

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082331.D
 Acq On : 23 May 2024 19:09
 Operator : JC\MD
 Sample : P2562-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:23:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

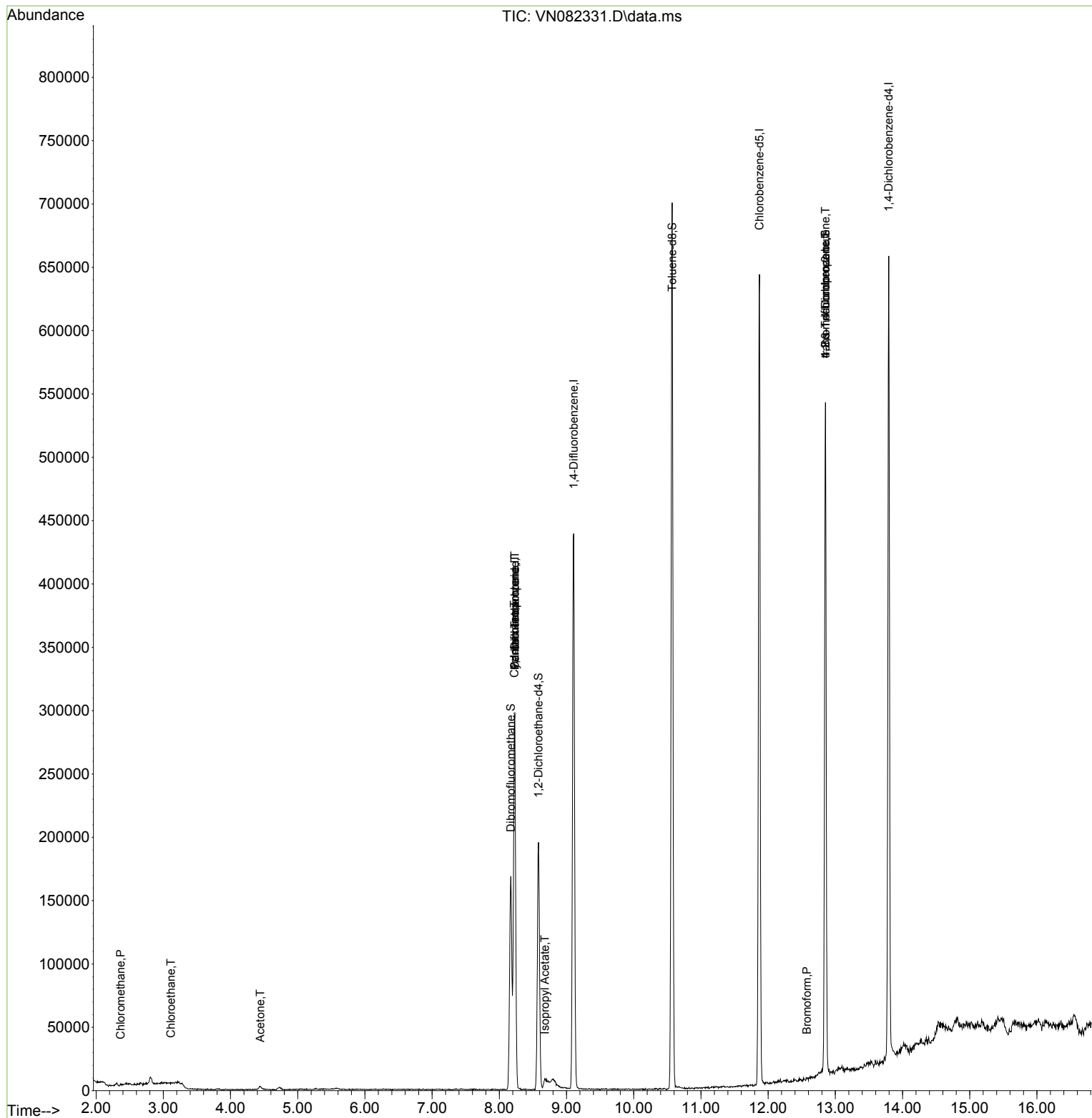
Internal Standards						
1) Pentafluorobenzene	8.230	168	206583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	362353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	340549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	161682	49.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	8.171	113	115583	51.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	10.571	98	454563	53.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.853	95	167637	54.959	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	109.920%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	724	0.214	ug/l #	43
6) Chloroethane	3.112	64	675	0.326	ug/l #	44
16) Acetone	4.442	43	5080	3.796	ug/l #	65
31) Cyclohexane	8.224	56	5559	1.067	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	19050	5.096	ug/l #	48
38) Carbon Tetrachloride	8.230	117	22431	5.919	ug/l #	15
43) Isopropyl Acetate	8.677	43	7197	0.971	ug/l #	52
71) Bromoform	12.576	173	211	0.807	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	98154	30.578	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98154	71.521	ug/l #	13

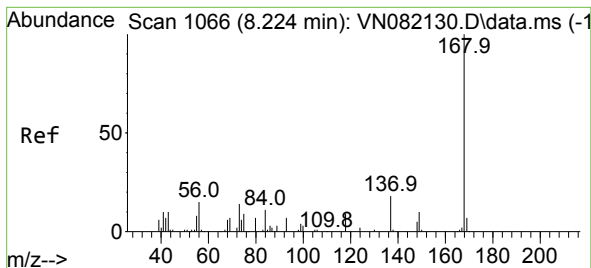
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 04:23:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN082331.D

