

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081467.D
 Acq On : 19 Mar 2024 13:46
 Operator : JC\MD
 Sample : P1772-07 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1376

Quant Time: Mar 20 01:17:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	500832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	844349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	723871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	296020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	311230	48.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.460%
35) Dibromofluoromethane	8.165	113	266044	49.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	10.565	98	984469	51.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.847	95	309480	45.596	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.200%

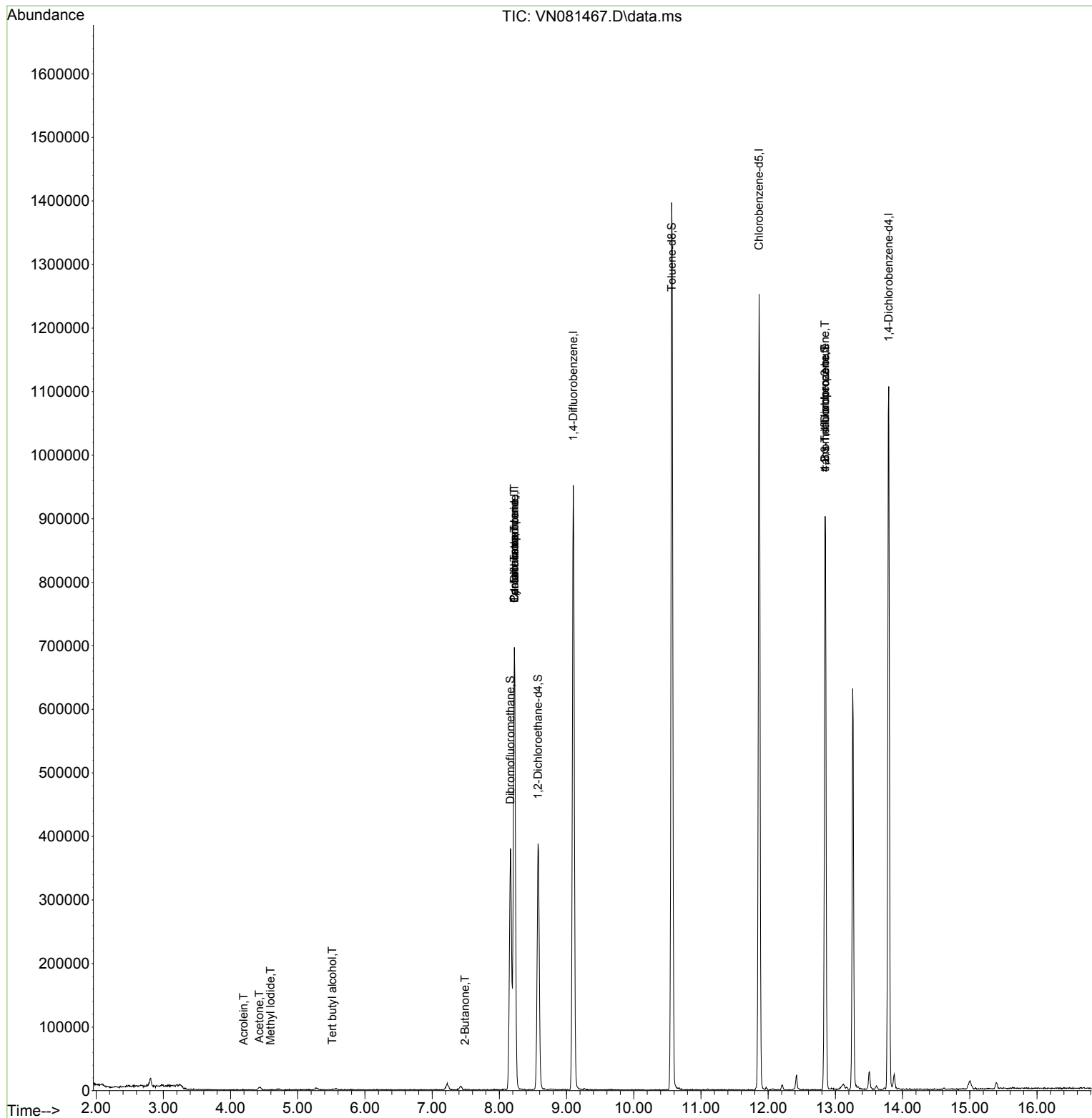
Target Compounds					Qvalue	
10) Methyl Iodide	4.595	142	1281	0.202	ug/l #	39
11) Tert butyl alcohol	5.512	59	753	0.677	ug/l #	72
13) Acrolein	4.195	56	369	0.369	ug/l	95
16) Acetone	4.430	43	8501	4.118	ug/l #	83
25) 2-Butanone	7.488	43	963	0.272	ug/l #	51
31) Cyclohexane	8.224	56	10863	1.045	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	41107	4.584	ug/l #	51
38) Carbon Tetrachloride	8.224	117	53350	5.431	ug/l #	20
76) 1,2,3-Trichloropropane	12.847	75	160536	22.672	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	160536	61.266	ug/l #	14

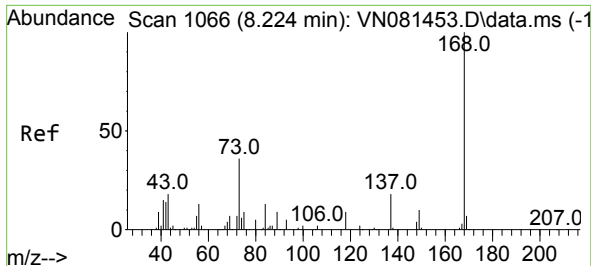
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
Data File : VN081467.D
Acq On : 19 Mar 2024 13:46
Operator : JC\MD
Sample : P1772-07 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1376

