

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082760.D
 Acq On : 01 Jul 2024 13:03
 Operator : JC\MD
 Sample : P3120-01DL 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 00:06:23 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

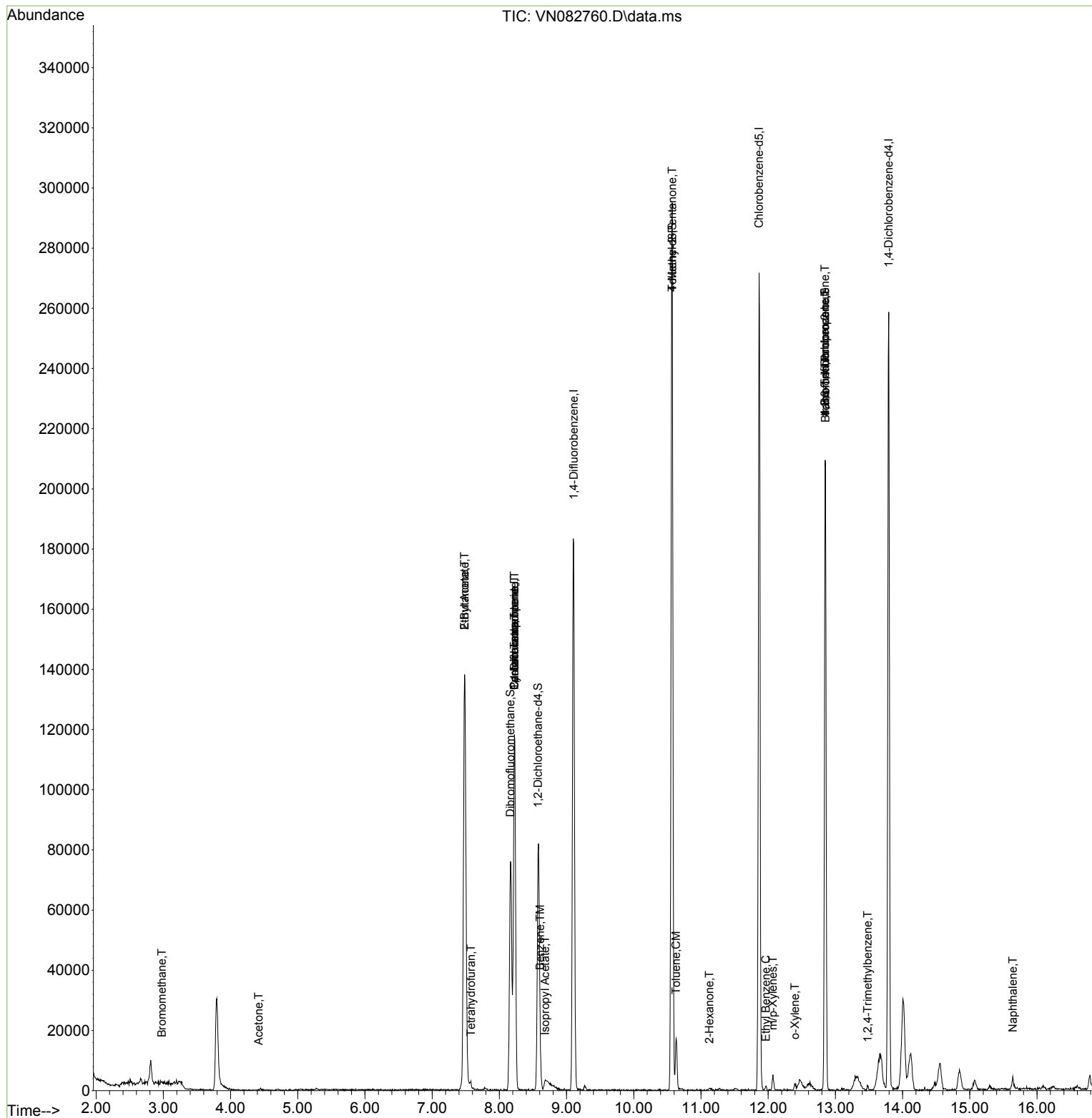
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	84873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	158683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	153135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	67687	51.714	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.420%	
35) Dibromofluoromethane	8.165	113	54600	52.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.520%	
50) Toluene-d8	10.571	98	202525	51.834	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.847	95	68476	51.033	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.060%	
Target Compounds						Qvalue
5) Bromomethane	2.977	94	489	0.478	ug/l	92
16) Acetone	4.418	43	139	0.280	ug/l #	48
25) 2-Butanone	7.483	43	221547	292.423	ug/l	95
29) Tetrahydrofuran	7.577	42	197	0.403	ug/l #	38
31) Cyclohexane	8.224	56	2343	1.270	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	7330	4.881	ug/l #	52
37) Ethyl Acetate	7.483	43	221547	136.503	ug/l #	72
38) Carbon Tetrachloride	8.224	117	9432	5.370	ug/l #	16
40) Benzene	8.606	78	5570	1.131	ug/l	97
43) Isopropyl Acetate	8.682	43	2145	0.219	ug/l #	60
51) 4-Methyl-2-Pentanone	10.571	43	929	0.560	ug/l #	1
52) Toluene	10.629	92	7421	2.565	ug/l	98
59) 2-Hexanone	11.123	43	954	0.775	ug/l #	28
67) Ethyl Benzene	11.965	91	1534	0.271	ug/l	94
68) m/p-Xylenes	12.070	106	1863	0.883	ug/l	100
69) o-Xylene	12.400	106	691	0.340	ug/l	67
71) Bromoform	12.853	173	668	0.716	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	38881	25.883	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	38881	67.501	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.482	105	1120	0.275	ug/l	78
95) Naphthalene	15.641	128	3767	1.023	ug/l #	92

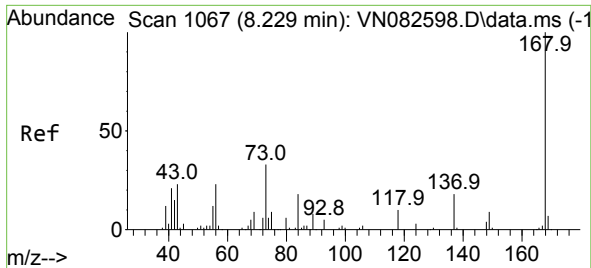
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
Data File : VN082760.D
Acq On : 01 Jul 2024 13:03
Operator : JC\MD
Sample : P3120-01DL 200X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

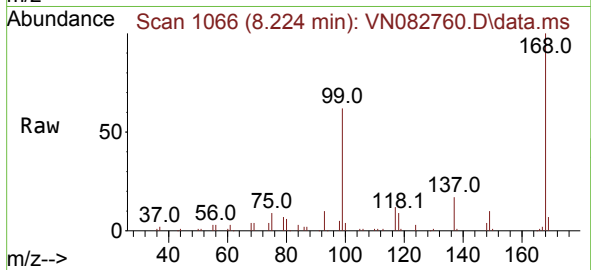
Quant Time: Jul 02 00:06:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



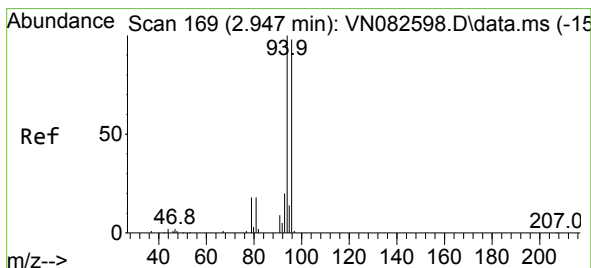
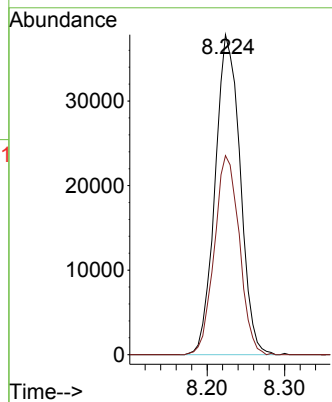
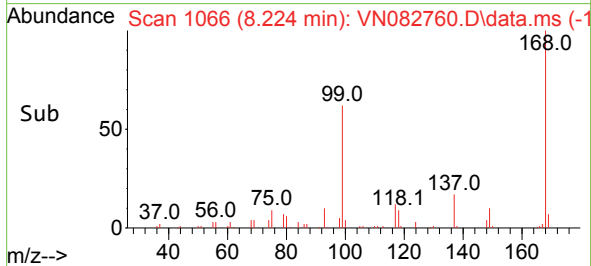


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :

