

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082750.D
 Acq On : 28 Jun 2024 17:00
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:14:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

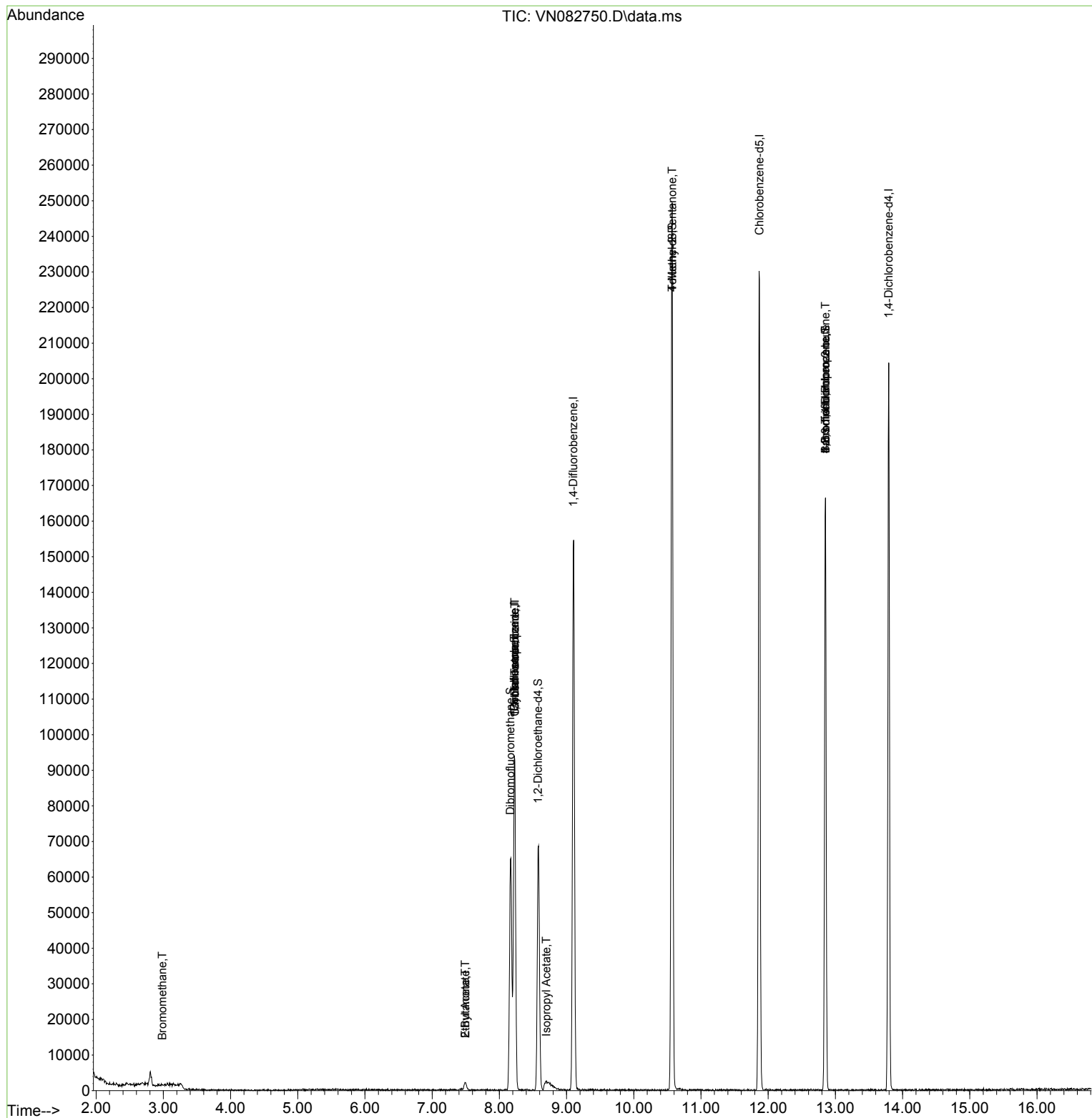
Internal Standards						
1) Pentafluorobenzene	8.224	168	67947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	129251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	128957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	52419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	57801	55.162	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.320%			
35) Dibromofluoromethane	8.165	113	47962	56.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.720%			
50) Toluene-d8	10.571	98	170258	53.498	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.853	95	52879	48.383	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.760%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	251	0.307	ug/l #	1
25) 2-Butanone	7.494	43	3957	6.524	ug/l #	88
31) Cyclohexane	8.224	56	1713	1.160	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	6595	5.392	ug/l #	51
37) Ethyl Acetate	7.494	43	3957	2.993	ug/l #	72
38) Carbon Tetrachloride	8.230	117	7373	5.154	ug/l #	21
43) Isopropyl Acetate	8.700	43	2119	0.388	ug/l #	60
51) 4-Methyl-2-Pentanone	10.571	43	805	0.595	ug/l #	1
71) Bromoform	12.853	173	443	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	30998	27.111	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	30998	70.702	ug/l #	6

