

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083951.D
 Acq On : 17 Sep 2024 17:29
 Operator : JC\MD
 Sample : P3957-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

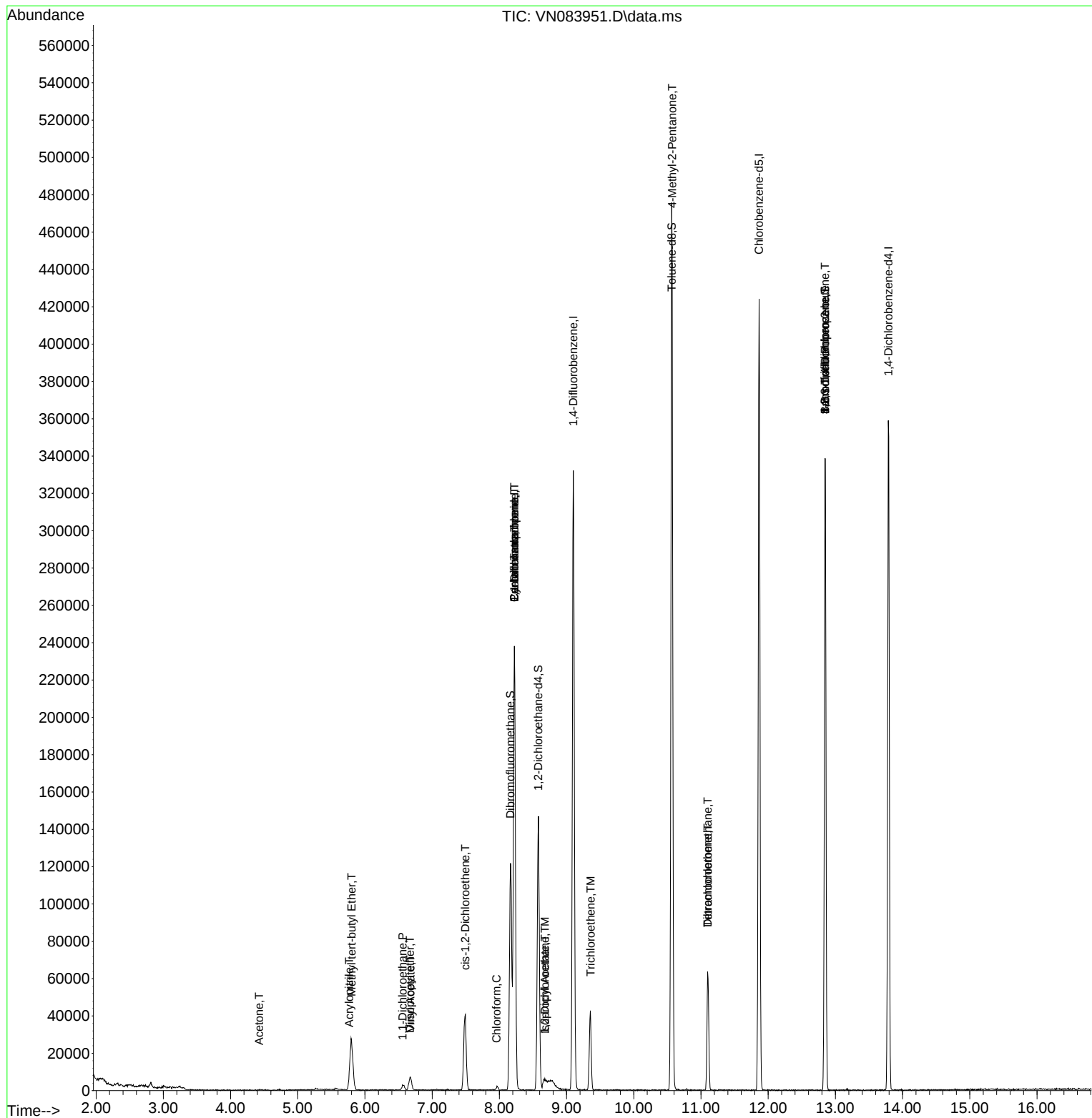
Quant Time: Sep 18 01:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

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MSVOA_N
ClientSampleId :

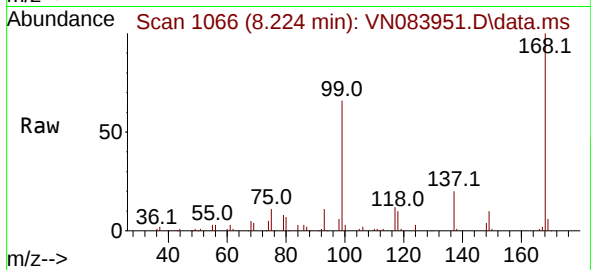
Quant Time: Sep 18 01:52:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



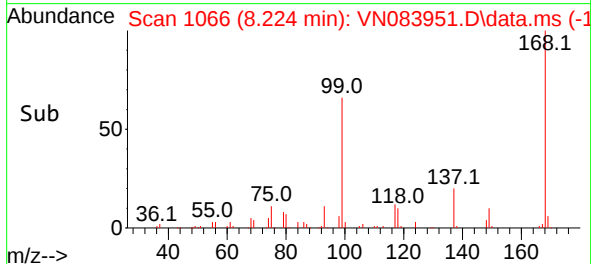
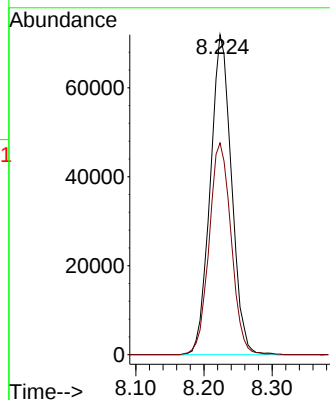


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

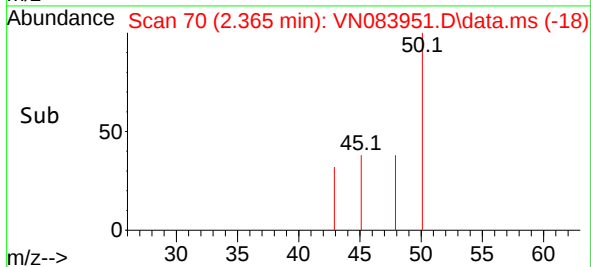
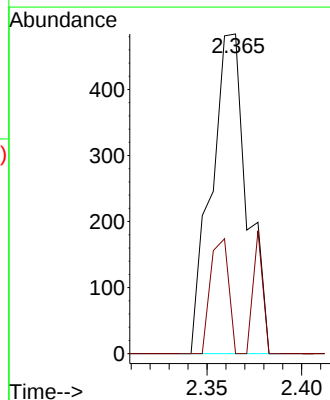
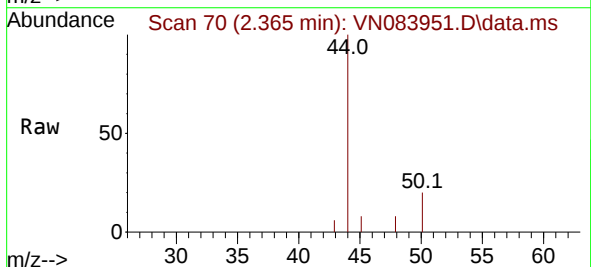


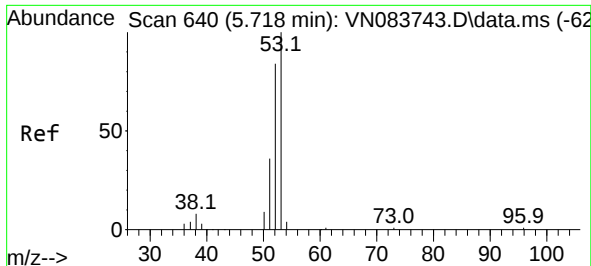
Tgt Ion:168 Resp: 156123
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

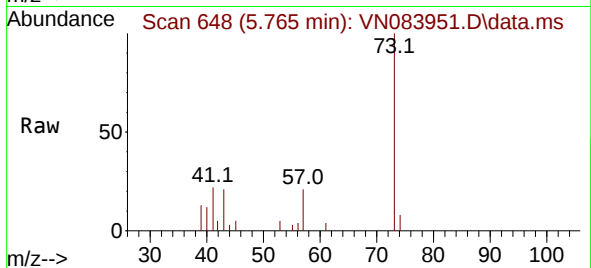
Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