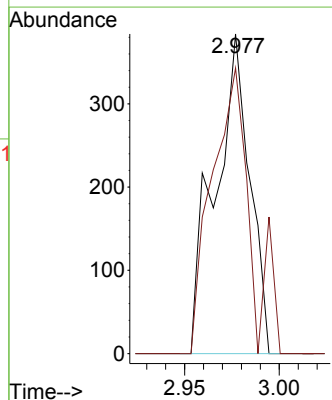
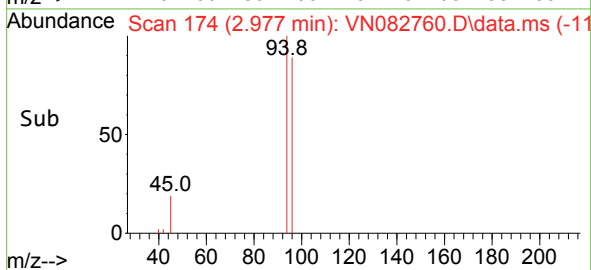
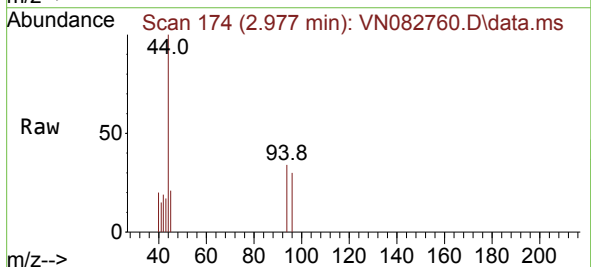


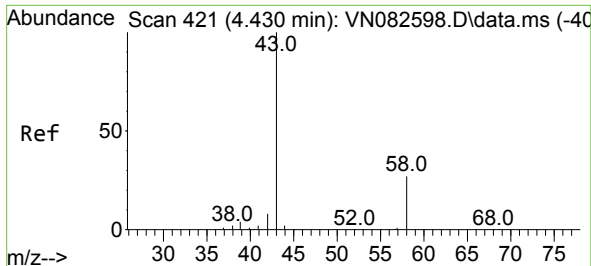
Tgt Ion:168 Resp: 84873
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#5
Bromomethane
Concen: 0.478 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 94 Resp: 489
Ion Ratio Lower Upper
94 100
96 89.3 78.0 117.0

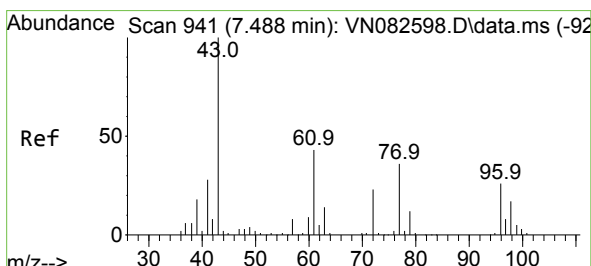
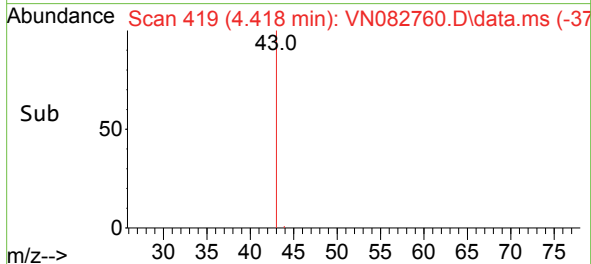
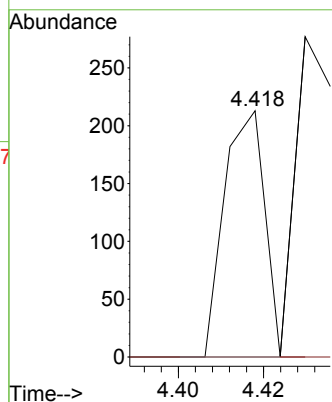
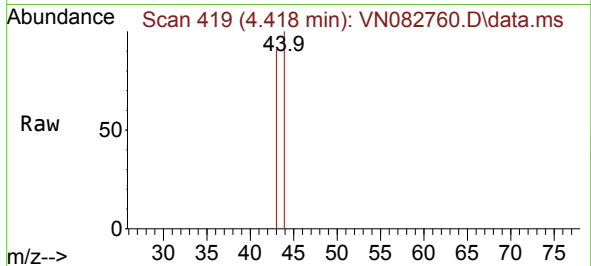




#16
Acetone
Concen: 0.280 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

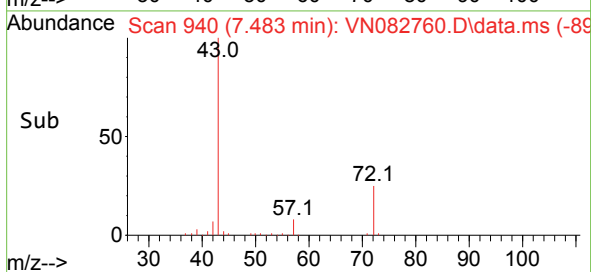
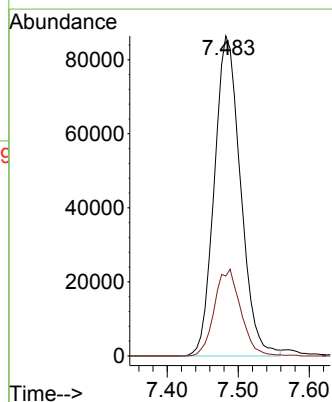
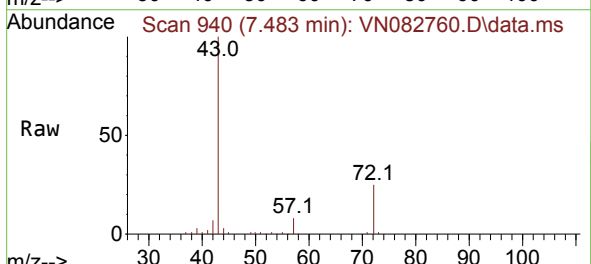
Instrument :
MSVOA_N
ClientSampleId :

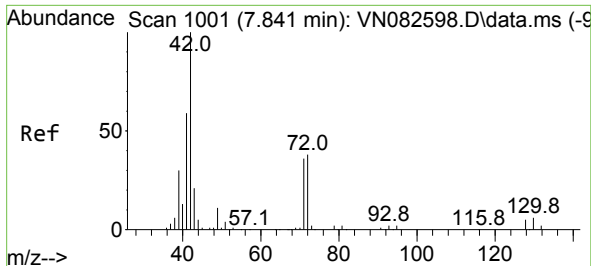
Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#25
2-Butanone
Concen: 292.423 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 43 Resp: 221547
Ion Ratio Lower Upper
43 100
72 25.0 18.2 27.2





#29

Tetrahydrofuran

Concen: 0.403 ug/l

RT: 7.577 min Scan# 91

Delta R.T. -0.264 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

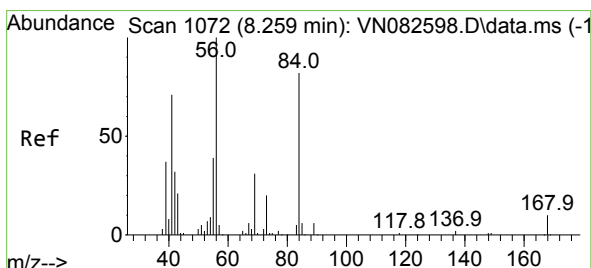
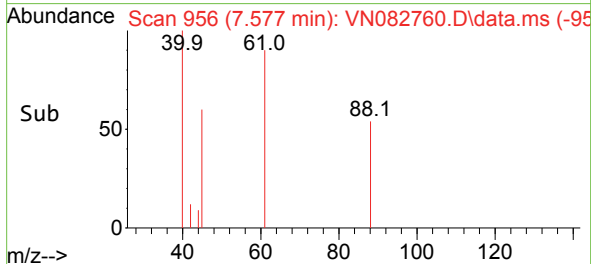
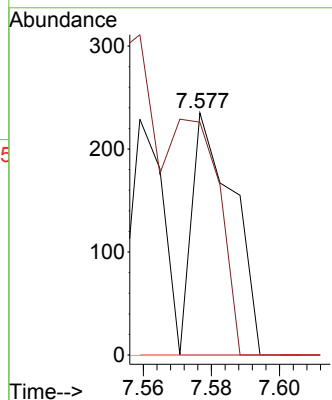
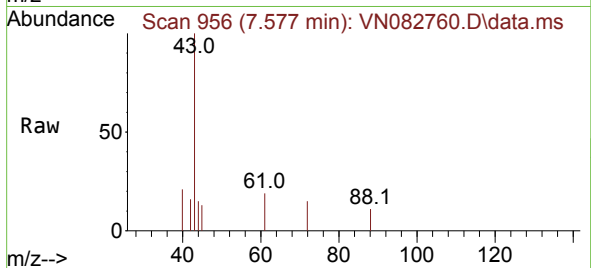
Tgt Ion: 42 Resp: 197

