

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082315.D
 Acq On : 23 May 2024 12:40
 Operator : JC\MD
 Sample : P2554-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:16:31 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)

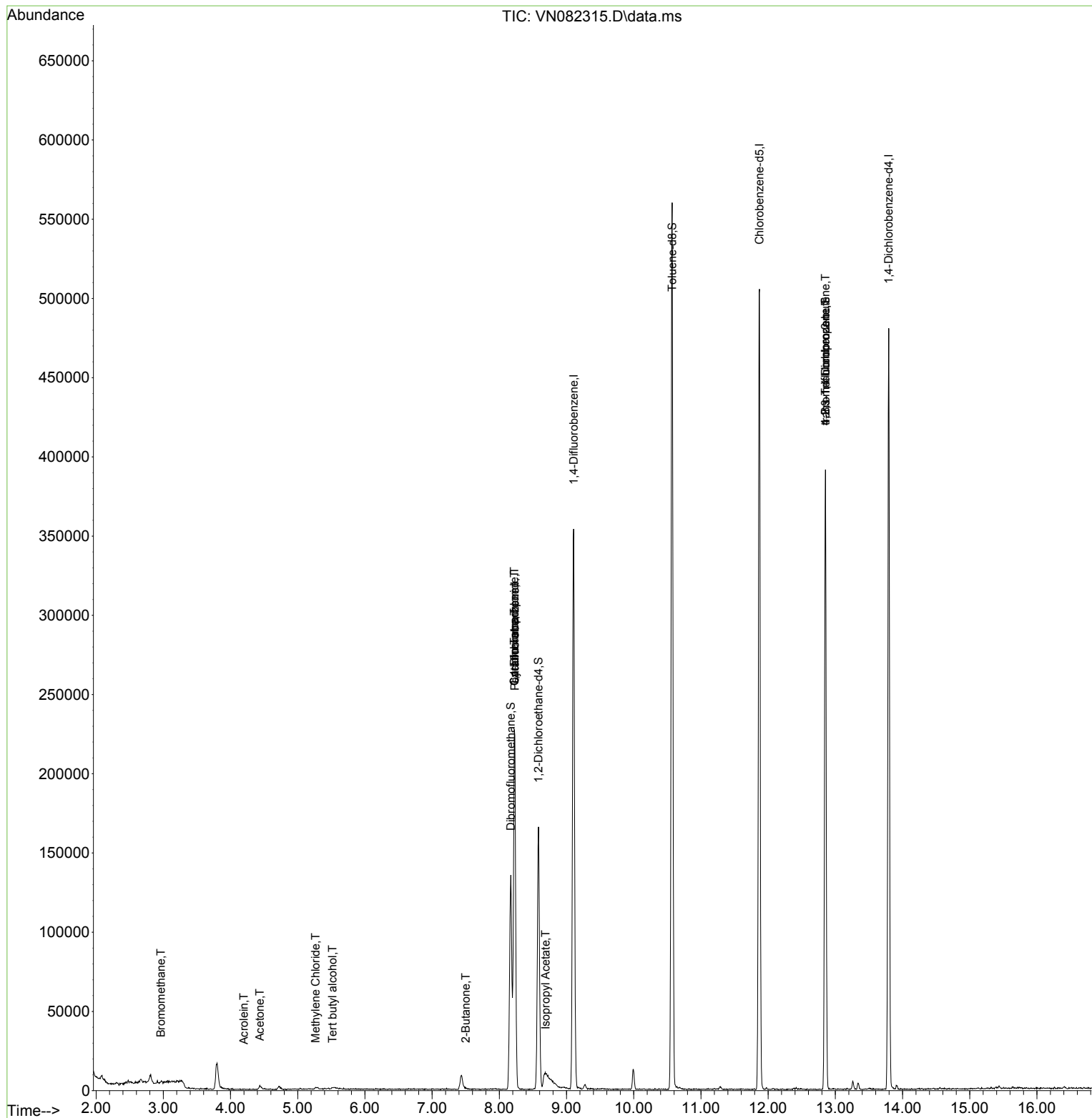
Internal Standards						
1) Pentafluorobenzene	8.230	168	155305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	268239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	133271	54.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.700%	
35) Dibromofluoromethane	8.171	113	92402	53.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.360%	
50) Toluene-d8	10.571	98	364143	54.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	12.853	95	122936	51.702	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.400%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	593	0.432	ug/l #	80
11) Tert butyl alcohol	5.518	59	686	1.743	ug/l #	71
13) Acrolein	4.201	56	63	0.216	ug/l #	81
16) Acetone	4.436	43	3926	3.903	ug/l	90
20) Methylene Chloride	5.265	84	476	0.235	ug/l #	74
25) 2-Butanone	7.500	43	1506	0.987	ug/l #	43
31) Cyclohexane	8.224	56	4778	1.220	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	15581	5.346	ug/l #	48
38) Carbon Tetrachloride	8.224	117	17467	5.913	ug/l #	16
43) Isopropyl Acetate	8.689	43	12493	2.162	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	73337	29.953	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73337	70.059	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
Data File : VN082315.D
Acq On : 23 May 2024 12:40
Operator : JC\MD
Sample : P2554-03 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

