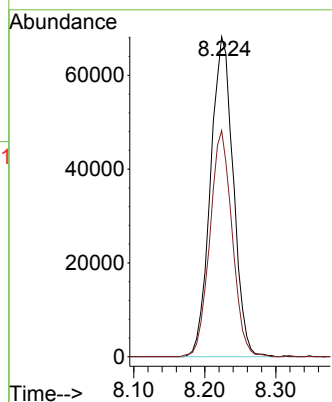
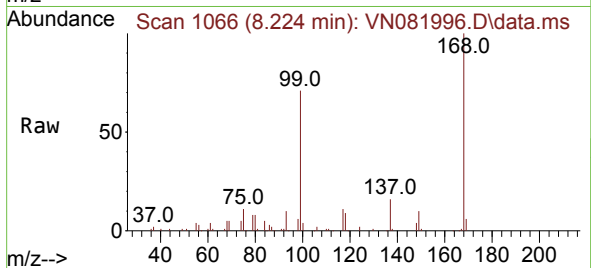
ClientSampleId :

Tgt Ion:168 Resp: 151591

Ion Ratio Lower Upper

168 100

99 70.7 48.2 72.4



#5

Bromomethane

Concen: Below Cal

RT: 2.930 min Scan# 166

Delta R.T. -0.018 min

Lab File: VN081996.D

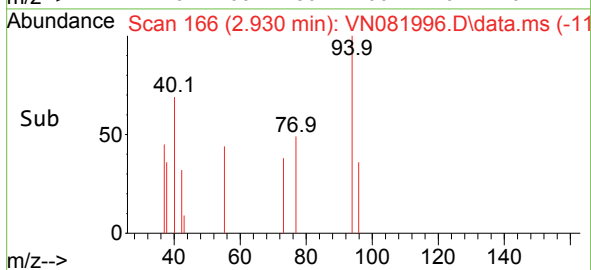
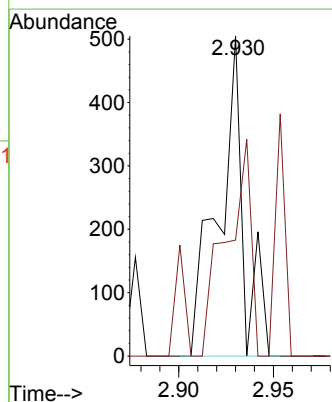
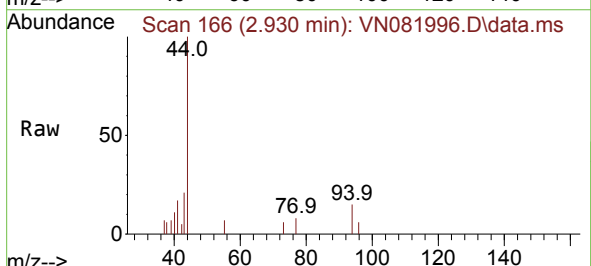
Acq: 03 May 2024 17:00

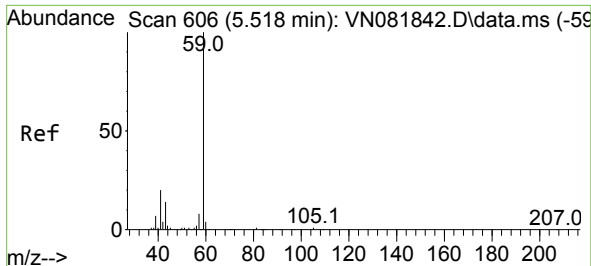
Tgt Ion: 94 Resp: 467

Ion Ratio Lower Upper

94 100

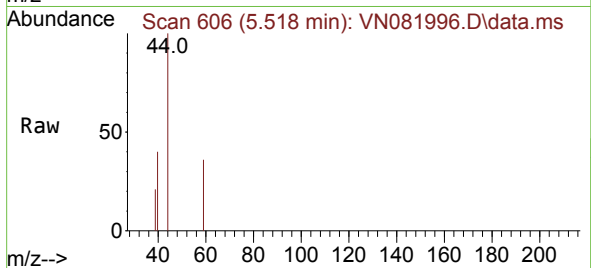
96 1.6 74.8 112.2#



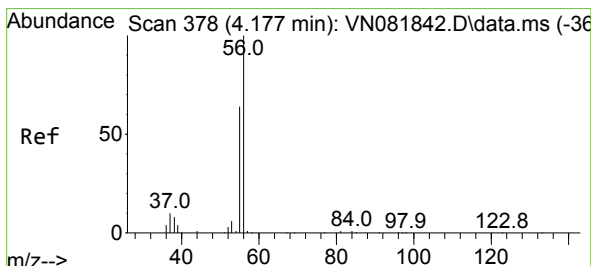
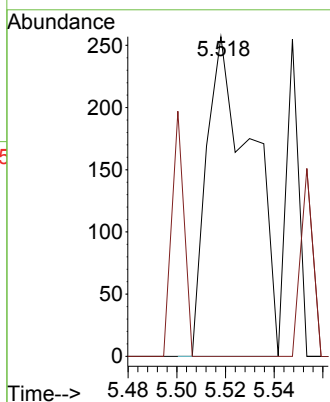
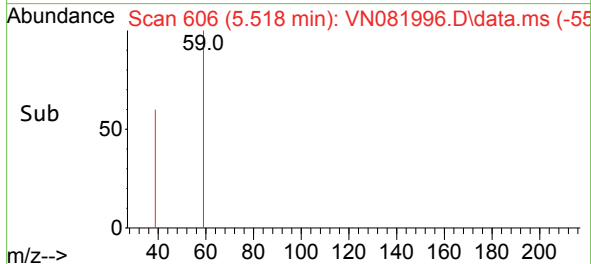