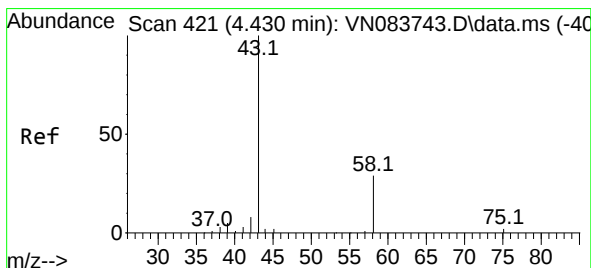
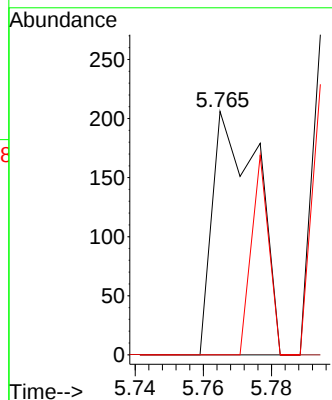
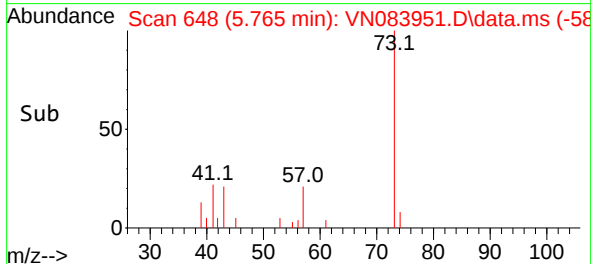


#15
Acrylonitrile
Concen: 0.220 ug/l
RT: 5.765 min Scan# 64
Delta R.T. 0.047 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

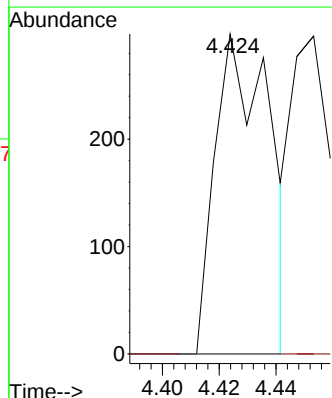
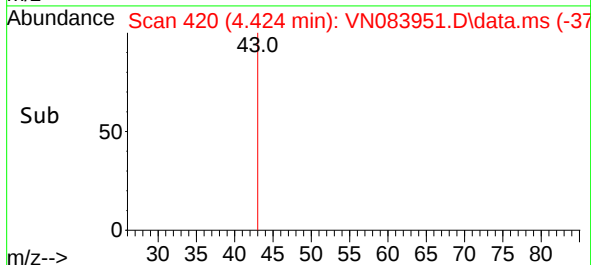
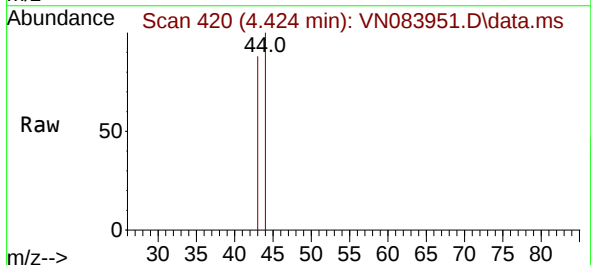


Tgt Ion: 53 Resp: 189
Ion Ratio Lower Upper
53 100
52 0.0 66.1 99.1#
51 31.7 29.6 44.4



#16
Acetone
Concen: 0.421 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.047 min Scan# 51

Delta R.T. 0.023 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

Instrument :

MSVOA_N

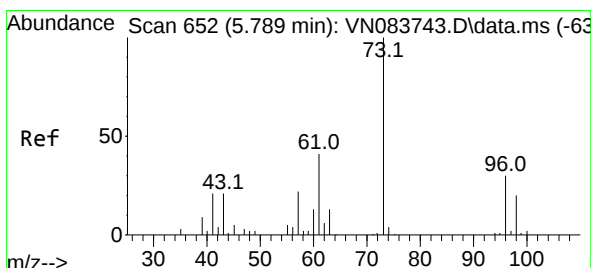
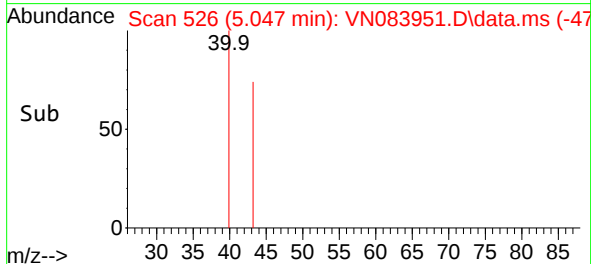
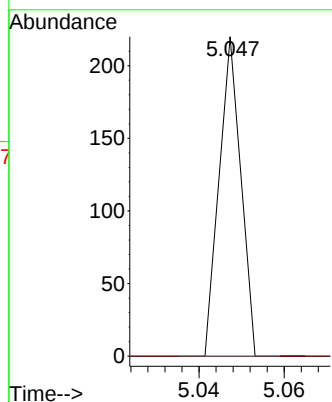
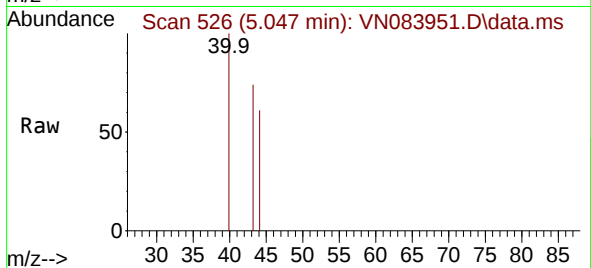
ClientSampleId :

Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#19

Methyl tert-butyl Ether

Concen: 6.657 ug/l

RT: 5.800 min Scan# 654

Delta R.T. 0.012 min

Lab File: VN083951.D

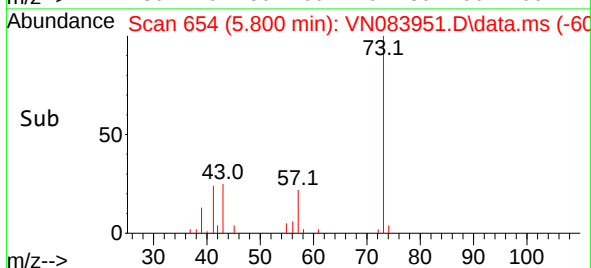
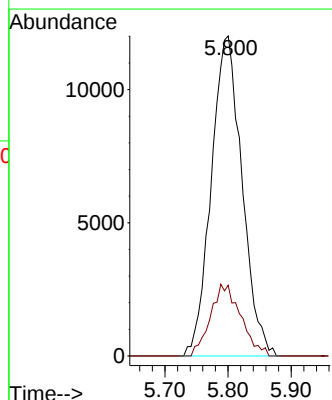
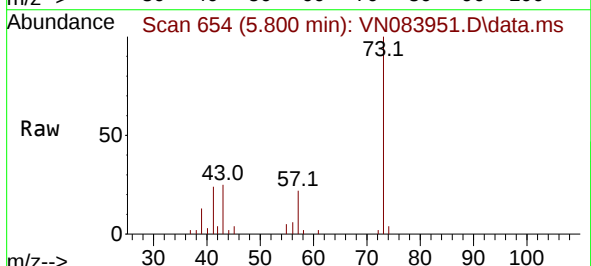
Acq: 17 Sep 2024 17:29