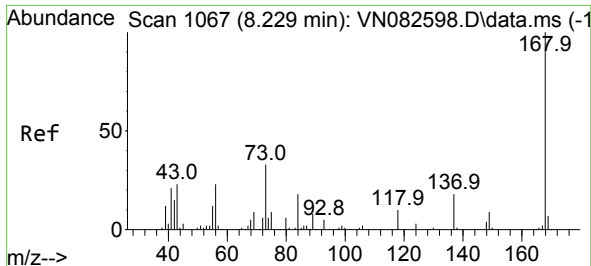
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
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Quant Title : SW846 8260
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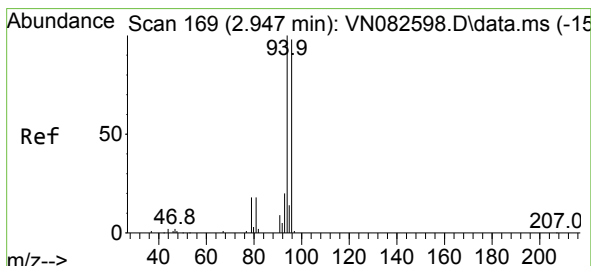
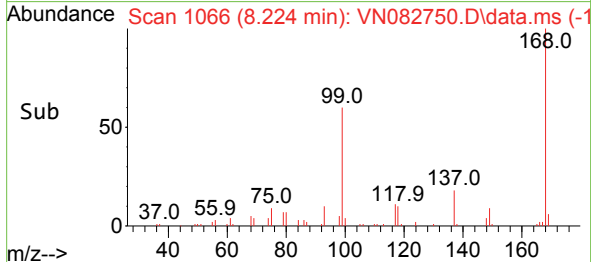
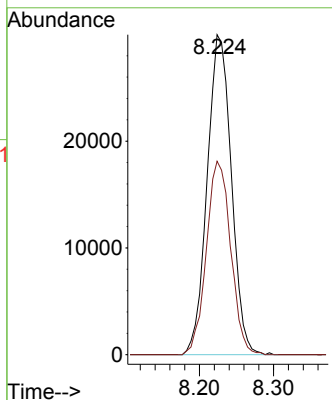
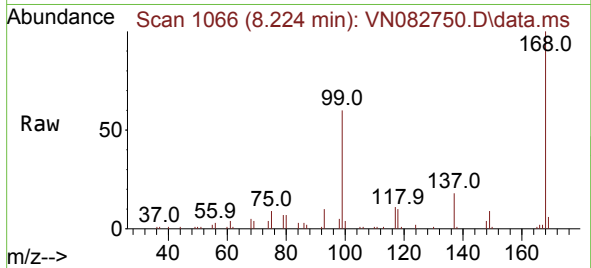




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

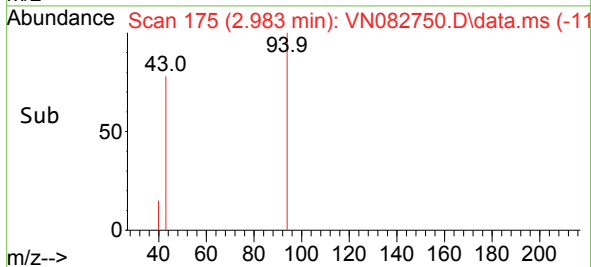
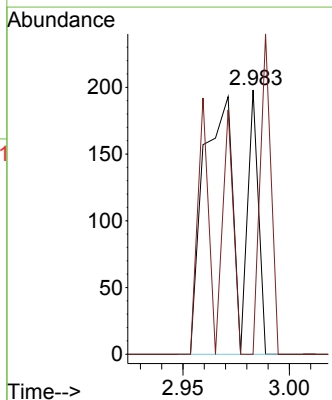
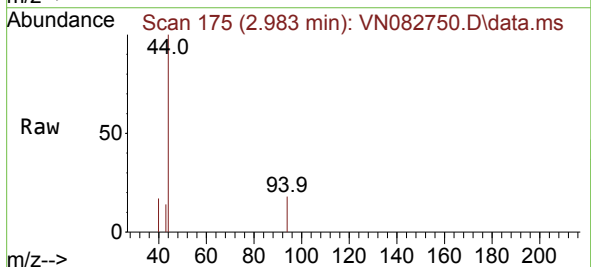
Instrument :
MSVOA_N
ClientSampleId :

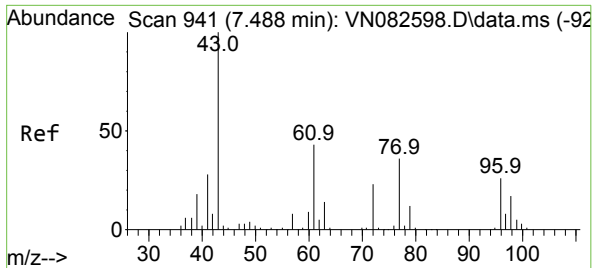
Tgt Ion:168 Resp: 67947
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4



#5
Bromomethane
Concen: 0.307 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.036 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

Tgt Ion: 94 Resp: 251
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

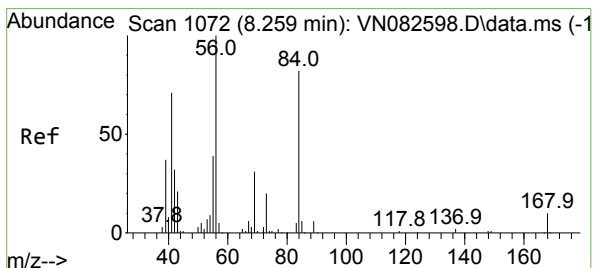
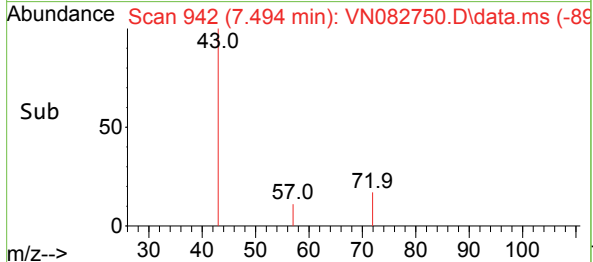
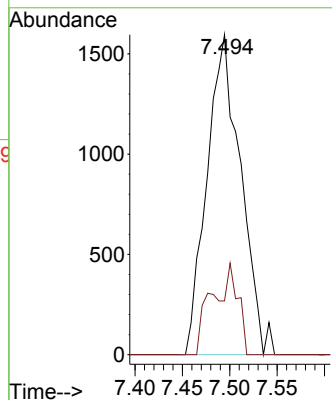
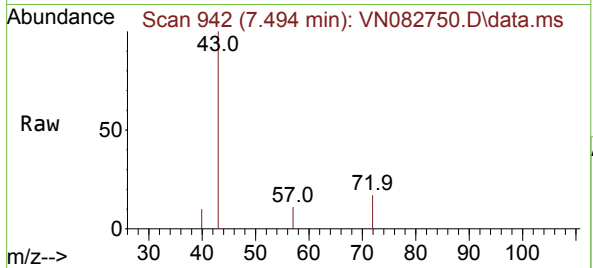