Ion Ratio Lower Upper

42 100

72 0.0 30.0 45.0#

71 0.0 28.3 42.5#



#31

Cyclohexane

Concen: 1.270 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

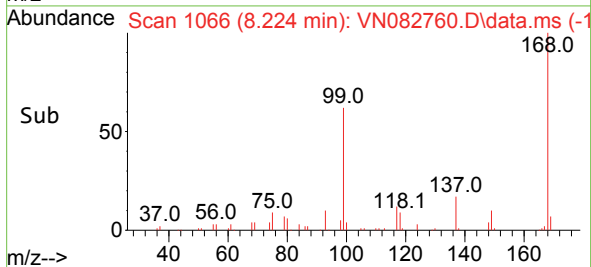
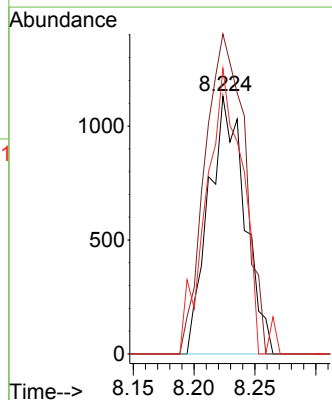
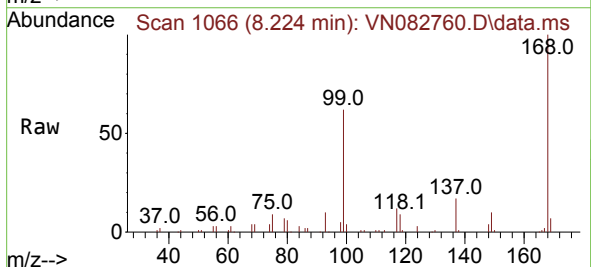
Tgt Ion: 56 Resp: 2343

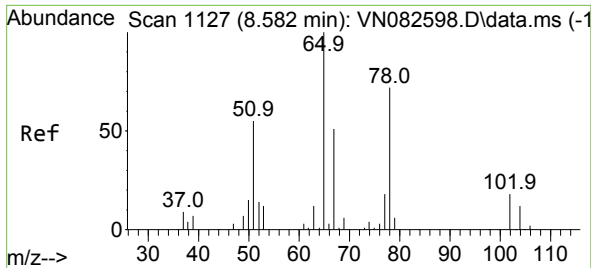
Ion Ratio Lower Upper

56 100

69 124.1 24.5 36.7#

84 110.8 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 51.714 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

Instrument :

MSVOA_N

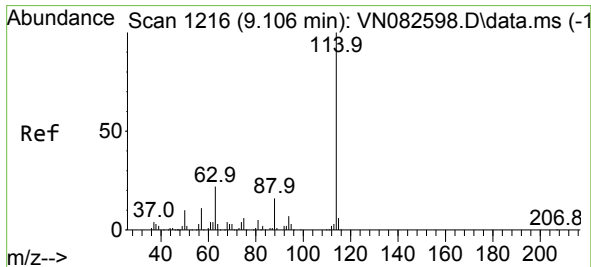
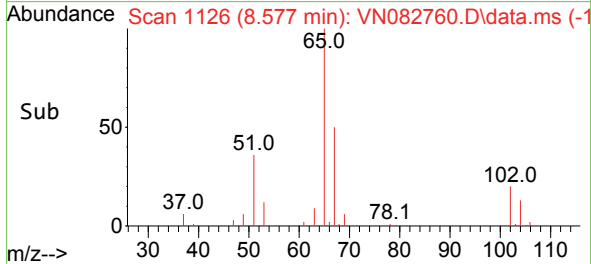
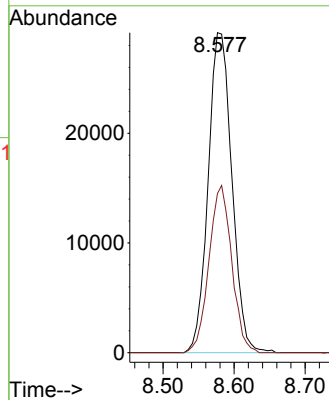
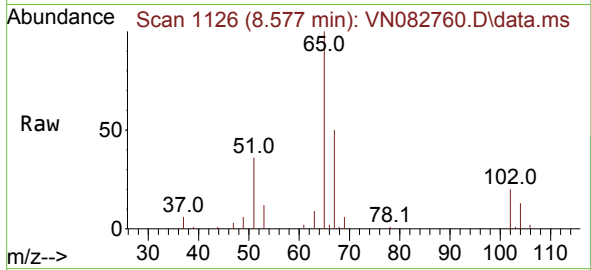
ClientSampleId :

Tgt Ion: 65 Resp: 67687

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

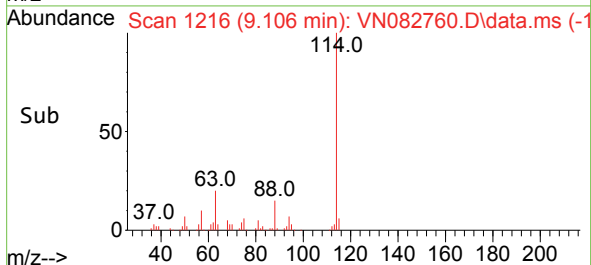
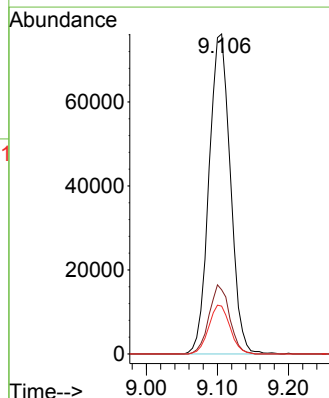
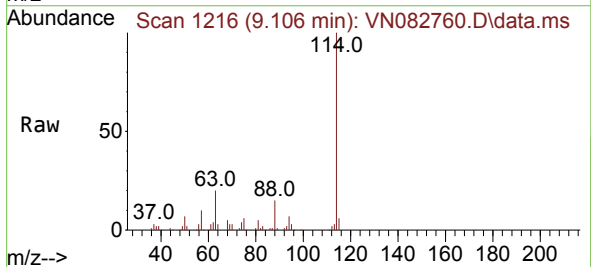
Tgt Ion: 114 Resp: 158683

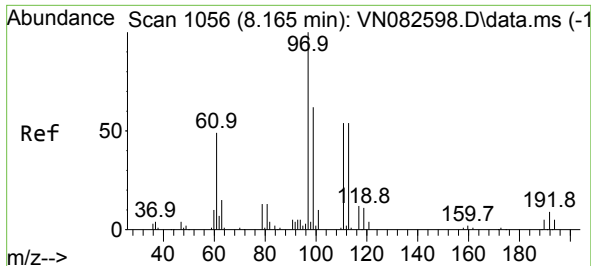
Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.6

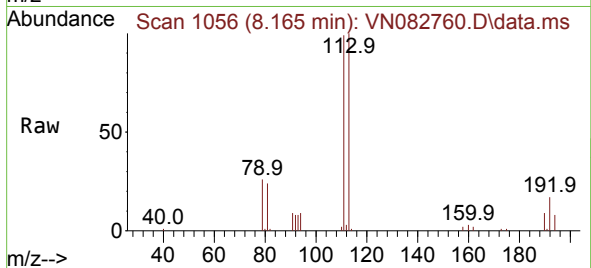
88 15.0 0.0 31.4



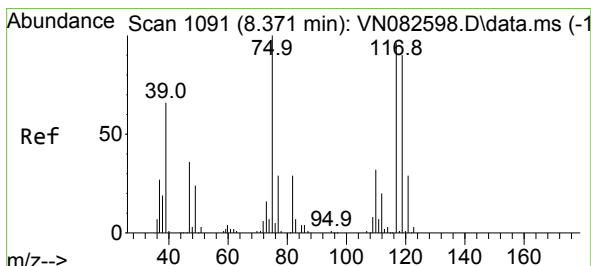
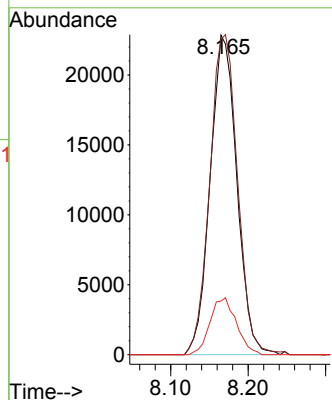
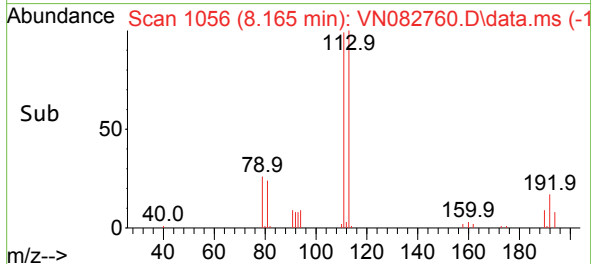