Quant Time: Mar 20 01:17:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

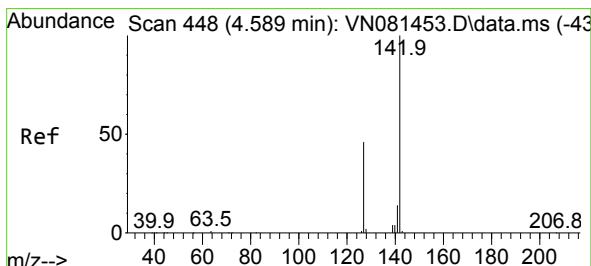
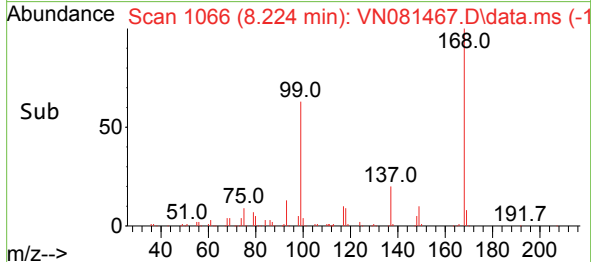
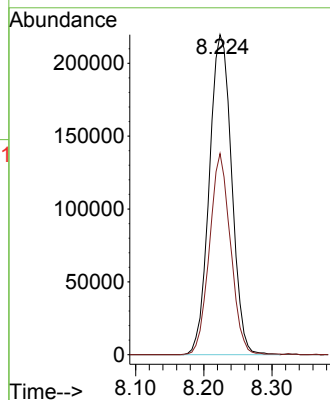
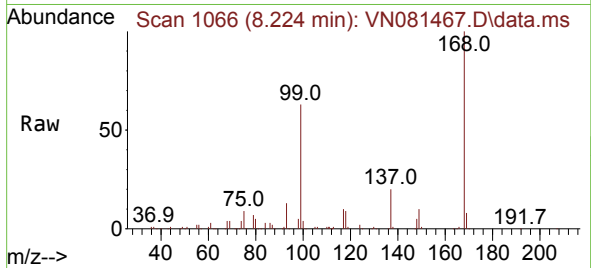




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

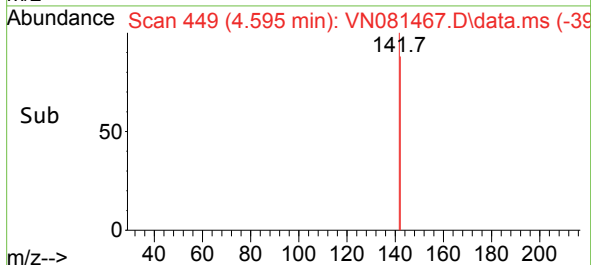
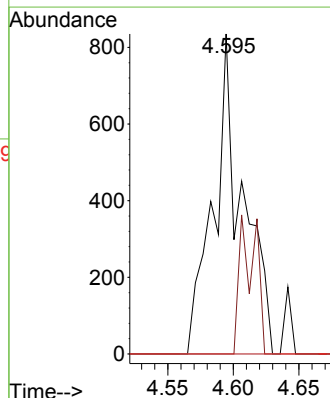
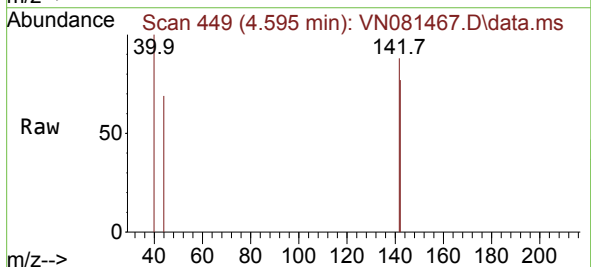
Instrument :
MSVOA_N
ClientSampleId :
1376

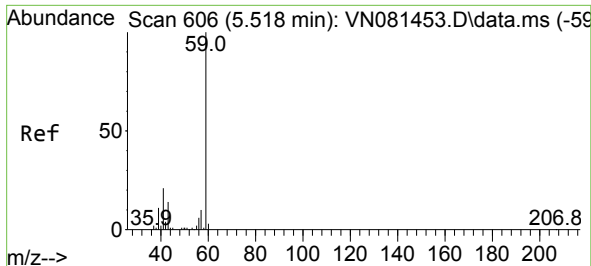
Tgt Ion:168 Resp: 500832
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9



#10
Methyl Iodide
Concen: 0.202 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