#25
2-Butanone
Concen: 6.524 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

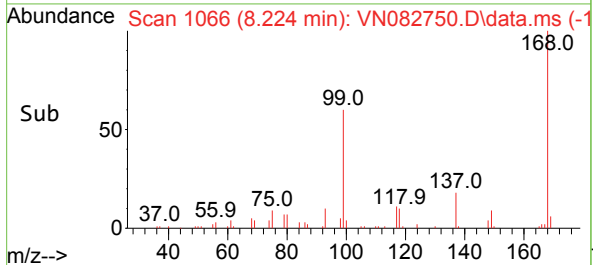
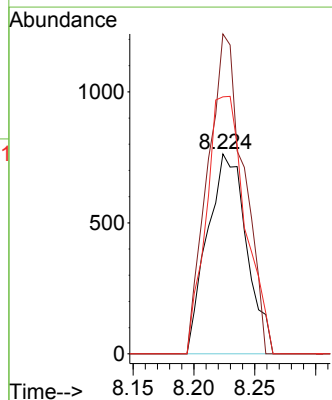
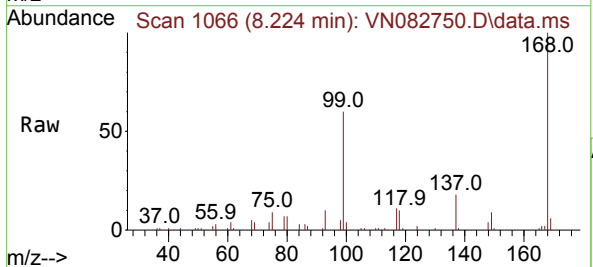
Instrument :
MSVOA_N
ClientSampleId :

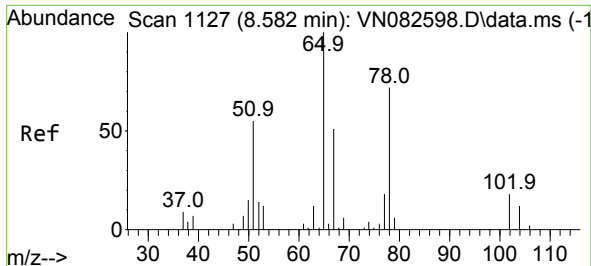
Tgt Ion: 43 Resp: 3957
Ion Ratio Lower Upper
43 100
72 16.8 18.2 27.2#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

Tgt Ion: 56 Resp: 1713
Ion Ratio Lower Upper
56 100
69 160.0 24.5 36.7#
84 128.6 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 55.162 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

Instrument :

MSVOA_N

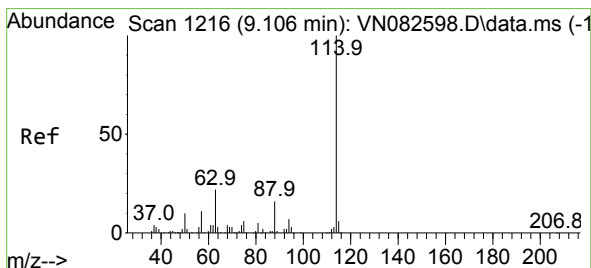
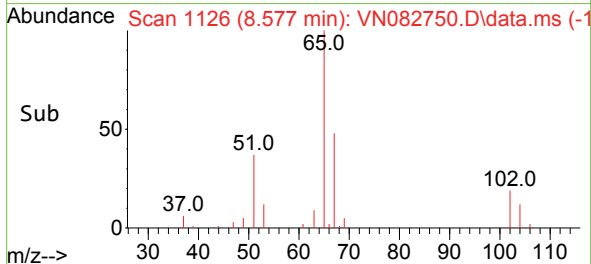
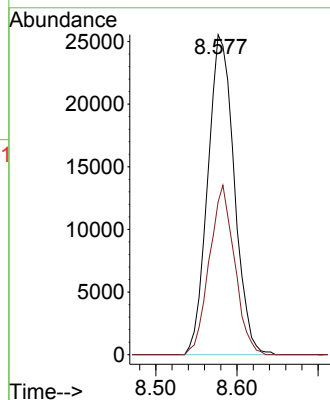
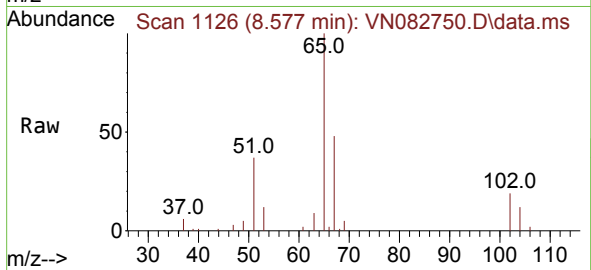
ClientSampleId :

Tgt Ion: 65 Resp: 57801

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

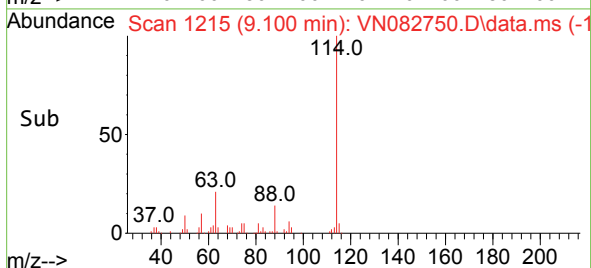
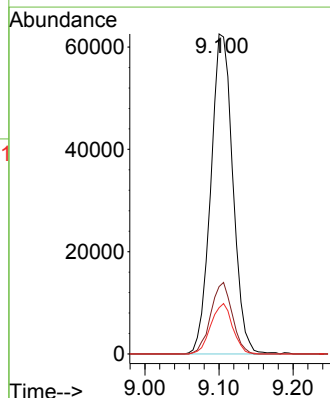
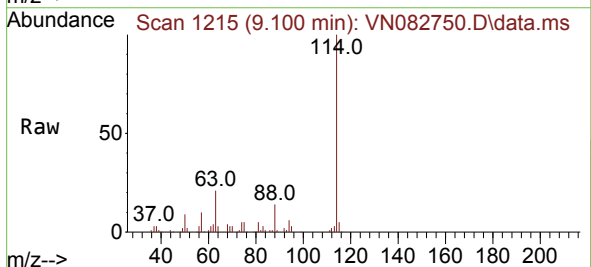
Tgt Ion: 114 Resp: 129251