Acq: 23 May 2024 19:09

Instrument :

MSVOA_N

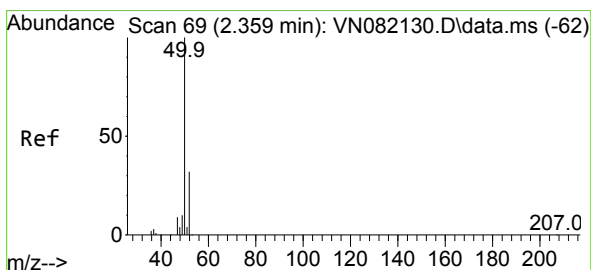
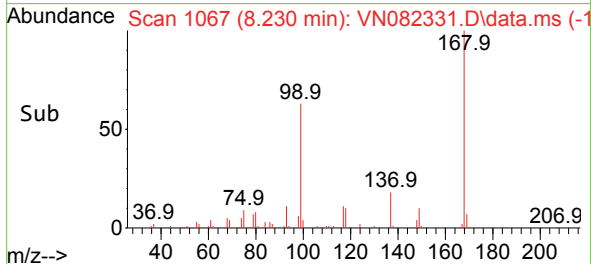
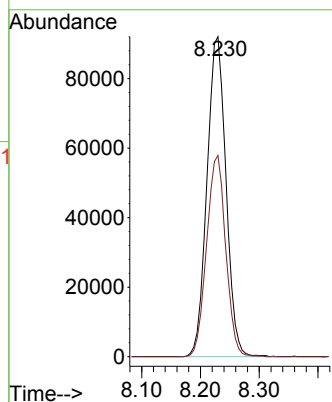
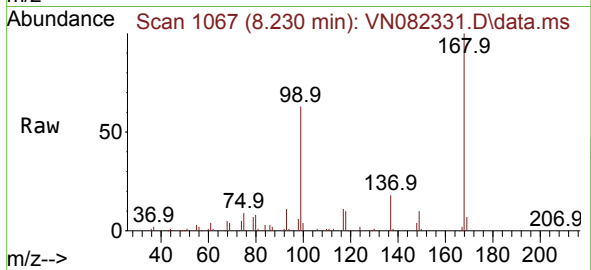
ClientSampleId :

Tgt Ion:168 Resp: 206583

Ion Ratio Lower Upper

168 100

99 62.8 48.2 72.4



#3

Chloromethane

Concen: 0.214 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082331.D

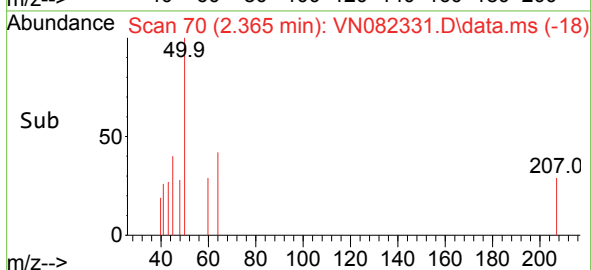
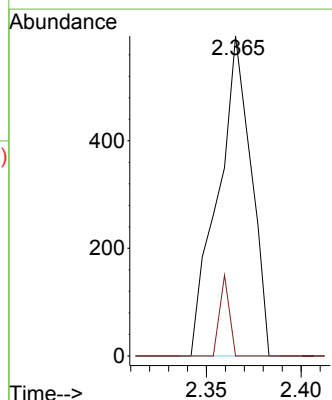
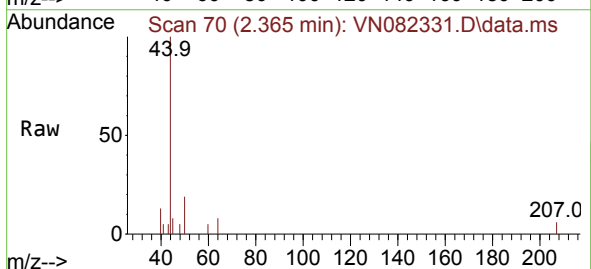
Acq: 23 May 2024 19:09

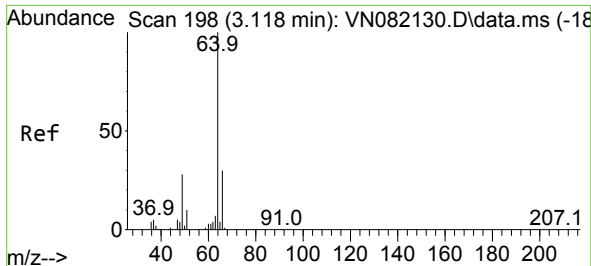
Tgt Ion: 50 Resp: 724

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

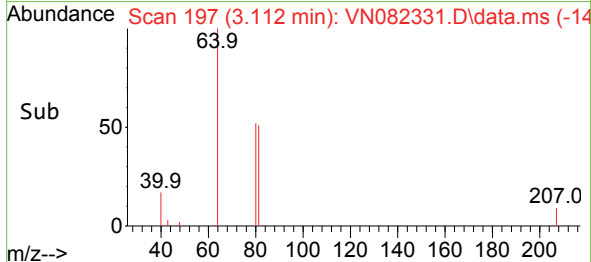
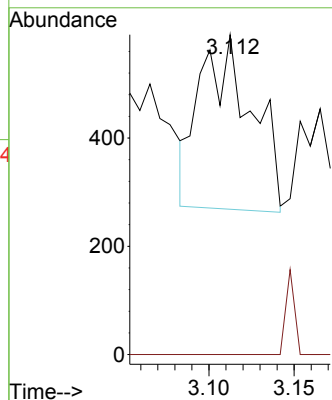
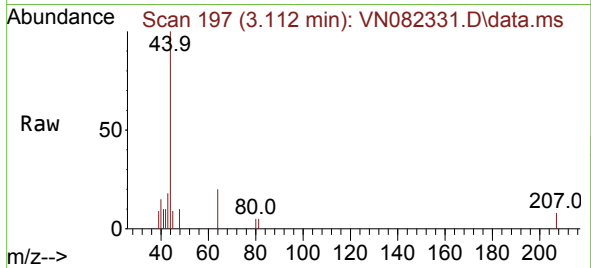




