

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082311.D
 Acq On : 23 May 2024 10:54
 Operator : JC\MD
 Sample : VN0523WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:13:55 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)

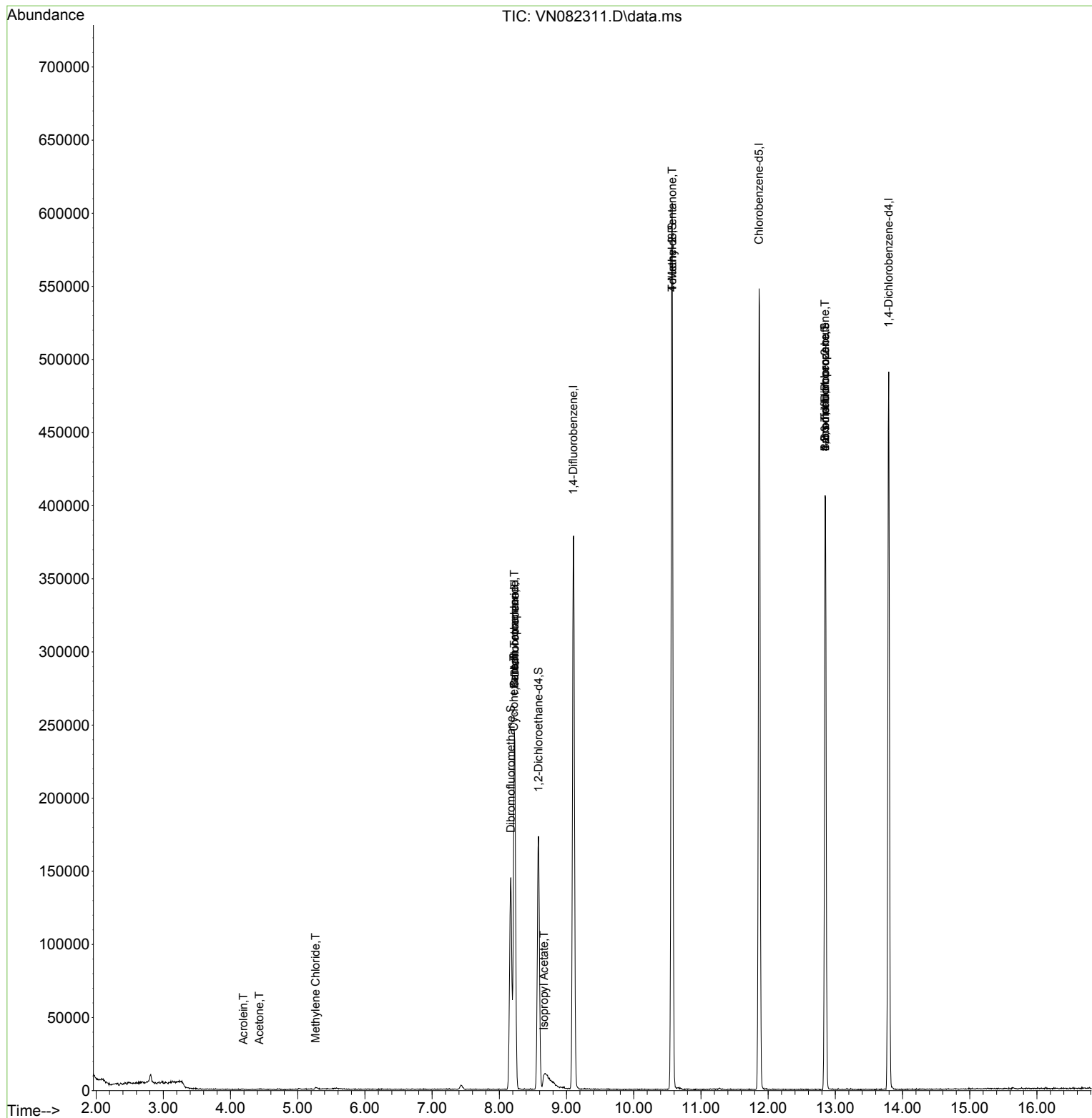
Internal Standards						
1) Pentafluorobenzene	8.224	168	171251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144260	53.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.700%	
35) Dibromofluoromethane	8.171	113	101010	53.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.280%	
50) Toluene-d8	10.571	98	395178	54.738	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.480%	
62) 4-Bromofluorobenzene	12.847	95	131378	50.985	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.980%	
Target Compounds						
					Qvalue	
13) Acrolein	4.189	56	126	0.392	ug/l #	68
16) Acetone	4.430	43	357	0.322	ug/l #	43
20) Methylene Chloride	5.265	84	530	0.237	ug/l #	66
31) Cyclohexane	8.218	56	5063	1.172	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	16397	5.192	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18343	5.730	ug/l #	15
43) Isopropyl Acetate	8.665	43	7375	1.178	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2445	0.687	ug/l #	1
71) Bromoform	12.847	173	809	1.178	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	76705	29.700	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76705	69.466	ug/l #	12

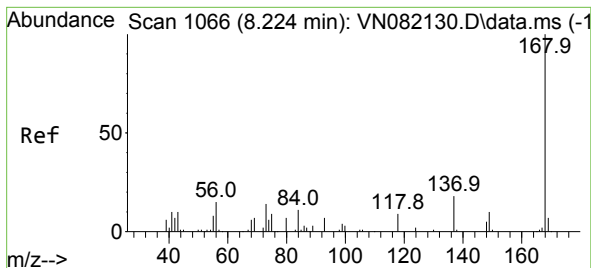
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
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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: 8.224 min Scan# 1066

