

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083261.D
 Acq On : 13 Aug 2024 16:31
 Operator : JC\MD
 Sample : P3440-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:45:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

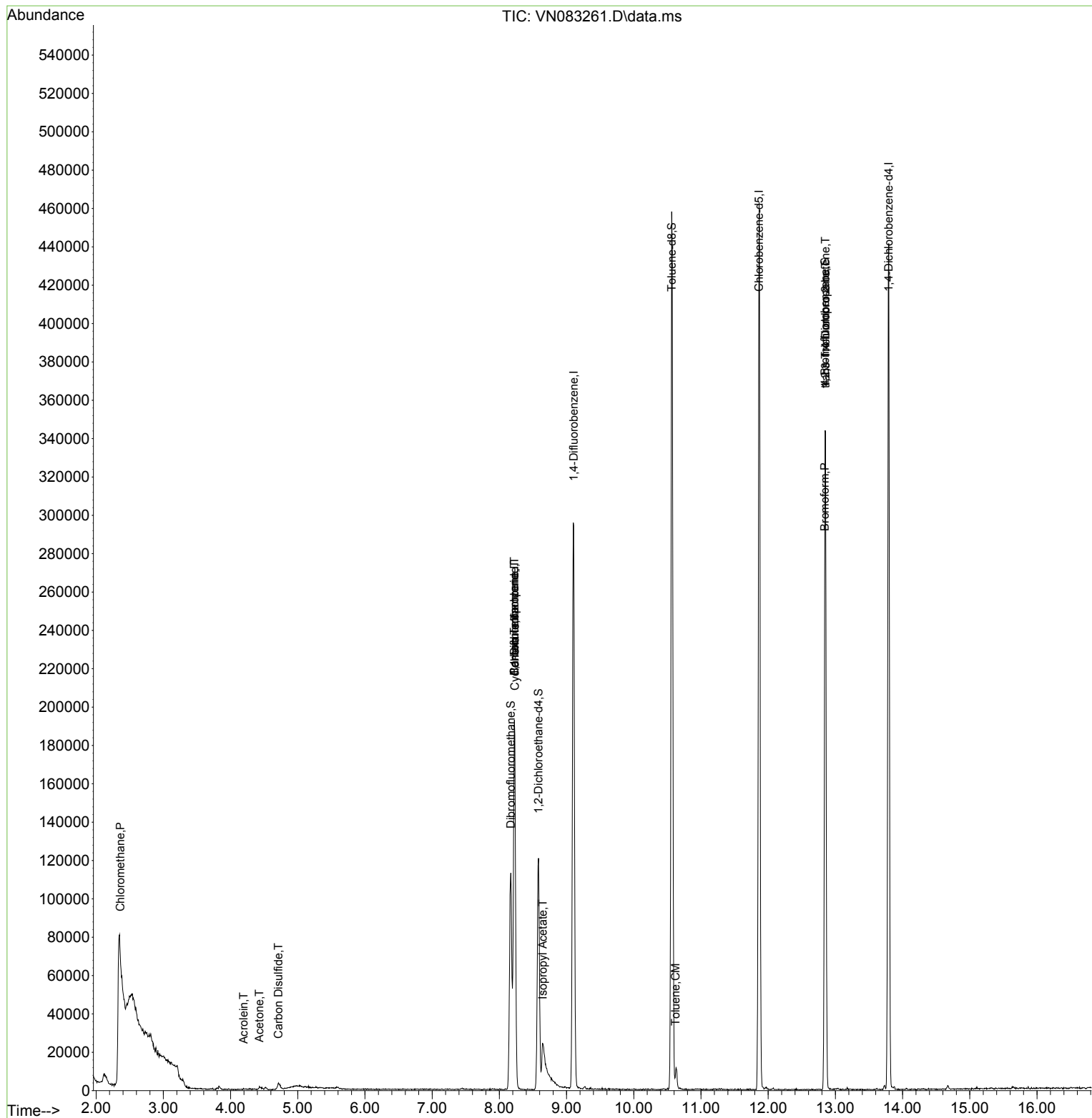
Internal Standards						
1) Pentafluorobenzene	8.224	168	132376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103561	54.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.920%			
35) Dibromofluoromethane	8.171	113	83821	52.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.720%			
50) Toluene-d8	10.565	98	315143	52.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.847	95	127684	54.845	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.680%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	4985	3.244	ug/l #	43
13) Acrolein	4.195	56	59	0.231	ug/l #	14
16) Acetone	4.430	43	2657	3.604	ug/l	95
17) Carbon Disulfide	4.712	76	7223	1.682	ug/l #	94
31) Cyclohexane	8.230	56	3414	1.223	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11974	4.945	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15152	5.555	ug/l #	18
43) Isopropyl Acetate	8.647	43	43757	7.723	ug/l #	60
52) Toluene	10.624	92	5036	1.105	ug/l	91
71) Bromoform	12.841	173	484	0.321	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	70478	28.682	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70478	62.390	ug/l #	6

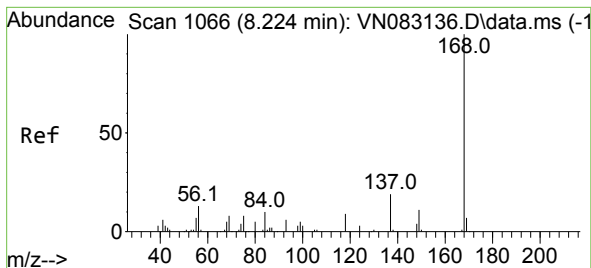
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

Instrument :