#6
Chloroethane
Concen: 0.326 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

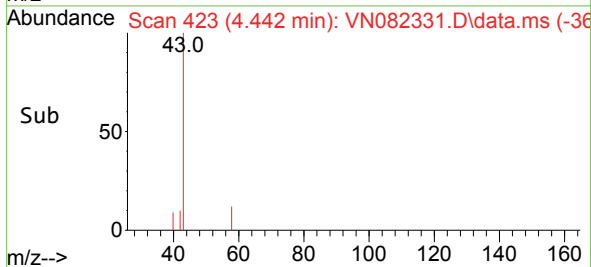
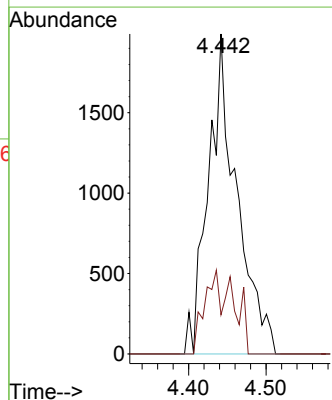
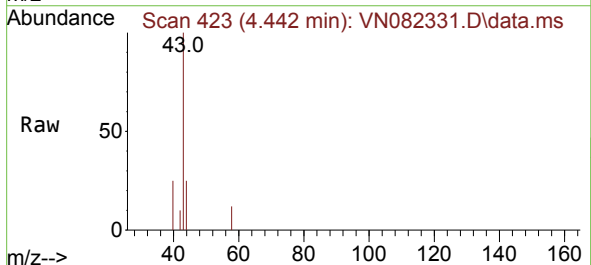
Instrument :
MSVOA_N
ClientSampleId :

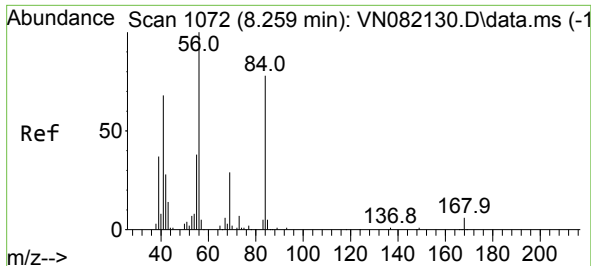
Tgt Ion: 64 Resp: 675
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: 3.796 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

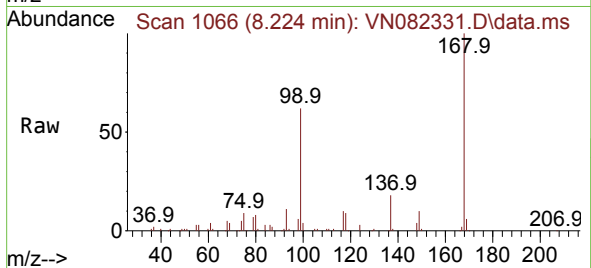
Tgt Ion: 43 Resp: 5080
Ion Ratio Lower Upper
43 100
58 12.3 25.2 37.8#



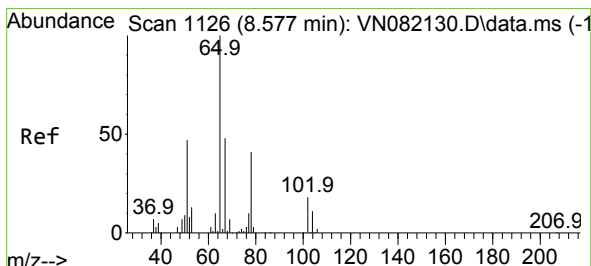
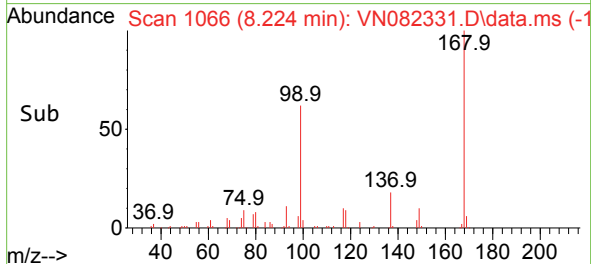
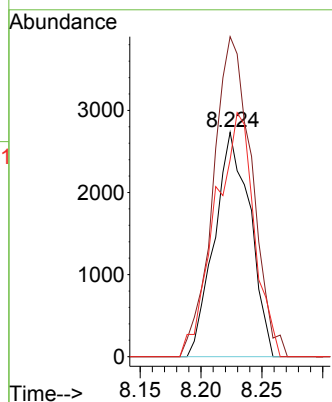


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :