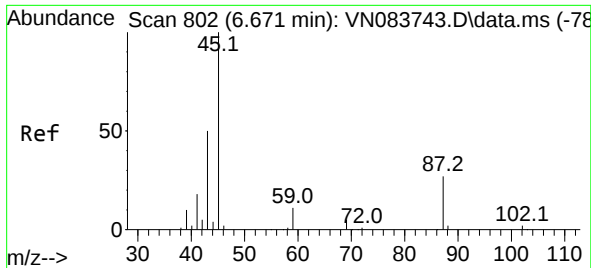
Tgt Ion: 73 Resp: 40681

Ion Ratio Lower Upper

73 100

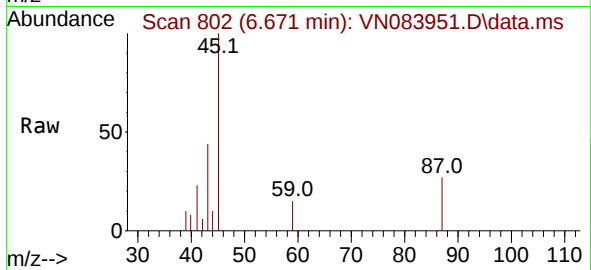
57 22.1 17.0 25.6



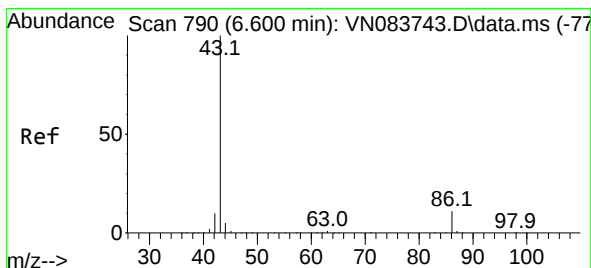
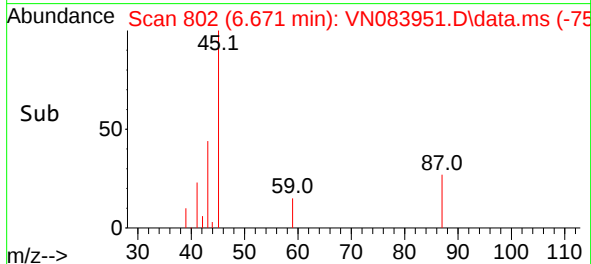
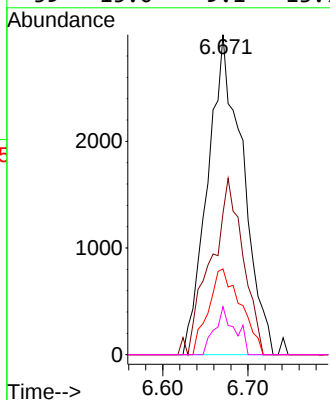


#22
Diisopropyl ether
Concen: 1.383 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

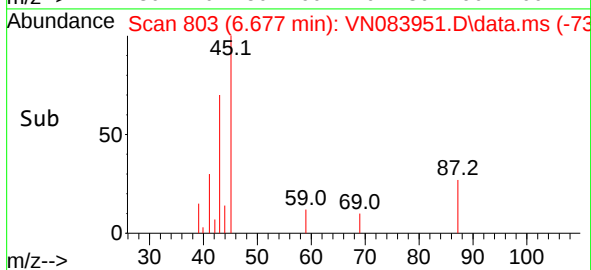
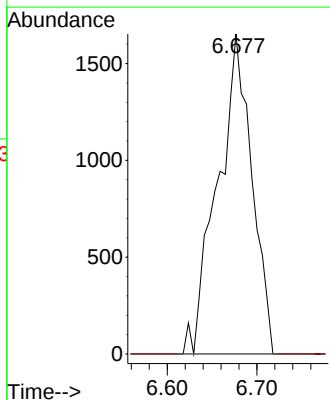
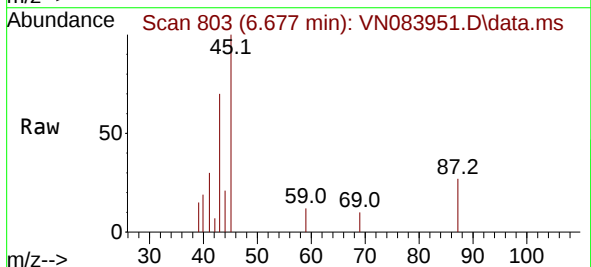


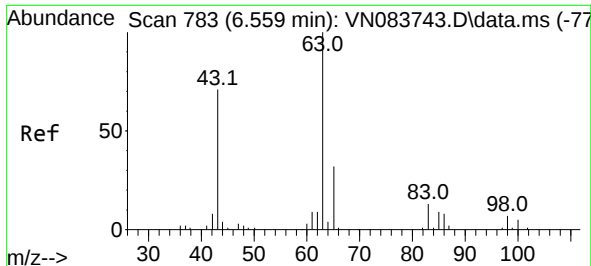
Tgt Ion:	45	Resp:	8568
Ion	Ratio	Lower	Upper
45	100		
43	44.2	43.4	65.0
87	26.8	22.6	33.8
59	15.0	9.1	13.7



#23
Vinyl Acetate
Concen: 0.965 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.076 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

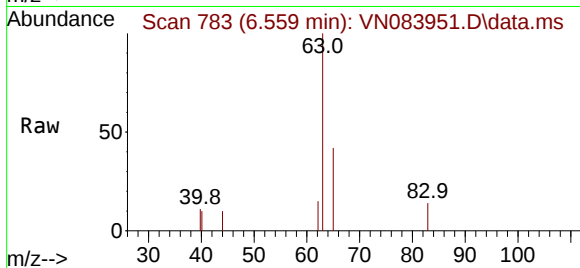
Tgt Ion:	43	Resp:	4375
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1



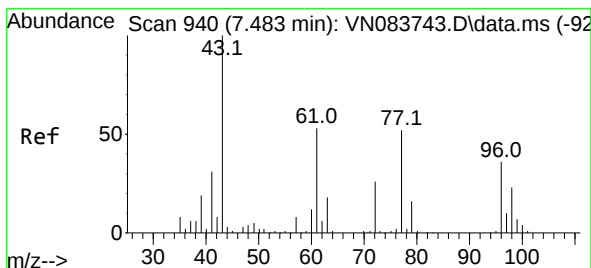
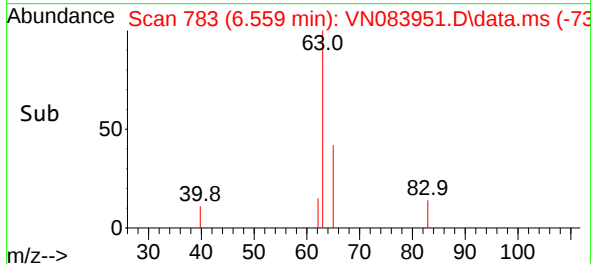
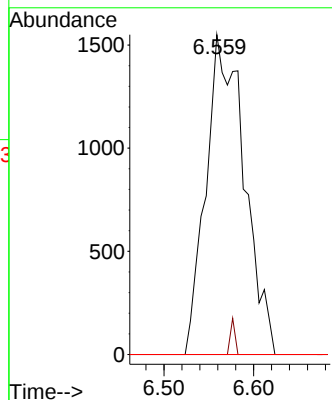


#24
1,1-Dichloroethane
Concen: 1.287 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

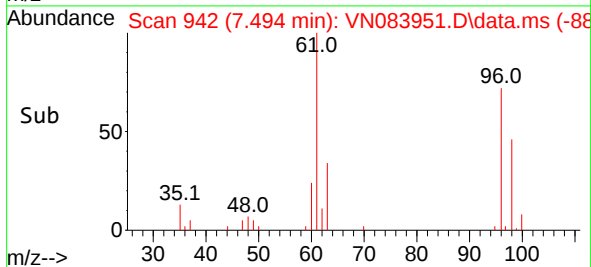
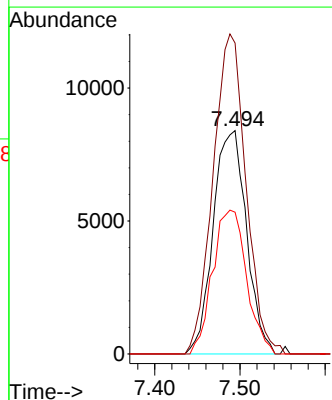
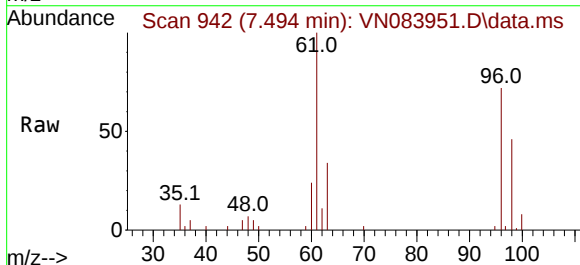


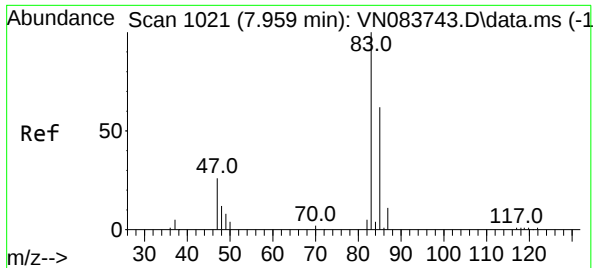
Tgt Ion: 63 Resp: 4591
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 10.622 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion: 96 Resp: 22818
Ion Ratio Lower Upper
96 100
61 141.8 0.0 306.2
98 65.7 0.0 128.6