Tgt Ion:142 Resp: 1281
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#

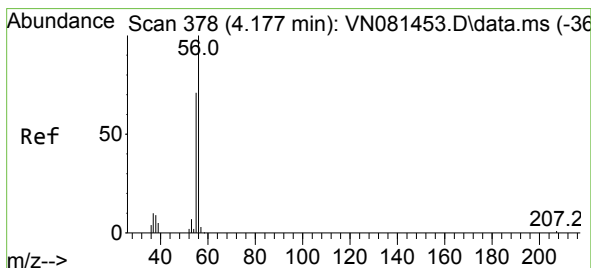
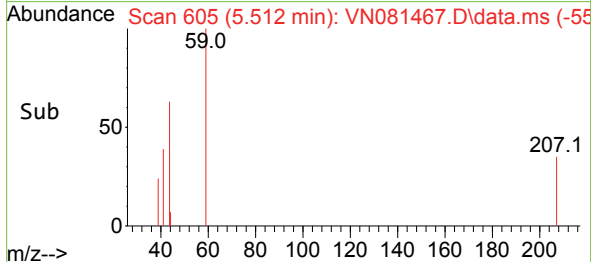
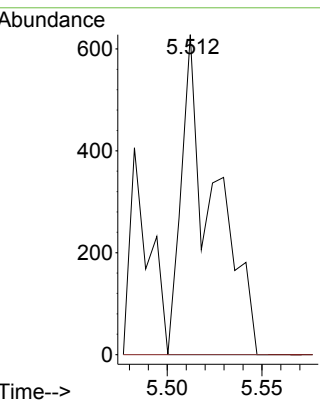
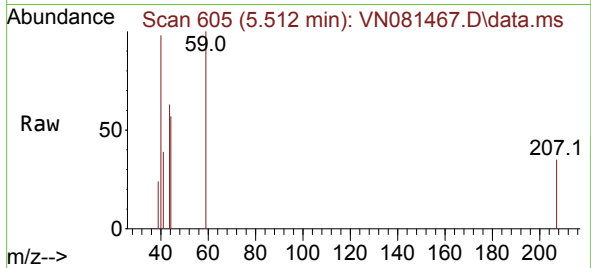




#11
Tert butyl alcohol
Concen: 0.677 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

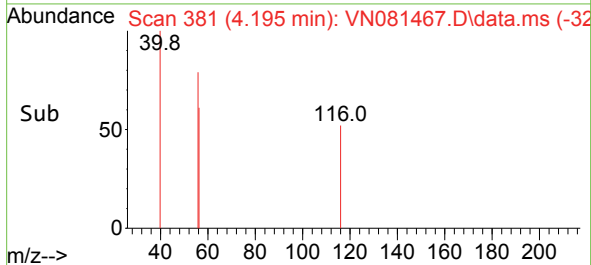
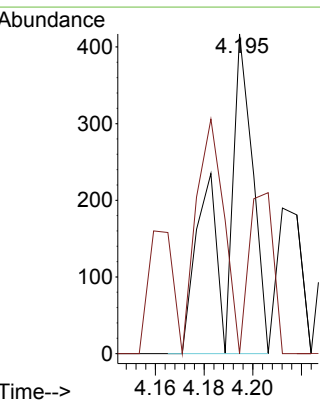
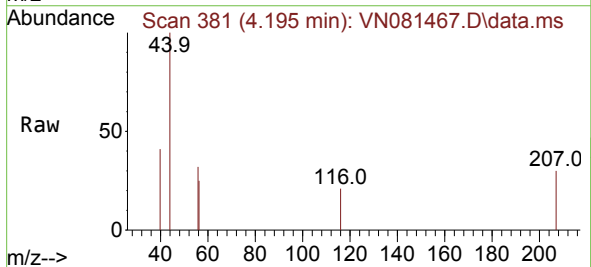
Instrument :
MSVOA_N
ClientSampleId :
1376

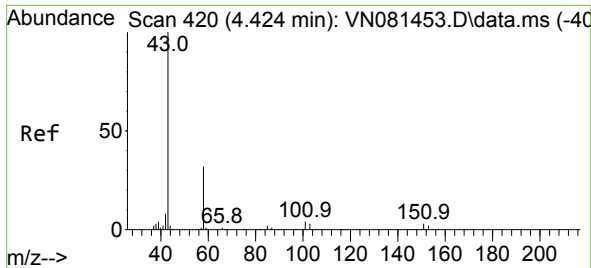
Tgt Ion: 59 Resp: 753
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.369 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

Tgt Ion: 56 Resp: 369
Ion Ratio Lower Upper
56 100
55 65.3 55.3 82.9

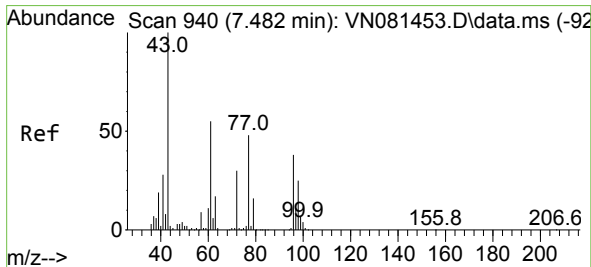
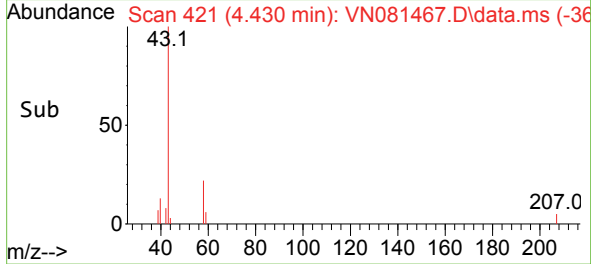
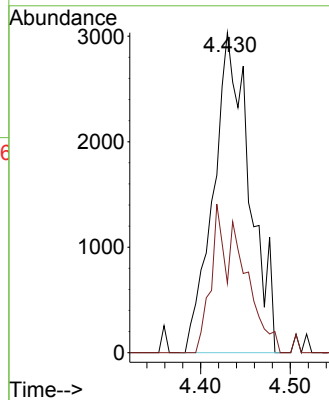
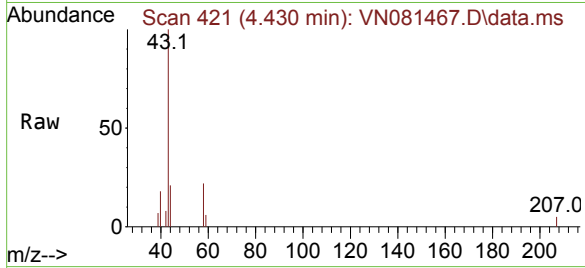