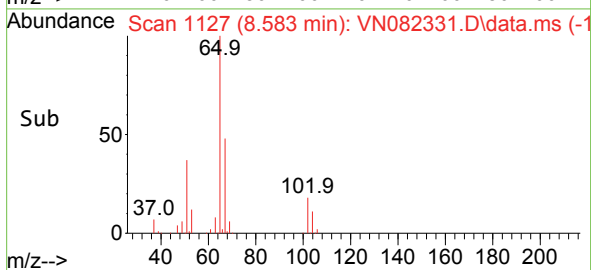
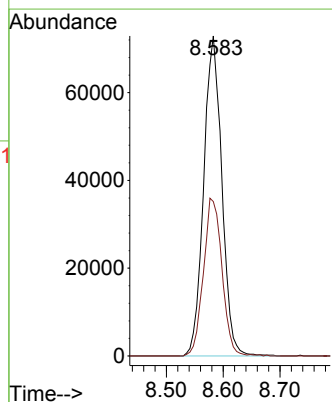
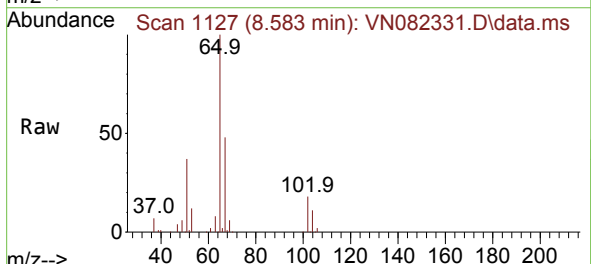


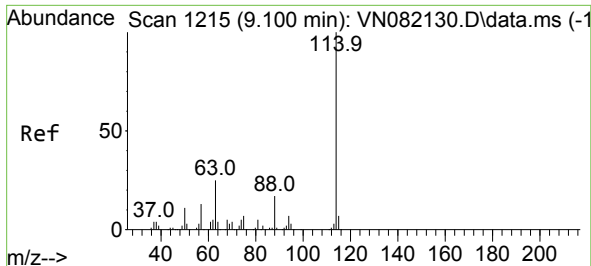
Tgt Ion: 56 Resp: 5559
Ion Ratio Lower Upper
56 100
69 142.6 24.4 36.6#
84 87.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 49.565 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

Tgt Ion: 65 Resp: 161682
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 111

Delta R.T. 0.006 min

Lab File: VN082331.D

Acq: 23 May 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

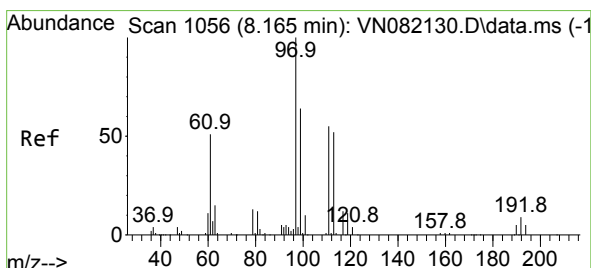
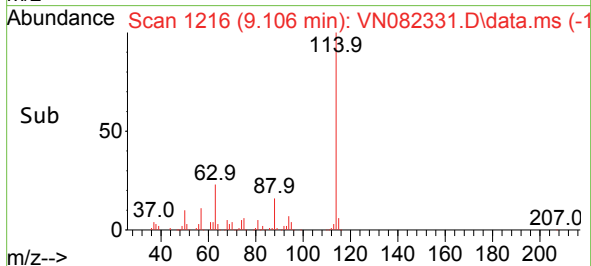
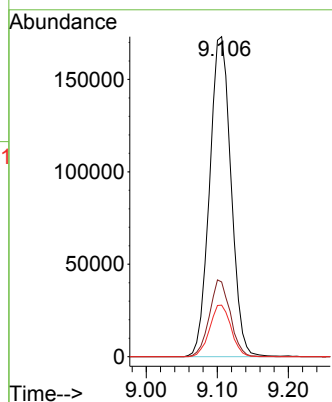
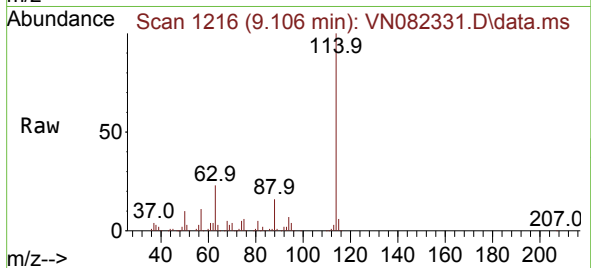
Tgt Ion:114 Resp: 362353

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.854 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082331.D

Acq: 23 May 2024 19:09

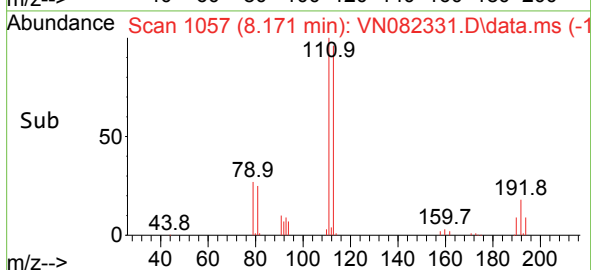
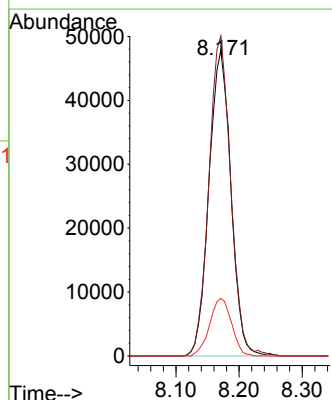
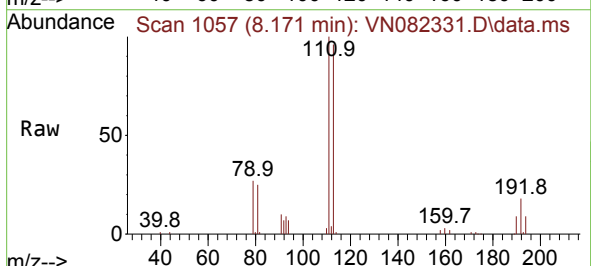
Tgt Ion:113 Resp: 115583