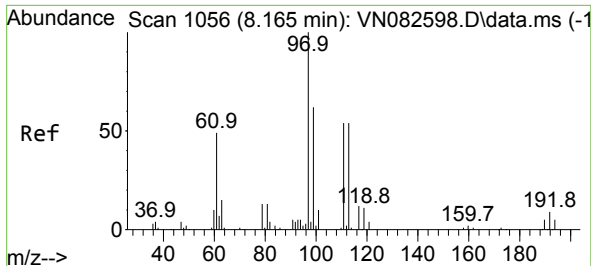
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

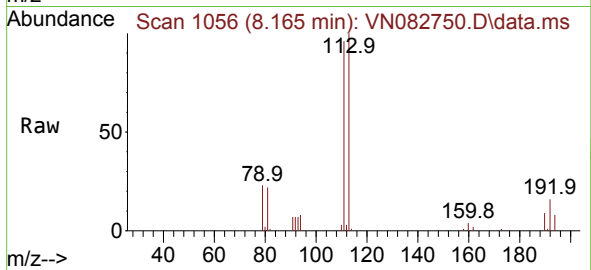
88 14.4 0.0 31.4



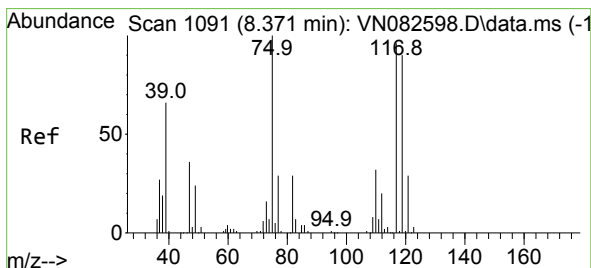
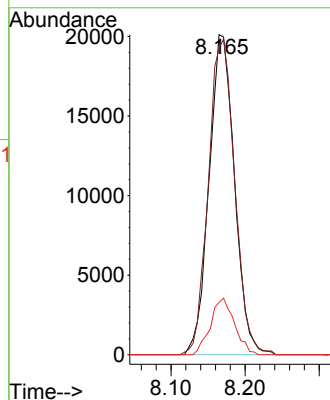
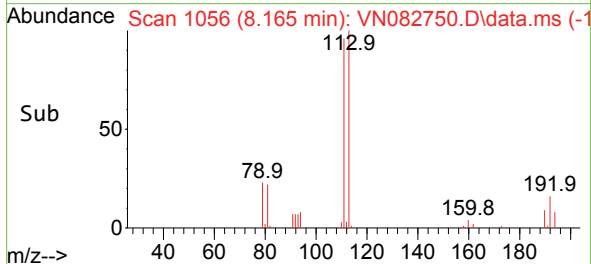


#35
Dibromofluoromethane
Concen: 56.361 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

Instrument :
MSVOA_N
ClientSampleId :

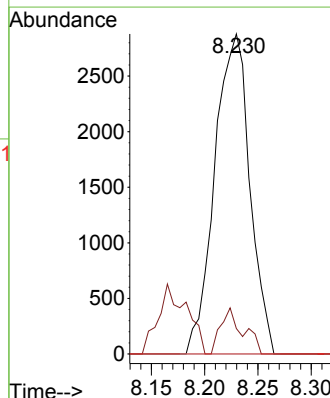
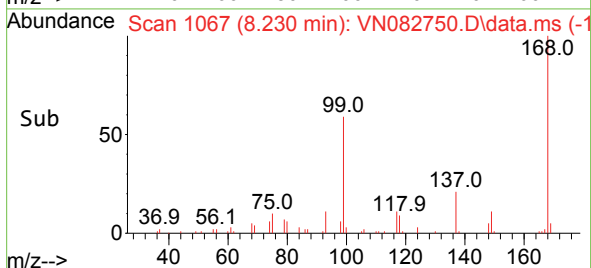
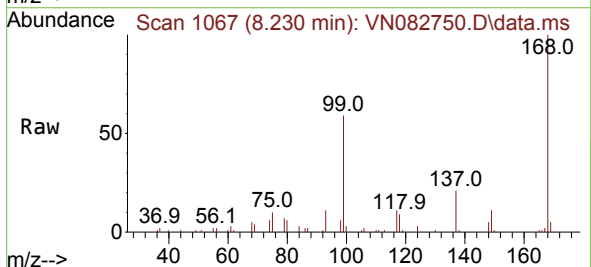


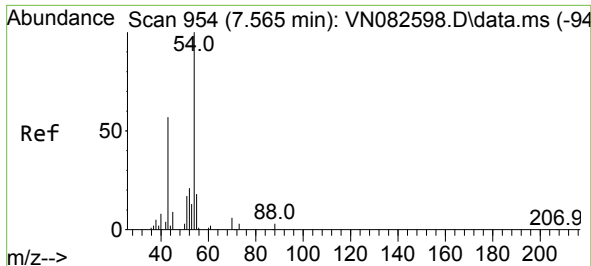
Tgt Ion:113 Resp: 47962
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 16.7 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.392 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

Tgt Ion: 75 Resp: 6595
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 2.993 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.071 min