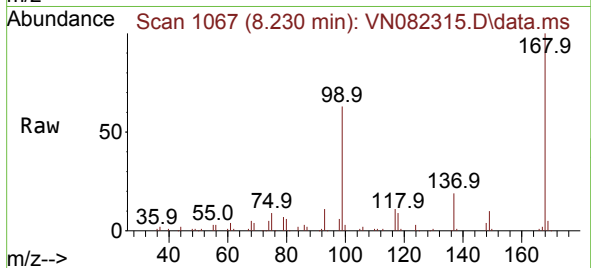
Quant Time: May 24 04:16:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



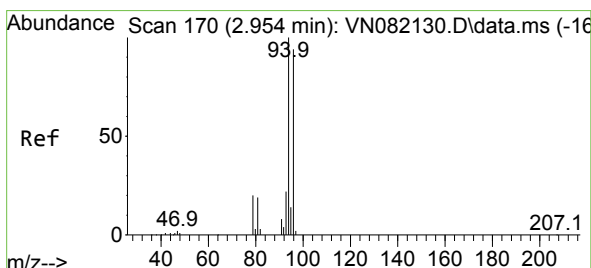
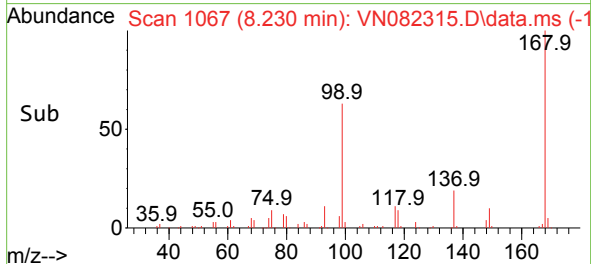
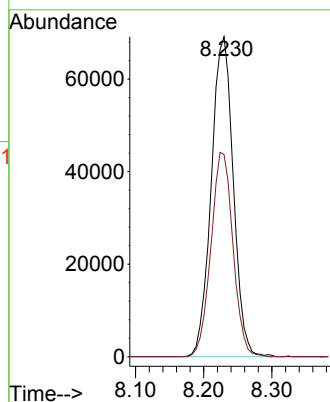