#11
Tert butyl alcohol
Concen: 0.710 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

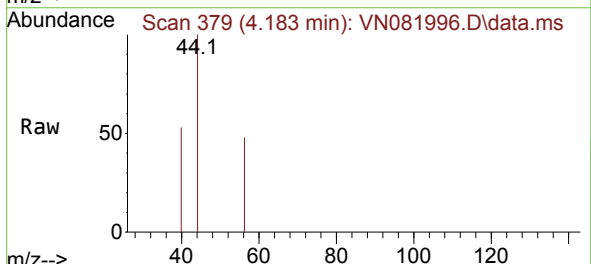
Instrument :
MSVOA_N
ClientSampleId :



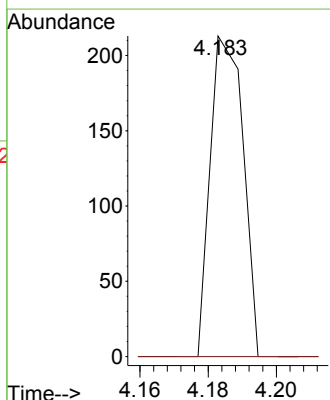
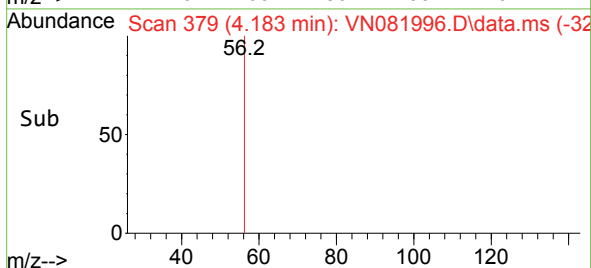
Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 21.2 8.9 13.3#

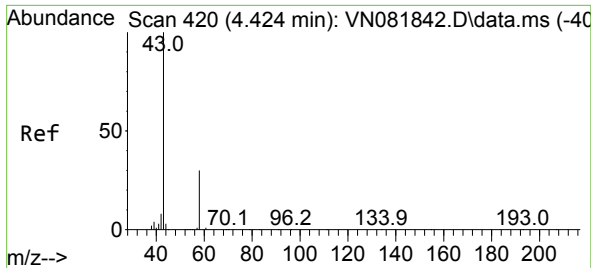


#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00



Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

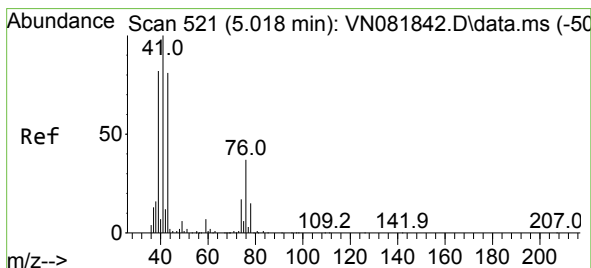
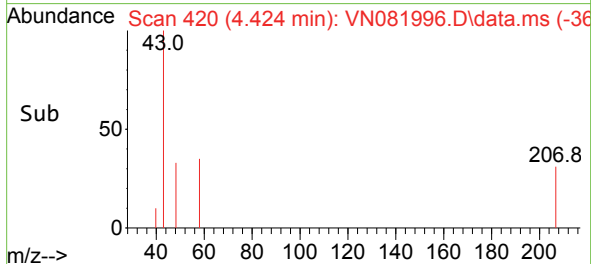
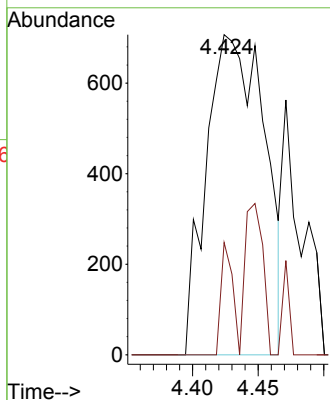
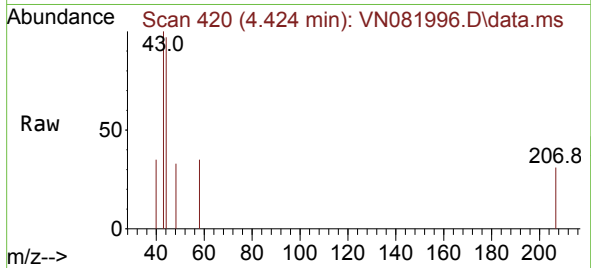