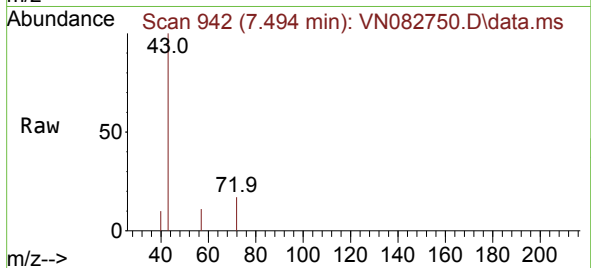
Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :



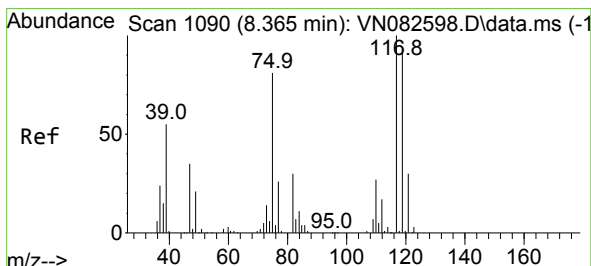
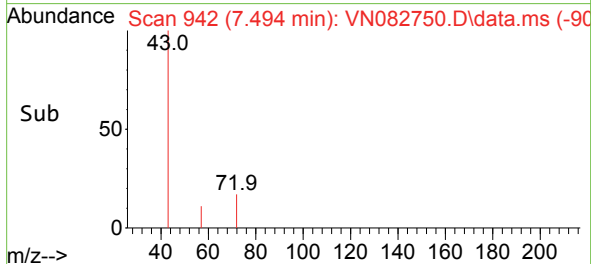
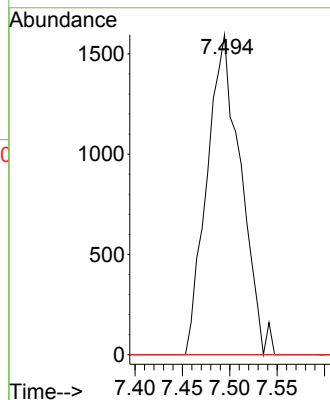
Tgt Ion: 43 Resp: 3957

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.154 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

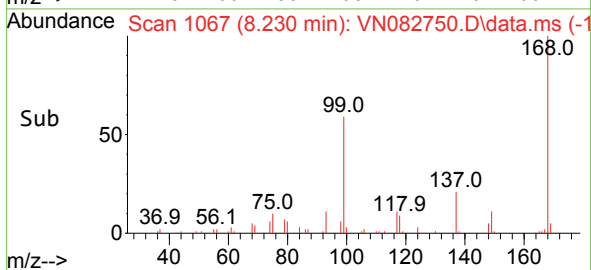
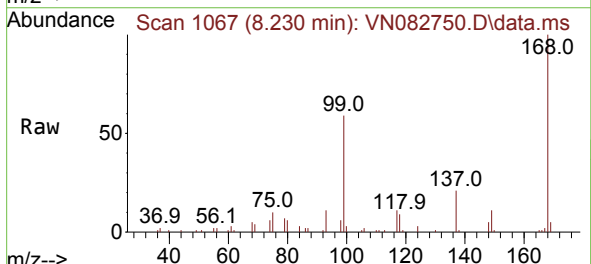
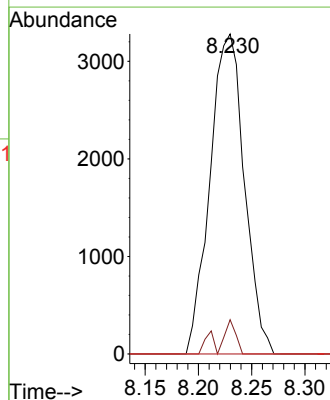
Tgt Ion: 117 Resp: 7373

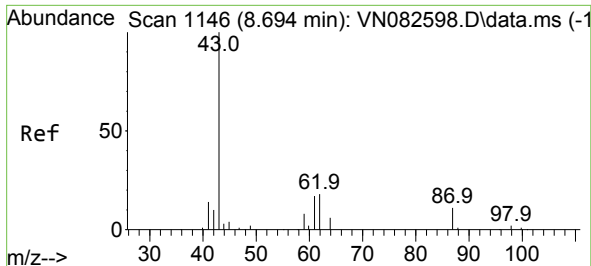
Ion Ratio Lower Upper

117 100

119 10.7 74.9 112.3#

121 0.0 24.3 36.5#

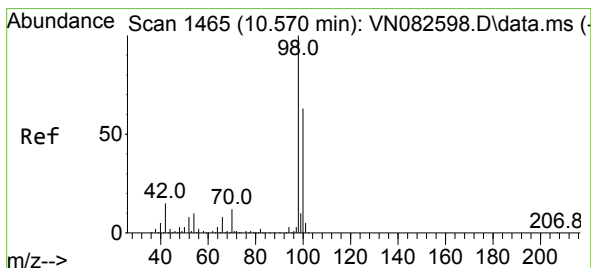
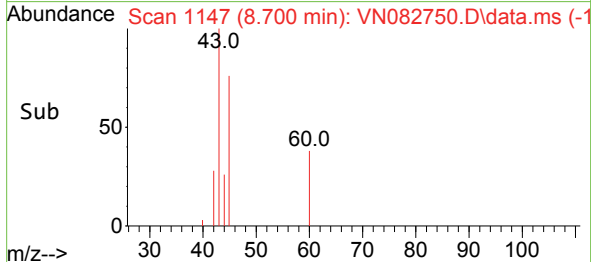
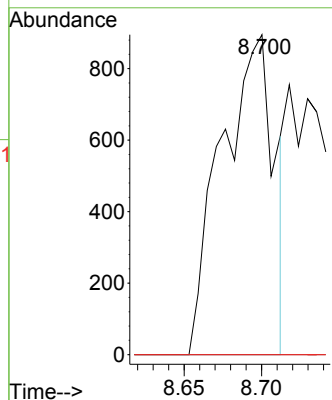
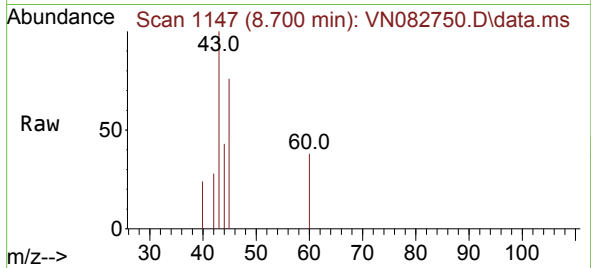