Delta R.T. -0.000 min

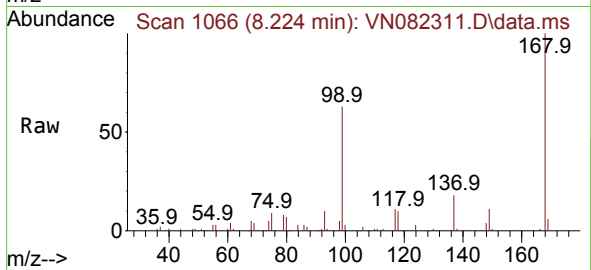
Lab File: VN082311.D

Acq: 23 May 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

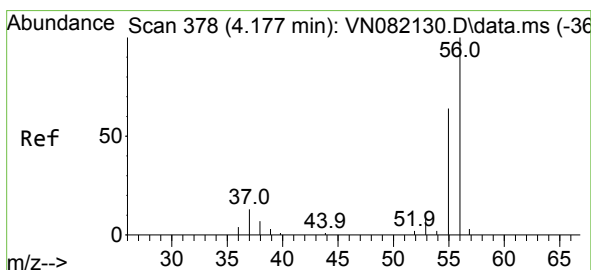
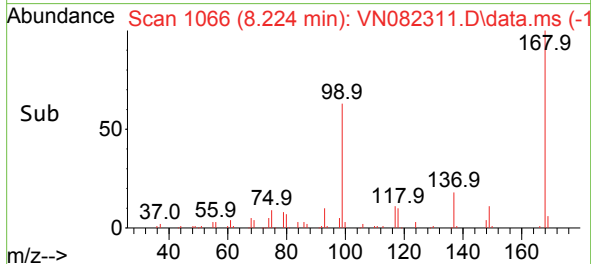
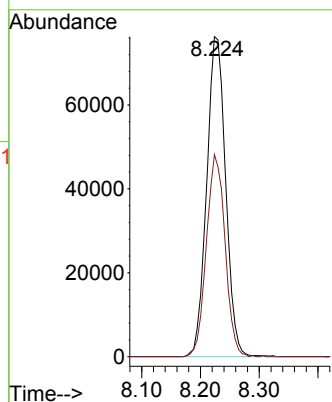


Tgt Ion:168 Resp: 171251

Ion Ratio Lower Upper

168 100

99 63.1 48.2 72.4



#13

Acrolein

Concen: 0.392 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.012 min

Lab File: VN082311.D

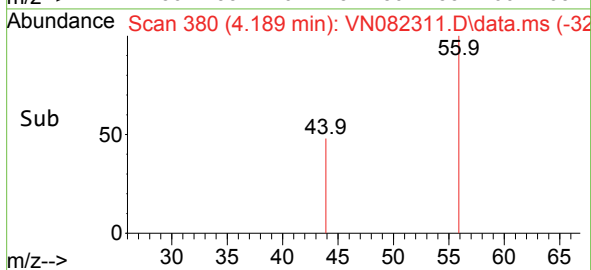
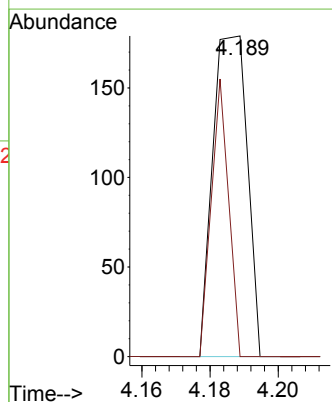
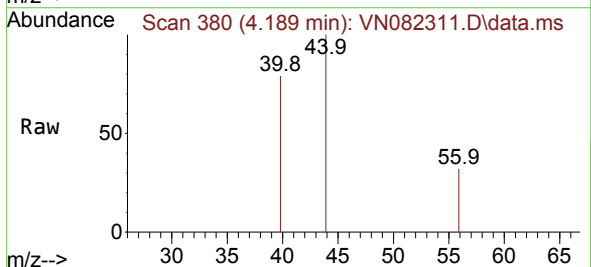
Acq: 23 May 2024 10:54

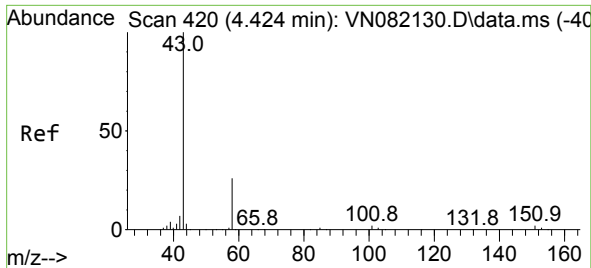
Tgt Ion: 56 Resp: 126

Ion Ratio Lower Upper

56 100

55 43.7 55.8 83.8#

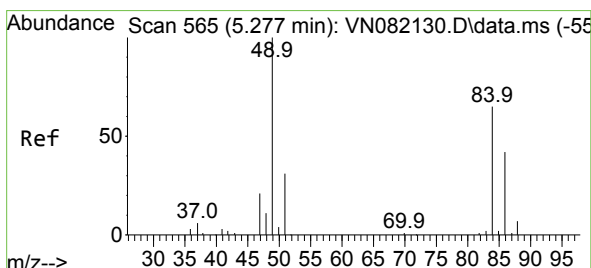
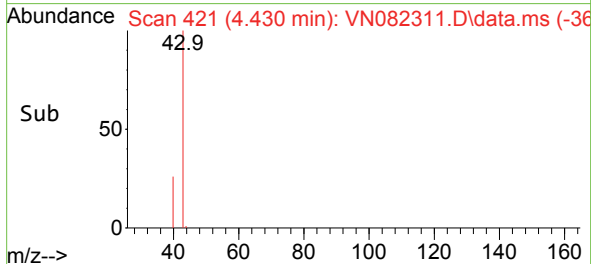
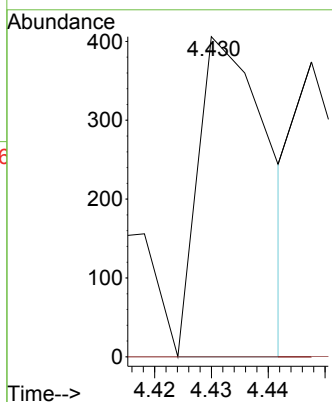
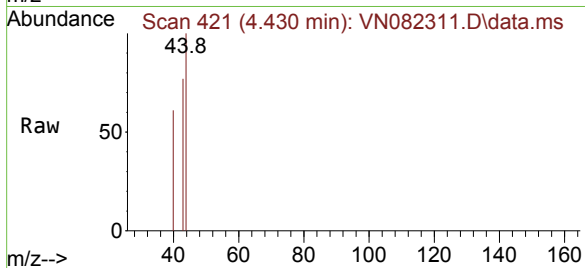