#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

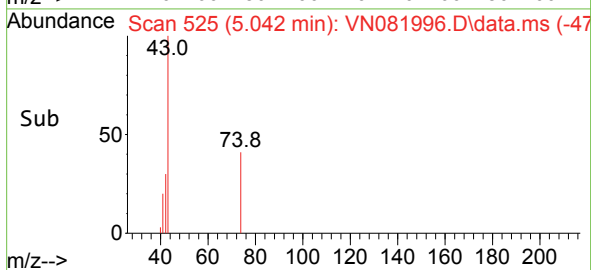
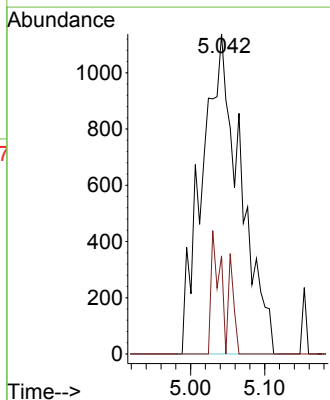
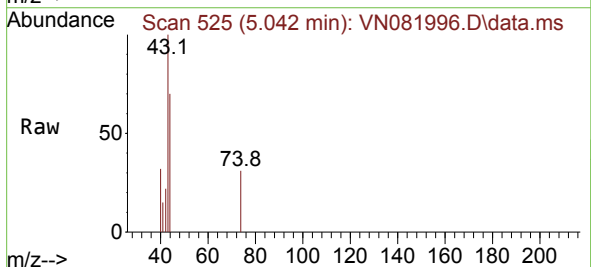
Instrument :
MSVOA_N
ClientSampleId :

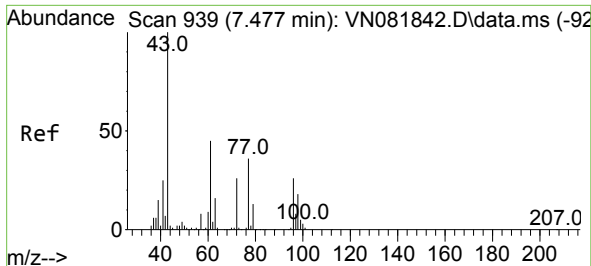
Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 35.1 25.2 37.8



#18
Methyl Acetate
Concen: 1.577 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.024 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

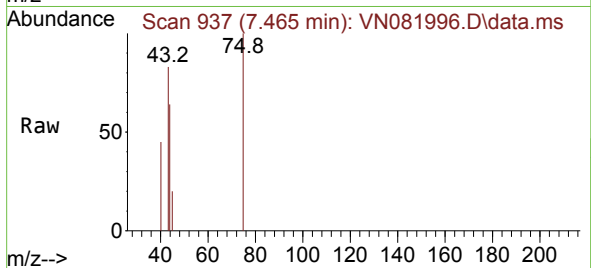
Tgt Ion: 43 Resp: 4086
Ion Ratio Lower Upper
43 100
74 8.8 22.2 33.2#



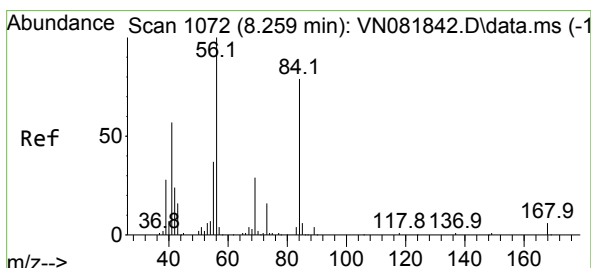
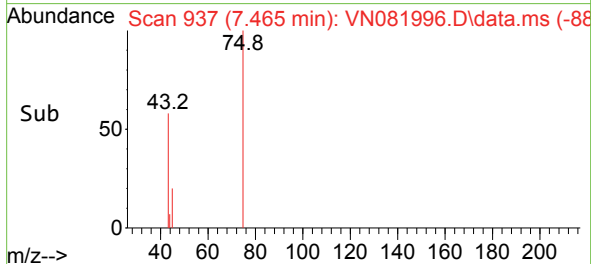
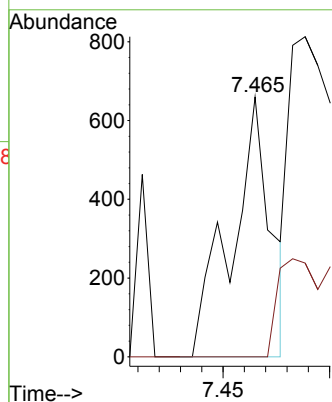


#25
2-Butanone
Concen: 0.578 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

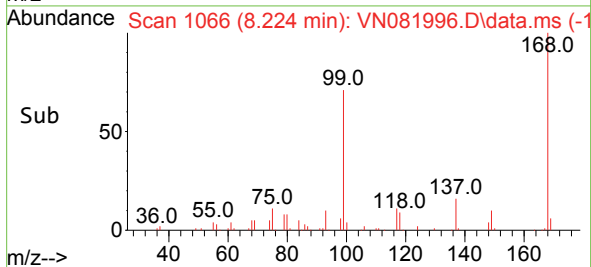
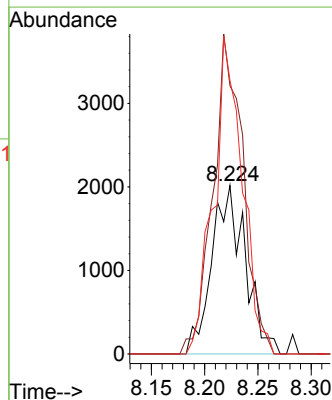
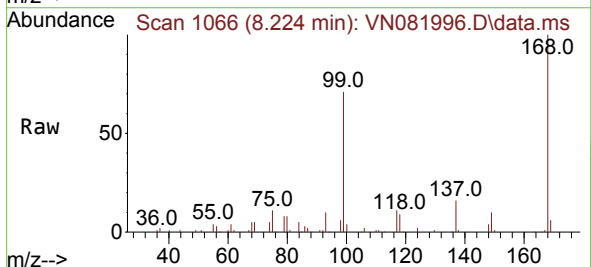