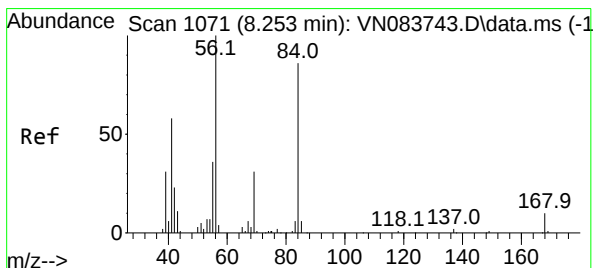
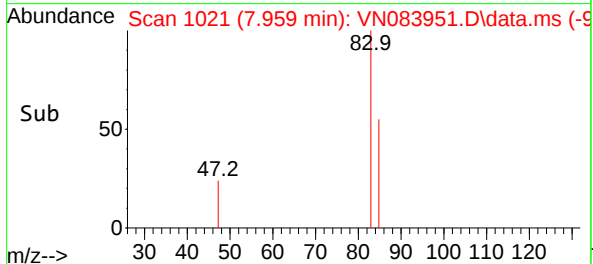
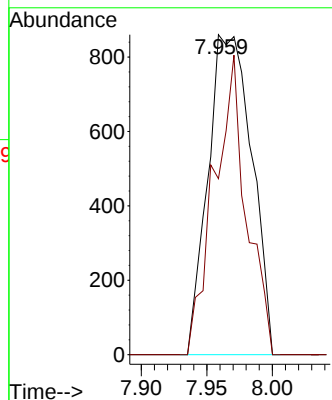
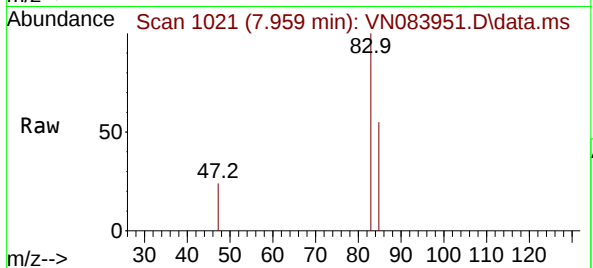




#30
Chloroform
Concen: 0.528 ug/l
RT: 7.959 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

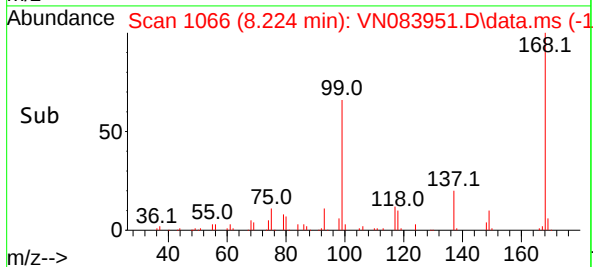
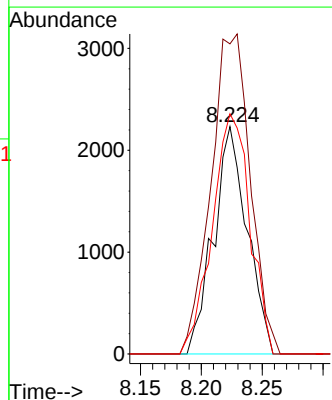
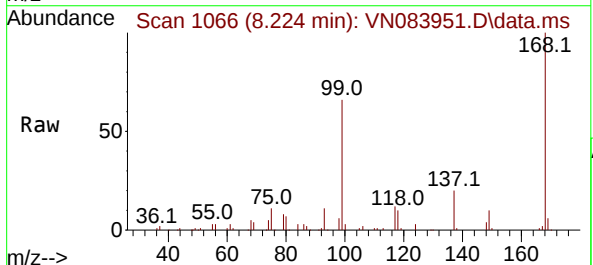
Instrument :
MSVOA_N
ClientSampleId :

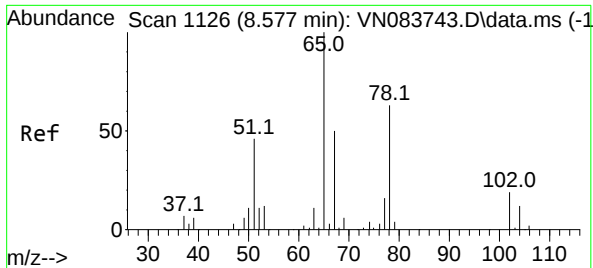
Tgt Ion: 83 Resp: 1999
Ion Ratio Lower Upper
83 100
85 55.0 52.8 79.2



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion: 56 Resp: 4306
Ion Ratio Lower Upper
56 100
69 136.3 26.9 40.3#
84 105.6 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.818 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

Instrument :

MSVOA_N

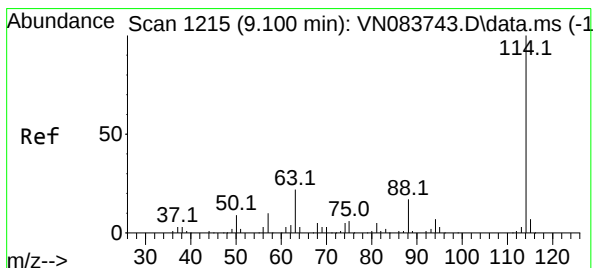
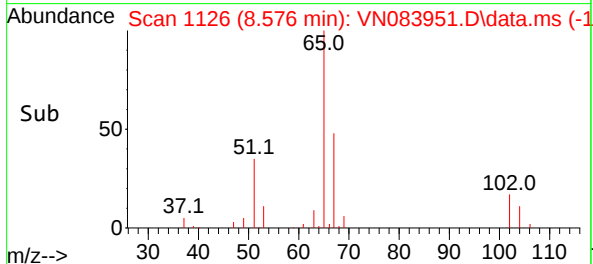
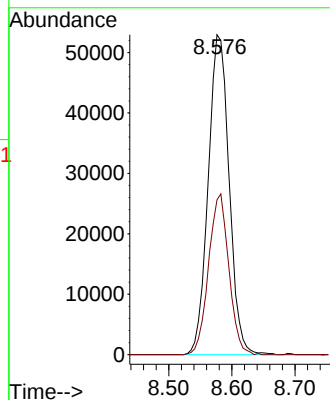
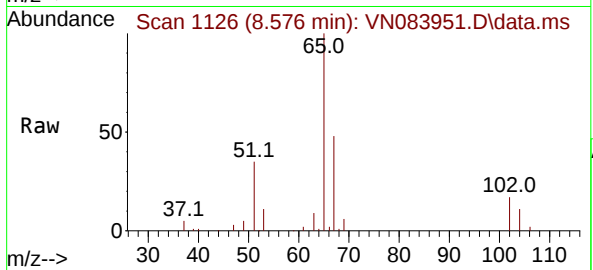
ClientSampleId :

Tgt Ion: 65 Resp: 121985

Ion Ratio Lower Upper

65 100

67 48.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

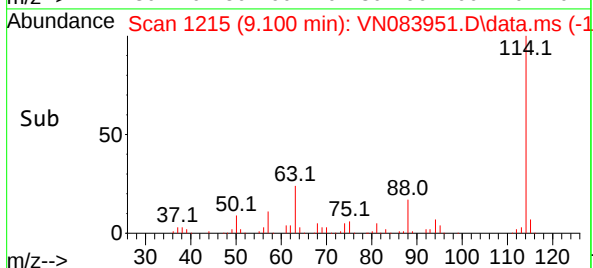
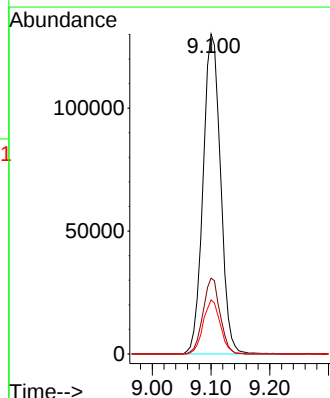
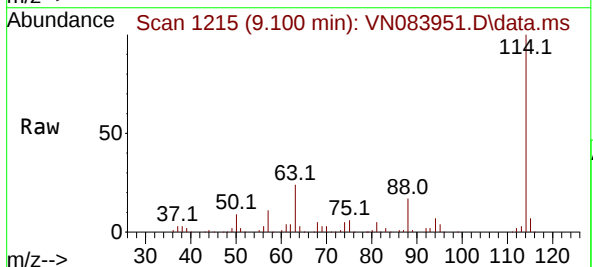
Tgt Ion: 114 Resp: 268548