MSVOA_N

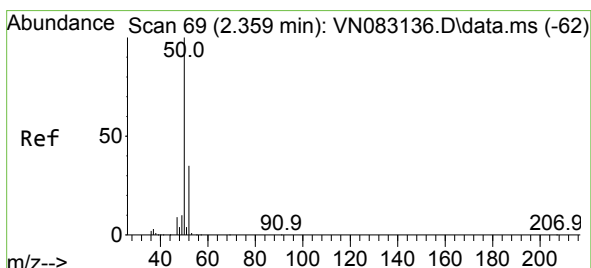
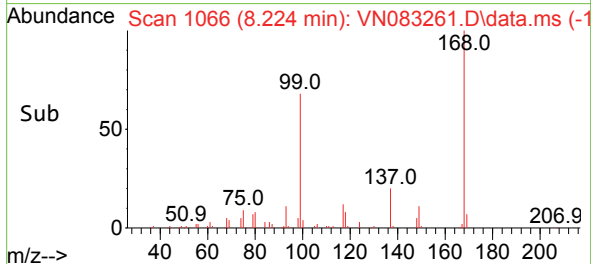
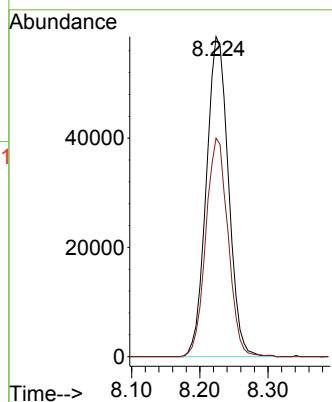
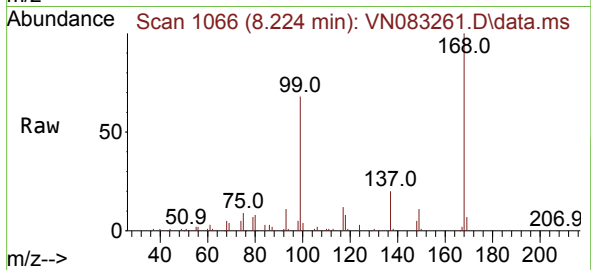
ClientSampleId :

Tgt Ion:168 Resp: 132376

Ion Ratio Lower Upper

168 100

99 68.3 48.2 72.4



#3

Chloromethane

Concen: 3.244 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN083261.D

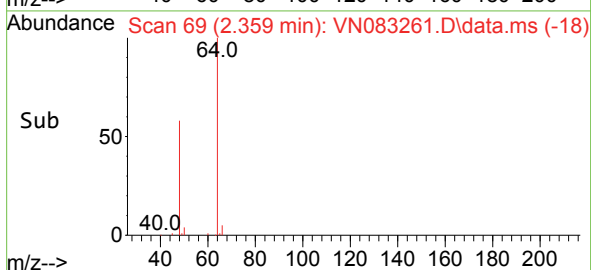
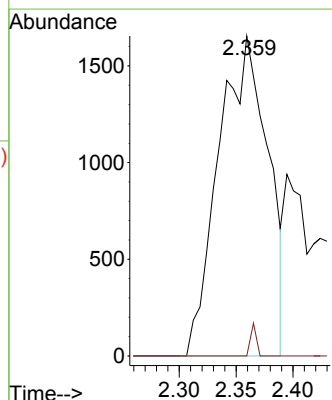
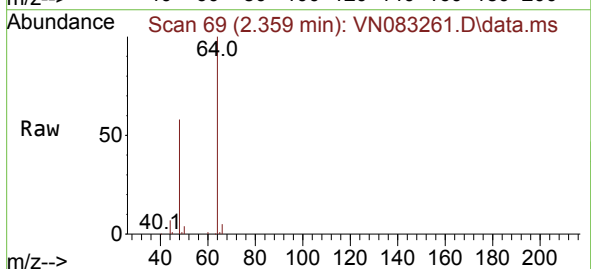
Acq: 13 Aug 2024 16:31

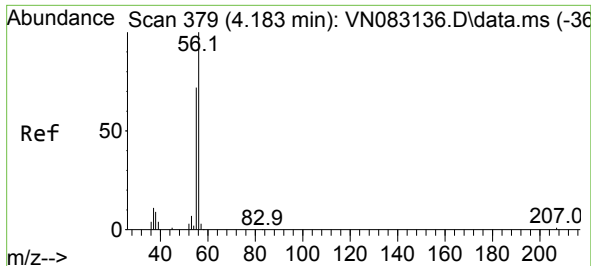
Tgt Ion: 50 Resp: 4985

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

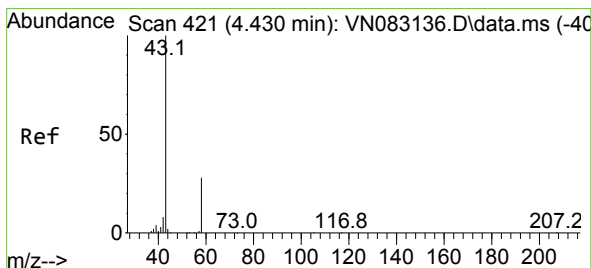
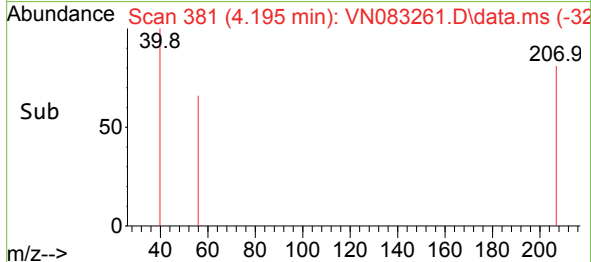
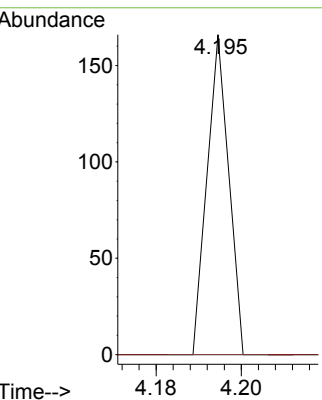
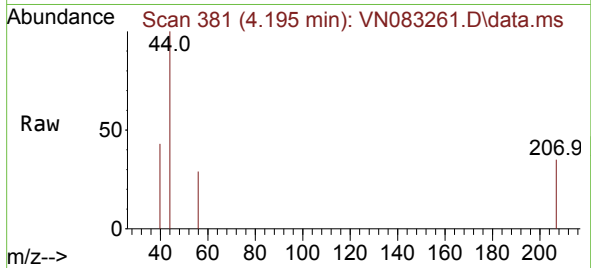