#16
Acetone
Concen: 0.322 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

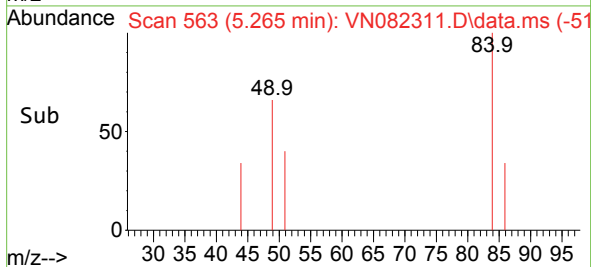
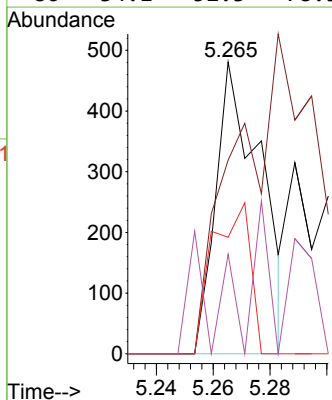
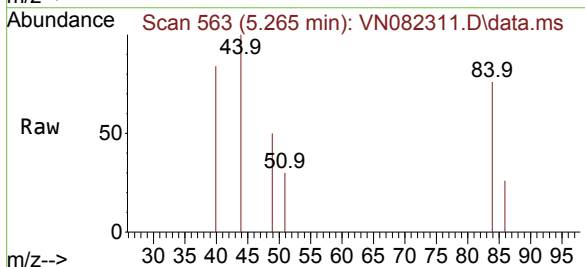
Instrument :
MSVOA_N
ClientSampleId :

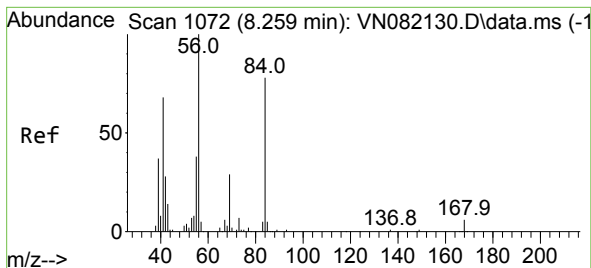
Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

Tgt Ion: 84 Resp: 530
Ion Ratio Lower Upper
84 100
49 66.3 84.9 127.3#
51 39.9 27.0 40.6
86 34.1 52.3 78.5#





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

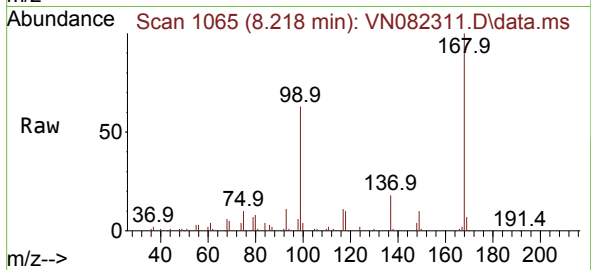
Lab File: VN082311.D

Acq: 23 May 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :



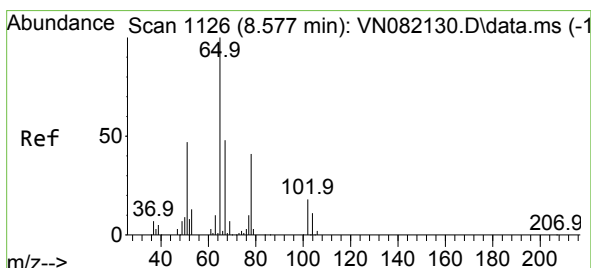
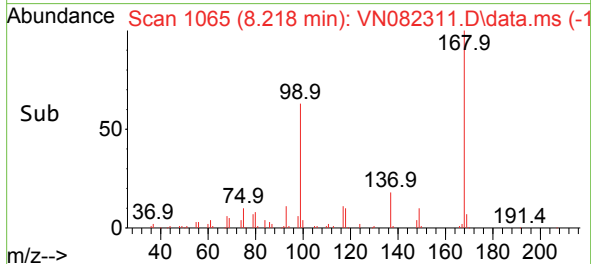
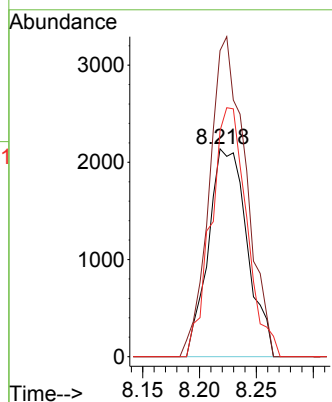
Tgt Ion: 56 Resp: 5063

Ion Ratio Lower Upper

56 100

69 147.3 24.4 36.6#

84 108.7 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 53.349 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082311.D