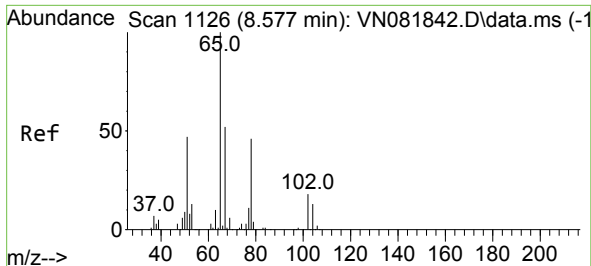
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.148 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

Tgt Ion: 56 Resp: 4424
Ion Ratio Lower Upper
56 100
69 159.1 24.4 36.6#
84 171.5 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 49.138 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081996.D

Acq: 03 May 2024 17:00

Instrument :

MSVOA_N

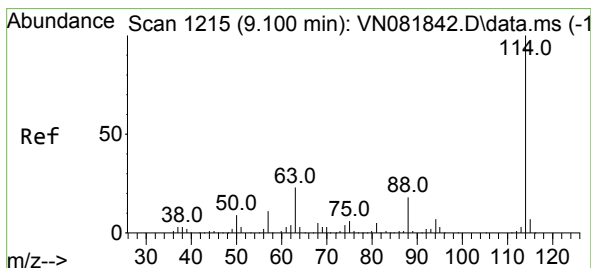
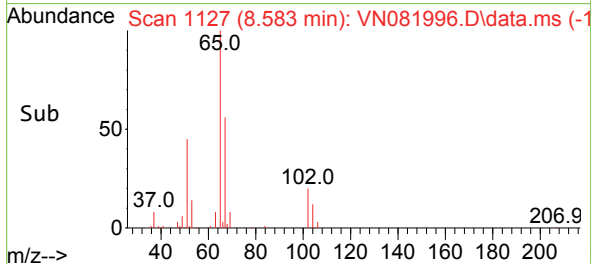
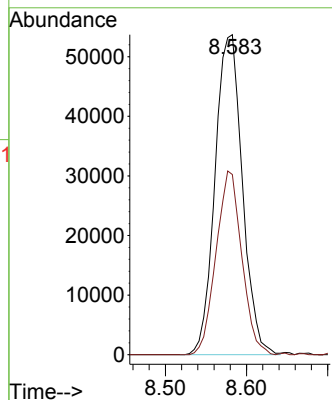
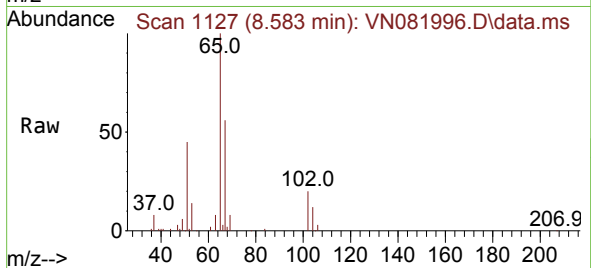
ClientSampleId :

Tgt Ion: 65 Resp: 125717

Ion Ratio Lower Upper

65 100

67 54.1 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: VN081996.D

Acq: 03 May 2024 17:00

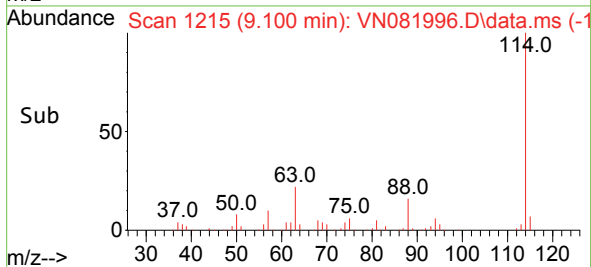
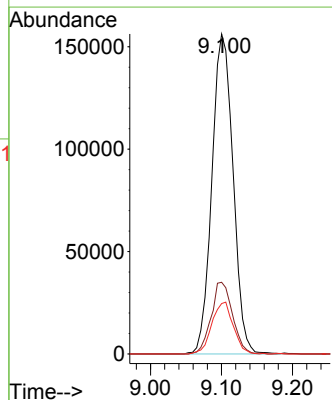
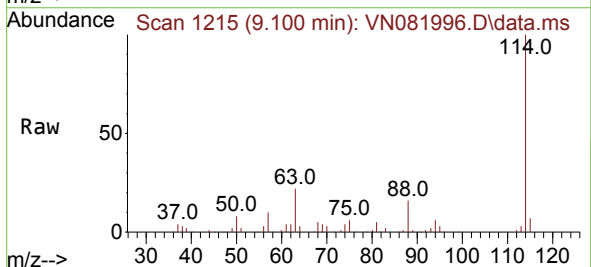
Tgt Ion: 114 Resp: 323112