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

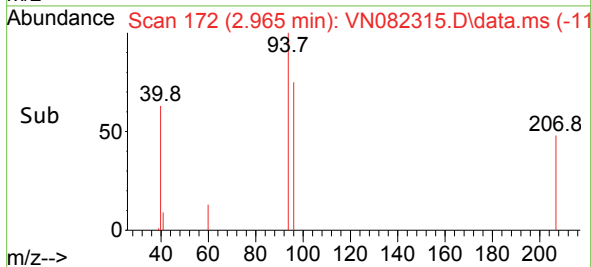
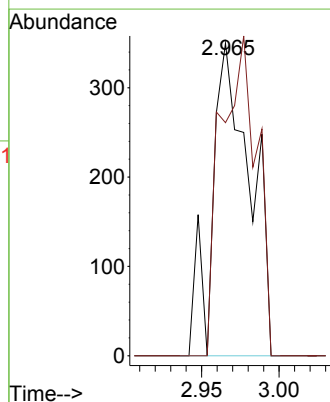
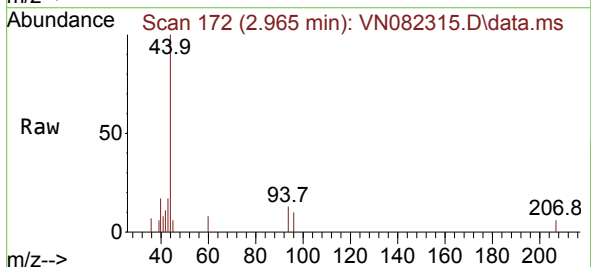


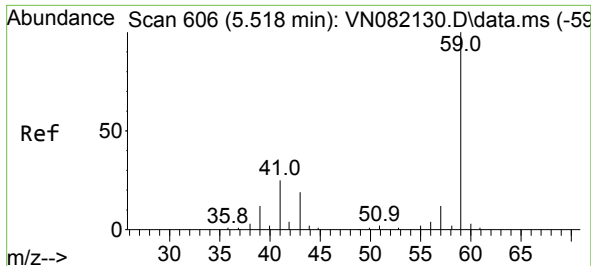
Tgt Ion:168 Resp: 155305
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#5
Bromomethane
Concen: 0.432 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

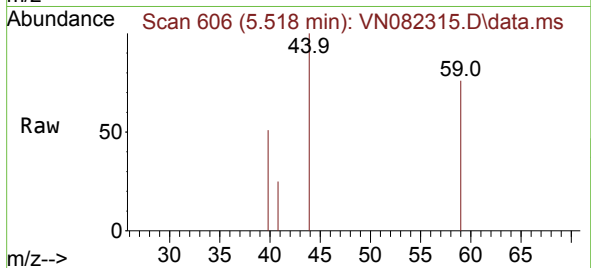
Tgt Ion: 94 Resp: 593
Ion Ratio Lower Upper
94 100
96 74.6 74.8 112.2#



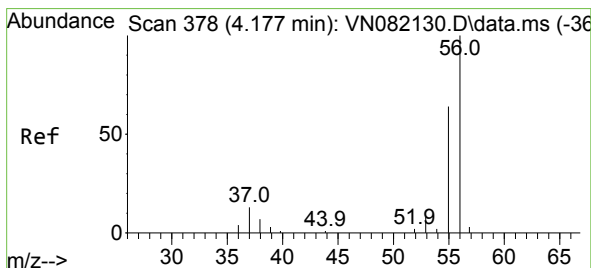
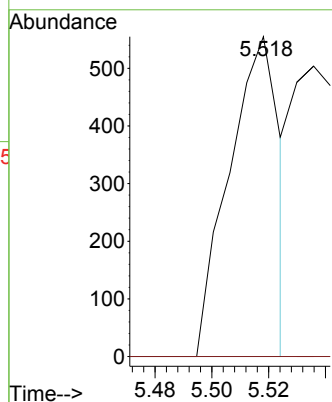
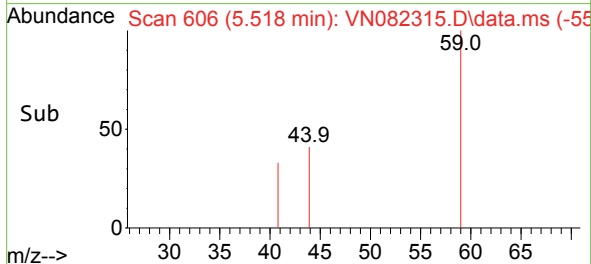