#35
Dibromofluoromethane
Concen: 52.261 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :

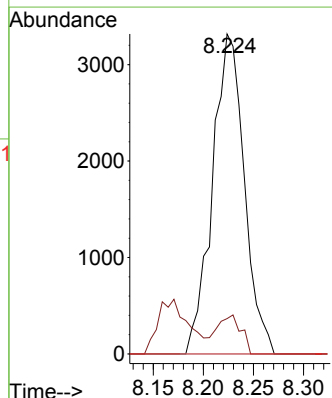
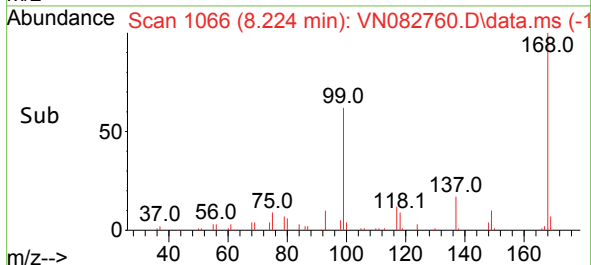
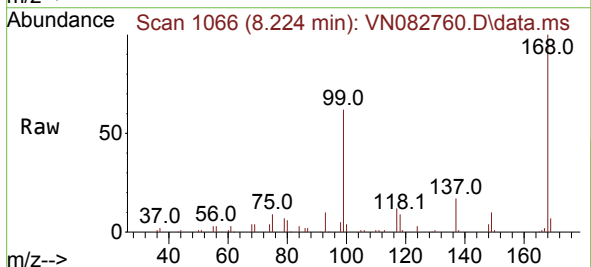


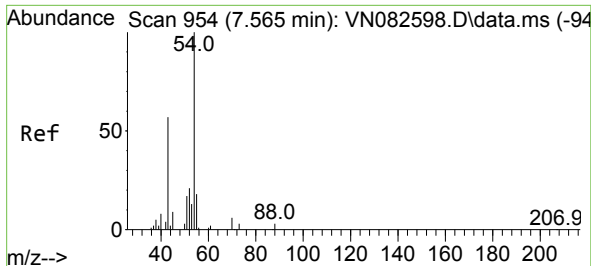
Tgt Ion:113 Resp: 54600
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

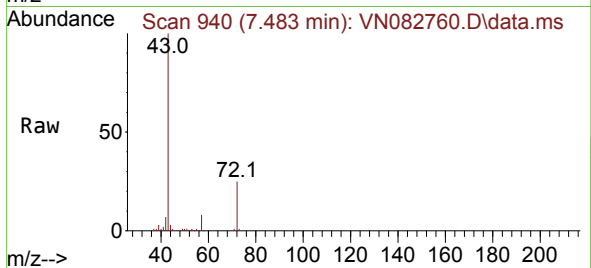
Tgt Ion: 75 Resp: 7330
Ion Ratio Lower Upper
75 100
110 9.7 16.3 48.9#
77 0.0 24.6 37.0#



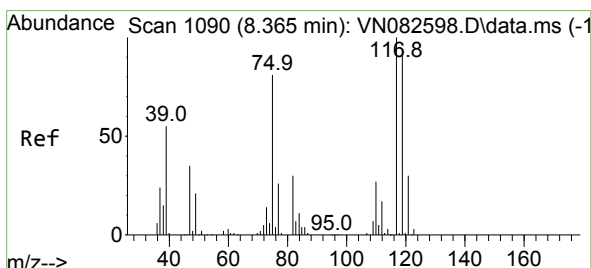
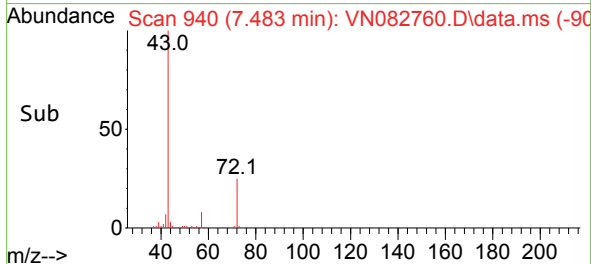
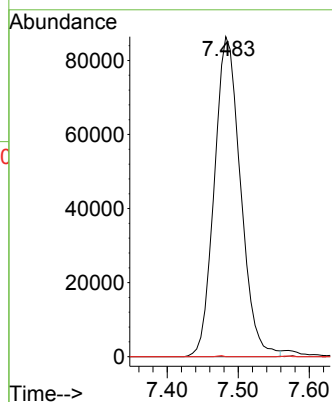


#37
Ethyl Acetate
Concen: 136.503 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.082 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :

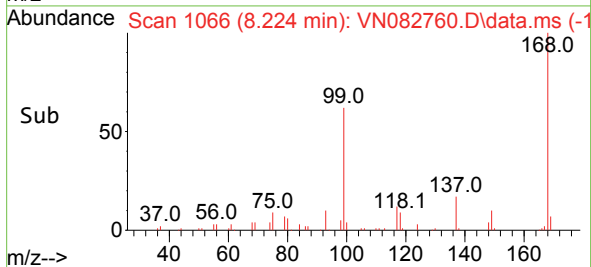
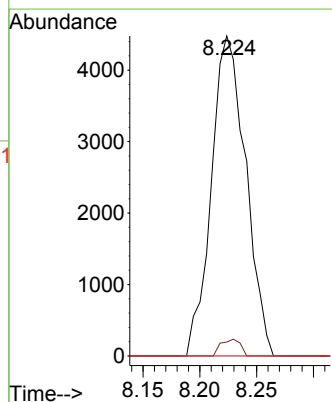
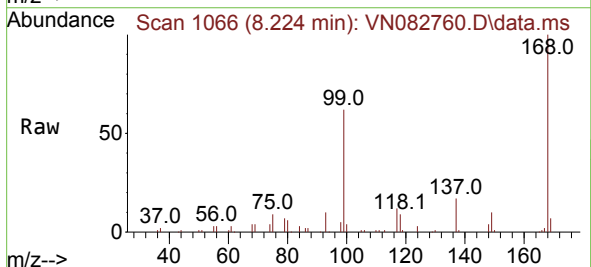


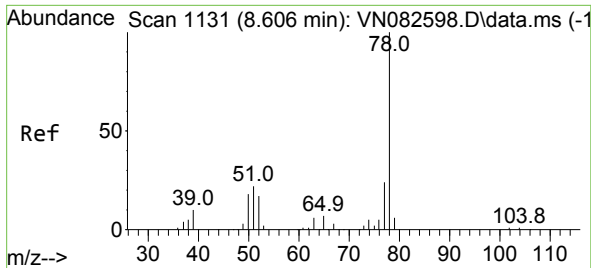
Tgt Ion: 43 Resp: 221547
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.1 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 5.370 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

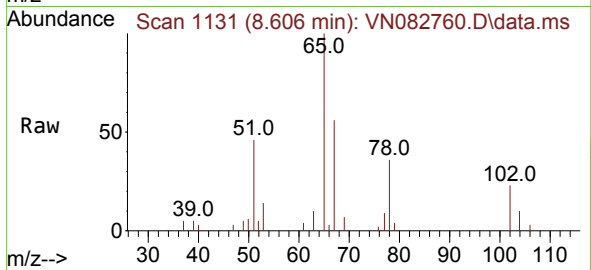
Tgt Ion: 117 Resp: 9432
Ion Ratio Lower Upper
117 100
119 4.4 74.9 112.3#
121 0.0 24.3 36.5#



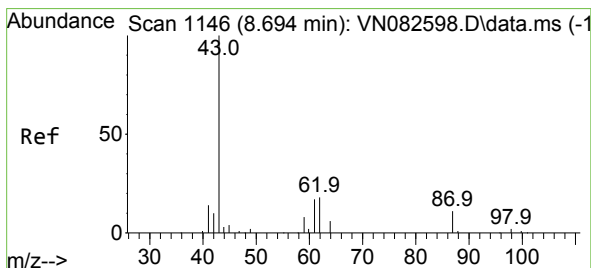
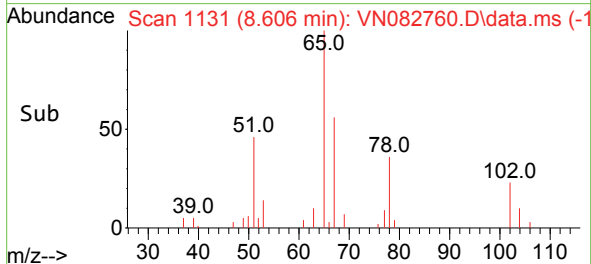
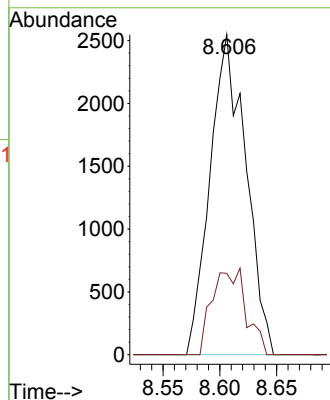