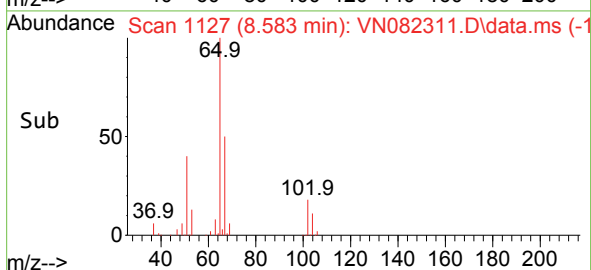
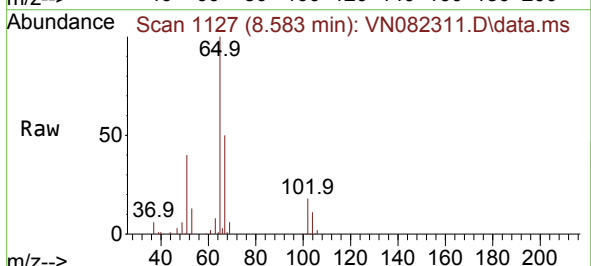
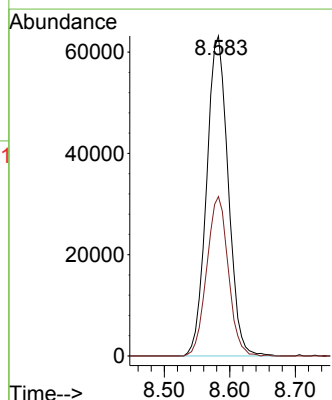
Acq: 23 May 2024 10:54

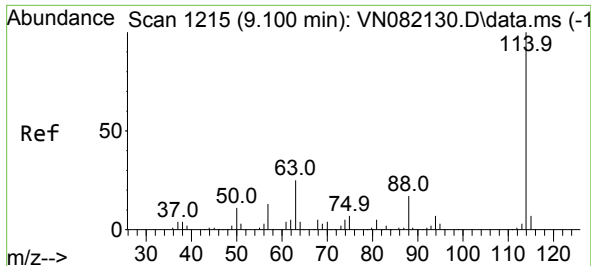
Tgt Ion: 65 Resp: 144260

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082311.D

Acq: 23 May 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :

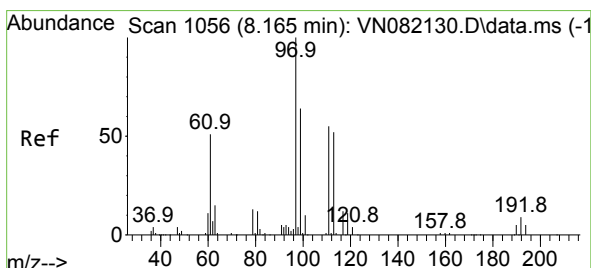
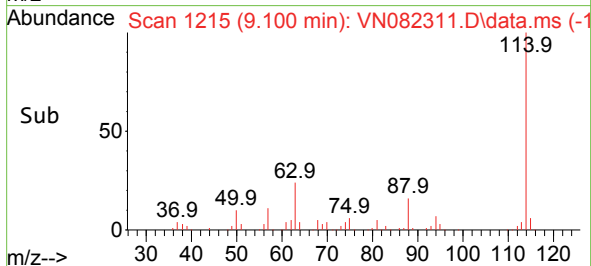
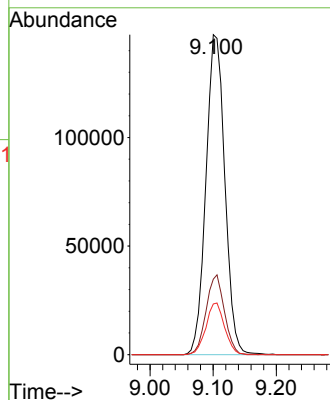
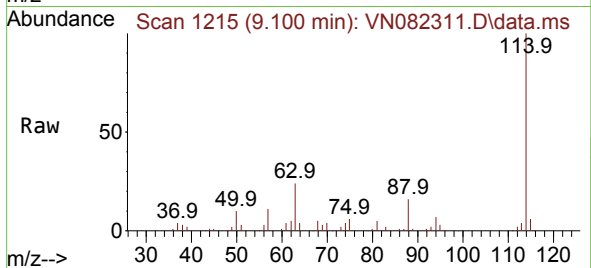
Tgt Ion:114 Resp: 306110

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.642 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082311.D

Acq: 23 May 2024 10:54

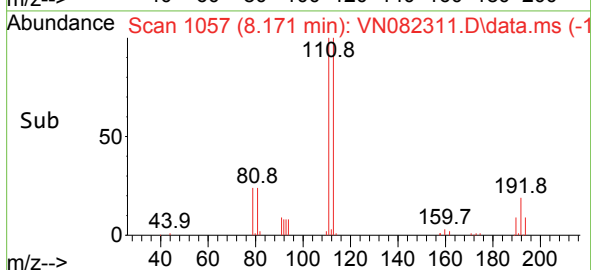
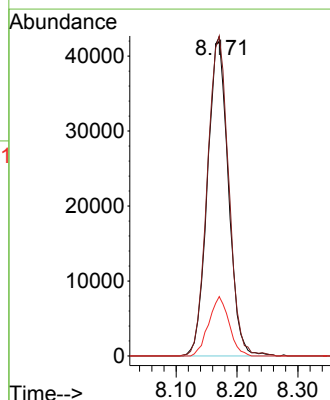
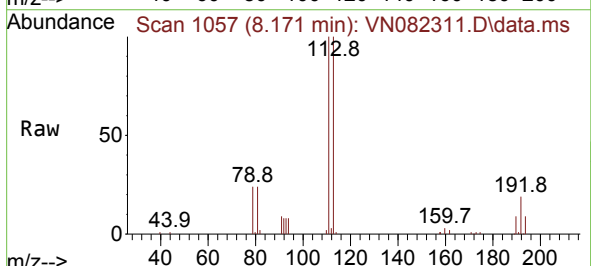
Tgt Ion:113 Resp: 101010