#16
Acetone
Concen: 4.118 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

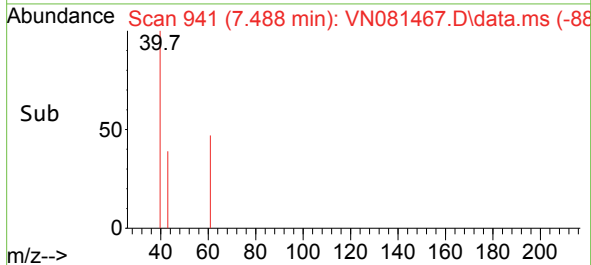
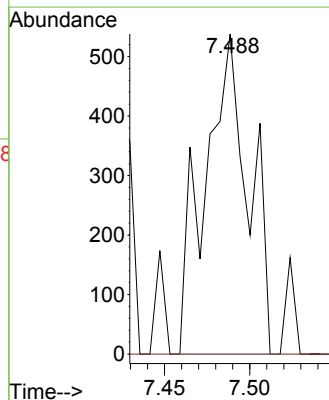
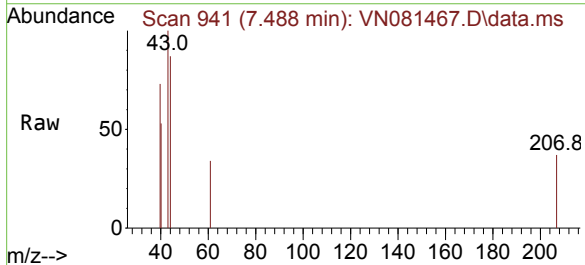
Instrument :
MSVOA_N
ClientSampleId :
1376

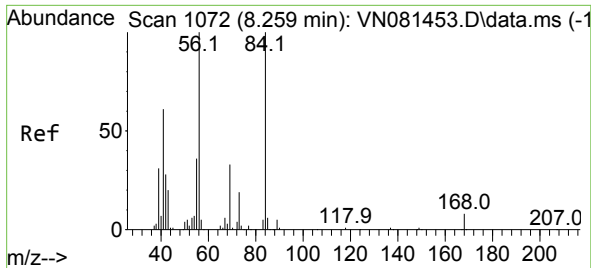
Tgt Ion: 43 Resp: 8501
Ion Ratio Lower Upper
43 100
58 21.7 24.8 37.2#



#25
2-Butanone
Concen: 0.272 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#

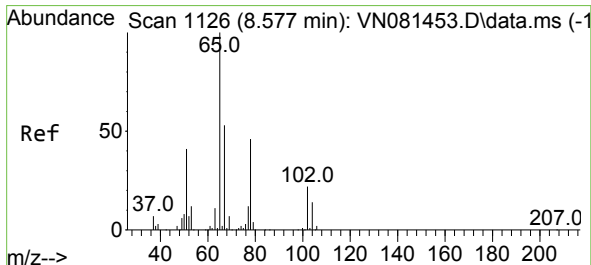
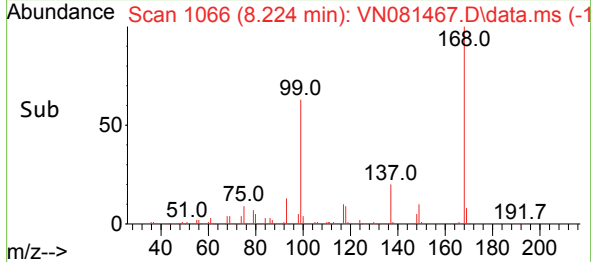
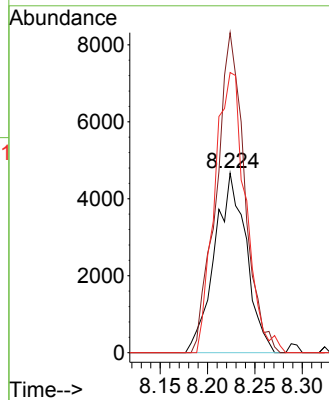
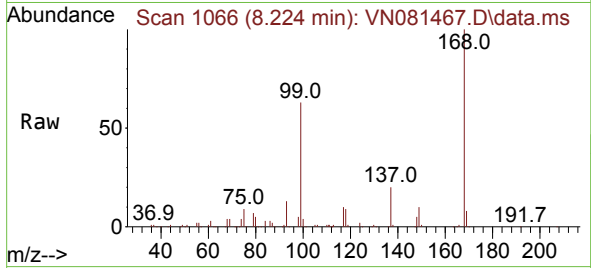




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

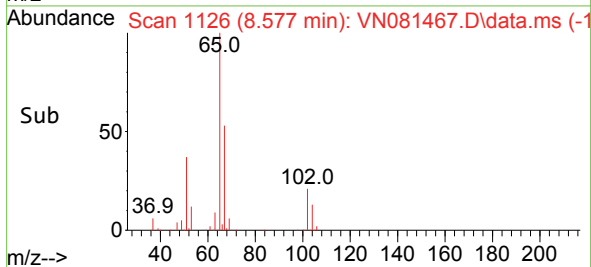
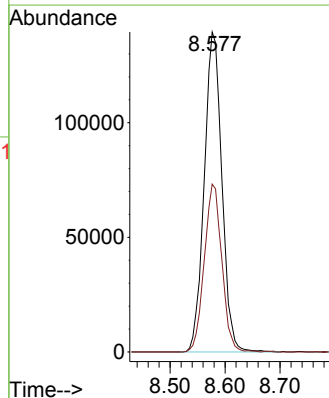
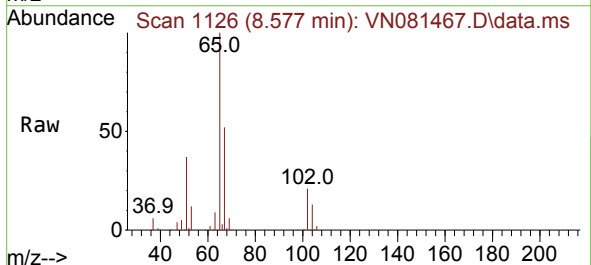
Instrument :
MSVOA_N
ClientSampleId :
1376