#13
Acrolein
Concen: 0.231 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

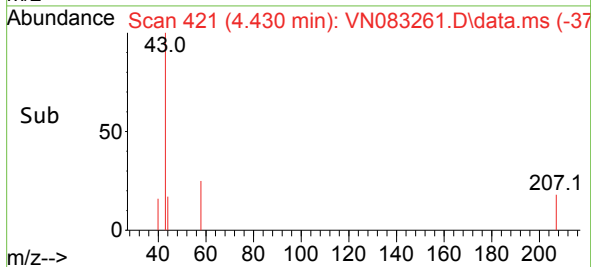
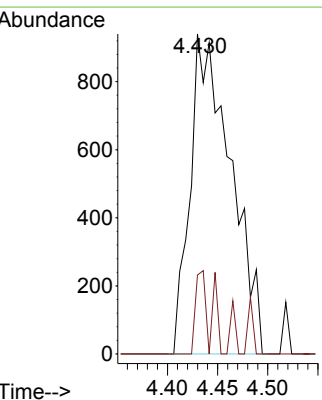
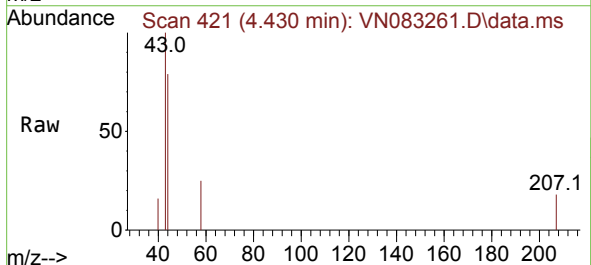
Instrument :
MSVOA_N
ClientSampleId :

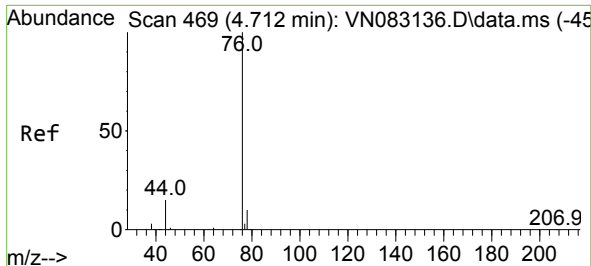
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.604 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 24.7 21.8 32.6

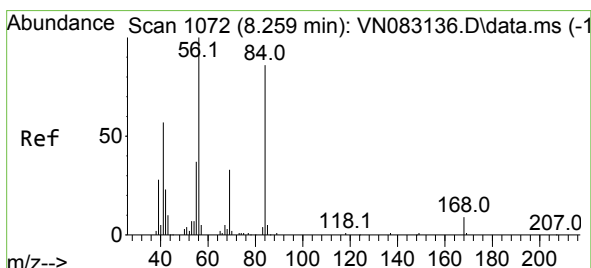
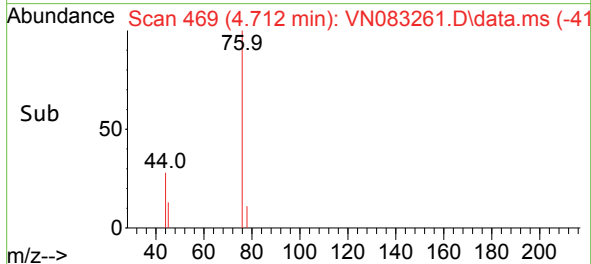
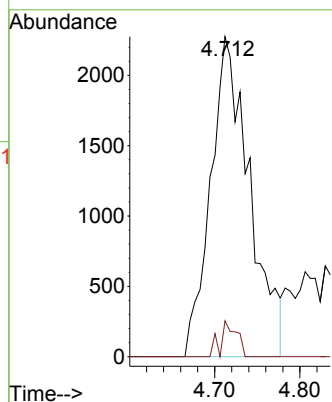
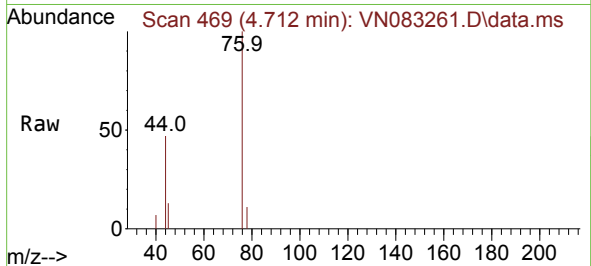




#17
Carbon Disulfide
Concen: 1.682 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

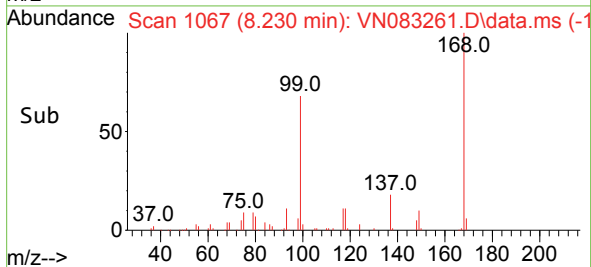
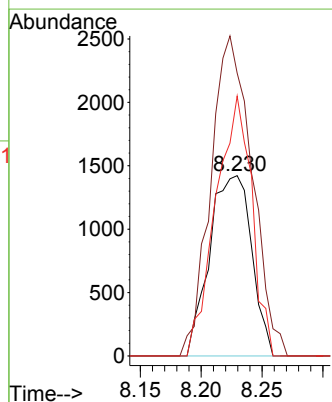
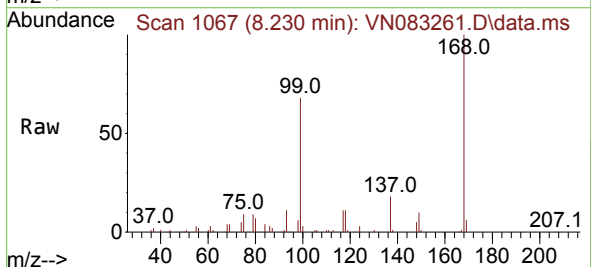
Instrument :
MSVOA_N
ClientSampleId :