#40
Benzene
Concen: 1.131 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :

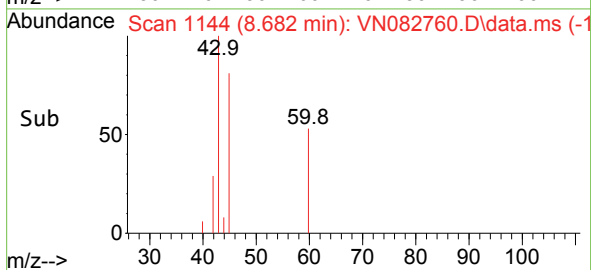
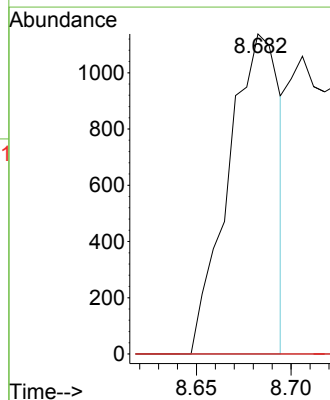
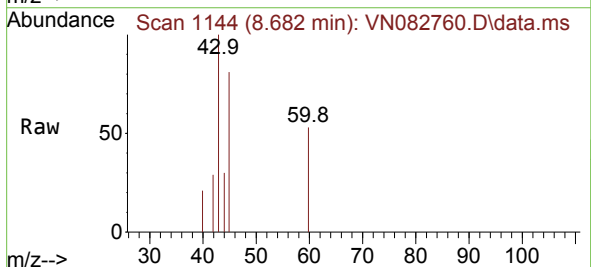


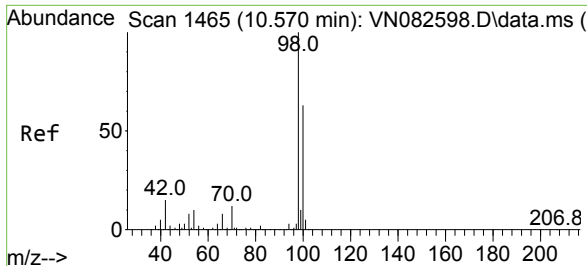
Tgt Ion: 78 Resp: 5570
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.4



#43
Isopropyl Acetate
Concen: 0.219 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

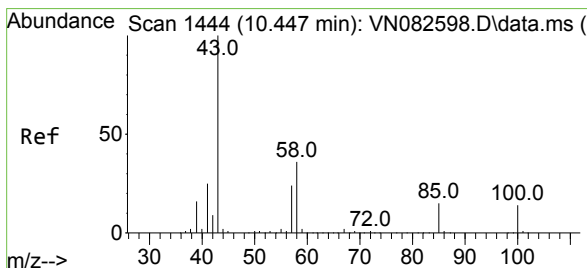
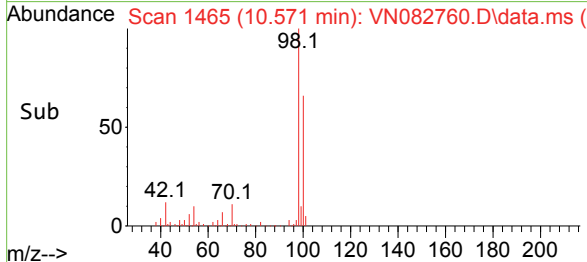
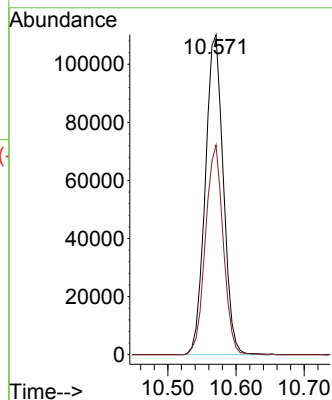
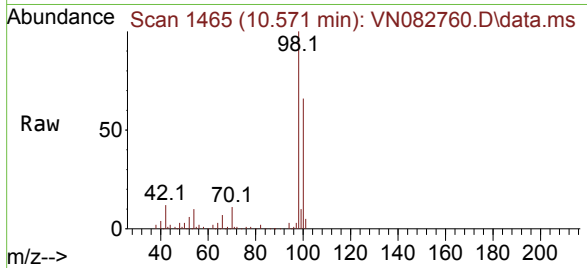




#50
Toluene-d8
Concen: 51.834 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

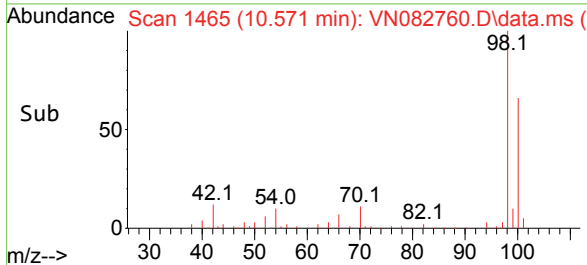
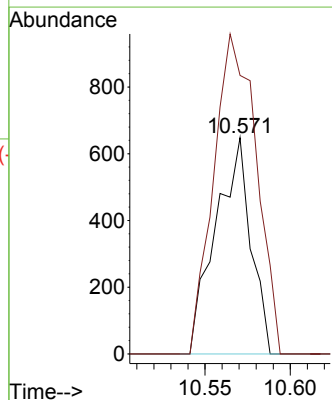
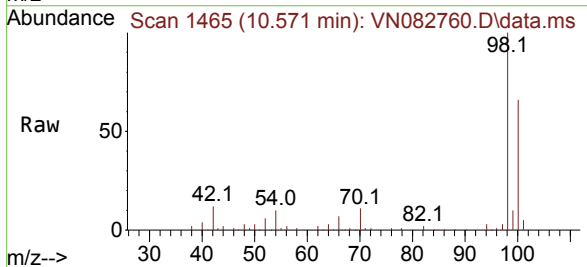
Instrument :
MSVOA_N
ClientSampleId :

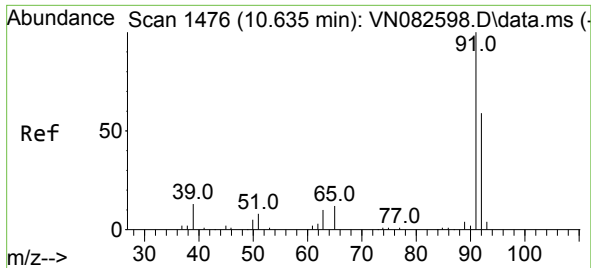
Tgt Ion: 98 Resp: 202525
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 179.7 28.2 42.4#

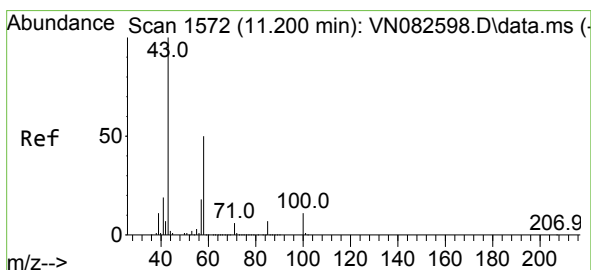
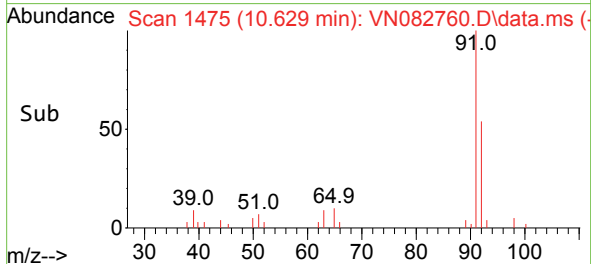
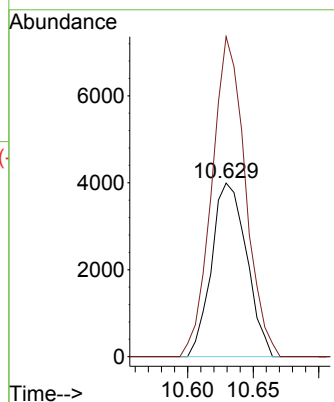
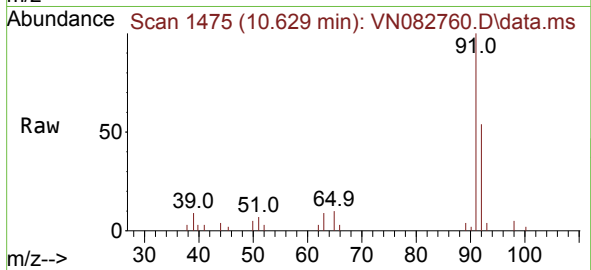