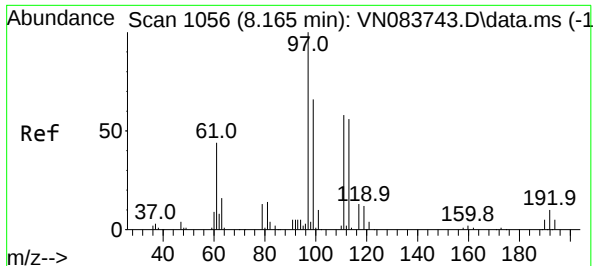
Ion Ratio Lower Upper

114 100

63 23.7 0.0 43.4

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.660 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

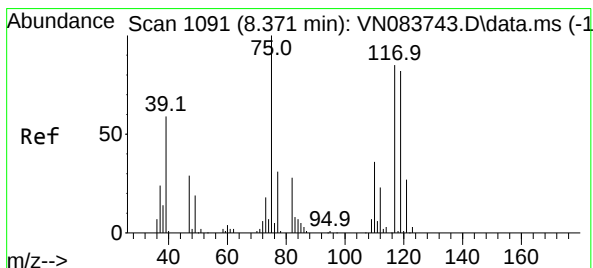
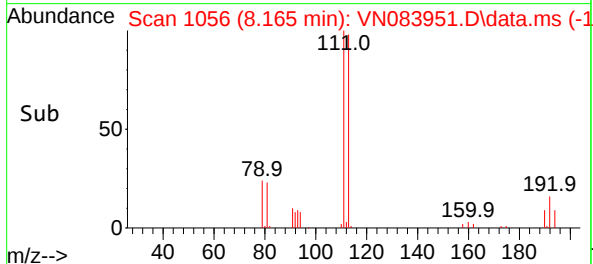
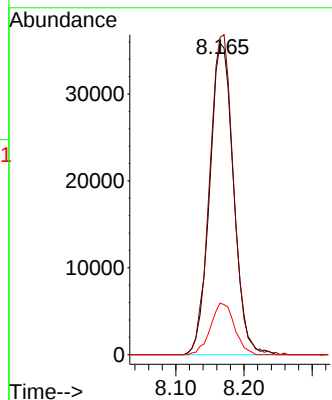
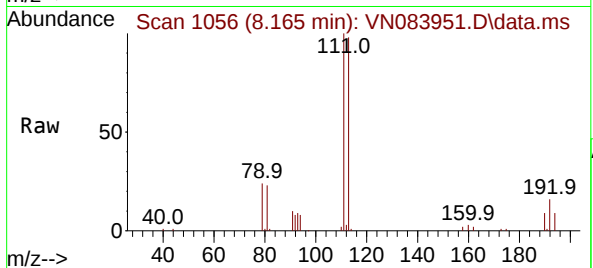
Tgt Ion:113 Resp: 87096

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 16.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.794 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

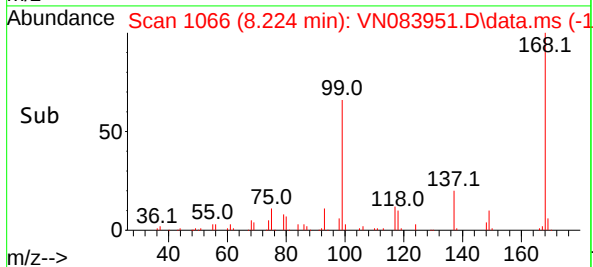
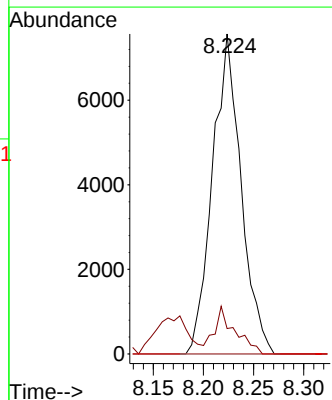
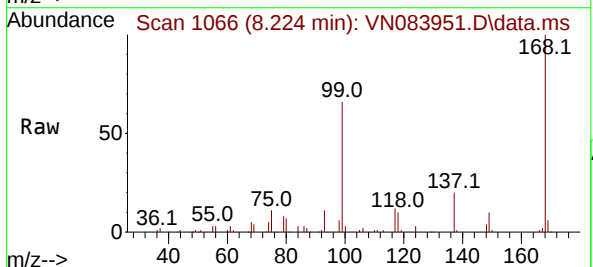
Tgt Ion: 75 Resp: 14992

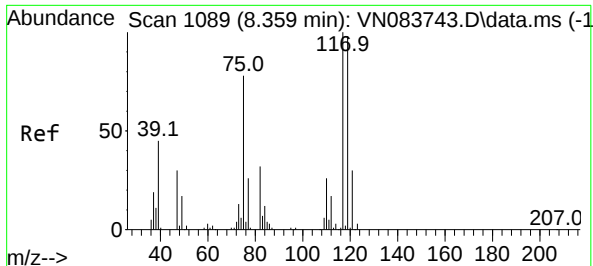
Ion Ratio Lower Upper

75 100

110 10.6 16.7 50.1#

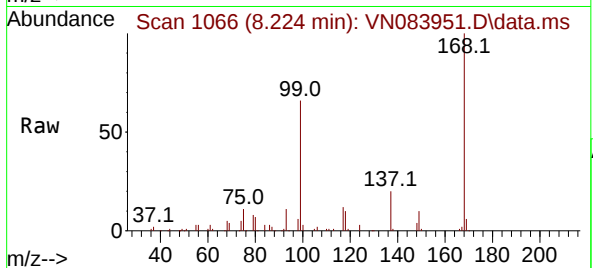
77 0.0 25.2 37.8#



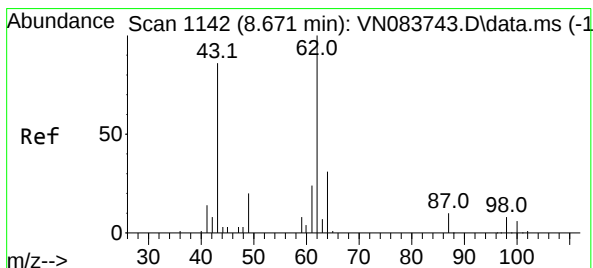
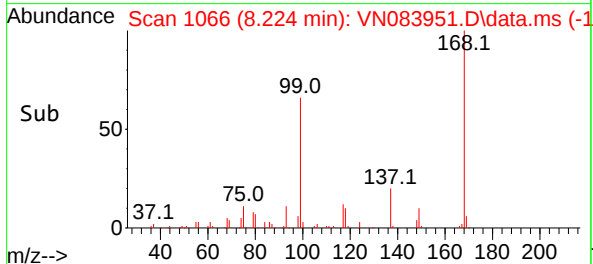
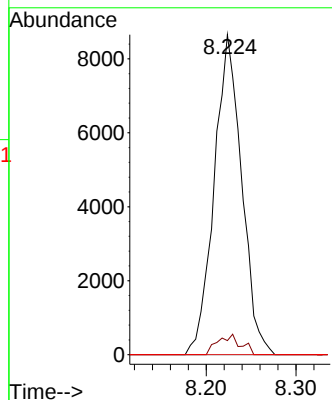


#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 8.224 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :

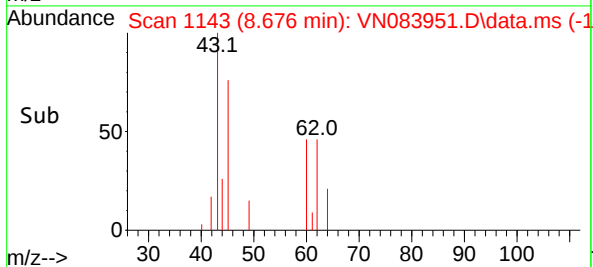
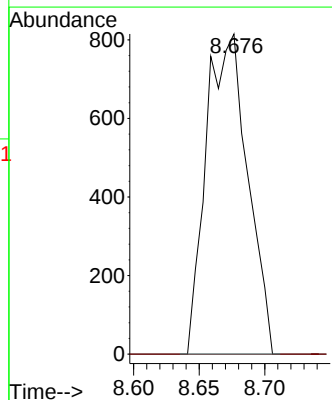
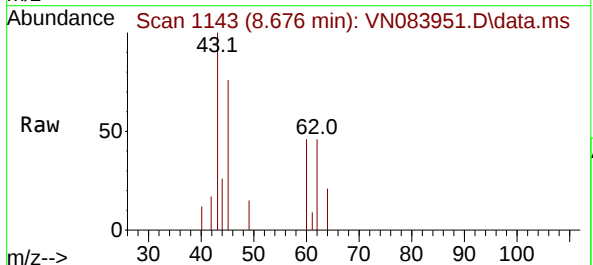