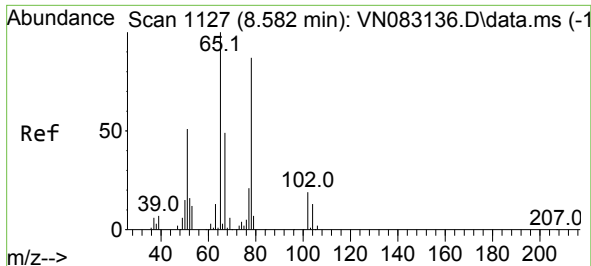
Tgt Ion: 76 Resp: 7223
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

Tgt Ion: 56 Resp: 3414
Ion Ratio Lower Upper
56 100
69 156.9 24.5 36.7#
84 144.2 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 54.962 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

Instrument :

MSVOA_N

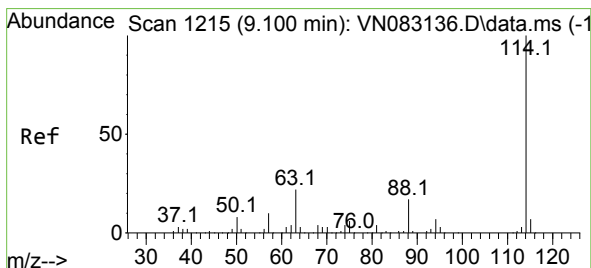
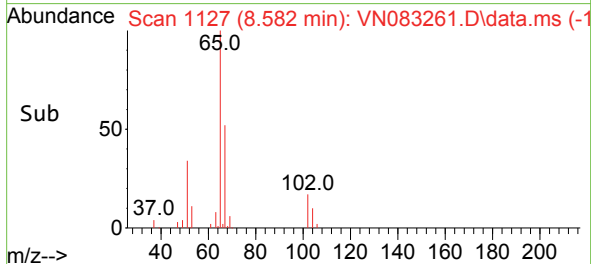
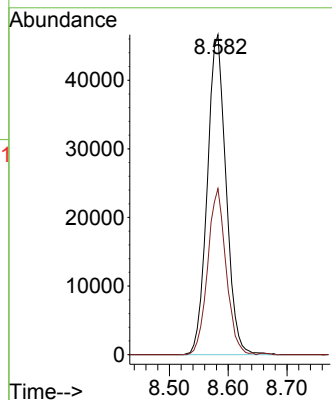
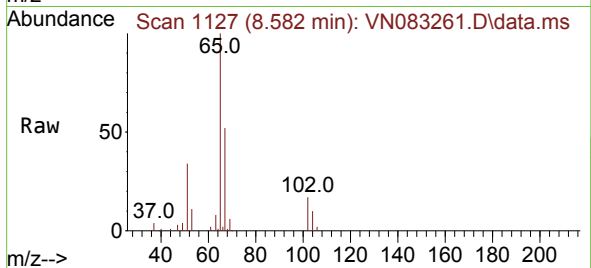
ClientSampleId :

Tgt Ion: 65 Resp: 103561

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

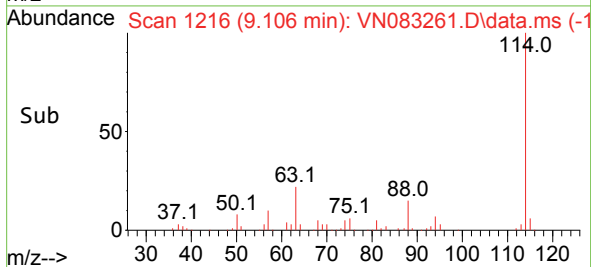
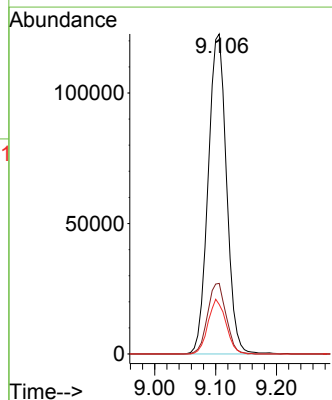
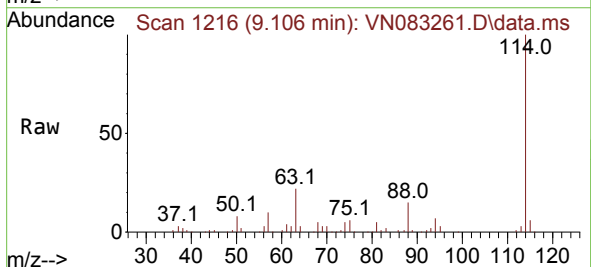
Tgt Ion: 114 Resp: 256477

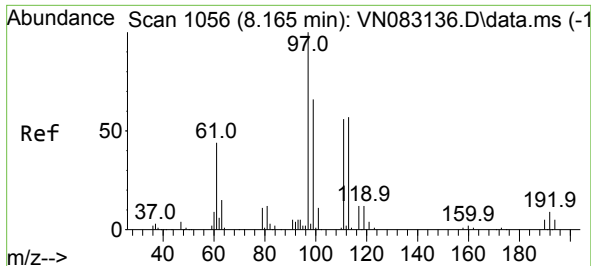
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