#52
Toluene
Concen: 2.565 ug/l
RT: 10.629 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

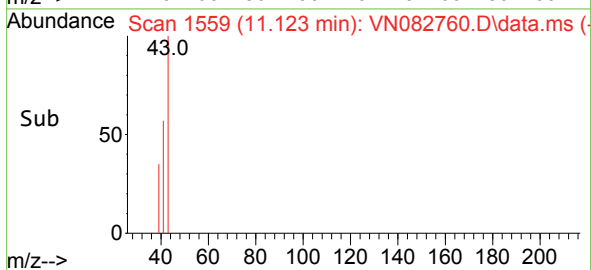
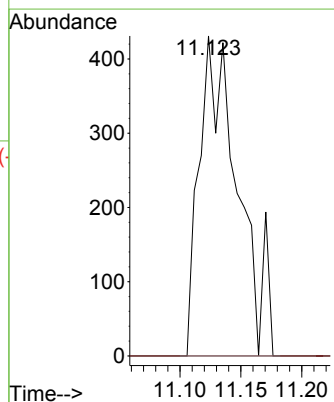
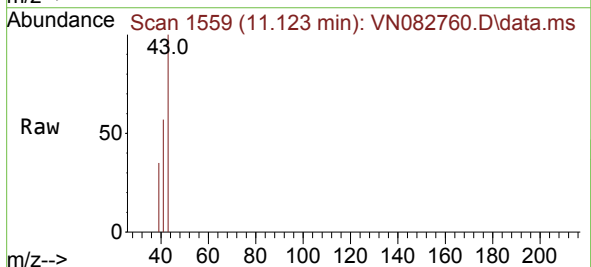
Instrument :
MSVOA_N
ClientSampleId :

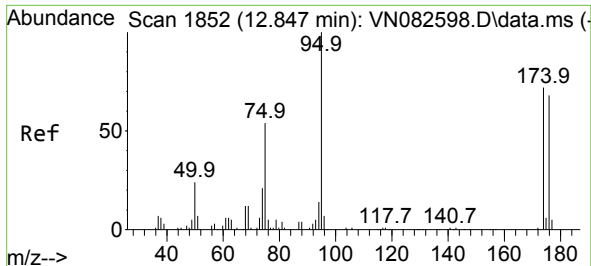
Tgt Ion: 92 Resp: 7421
Ion Ratio Lower Upper
92 100
91 176.4 139.4 209.0



#59
2-Hexanone
Concen: 0.775 ug/l
RT: 11.123 min Scan# 1559
Delta R.T. -0.077 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#





#62

4-Bromofluorobenzene

Concen: 51.033 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

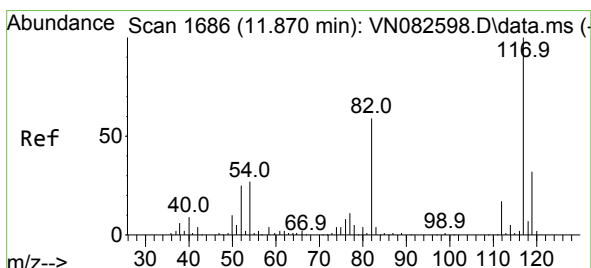
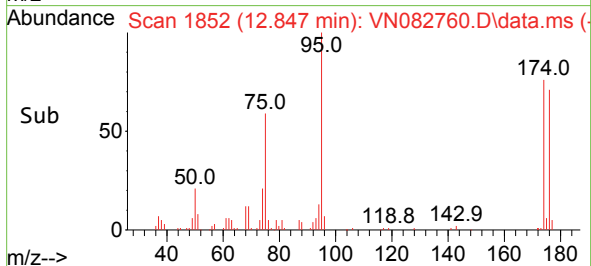
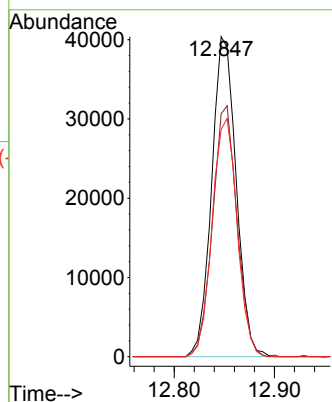
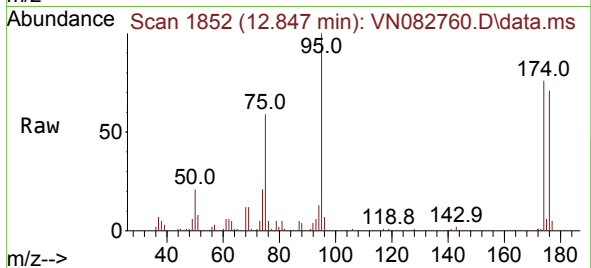
Tgt Ion: 95 Resp: 68476

Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.2

176 75.7 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.005 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

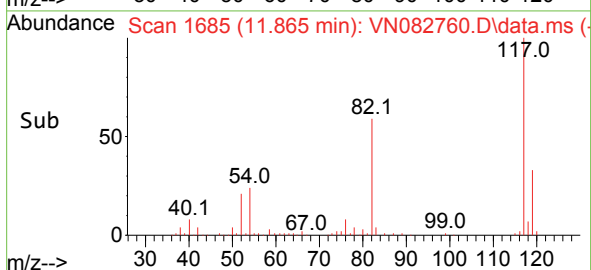
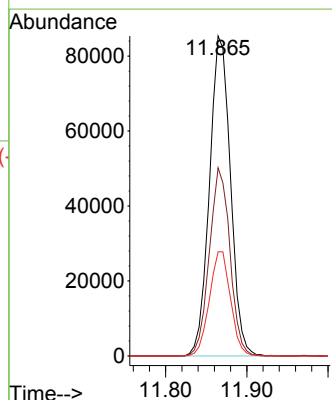
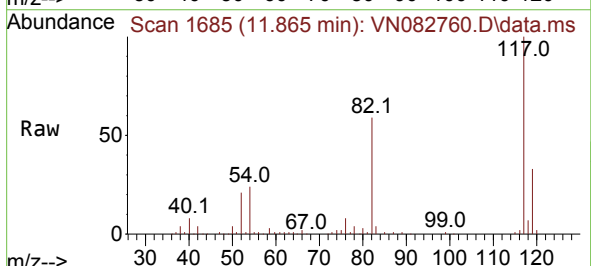
Tgt Ion: 117 Resp: 153135

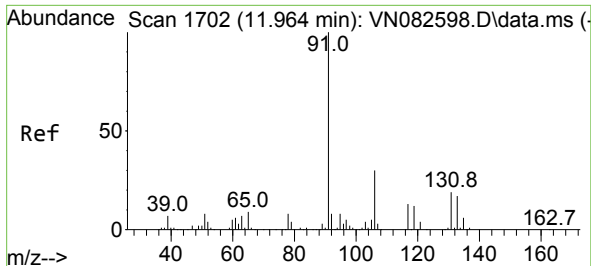
Ion Ratio Lower Upper

117 100

82 58.8 47.5 71.3

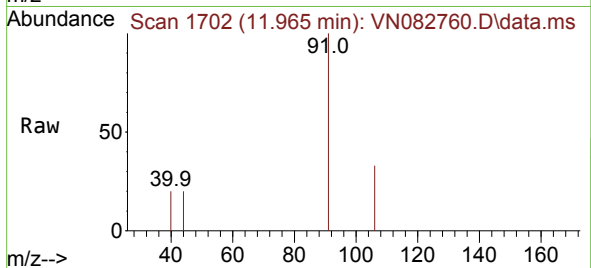
119 32.6 25.6 38.4



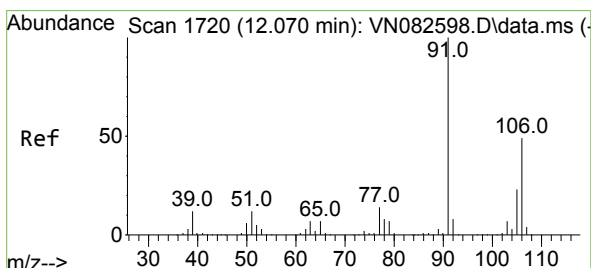
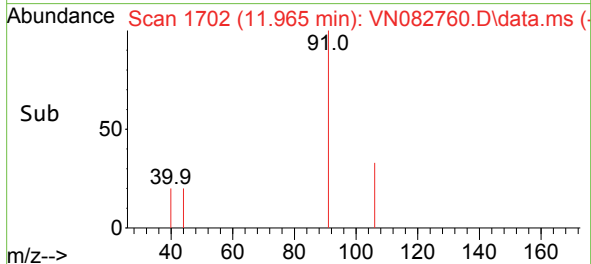
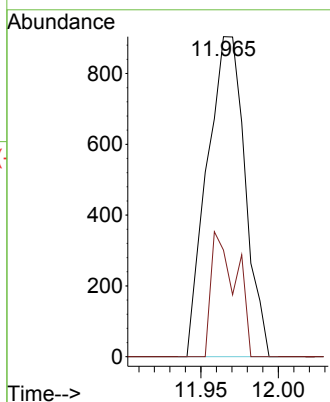