#11
Tert butyl alcohol
Concen: 1.743 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

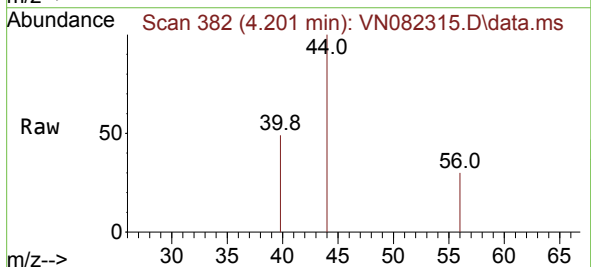
Instrument :
MSVOA_N
ClientSampleId :



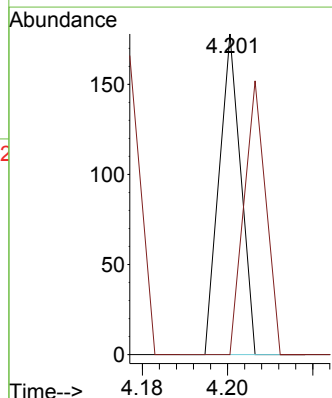
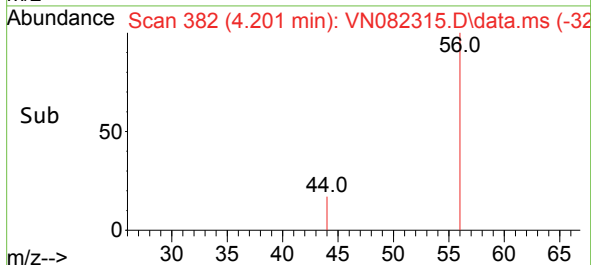
Tgt Ion: 59 Resp: 686
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

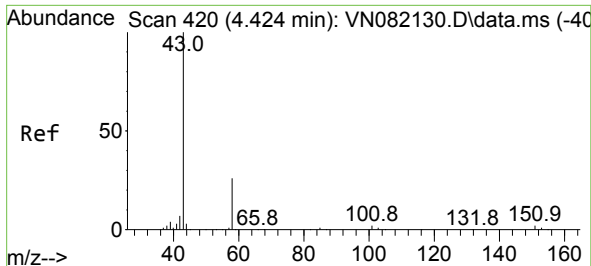


#13
Acrolein
Concen: 0.216 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.024 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40



Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 85.7 55.8 83.8#

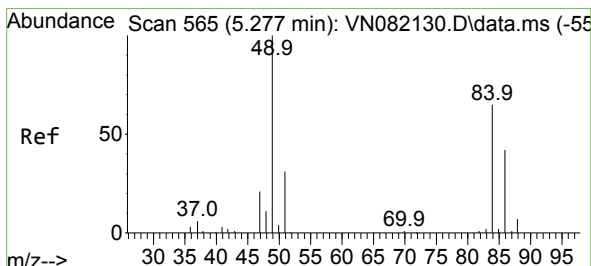
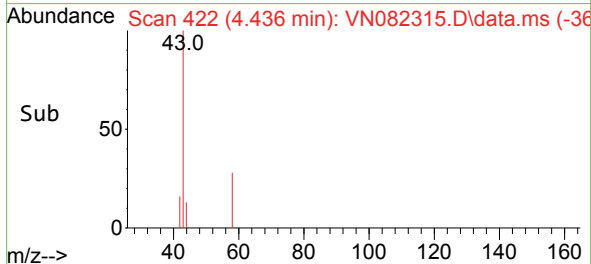
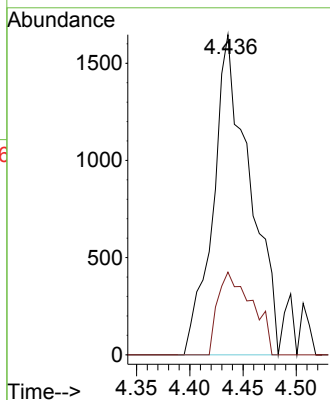
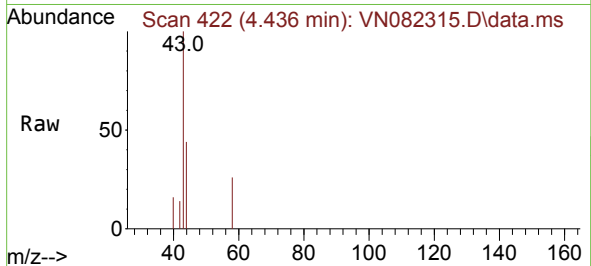