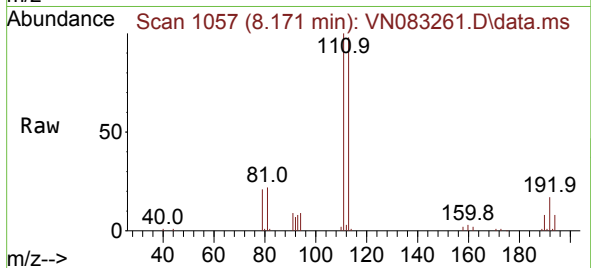
88 15.5 0.0 31.4



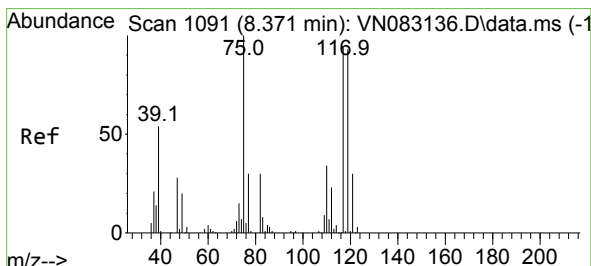
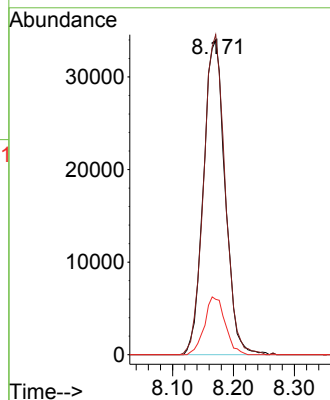
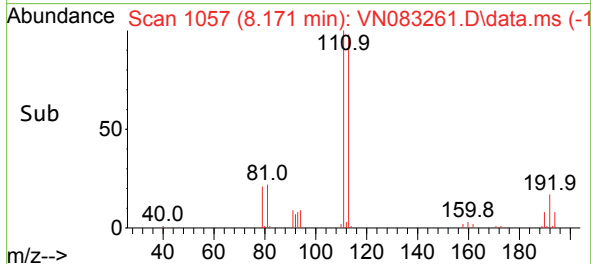


#35
Dibromofluoromethane
Concen: 52.360 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

Instrument :
MSVOA_N
ClientSampleId :

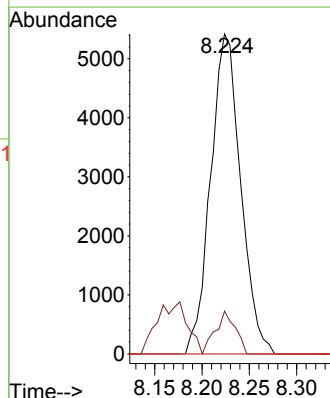
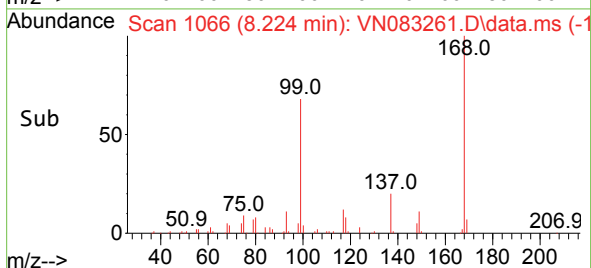
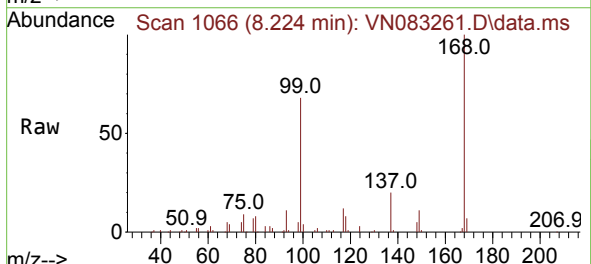


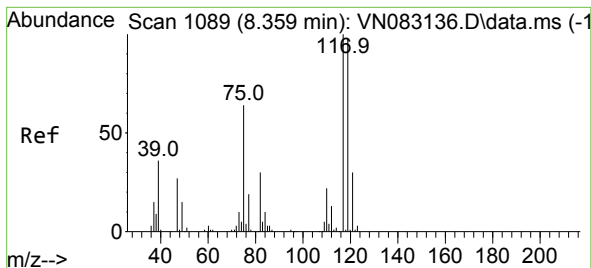
Tgt Ion:113 Resp: 83821
Ion Ratio Lower Upper
113 100
111 100.8 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

Tgt Ion: 75 Resp: 11974
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

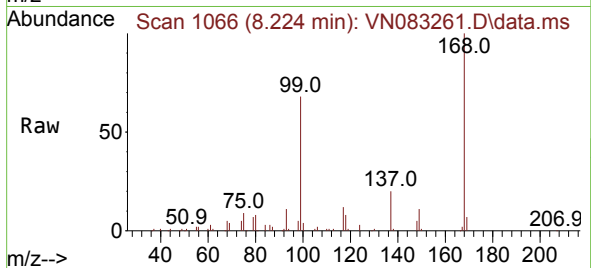
Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :



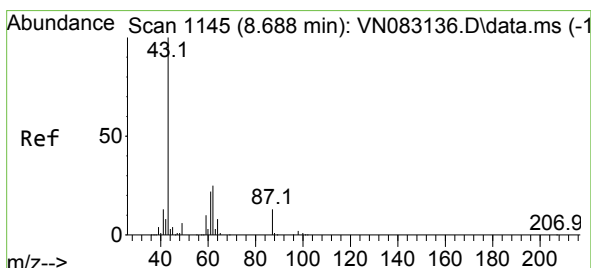
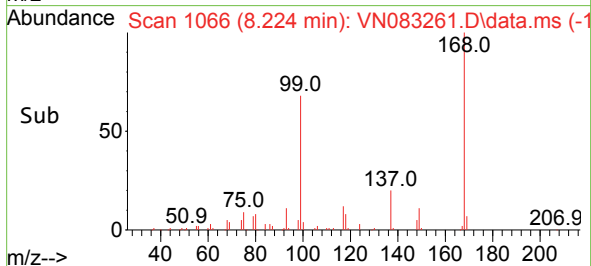
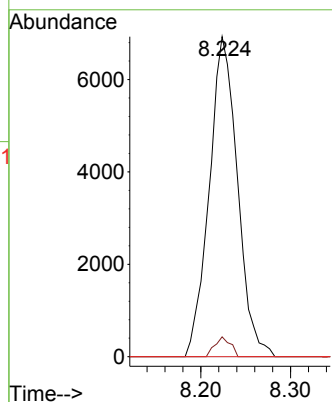
Tgt Ion:117 Resp: 15152