#67
Ethyl Benzene
Concen: 0.271 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :

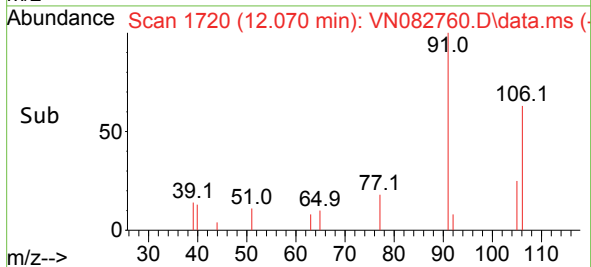
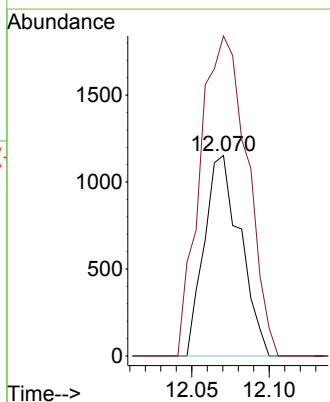
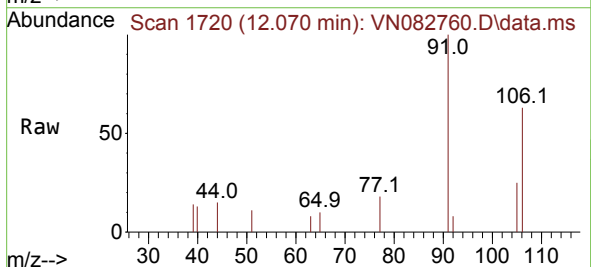


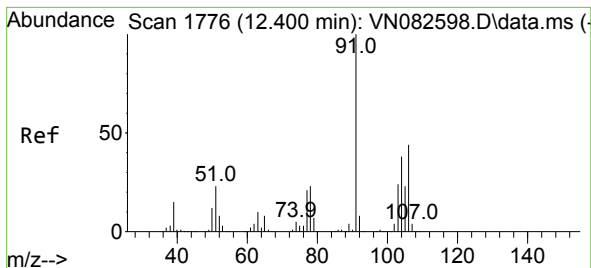
Tgt Ion: 91 Resp: 1534
Ion Ratio Lower Upper
91 100
106 33.3 24.0 36.0



#68
m/p-Xylenes
Concen: 0.883 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 106 Resp: 1863
Ion Ratio Lower Upper
106 100
91 208.2 166.1 249.1





#69

o-Xylene

Concen: 0.340 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

Instrument :

MSVOA_N

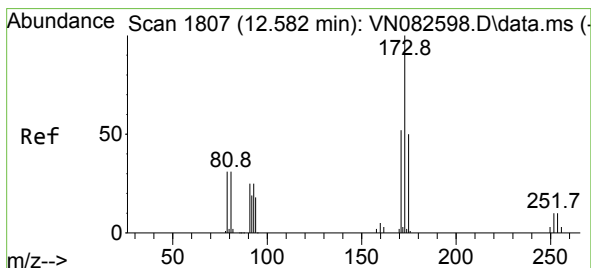
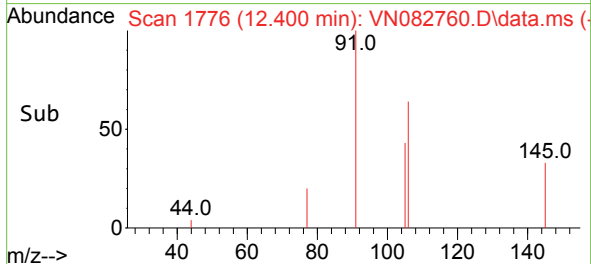
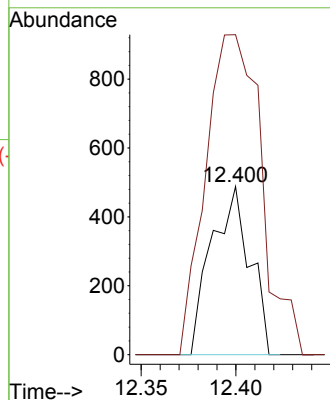
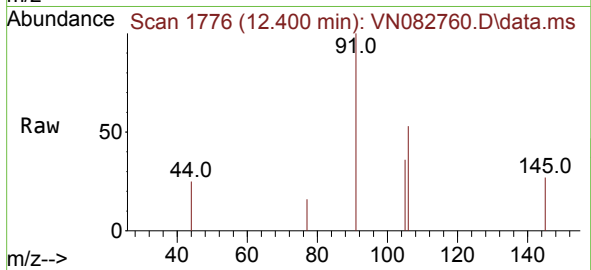
ClientSampleId :

Tgt Ion:106 Resp: 691

Ion Ratio Lower Upper

106 100

91 275.3 111.3 333.9



#71

Bromoform

Concen: 0.716 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

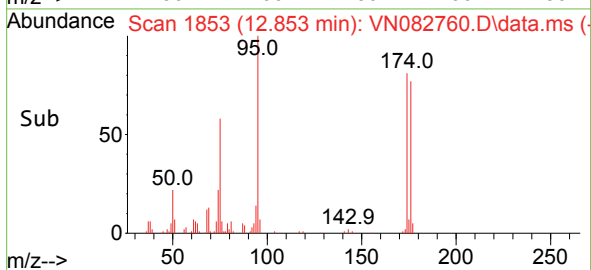
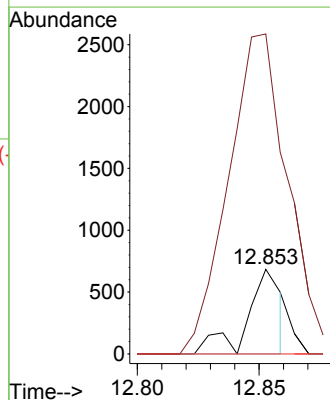
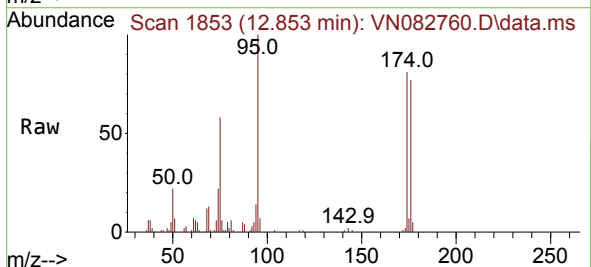
Tgt Ion:173 Resp: 668

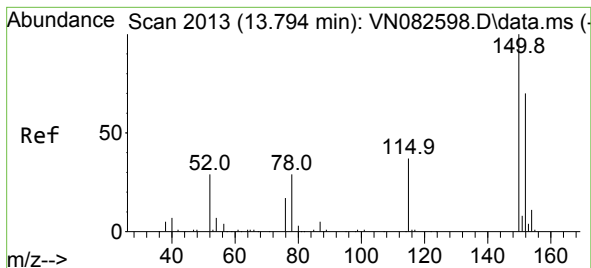
Ion Ratio Lower Upper

173 100

175 554.8 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 MSVOA_N

Lab File: VN082760.D

Acq: 01 Jul 2024 13:03

Instrument :

MSVOA_N

ClientSampleId :