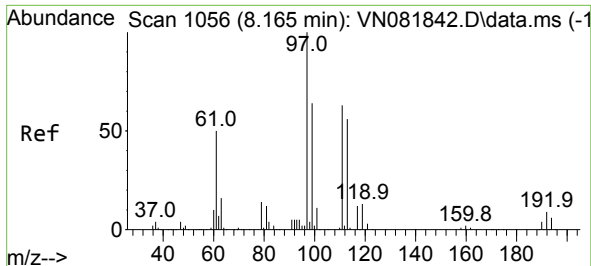
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.0

88 15.8 0.0 31.4

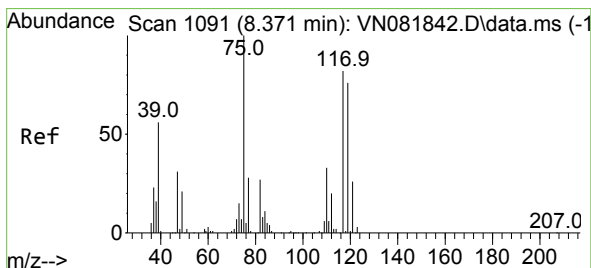
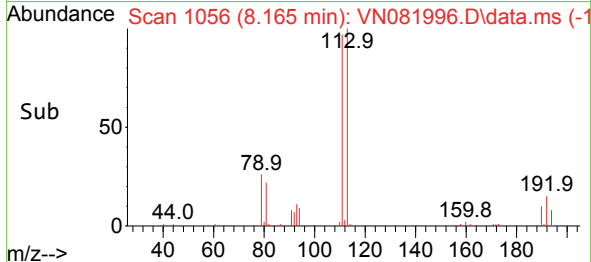
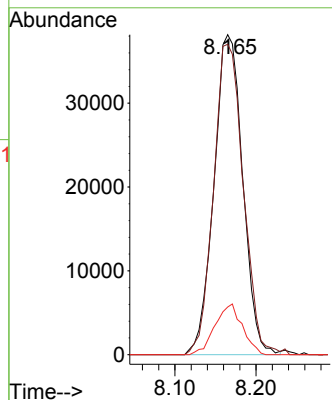
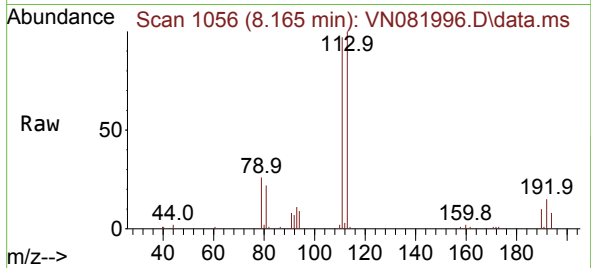




#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

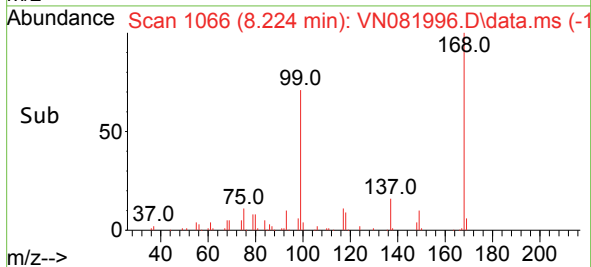
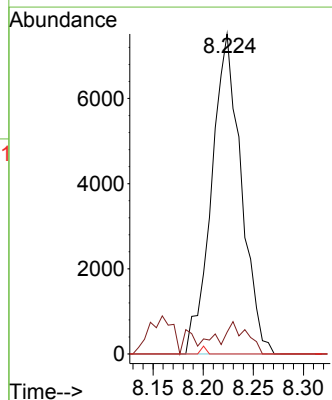
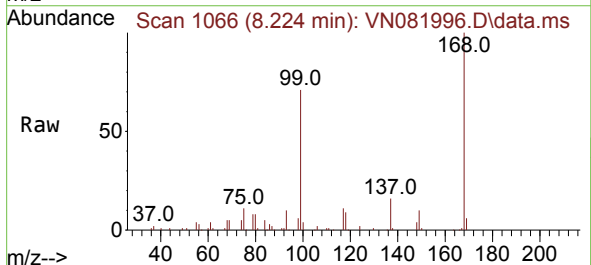
Instrument :
MSVOA_N
ClientSampleId :

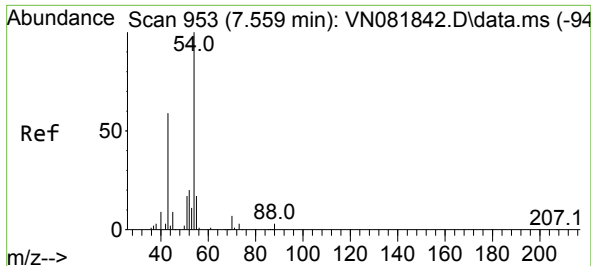
Tgt Ion:113 Resp: 93981
Ion Ratio Lower Upper
113 100
111 100.1 83.4 125.2
192 15.1 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

Tgt Ion: 75 Resp: 15447
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.563 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.070 min