Ion Ratio Lower Upper

117 100

119 6.2 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 7.723 ug/l

RT: 8.647 min Scan# 1138

Delta R.T. -0.041 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

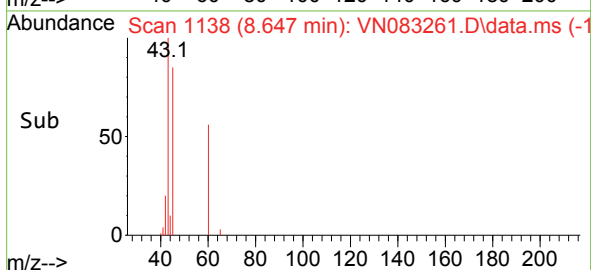
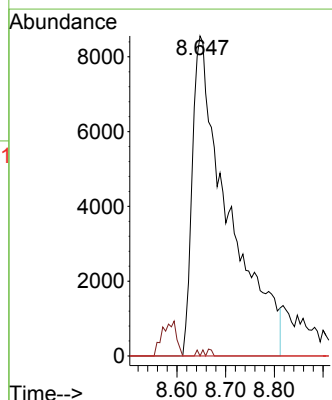
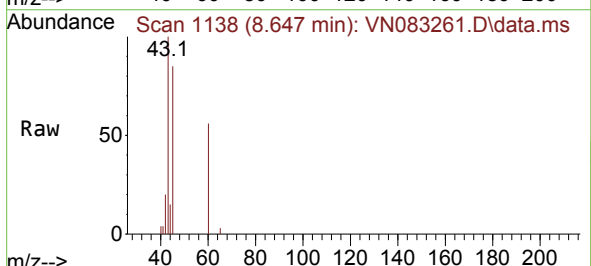
Tgt Ion: 43 Resp: 43757

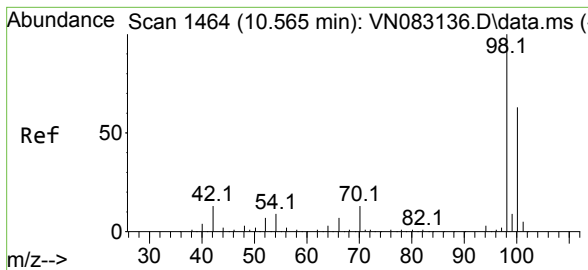
Ion Ratio Lower Upper

43 100

61 0.4 17.8 26.6#

87 0.0 8.2 12.2#

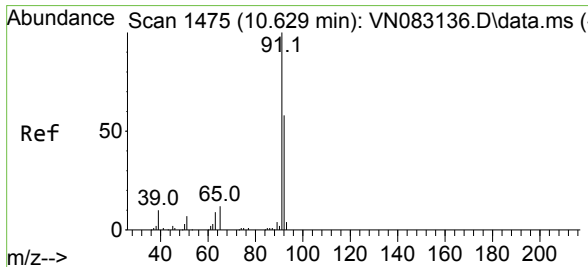
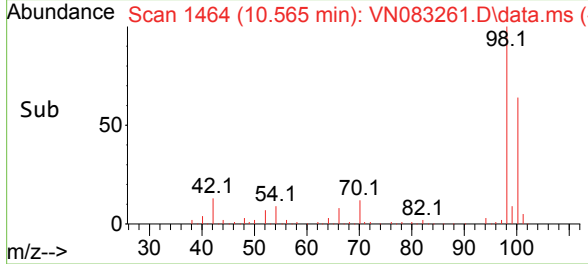
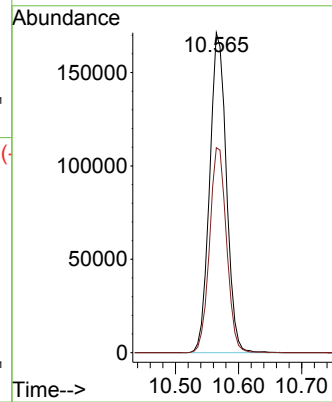
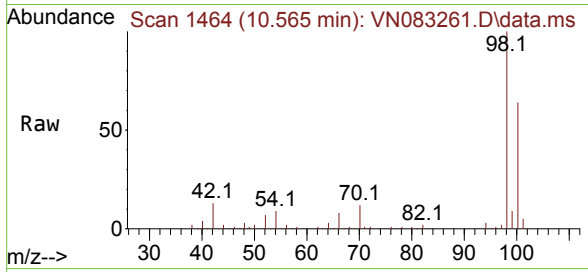




#50
Toluene-d8
Concen: 52.773 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

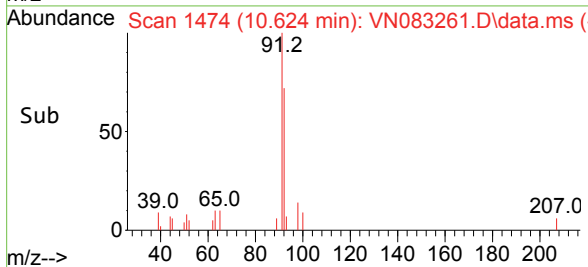
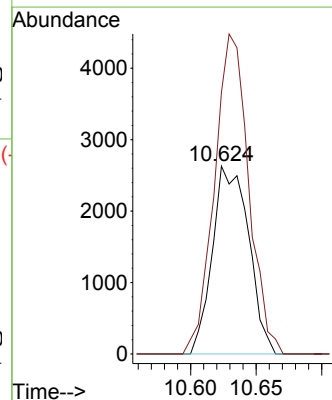
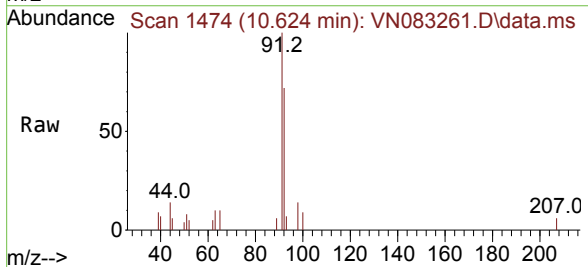
Instrument :
MSVOA_N
ClientSampleId :