#16
Acetone
Concen: 3.903 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

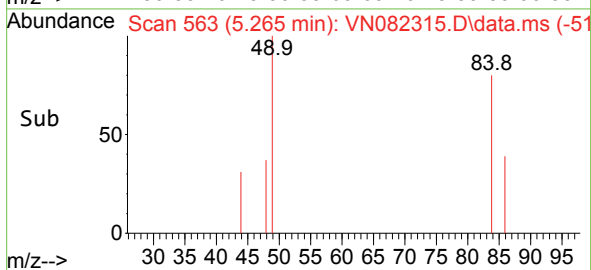
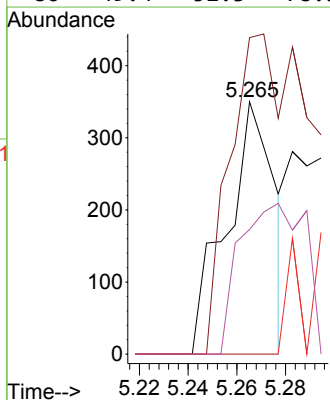
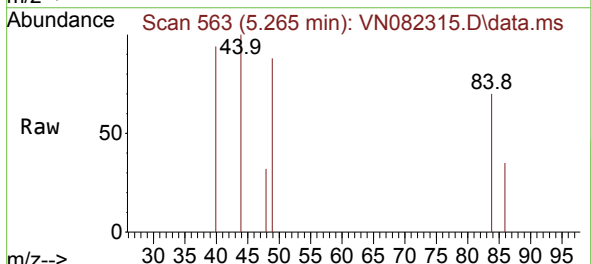
Instrument :
MSVOA_N
ClientSampleId :

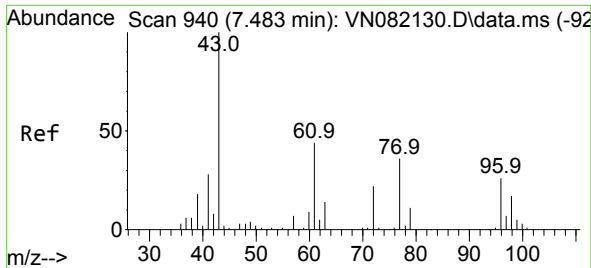
Tgt Ion: 43 Resp: 3926
Ion Ratio Lower Upper
43 100
58 25.8 25.2 37.8



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

Tgt Ion: 84 Resp: 476
Ion Ratio Lower Upper
84 100
49 125.4 84.9 127.3
51 0.0 27.0 40.6#
86 49.4 52.3 78.5#