#43
Isopropyl Acetate
Concen: 0.388 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

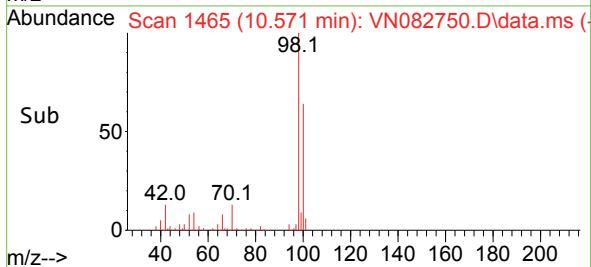
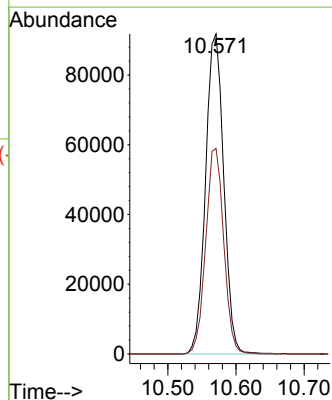
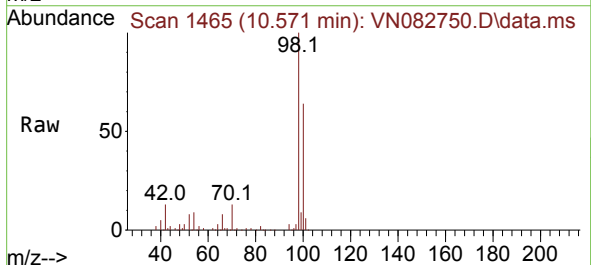
Instrument :
MSVOA_N
ClientSampleId :

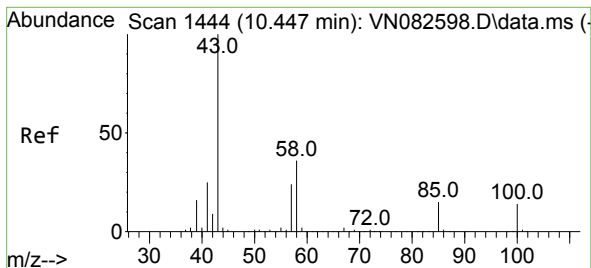
Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.498 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082750.D
Acq: 28 Jun 2024 17:00

Tgt Ion: 98 Resp: 170258
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

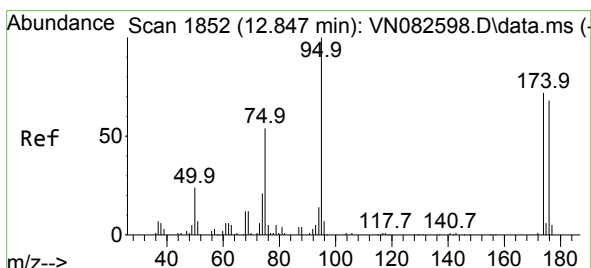
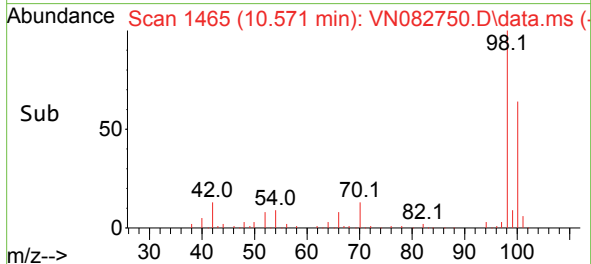
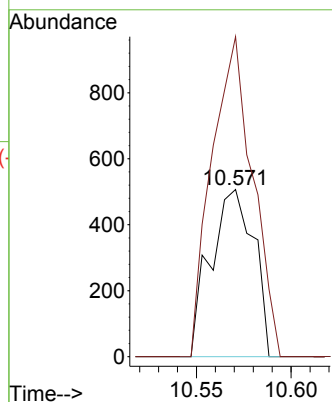
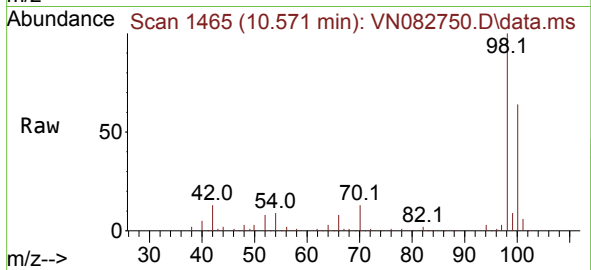




#51
 4-Methyl-2-Pentanone
 Concen: 0.595 ug/l
 RT: 10.571 min Scan# 1444
 Delta R.T. 0.124 min
 Lab File: VN082750.D
 Acq: 28 Jun 2024 17:00