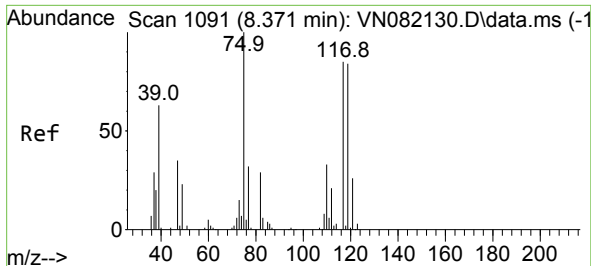
Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 18.8 14.0 21.0

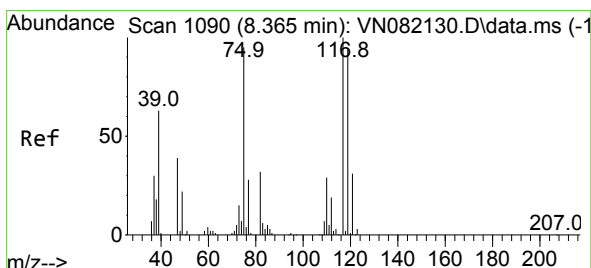
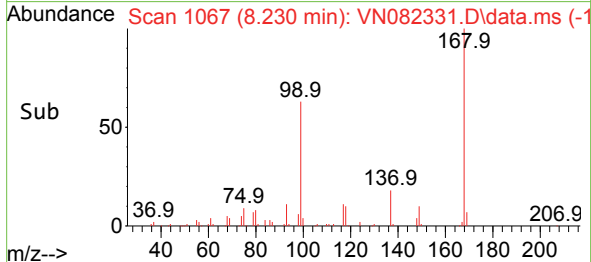
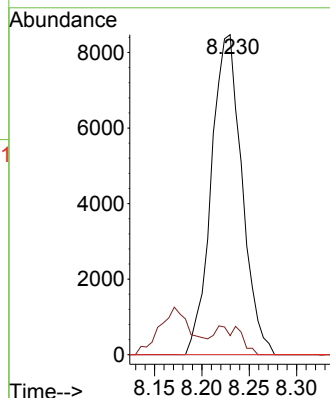
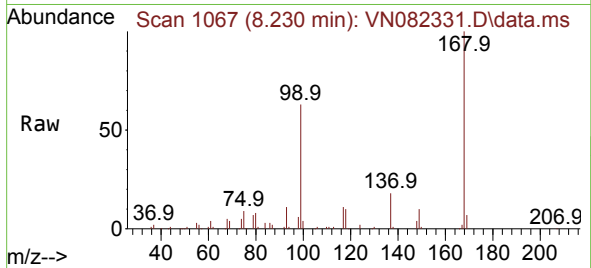




#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

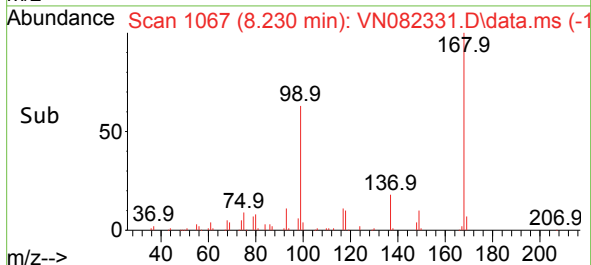
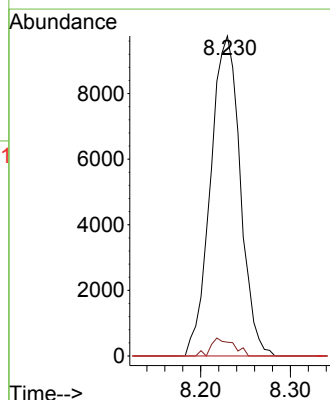
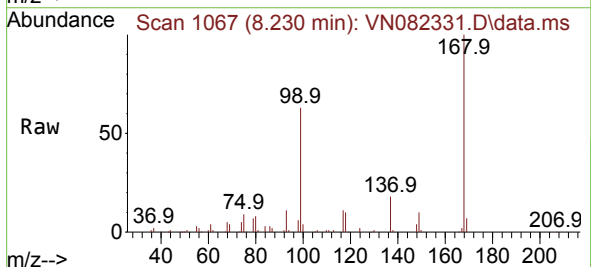
Instrument :
MSVOA_N
ClientSampleId :

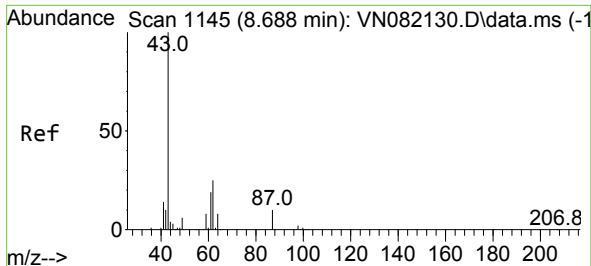
Tgt Ion: 75 Resp: 19050
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