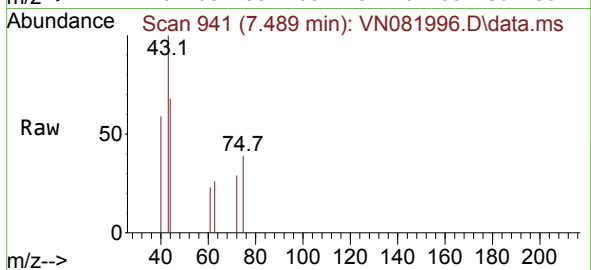
Lab File: VN081996.D

Acq: 03 May 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :



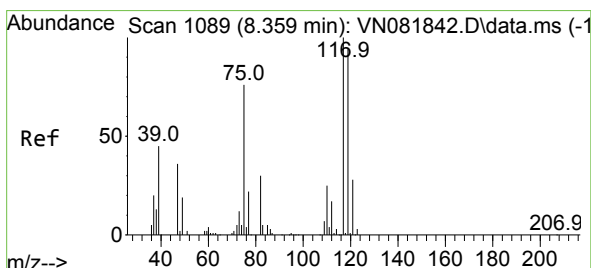
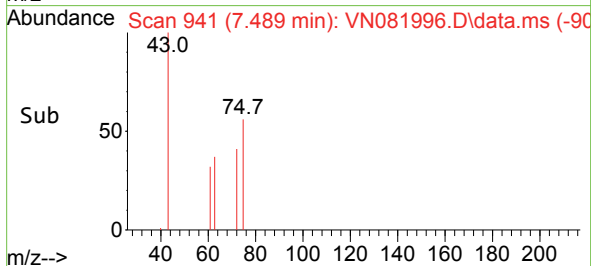
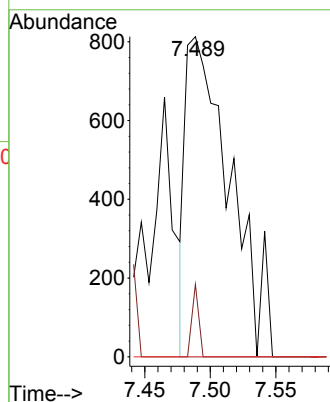
Tgt Ion: 43 Resp: 1928

Ion Ratio Lower Upper

43 100

61 3.4 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.285 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN081996.D

Acq: 03 May 2024 17:00

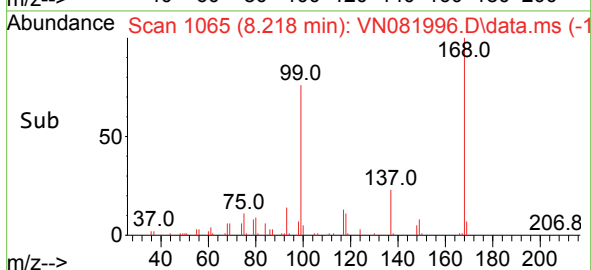
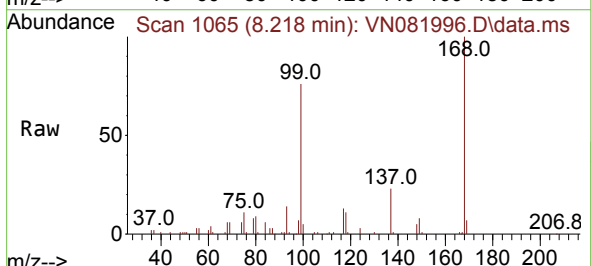
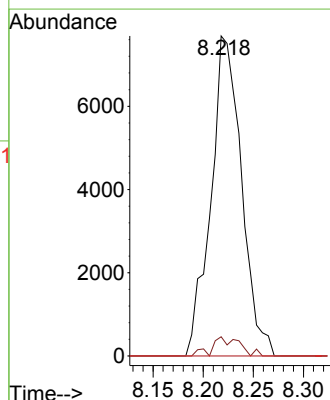
Tgt Ion: 117 Resp: 16348