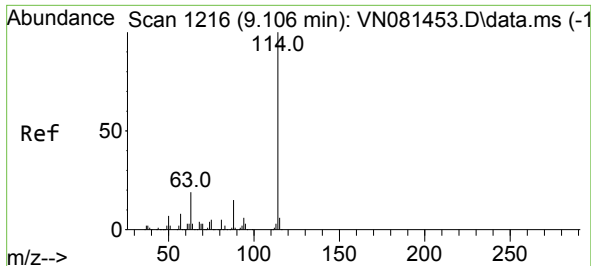
Tgt Ion: 56 Resp: 10863
Ion Ratio Lower Upper
56 100
69 178.2 20.1 30.1#
84 156.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 48.729 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

Tgt Ion: 65 Resp: 311230
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081467.D

Acq: 19 Mar 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

1376

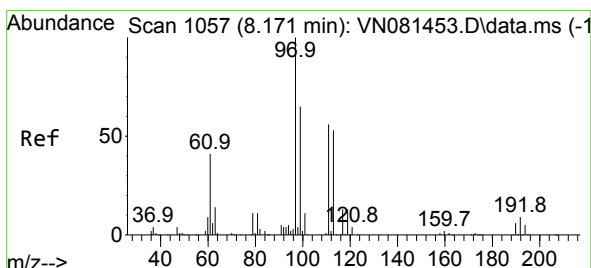
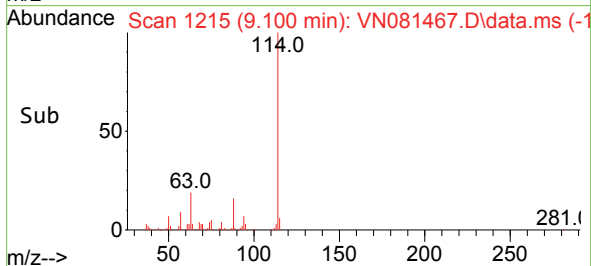
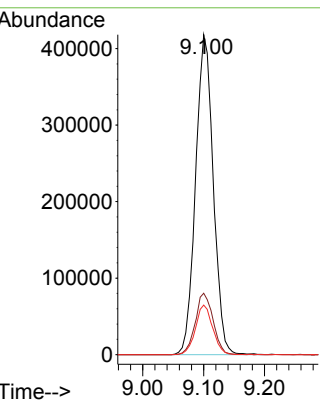
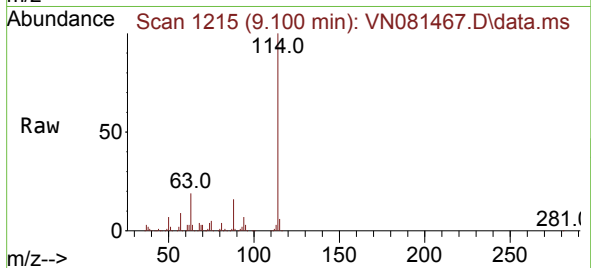
Tgt Ion:114 Resp: 844349

Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 15.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.927 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081467.D

Acq: 19 Mar 2024 13:46

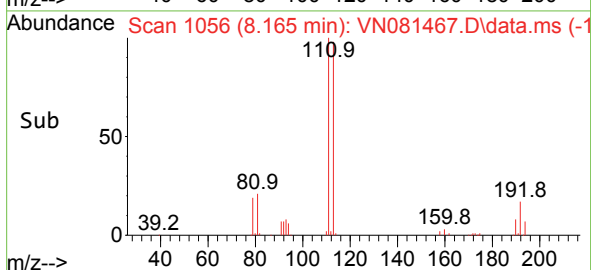
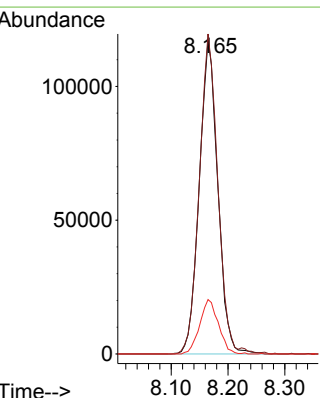
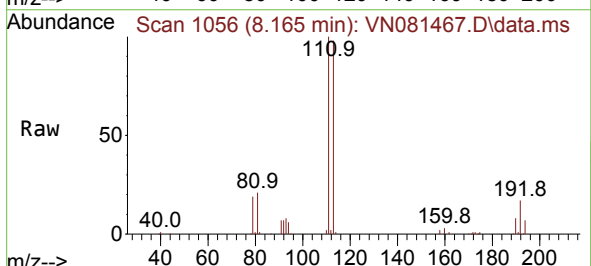
Tgt Ion:113 Resp: 266044