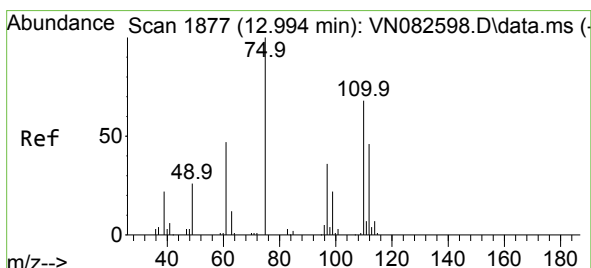
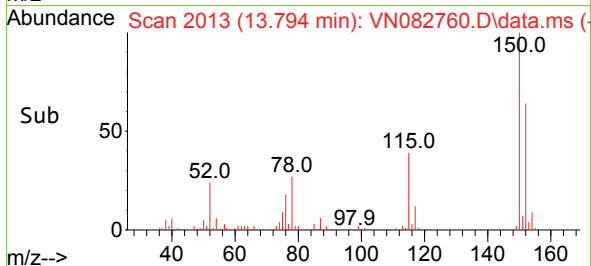
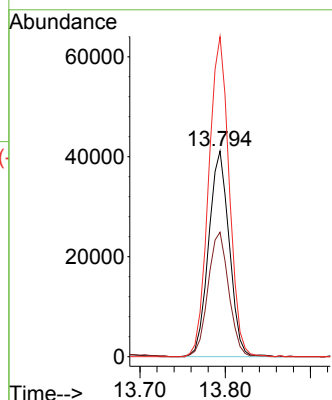
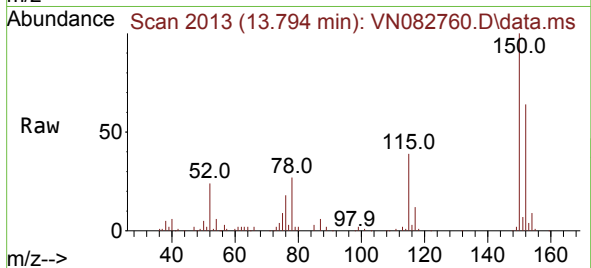
Tgt Ion:152 Resp: 68868

Ion Ratio Lower Upper

152 100

115 61.3 30.6 91.6

150 155.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 25.883 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082760.D

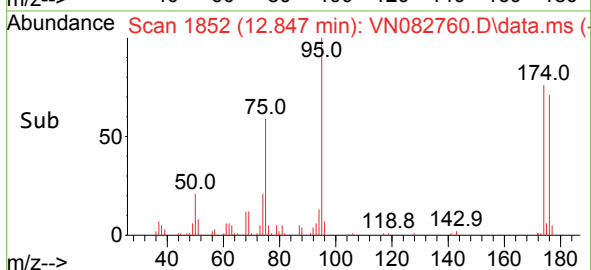
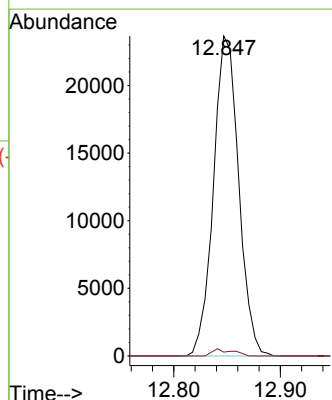
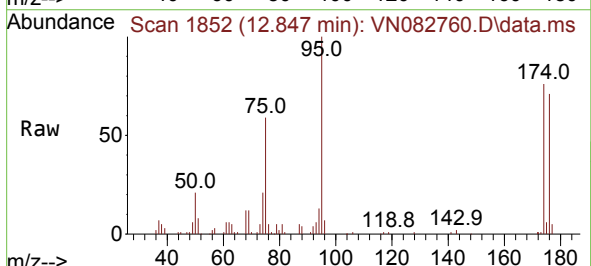
Acq: 01 Jul 2024 13:03

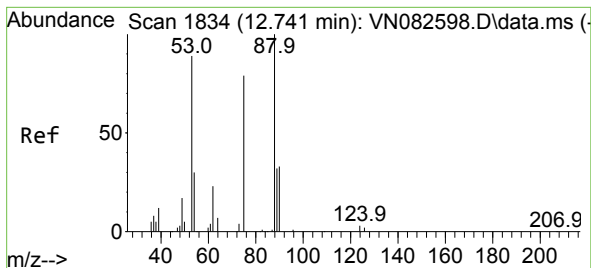
Tgt Ion: 75 Resp: 38881

Ion Ratio Lower Upper

75 100

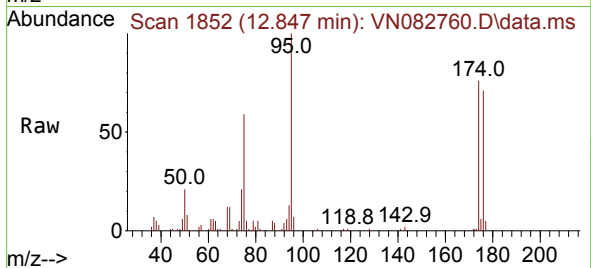
77 1.8 110.9 332.6#



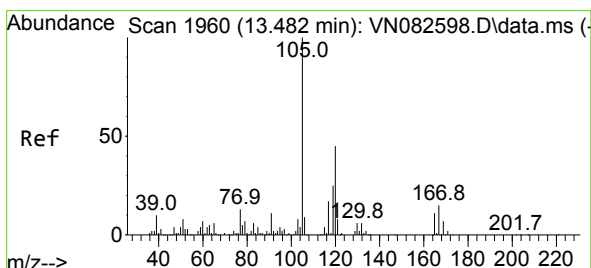
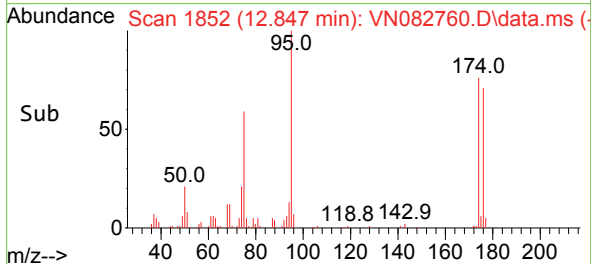
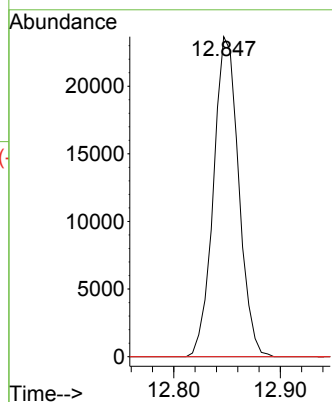


#81
trans-1,4-Dichloro-2-butene
Concen: 67.501 ug/l
RT: 12.847 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Instrument :
MSVOA_N
ClientSampleId :

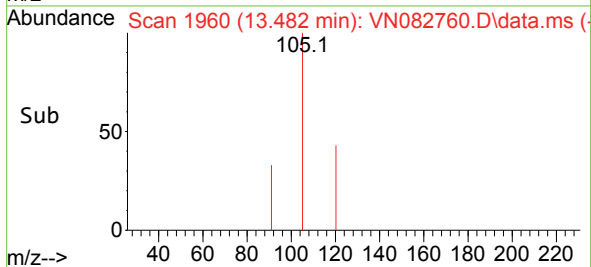
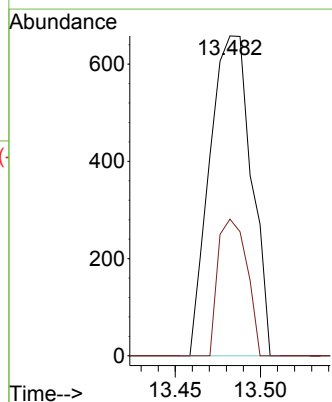
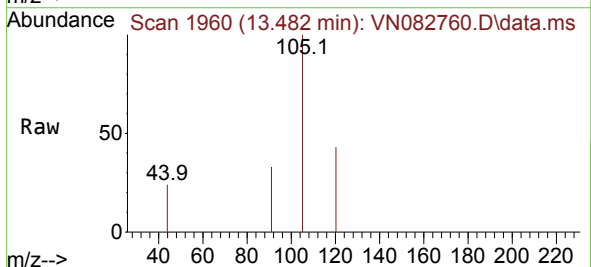


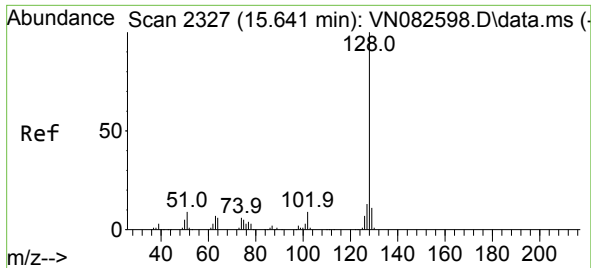
Tgt Ion: 75 Resp: 38881
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.275 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

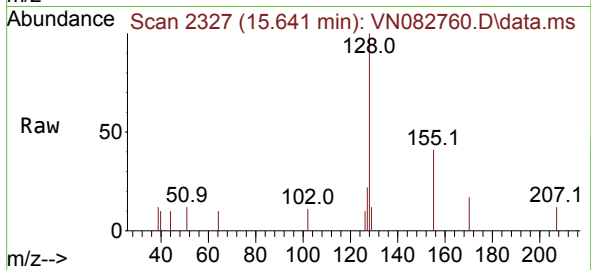
Tgt Ion: 105 Resp: 1120
Ion Ratio Lower Upper
105 100
120 29.6 21.9 65.8





#95
 Naphthalene
 Concen: 1.023 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082760.D
 Acq: 01 Jul 2024 13:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 3767
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.6 16.0
 129 5.8 8.6 12.8#