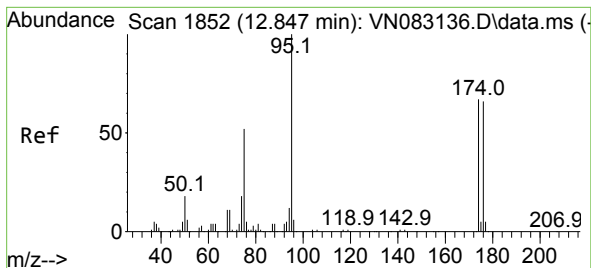
Tgt Ion: 98 Resp: 315143
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#52
Toluene
Concen: 1.105 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

Tgt Ion: 92 Resp: 5036
Ion Ratio Lower Upper
92 100
91 161.6 139.4 209.0

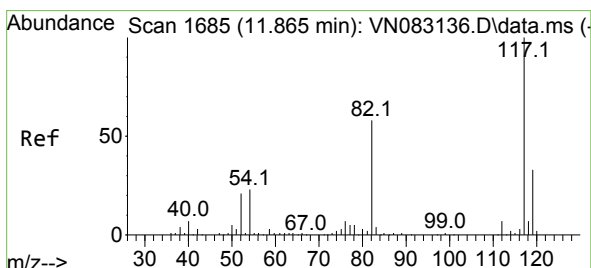
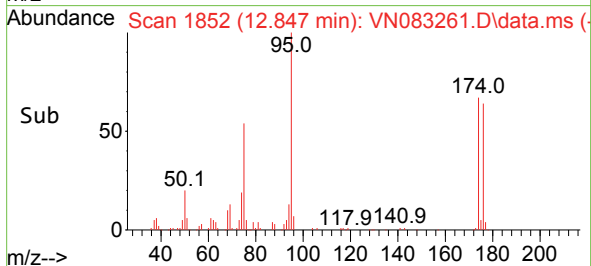
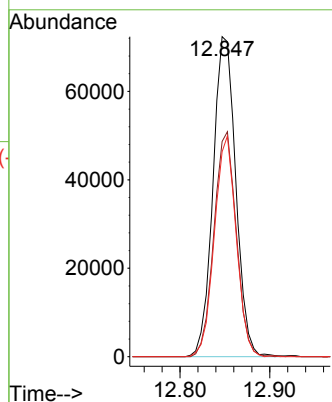
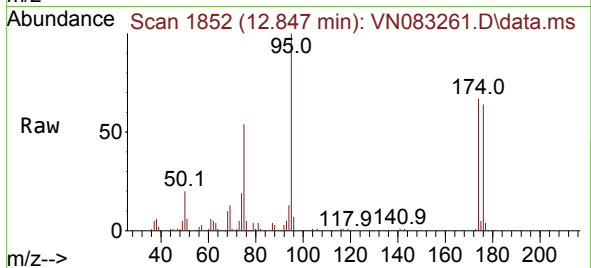




#62
4-Bromofluorobenzene
Concen: 54.845 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

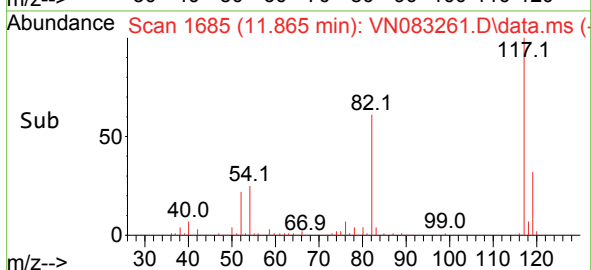
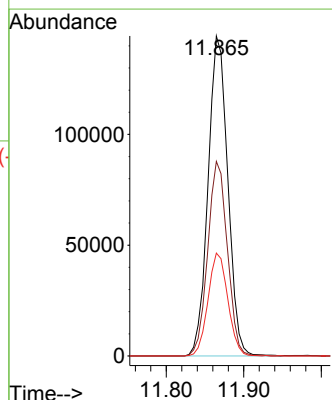
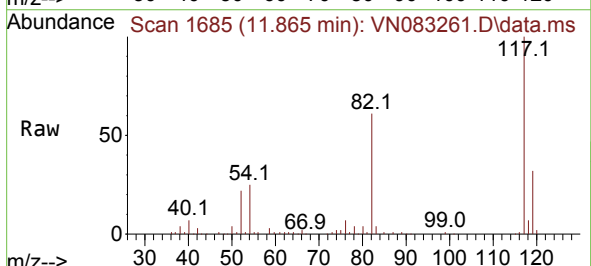
Instrument :
MSVOA_N
ClientSampleId :

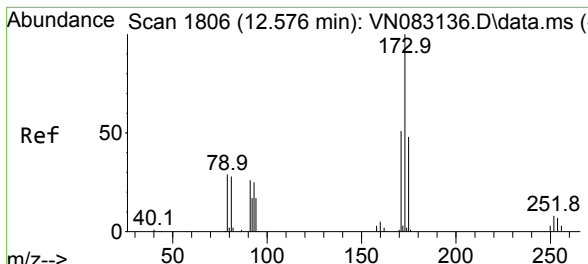
Tgt Ion: 95 Resp: 127684
Ion Ratio Lower Upper
95 100
174 68.8 0.0 159.2
176 66.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083261.D
Acq: 13 Aug 2024 16:31

Tgt Ion: 117 Resp: 255650
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 32.1 25.6 38.4