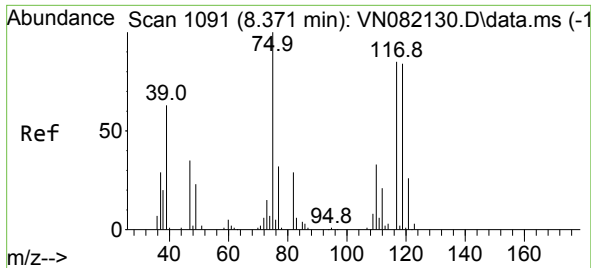
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

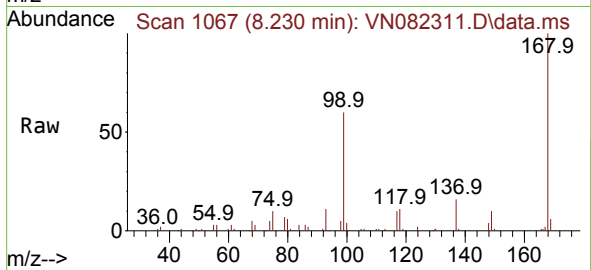
192 18.2 14.0 21.0



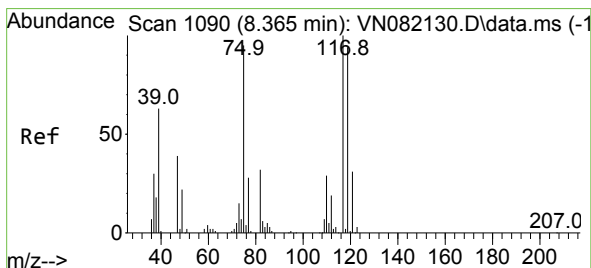
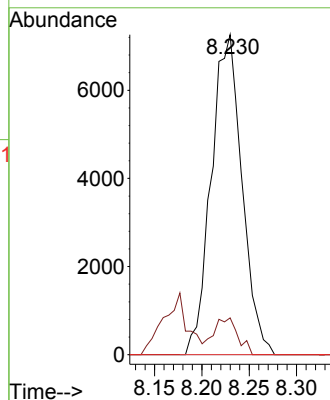
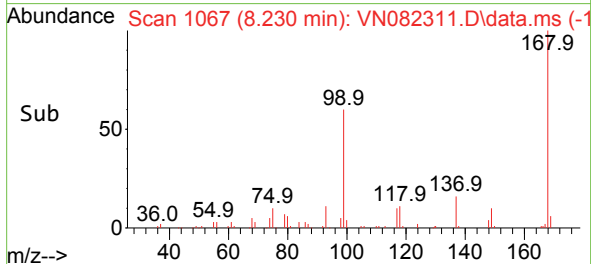


#36
1,1-Dichloropropene
Concen: 5.192 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :

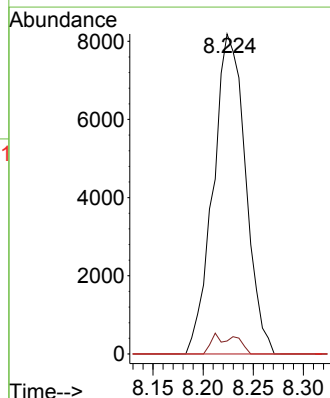
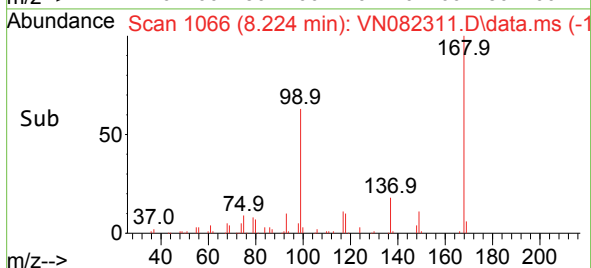
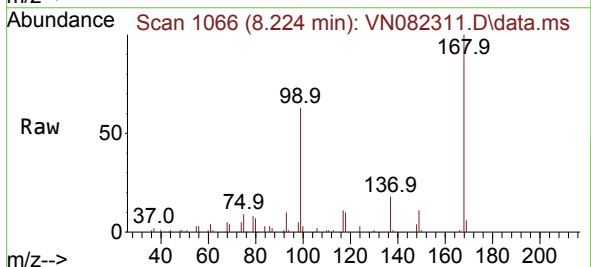


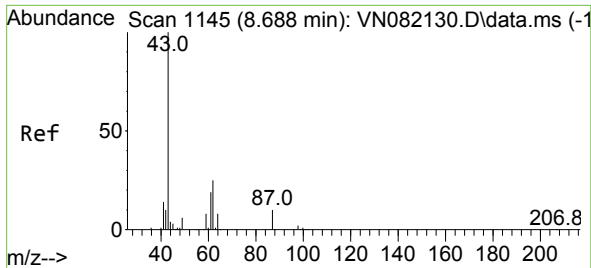
Tgt Ion: 75 Resp: 16397
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.730 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

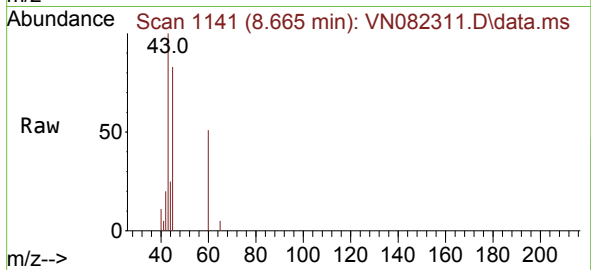
Tgt Ion: 117 Resp: 18343
Ion Ratio Lower Upper
117 100
119 4.1 76.5 114.7#
121 0.0 23.9 35.9#