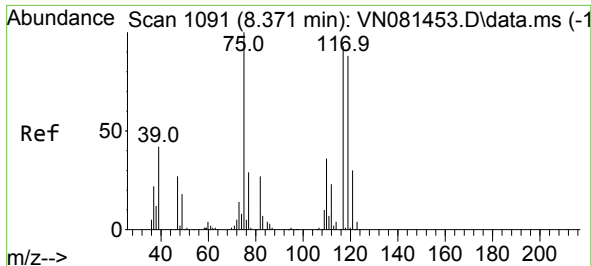
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 17.6 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.584 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081467.D

Acq: 19 Mar 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

1376

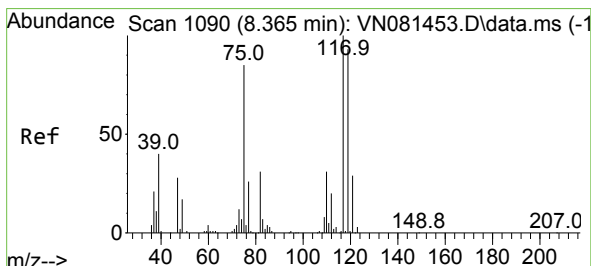
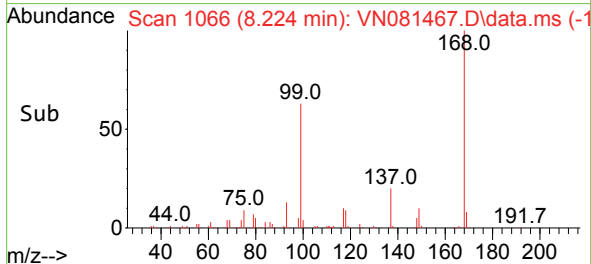
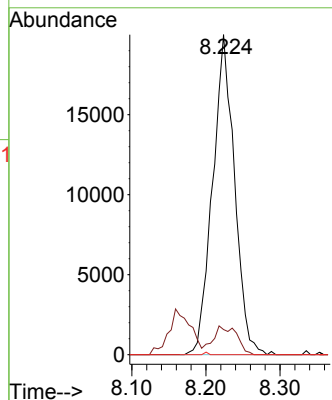
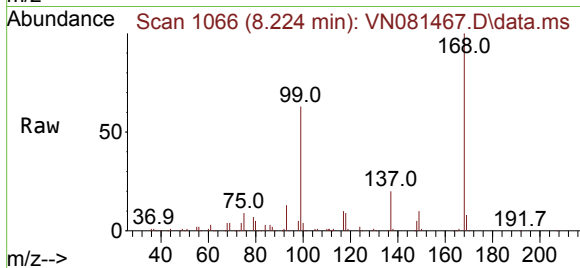
Tgt Ion: 75 Resp: 41107

Ion Ratio Lower Upper

75 100

110 9.8 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.431 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081467.D

Acq: 19 Mar 2024 13:46

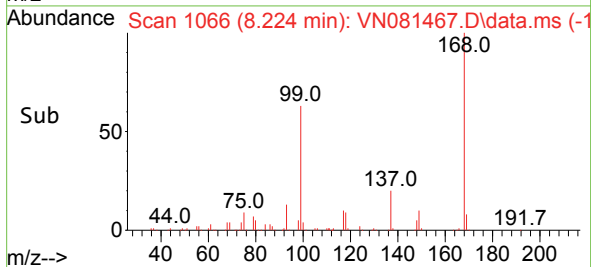
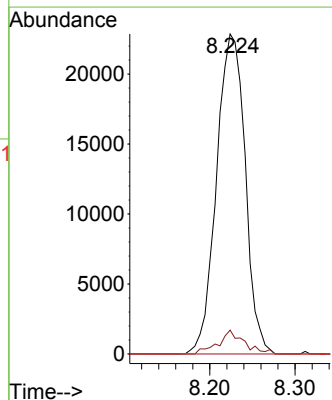
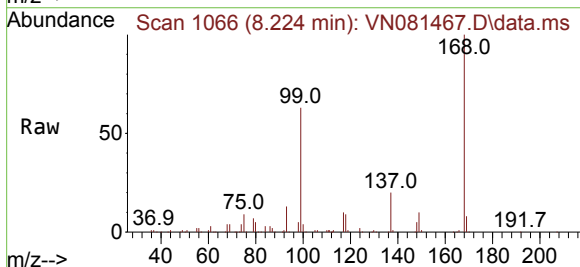
Tgt Ion: 117 Resp: 53350