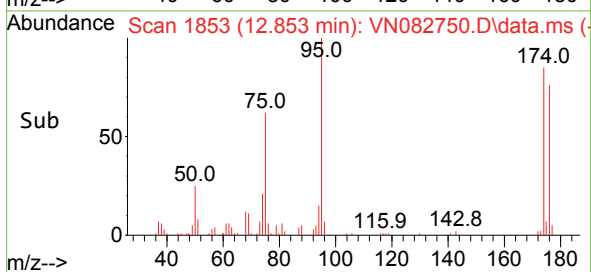
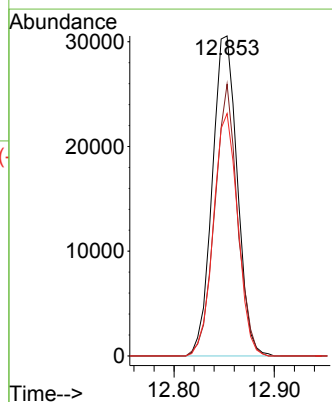
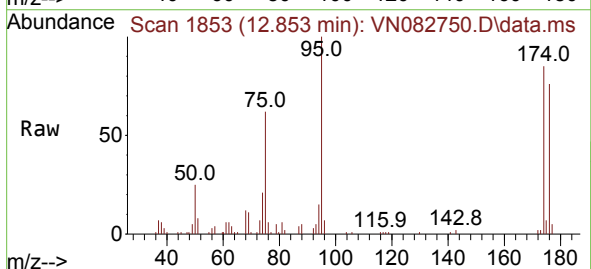
Instrument :
 MSVOA_N
 ClientSampleId :

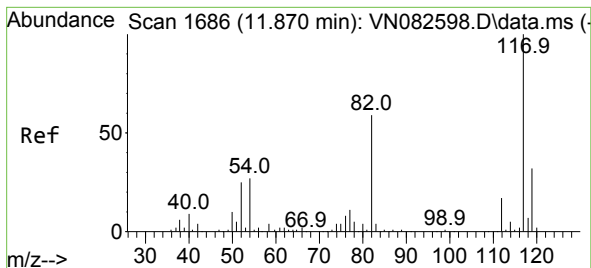
Tgt Ion: 43 Resp: 805
 Ion Ratio Lower Upper
 43 100
 58 180.9 28.2 42.4#



#62
 4-Bromofluorobenzene
 Concen: 48.383 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082750.D
 Acq: 28 Jun 2024 17:00

Tgt Ion: 95 Resp: 52879
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 159.2
 176 73.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

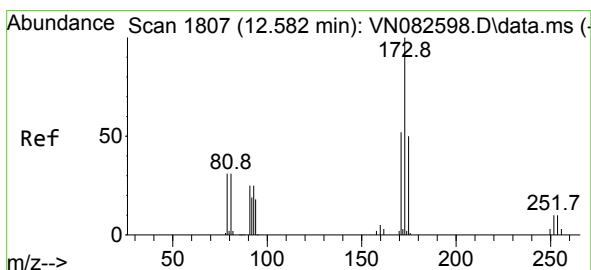
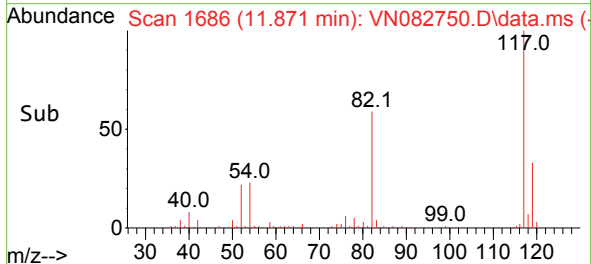
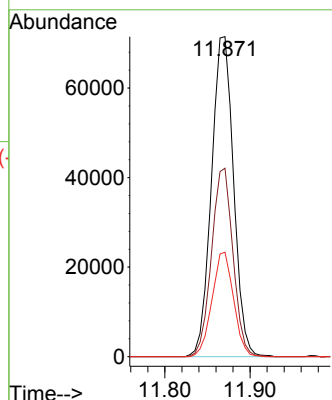
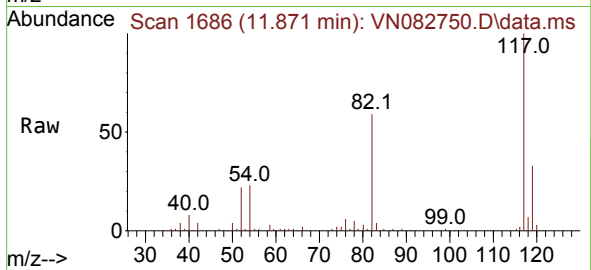
Tgt Ion:117 Resp: 128957

Ion Ratio Lower Upper

117 100

82 58.9 47.5 71.3

119 32.7 25.6 38.4



#71

Bromoform

Concen: 0.563 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

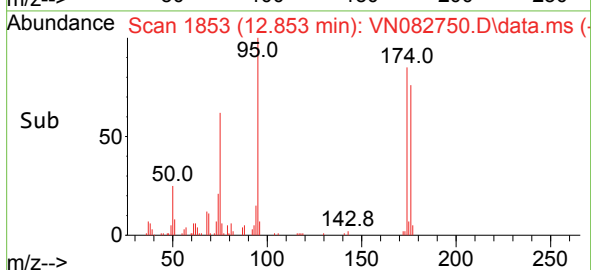
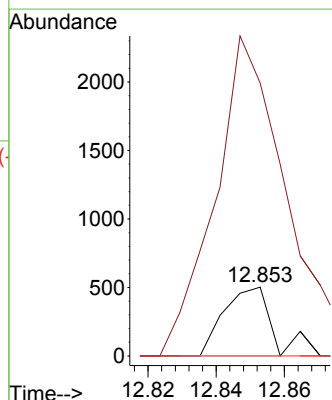
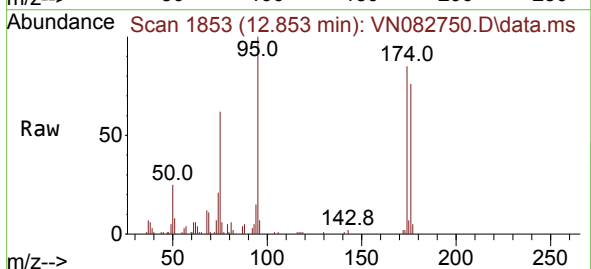
Tgt Ion:173 Resp: 443