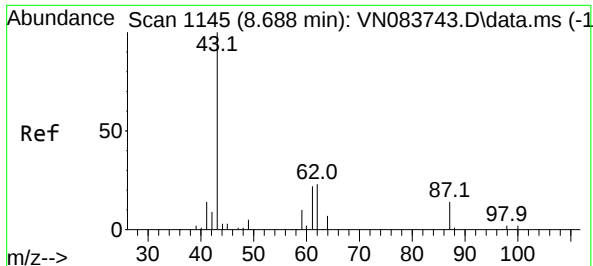
Tgt Ion: 117 Resp: 18407
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.1 36.1#



#42
1,2-Dichloroethane
Concen: 0.616 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion: 62 Resp: 1794
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.6

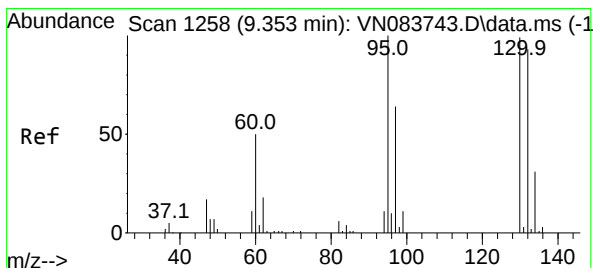
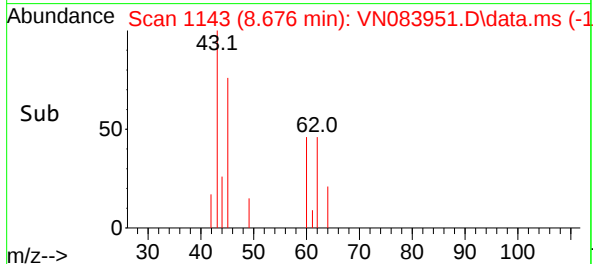
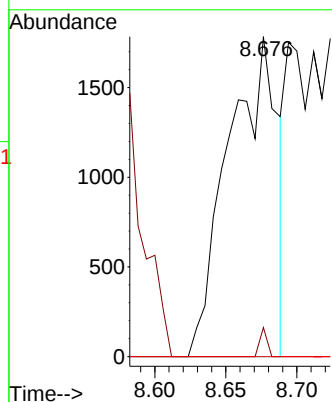
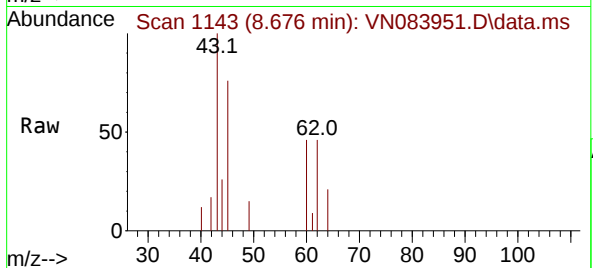




#43
Isopropyl Acetate
Concen: 1.003 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

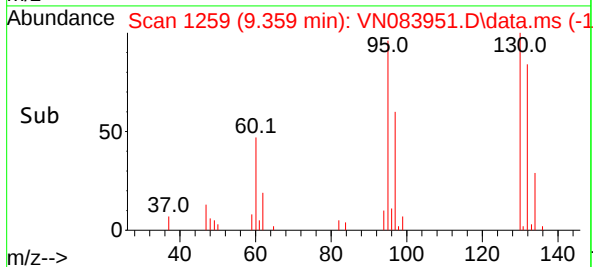
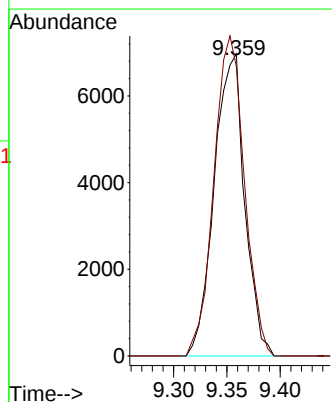
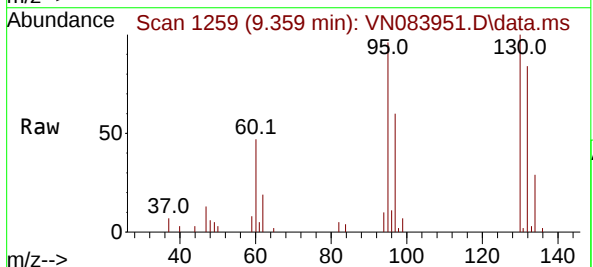
Instrument :
MSVOA_N
ClientSampleId :

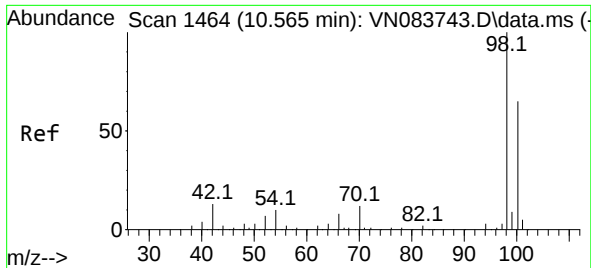
Tgt Ion: 43 Resp: 4269
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 7.660 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion:130 Resp: 13815
Ion Ratio Lower Upper
130 100
95 95.8 0.0 200.4

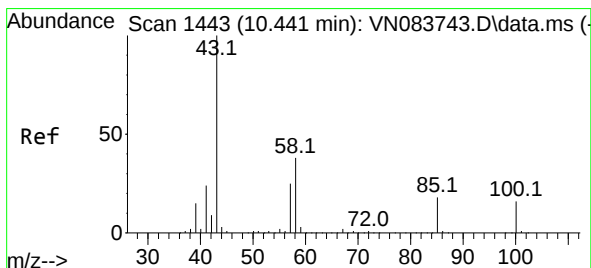
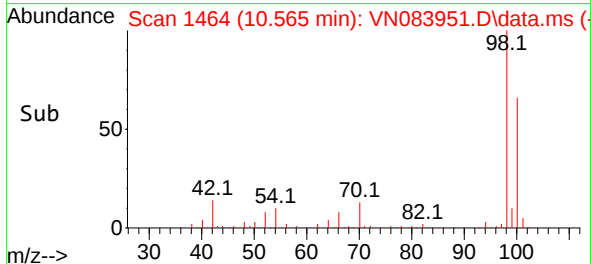
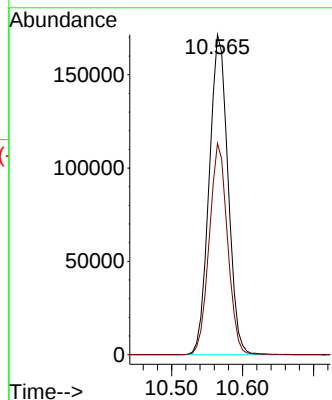
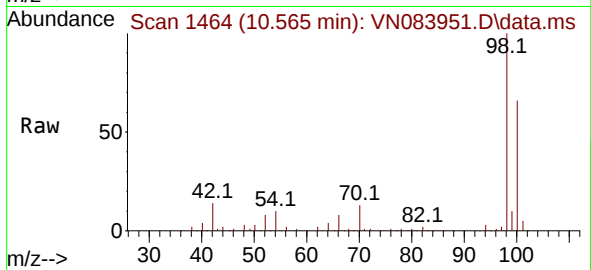




#50
Toluene-d8
Concen: 53.028 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

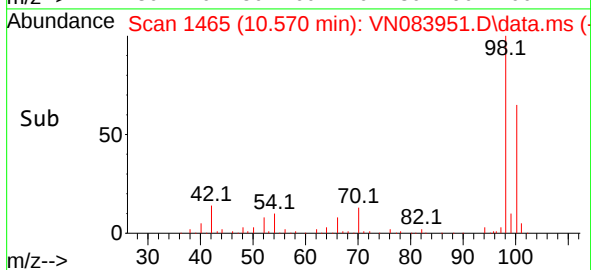
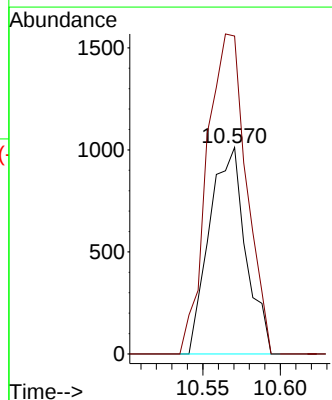
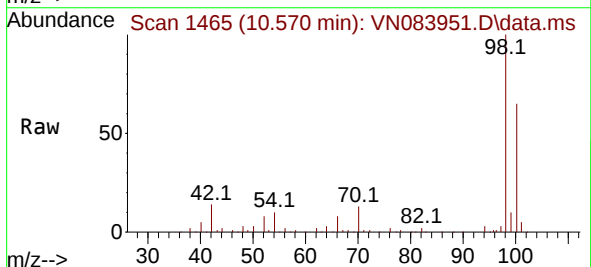
Instrument :
MSVOA_N
ClientSampleId :