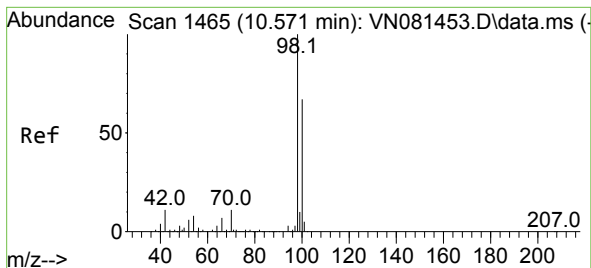
Ion Ratio Lower Upper

117 100

119 7.4 73.4 110.2#

121 0.0 24.4 36.6#

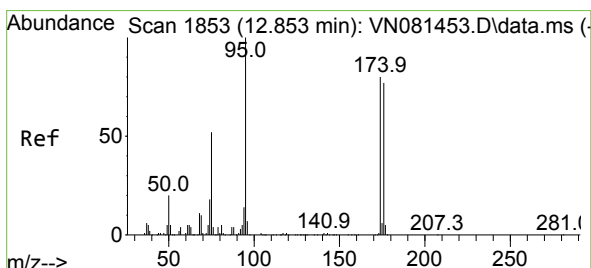
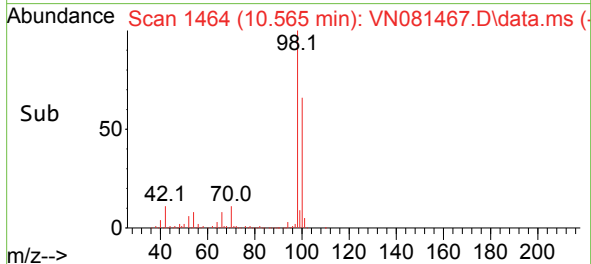
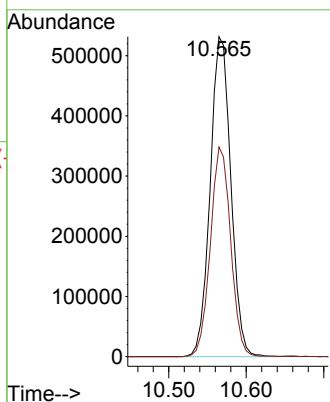
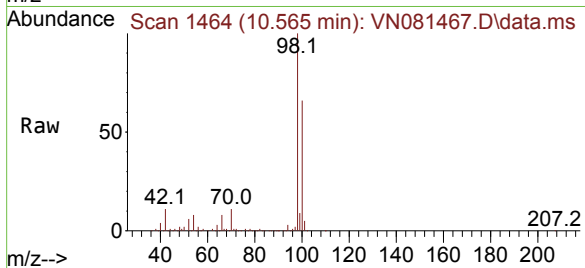




#50
Toluene-d8
Concen: 51.108 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

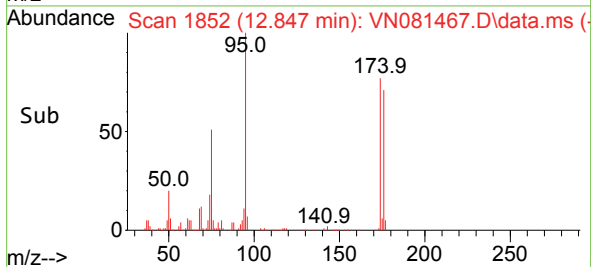
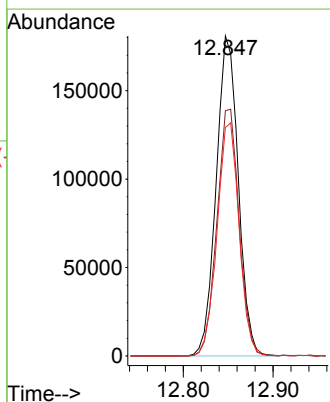
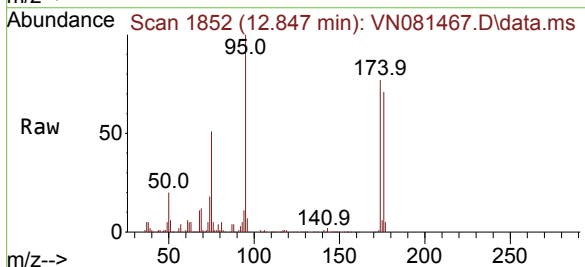
Instrument :
MSVOA_N
ClientSampleId :
1376

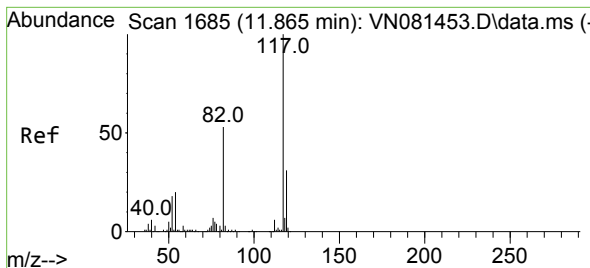
Tgt Ion: 98 Resp: 984469
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.596 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

Tgt Ion: 95 Resp: 309480
Ion Ratio Lower Upper
95 100
174 77.4 0.0 120.4
176 72.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081467.D

Acq: 19 Mar 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

1376

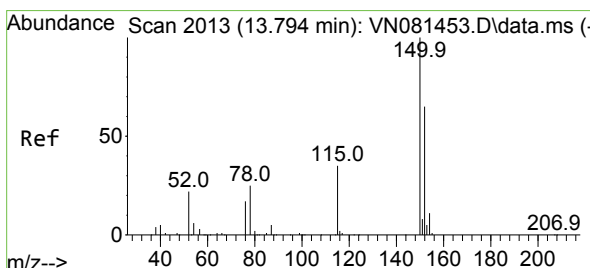
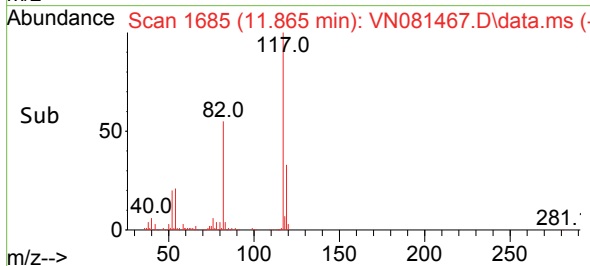
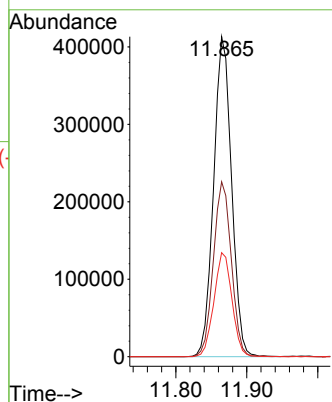
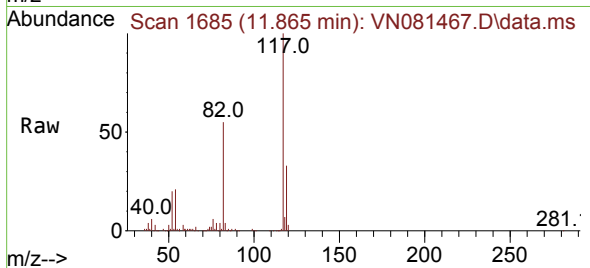
Tgt Ion:117 Resp: 723871