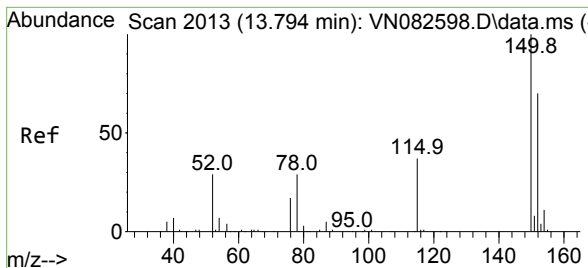
Ion Ratio Lower Upper

173 100

175 640.9 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# 20

Delta R.T. -0.000 min

Lab File: VN082750.D

Acq: 28 Jun 2024 17:00

Instrument :

MSVOA_N

ClientSampleId :

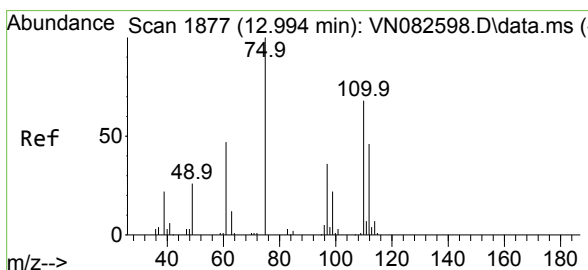
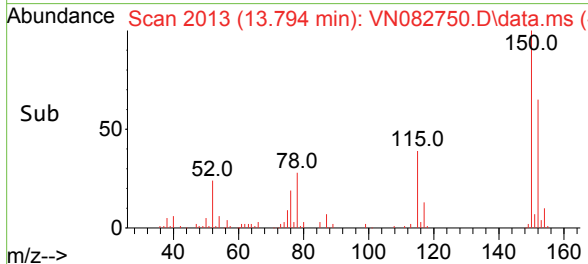
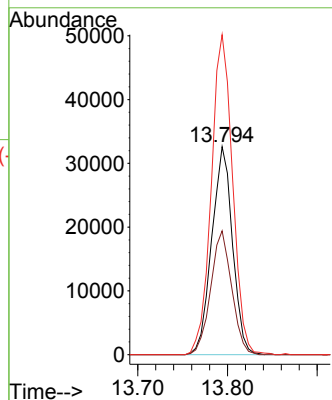
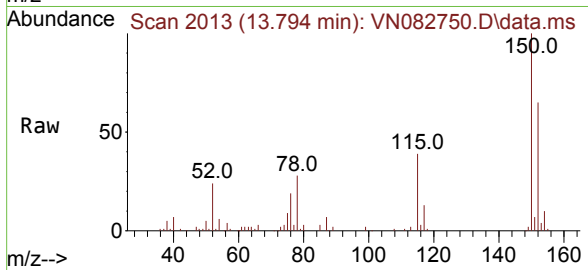
Tgt Ion:152 Resp: 52419

Ion Ratio Lower Upper

152 100

115 60.1 30.6 91.6

150 157.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.111 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082750.D

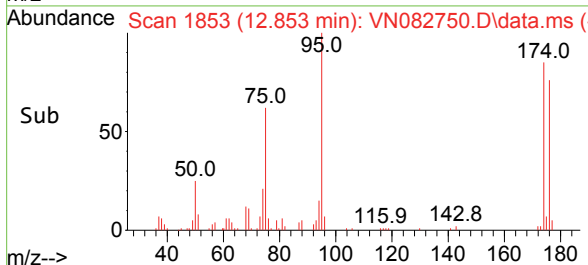
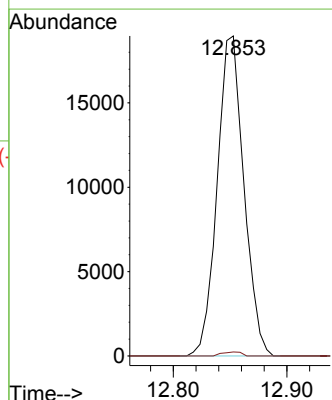
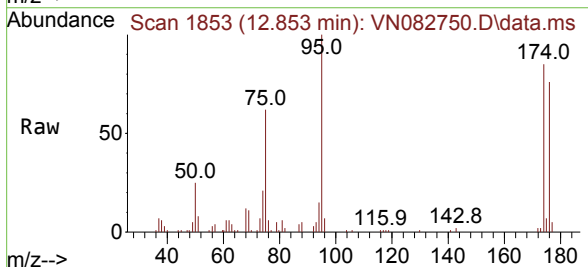
Acq: 28 Jun 2024 17:00

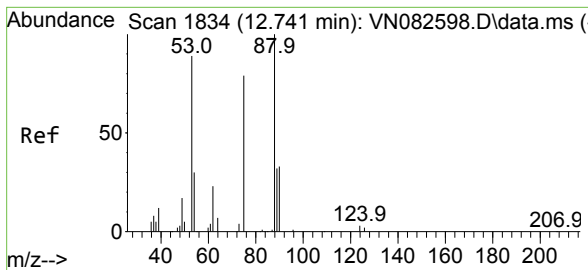
Tgt Ion: 75 Resp: 30998

Ion Ratio Lower Upper

75 100

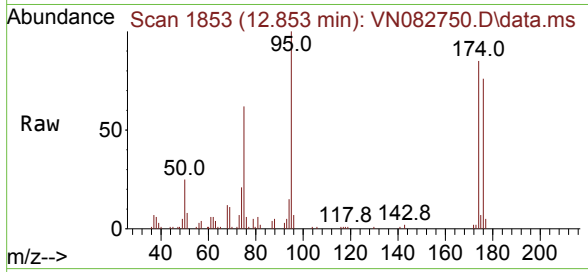
77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.702 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082750.D
 Acq: 28 Jun 2024 17:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	30998
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