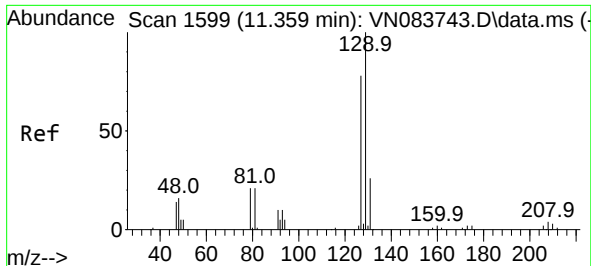
Tgt Ion: 98 Resp: 315169
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.712 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 168.1 31.6 47.4#

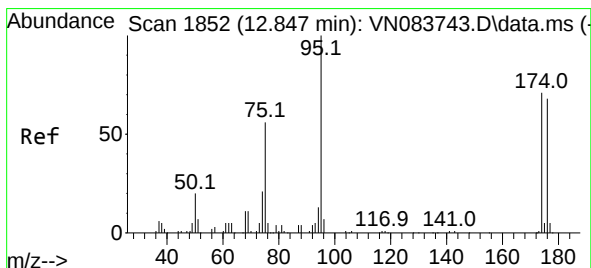
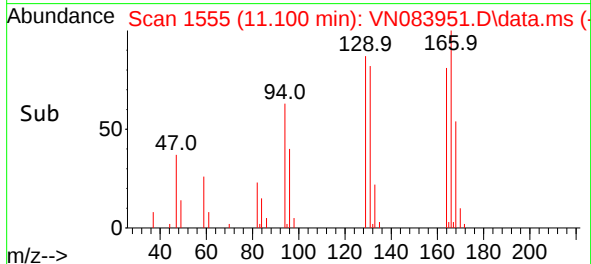
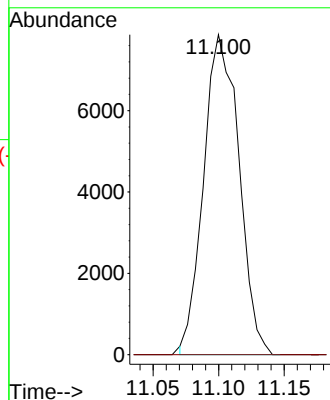
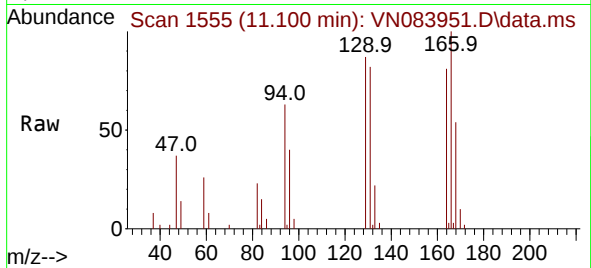




#60
Dibromochloromethane
Concen: 7.404 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

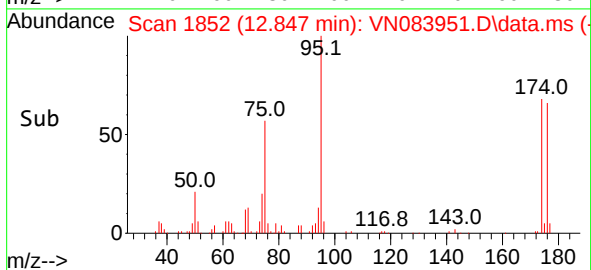
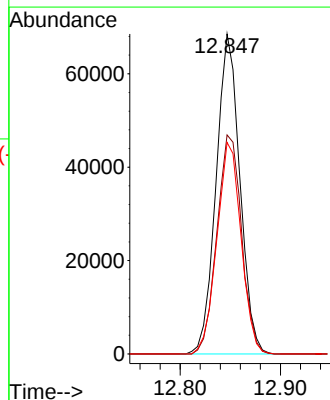
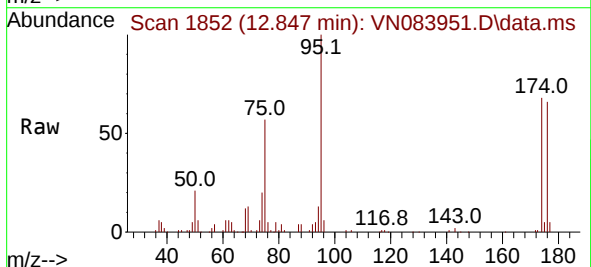
Instrument :
MSVOA_N
ClientSampleId :

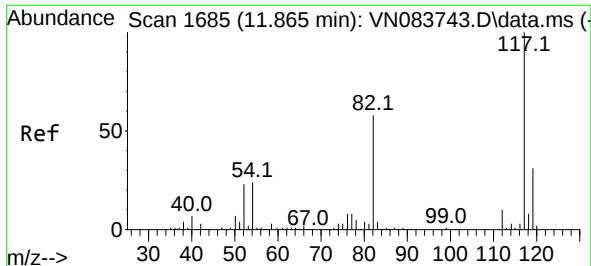
Tgt Ion:129 Resp: 14737
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 45.855 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion: 95 Resp: 112441
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 67.3 0.0 131.4

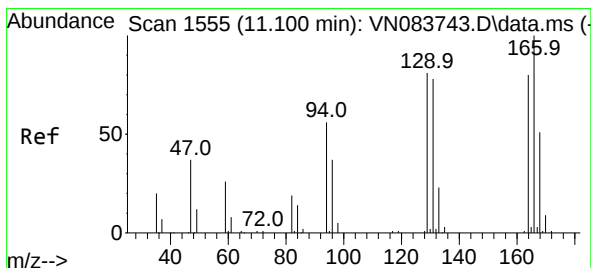
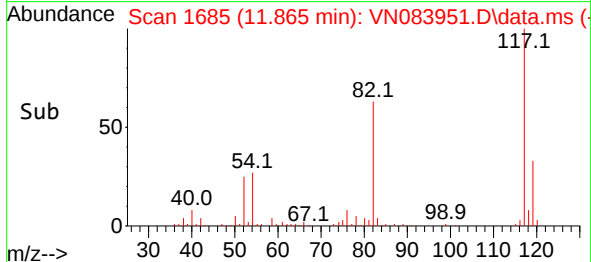
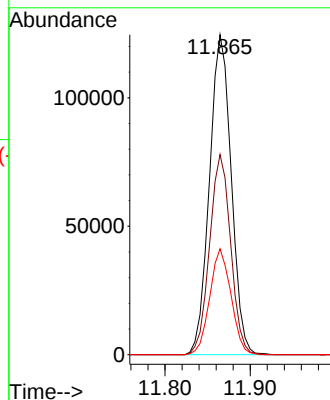
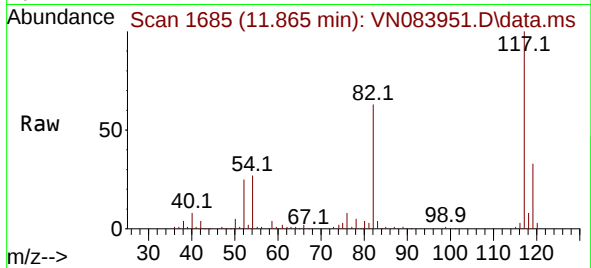




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

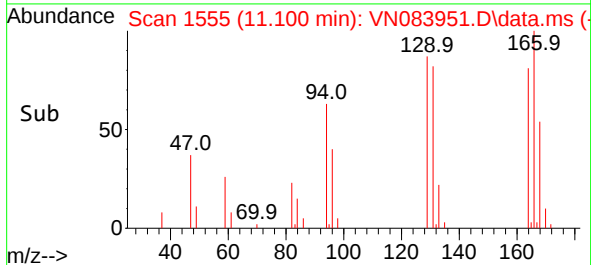
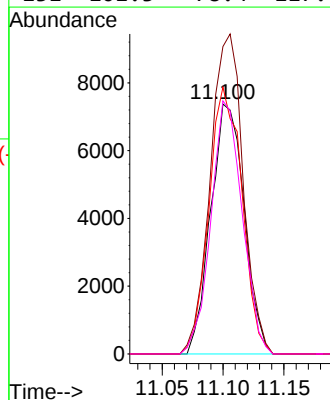
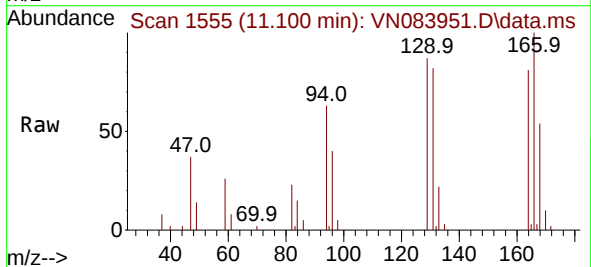
Instrument :
MSVOA_N
ClientSampleId :