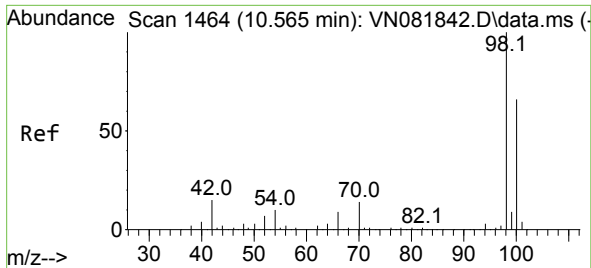
Ion Ratio Lower Upper

117 100

119 6.0 76.5 114.7#

121 0.0 23.9 35.9#

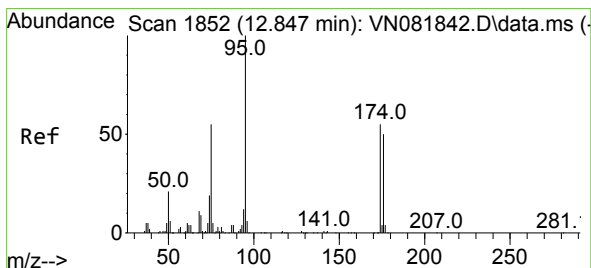
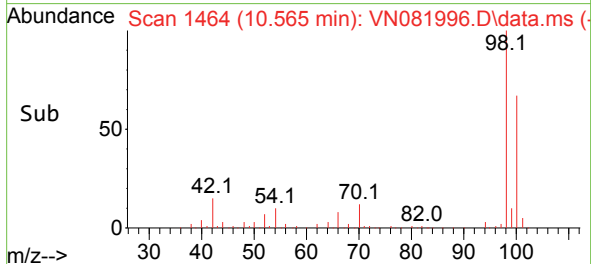
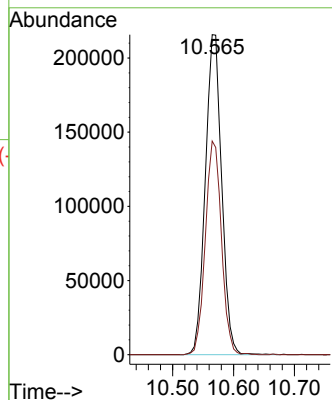
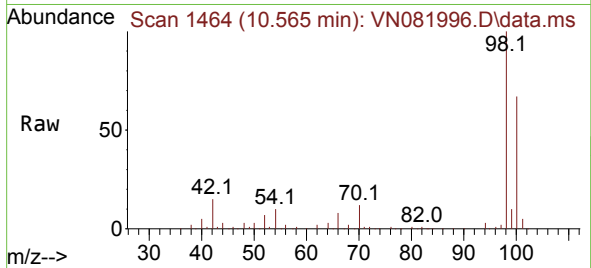




#50
Toluene-d8
Concen: 52.685 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

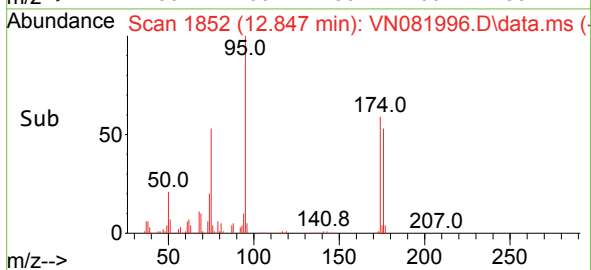
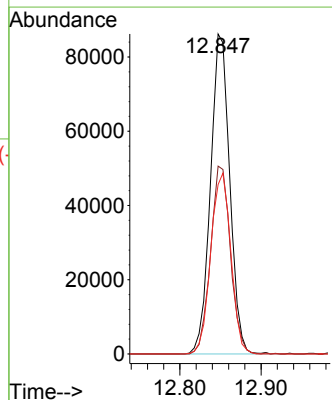
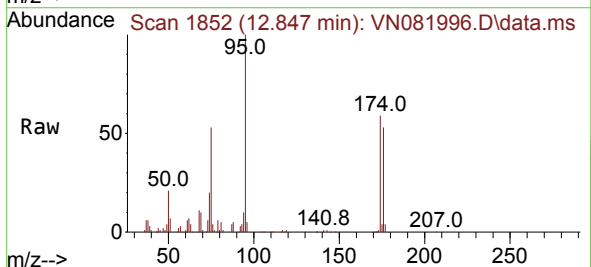
Instrument :
MSVOA_N
ClientSampleId :

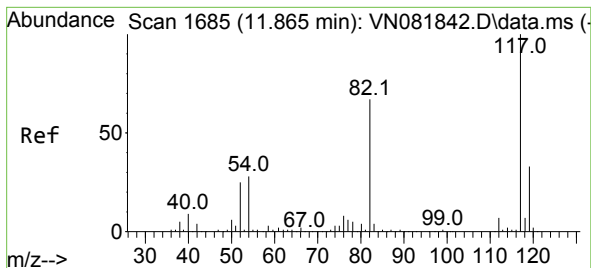
Tgt Ion: 98 Resp: 402538
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.934 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

Tgt Ion: 95 Resp: 141756
Ion Ratio Lower Upper
95 100
174 60.7 0.0 160.6
176 59.1 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081996.D

Acq: 03 May 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

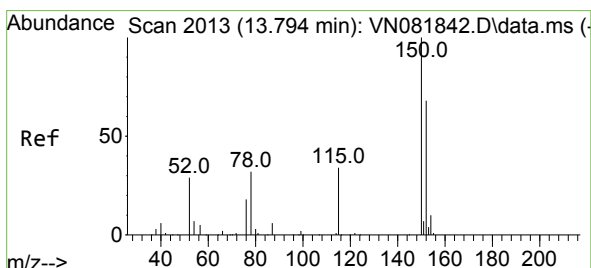
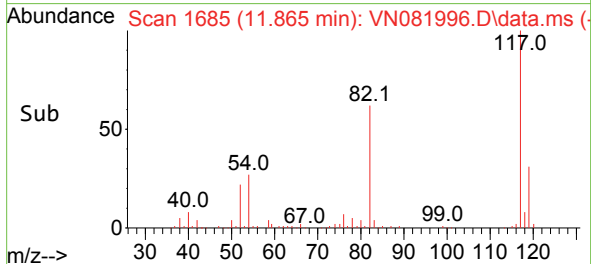
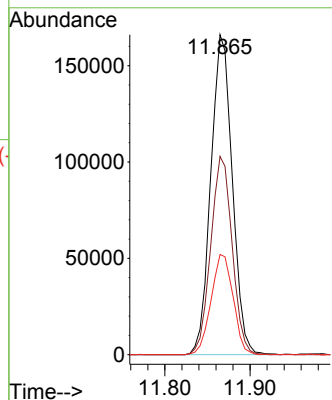
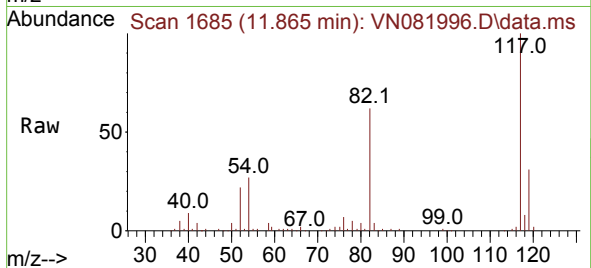
Tgt Ion:117 Resp: 290707