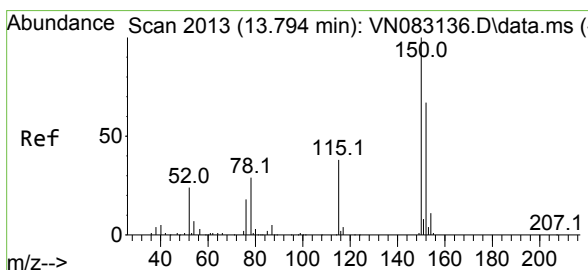
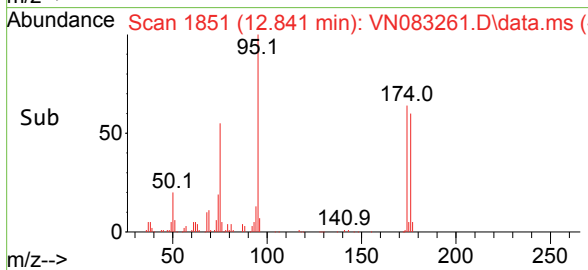
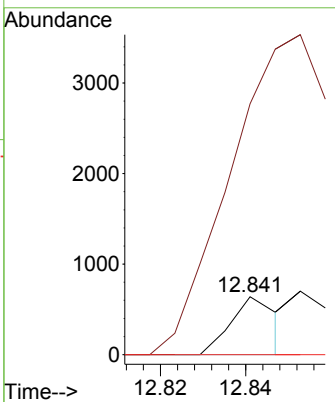
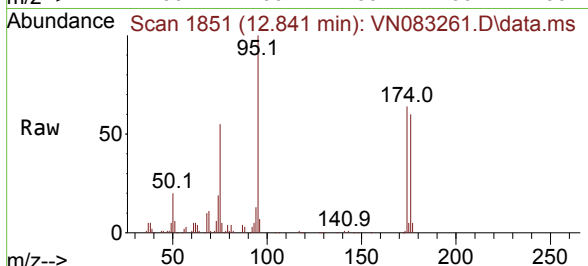




#71
 Bromoform
 Concen: 0.321 ug/l
 RT: 12.841 min Scan# 11
 Delta R.T. 0.265 min
 Lab File: VN083261.D
 Acq: 13 Aug 2024 16:31

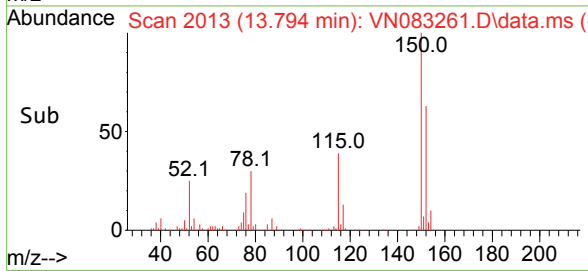
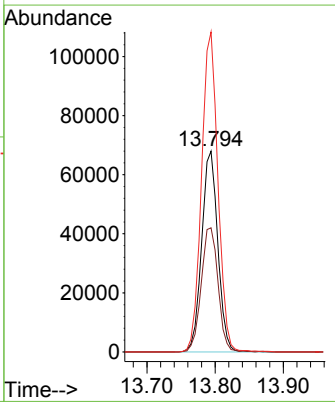
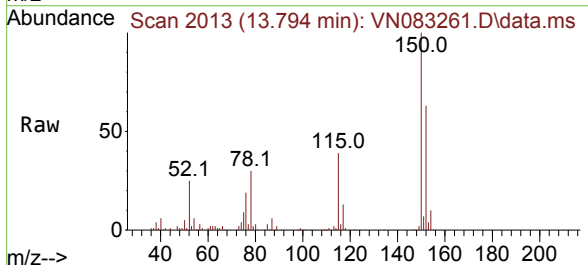
Instrument :
 MSVOA_N
 ClientSampleId :

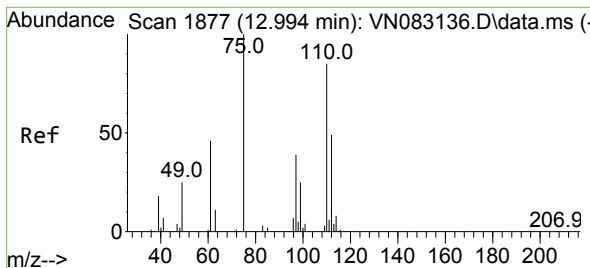
Tgt Ion:	173	Resp:	484
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.0	72.0#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083261.D
 Acq: 13 Aug 2024 16:31

Tgt Ion:	152	Resp:	111960
Ion Ratio	Lower	Upper	
152	100		
115	64.5	30.6	91.6
150	161.8	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 28.682 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

Instrument :

MSVOA_N

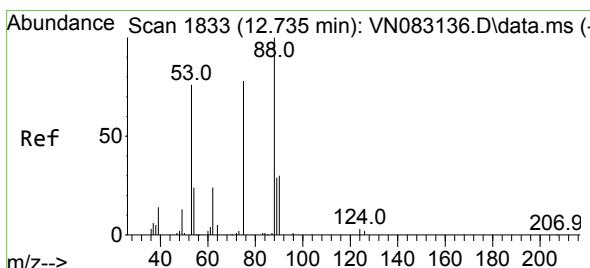
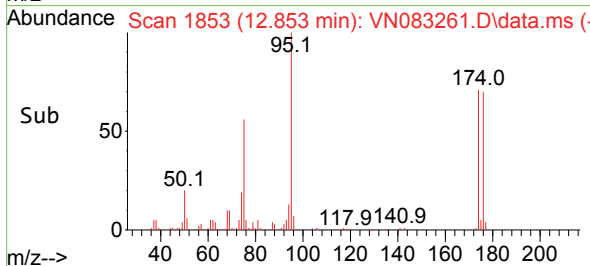
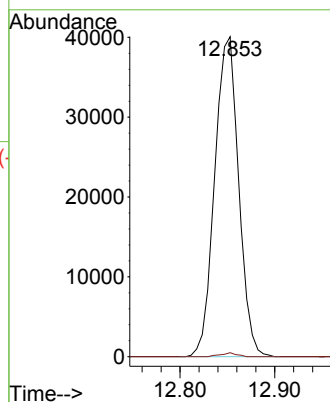
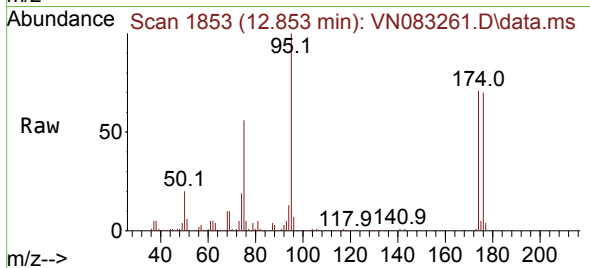
ClientSampleId :

Tgt Ion: 75 Resp: 70478

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.390 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN083261.D

Acq: 13 Aug 2024 16:31

Tgt Ion: 75 Resp: 70478

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