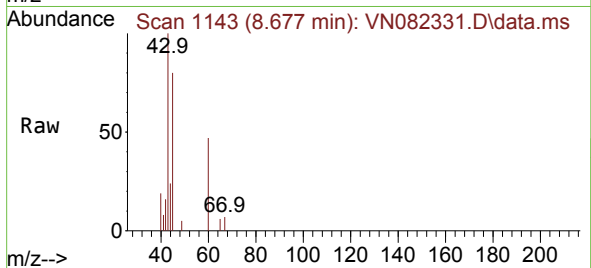
Tgt Ion: 117 Resp: 22431
Ion Ratio Lower Upper
117 100
119 4.3 76.5 114.7#
121 0.0 23.9 35.9#



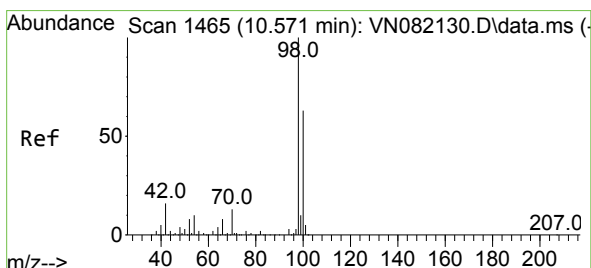
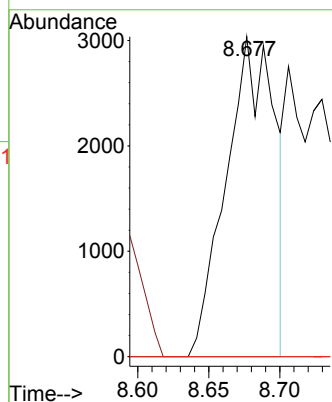
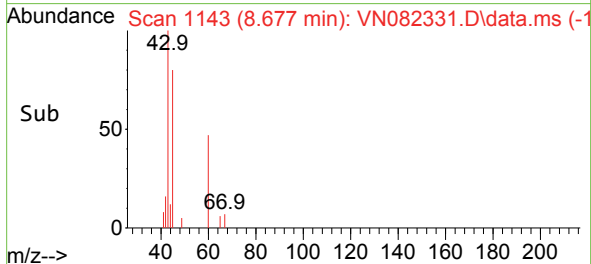


#43
Isopropyl Acetate
Concen: 0.971 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :

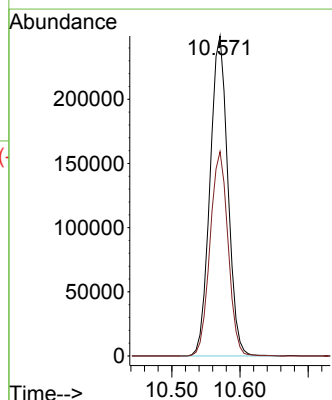
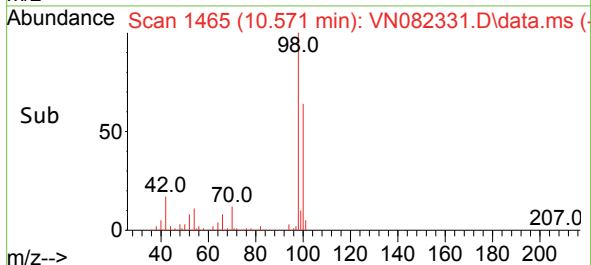
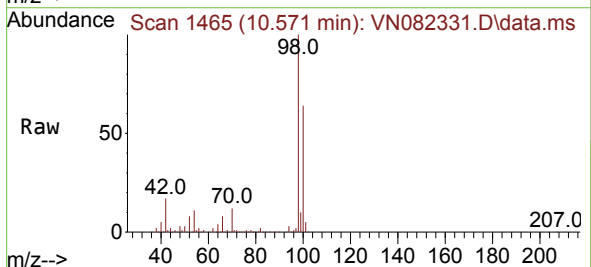


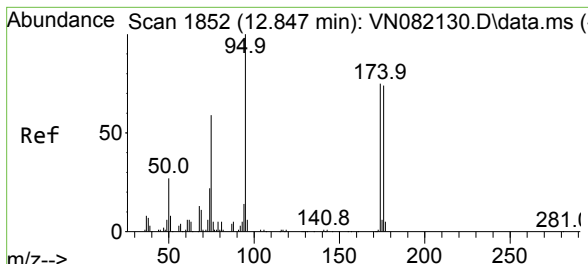
Tgt Ion: 43 Resp: 7197
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.191 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