Ion Ratio Lower Upper

117 100

82 62.0 44.6 66.8

119 31.3 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: VN081996.D

Acq: 03 May 2024 17:00

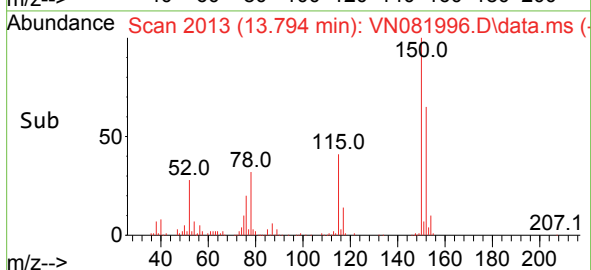
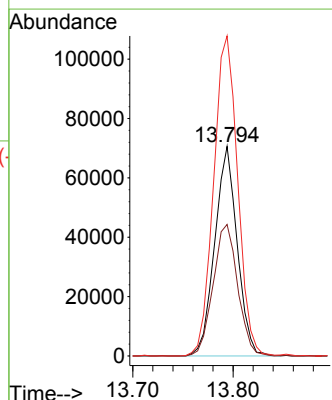
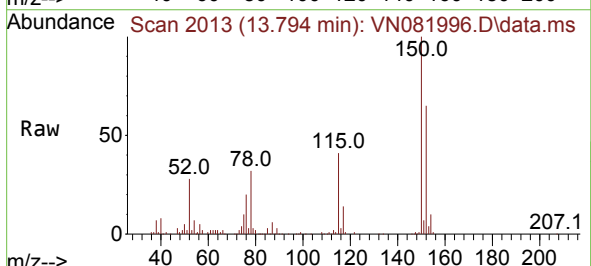
Tgt Ion:152 Resp: 109624

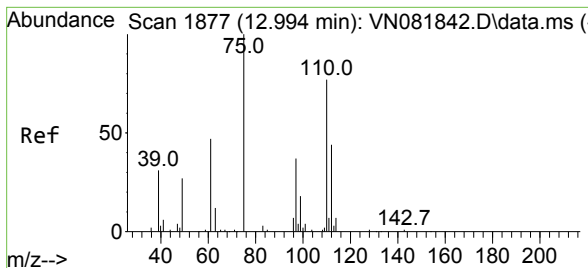
Ion Ratio Lower Upper

152 100

115 68.5 30.4 91.3

150 163.3 0.0 353.2

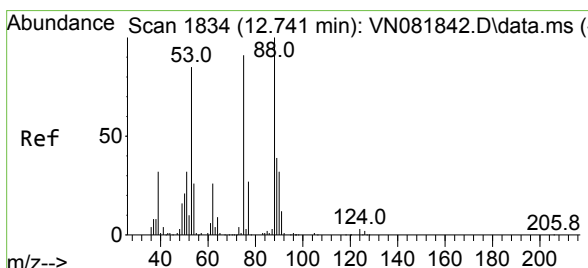
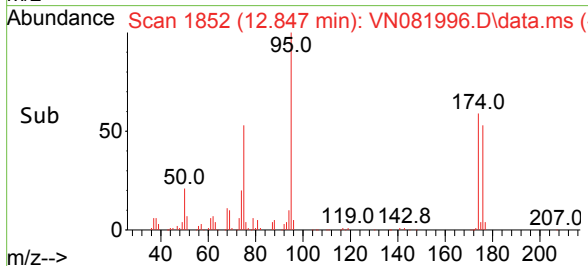
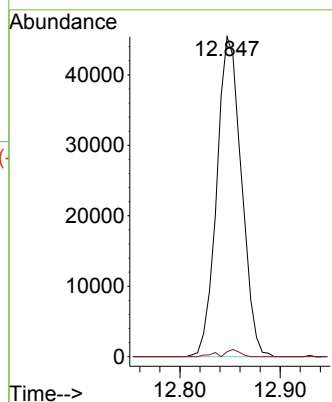
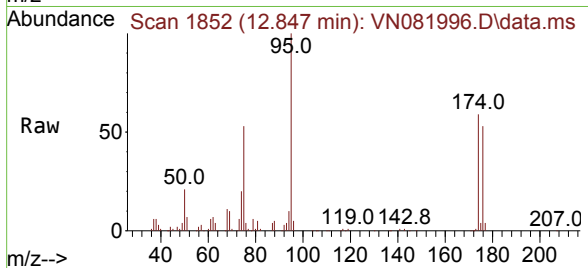




#76
1,2,3-Trichloropropane
Concen: 27.286 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 77555
Ion Ratio Lower Upper
75 100
77 1.7 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081996.D
Acq: 03 May 2024 17:00

Tgt Ion: 75 Resp: 77555
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