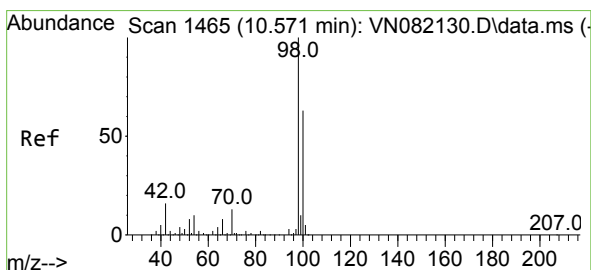
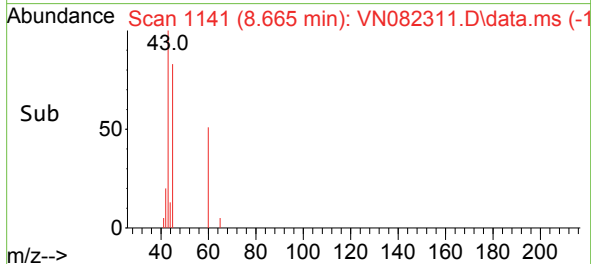
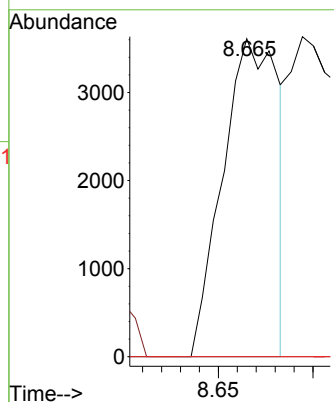


#43
Isopropyl Acetate
Concen: 1.178 ug/l
RT: 8.665 min Scan# 1145
Delta R.T. -0.023 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :

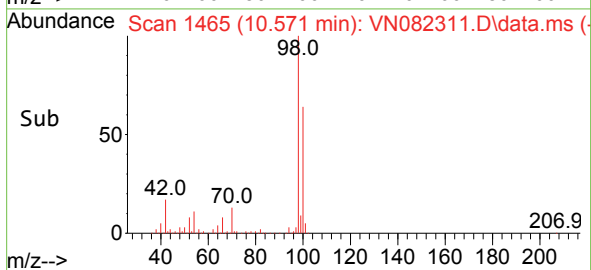
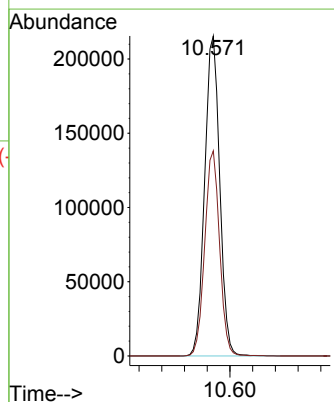
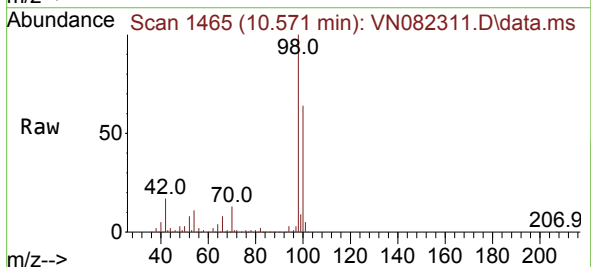


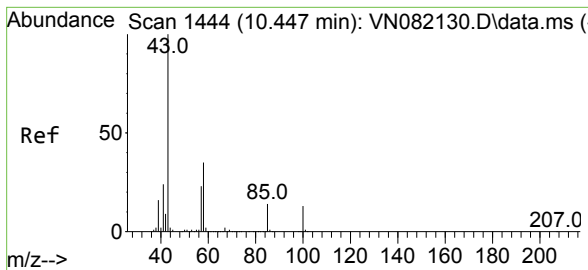
Tgt Ion: 43 Resp: 7375
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.738 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

Tgt Ion: 98 Resp: 395178
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6

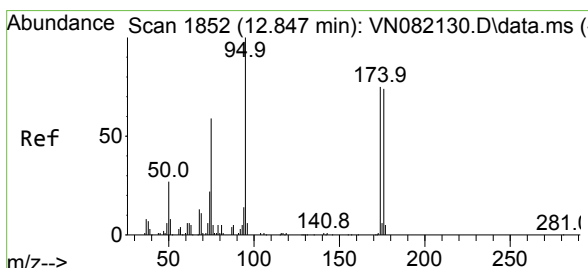
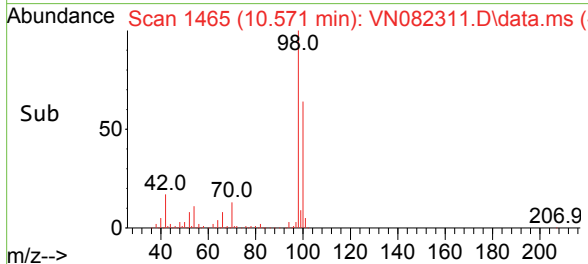
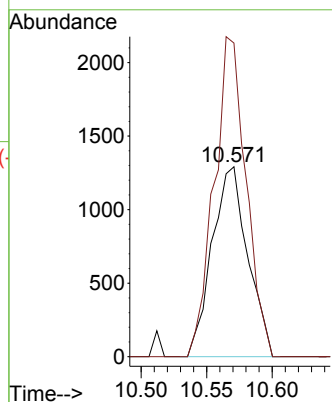
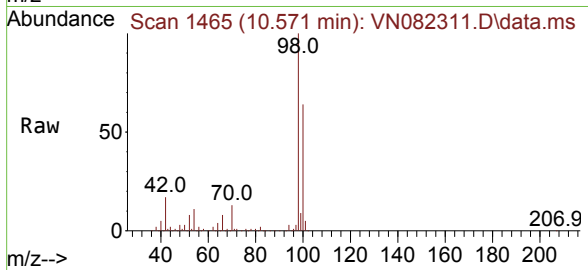




#51
4-Methyl-2-Pentanone
Concen: 0.687 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