Tgt Ion: 98 Resp: 454563
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

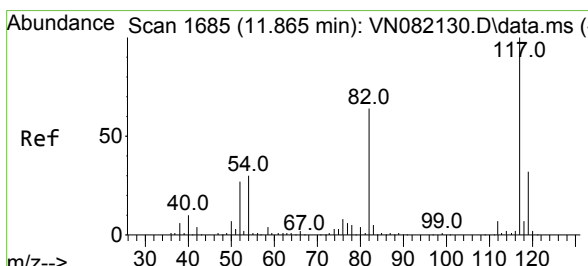
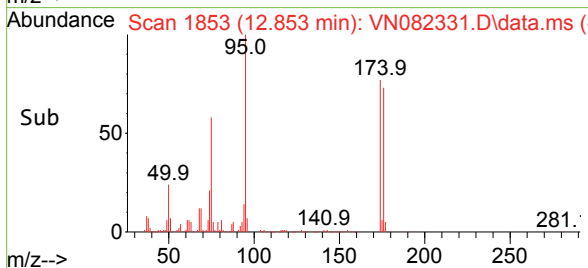
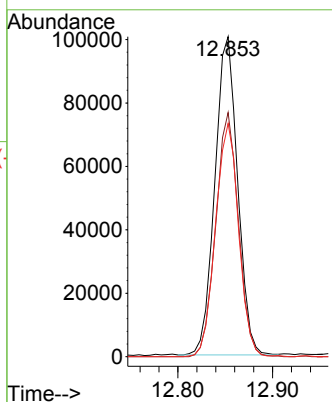
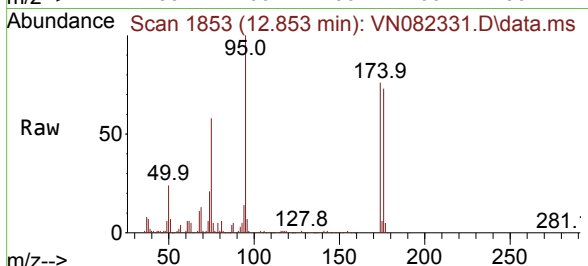




#62
4-Bromofluorobenzene
Concen: 54.959 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

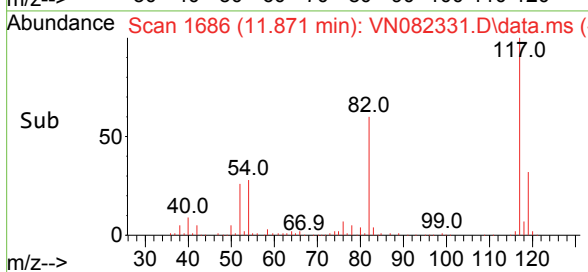
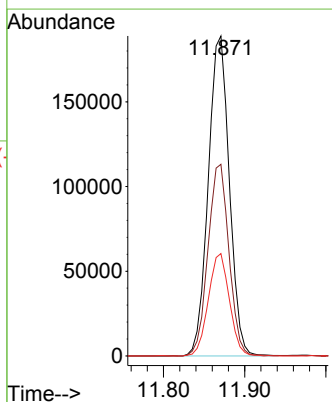
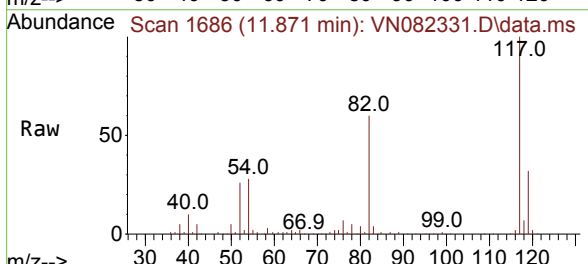
Instrument :
MSVOA_N
ClientSampleId :

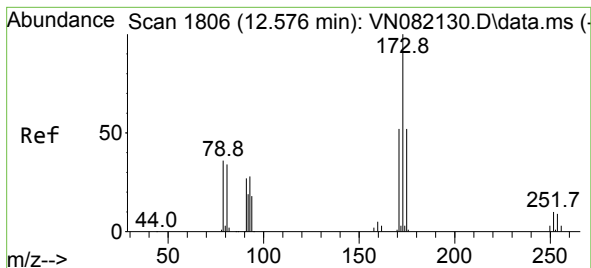
Tgt Ion: 95 Resp: 167637
Ion Ratio Lower Upper
95 100
174 76.3 0.0 160.6
176 74.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

Tgt Ion: 117 Resp: 340549
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 32.0 25.9 38.9





#71

Bromoform

Concen: 0.807 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082331.D

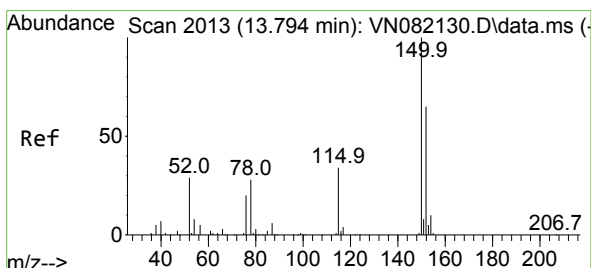
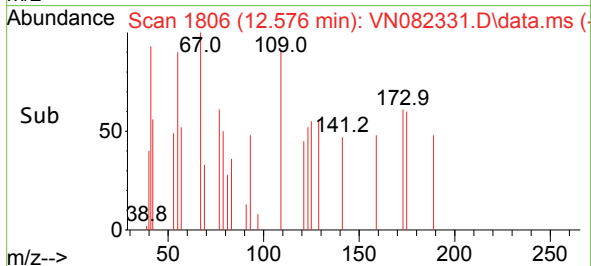
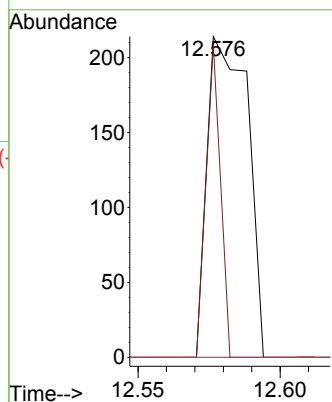
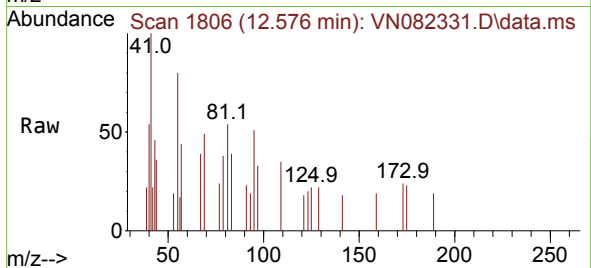
Acq: 23 May 2024 19:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	211
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