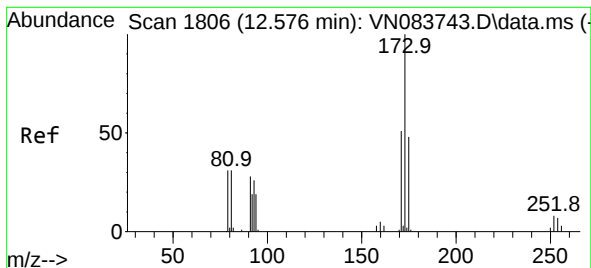
Tgt Ion:117 Resp: 221733
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.0
119 33.1 26.3 39.5



#64
Tetrachloroethene
Concen: 9.517 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083951.D
Acq: 17 Sep 2024 17:29

Tgt Ion:164 Resp: 14034
Ion Ratio Lower Upper
164 100
166 123.0 103.7 155.5
129 106.7 79.9 119.9
131 101.3 78.4 117.6





#71

Bromoform

Concen: 0.505 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN083951.D

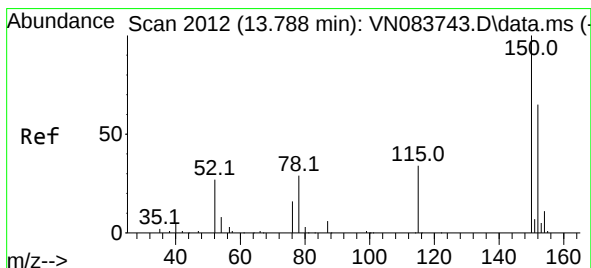
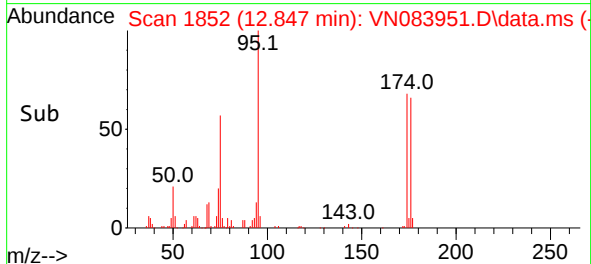
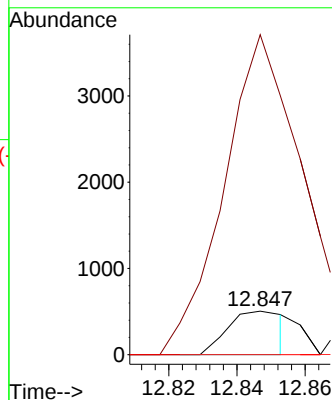
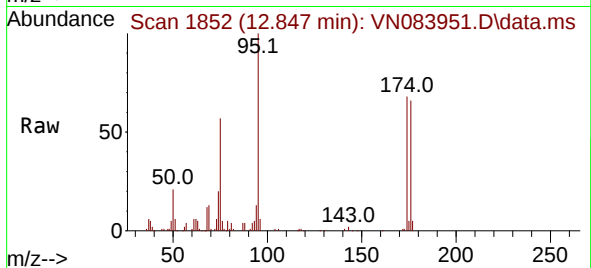
Acq: 17 Sep 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	581
Ion Ratio	Lower	Upper	
173	100		
175	763.2	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

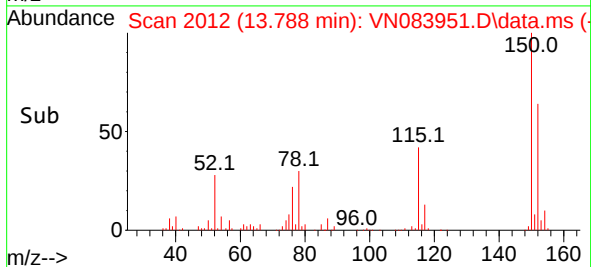
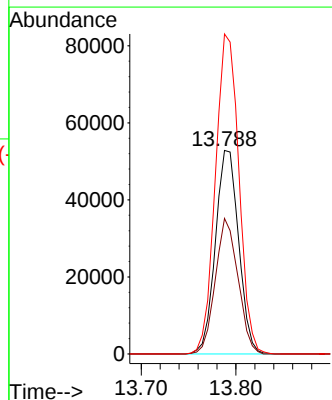
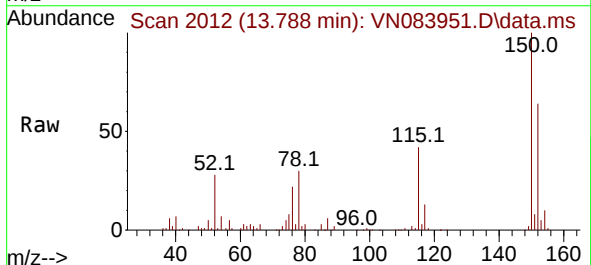
RT: 13.788 min Scan# 1212

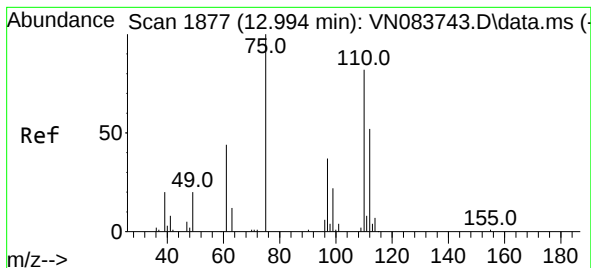
Delta R.T. -0.000 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

Tgt Ion:	152	Resp:	90144
Ion Ratio	Lower	Upper	
152	100		
115	64.9	32.2	96.6
150	158.9	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 36.246 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

Instrument :

MSVOA_N

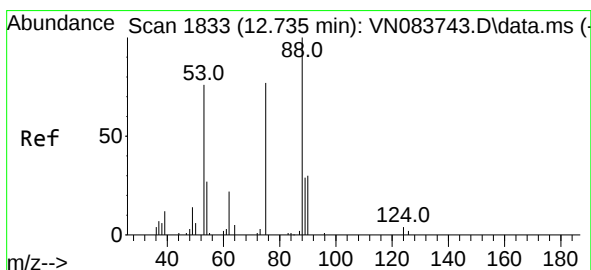
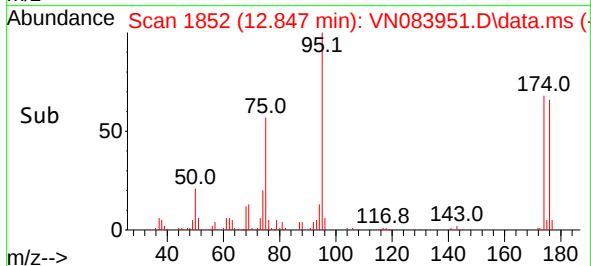
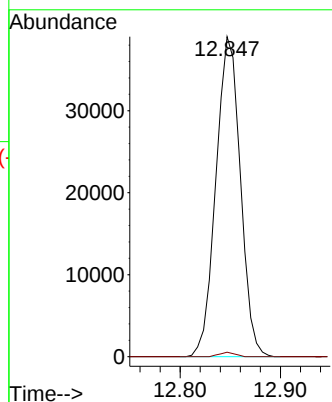
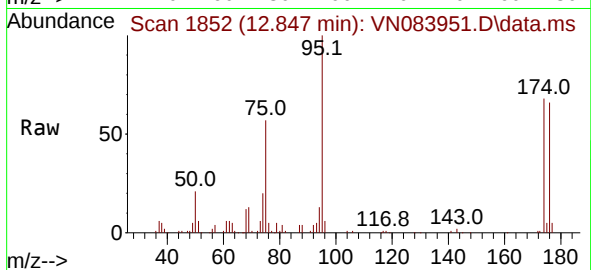
ClientSampleId :

Tgt Ion: 75 Resp: 65929

Ion Ratio Lower Upper

75 100

77 0.9 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.931 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083951.D

Acq: 17 Sep 2024 17:29

Tgt Ion: 75 Resp: 65929

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