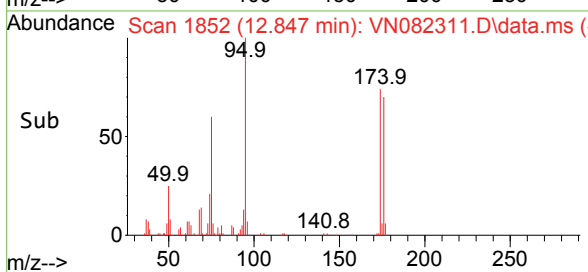
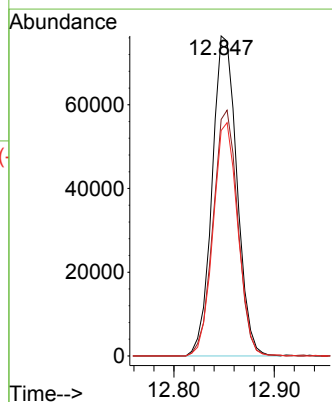
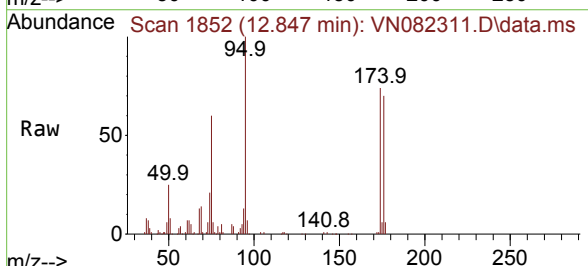
Instrument :
MSVOA_N
ClientSampleId :

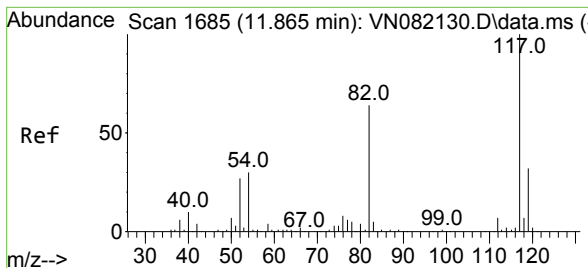
Tgt Ion: 43 Resp: 2445
Ion Ratio Lower Upper
43 100
58 150.9 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 50.985 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

Tgt Ion: 95 Resp: 131378
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 72.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

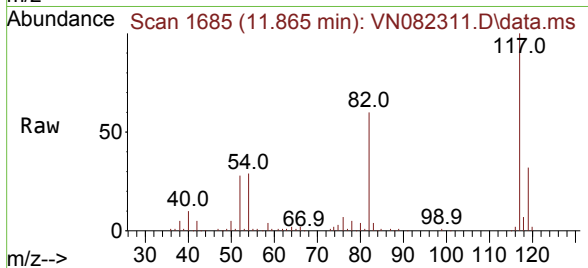
Lab File: VN082311.D

Acq: 23 May 2024 10:54

Instrument :

MSVOA_N

ClientSampleId :



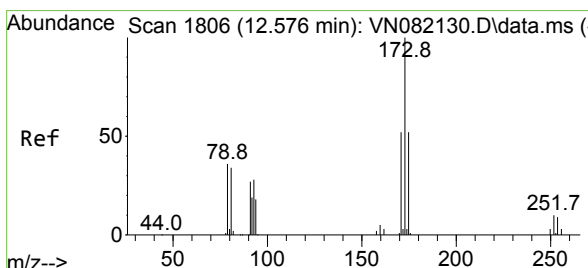
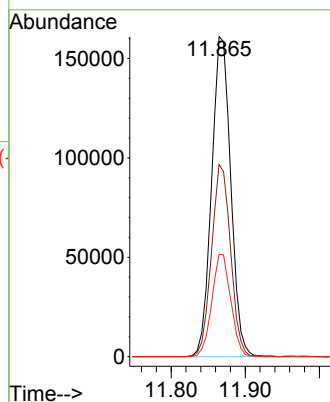
Tgt Ion:117 Resp: 288939

Ion Ratio Lower Upper

117 100

82 60.1 44.6 66.8

119 32.0 25.9 38.9



#71

Bromoform

Concen: 1.178 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN082311.D

Acq: 23 May 2024 10:54

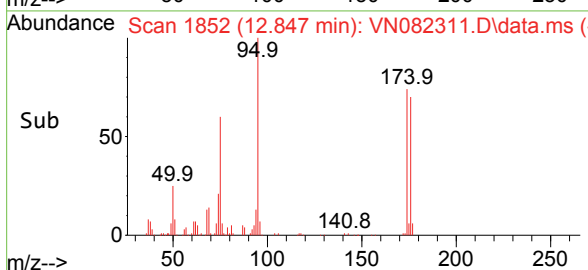
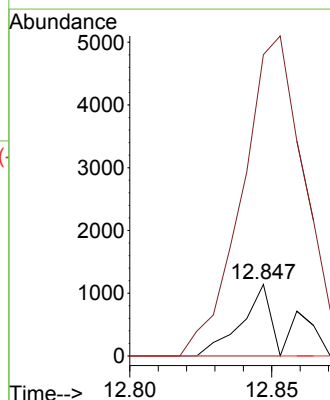
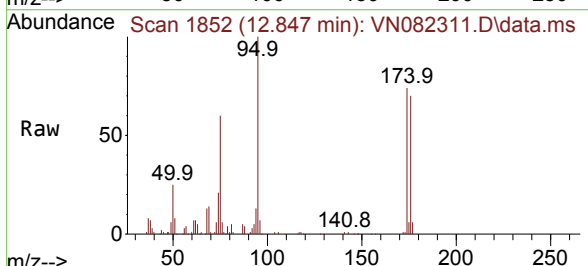
Tgt Ion:173 Resp: 809