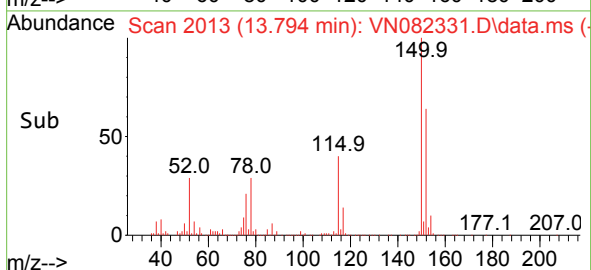
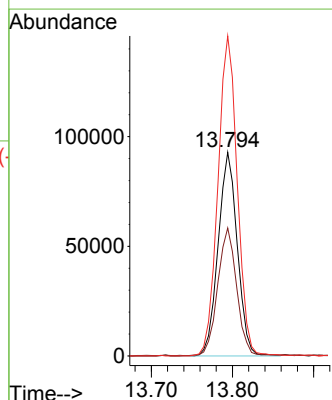
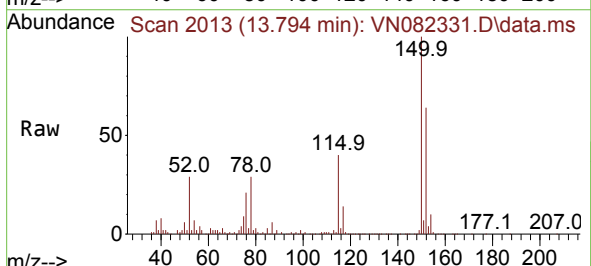
RT: 13.794 min Scan# 2013

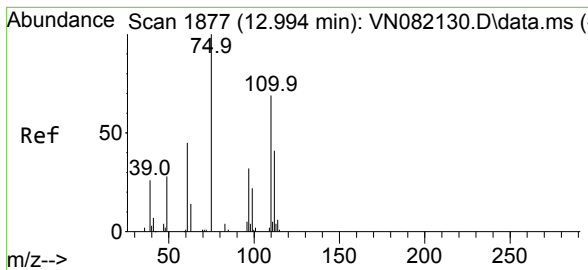
Delta R.T. 0.000 min

Lab File: VN082331.D

Acq: 23 May 2024 19:09

Tgt Ion:	152	Resp:	152509
Ion Ratio	Lower	Upper	
152	100		
115	62.0	30.4	91.3
150	158.7	0.0	353.2

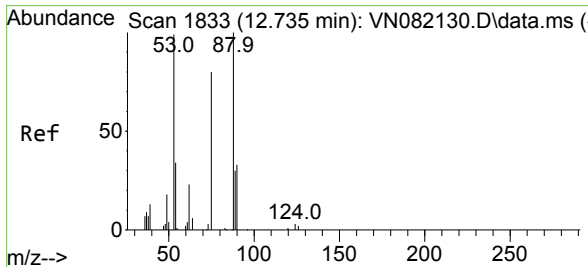
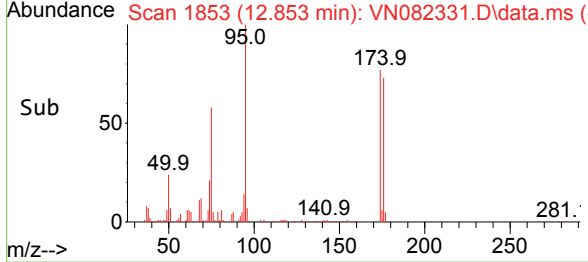
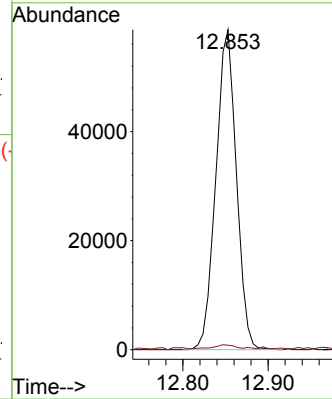
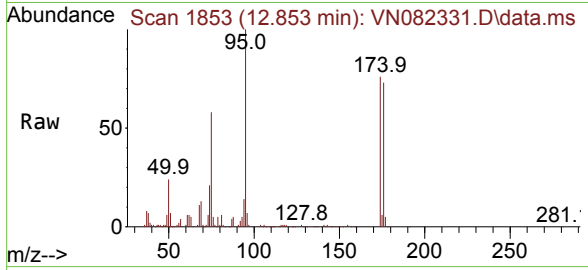




#76
1,2,3-Trichloropropane
Concen: 30.578 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 98154
Ion Ratio Lower Upper
75 100
77 1.6 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.521 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082331.D
Acq: 23 May 2024 19:09

Tgt Ion: 75 Resp: 98154
Ion Ratio Lower Upper
75 100
53 0.2 72.9 109.3#
89 0.0 39.1 58.7#