Ion Ratio Lower Upper

117 100

82 54.6 52.7 79.1

119 32.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081467.D

Acq: 19 Mar 2024 13:46

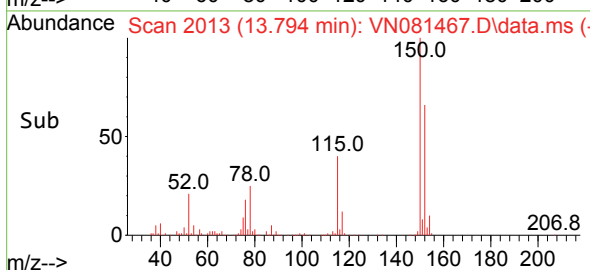
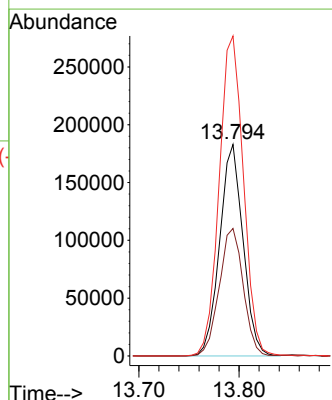
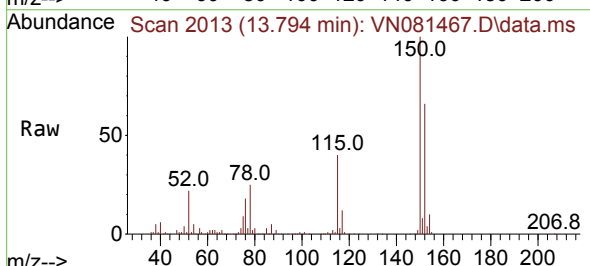
Tgt Ion:152 Resp: 296020

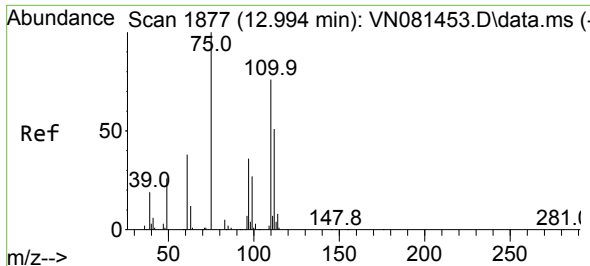
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 157.4 0.0 339.8

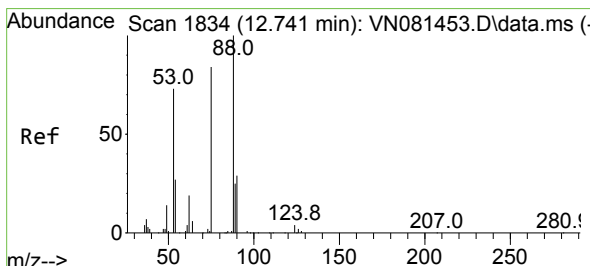
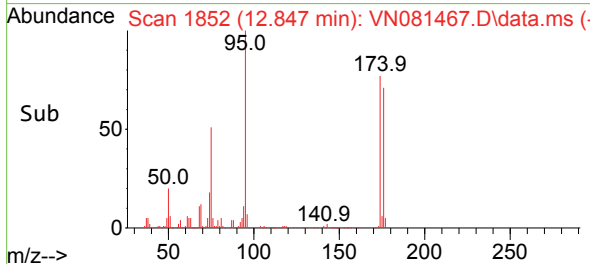
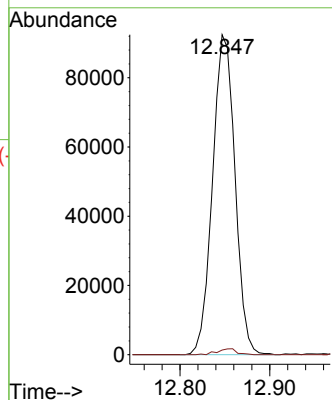
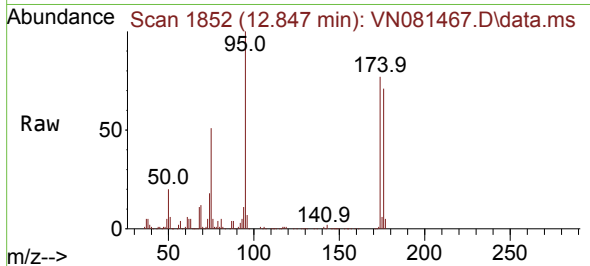




#76
1,2,3-Trichloropropane
Concen: 22.672 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :
1376

Tgt Ion: 75 Resp: 160536
Ion Ratio Lower Upper
75 100
77 1.6 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.266 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081467.D
Acq: 19 Mar 2024 13:46

Tgt Ion: 75 Resp: 160536
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.2#
89 0.1 33.4 50.0#