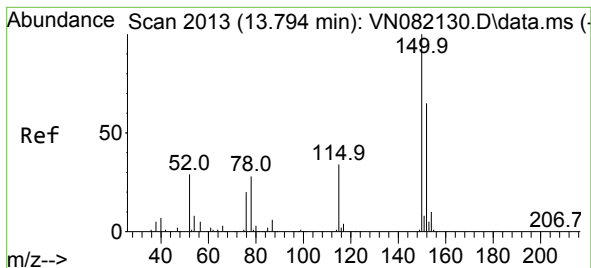
Ion Ratio Lower Upper

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

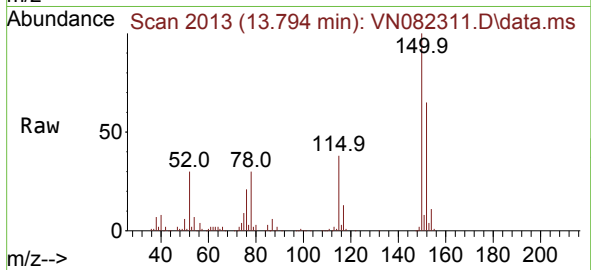
Lab File: VN082311.D

Acq: 23 May 2024 10:54

Instrument :

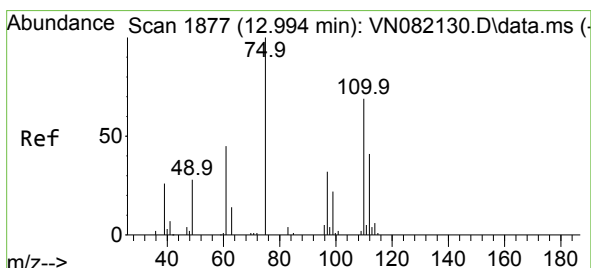
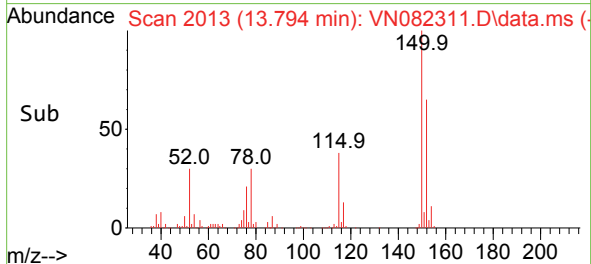
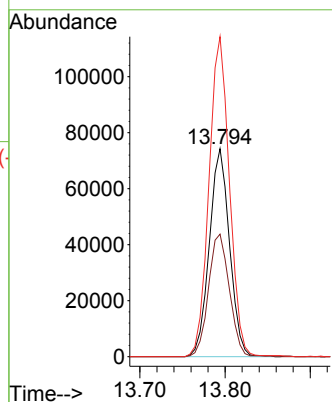
MSVOA_N

ClientSampleId :



Tgt Ion:152 Resp: 122707

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.4	91.3
150	154.8	0.0	353.2



#76

1,2,3-Trichloropropane

Concen: 29.700 ug/l

RT: 12.847 min Scan# 1852

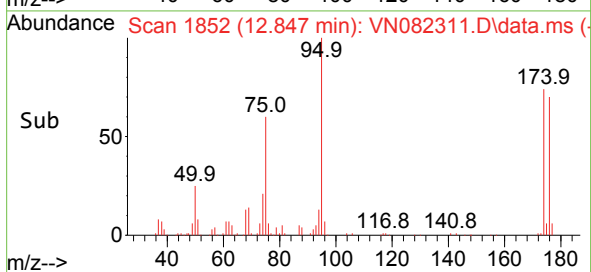
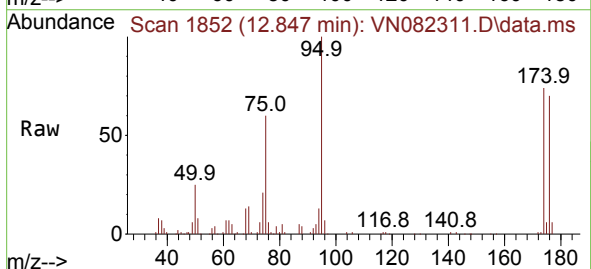
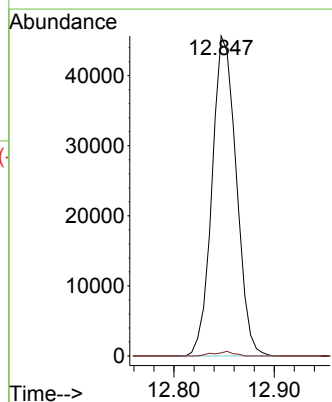
Delta R.T. -0.147 min

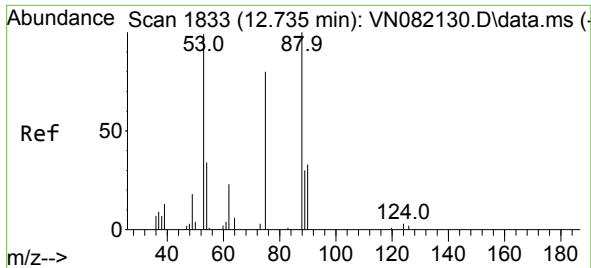
Lab File: VN082311.D

Acq: 23 May 2024 10:54

Tgt Ion: 75 Resp: 76705

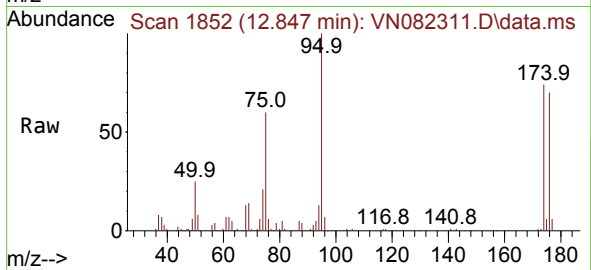
Ion	Ratio	Lower	Upper
75	100		
77	1.2	90.5	271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.466 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN082311.D
Acq: 23 May 2024 10:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 76705
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