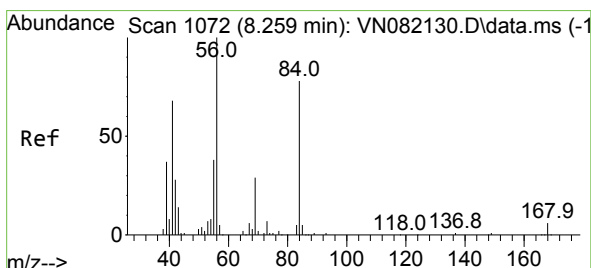
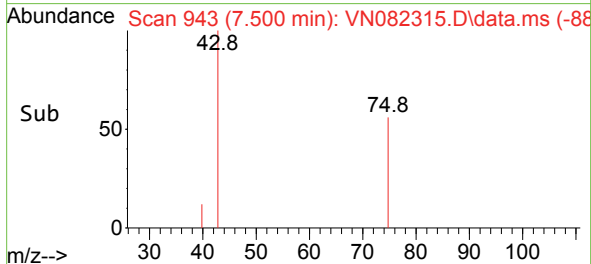
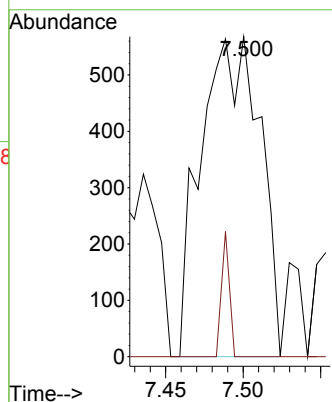
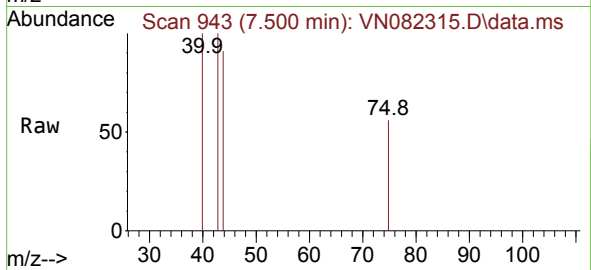




#25
2-Butanone
Concen: 0.987 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

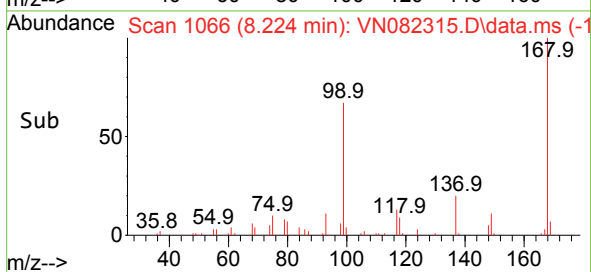
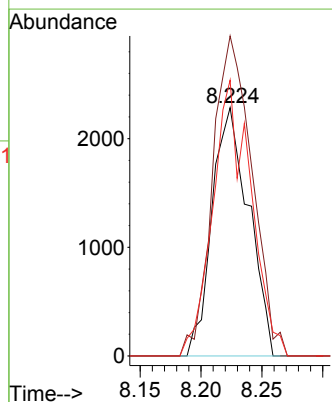
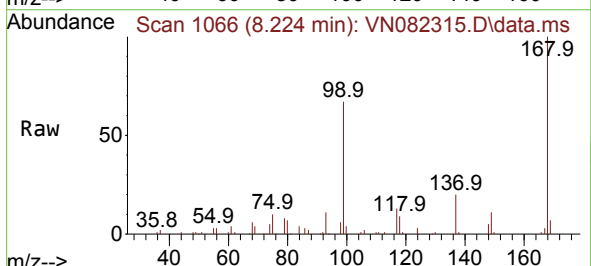
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

Tgt Ion: 56 Resp: 4778
Ion Ratio Lower Upper
56 100
69 128.9 24.4 36.6#
84 111.1 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 54.345 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082315.D

Acq: 23 May 2024 12:40

Instrument :

MSVOA_N

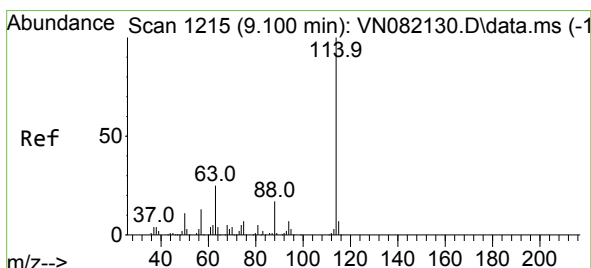
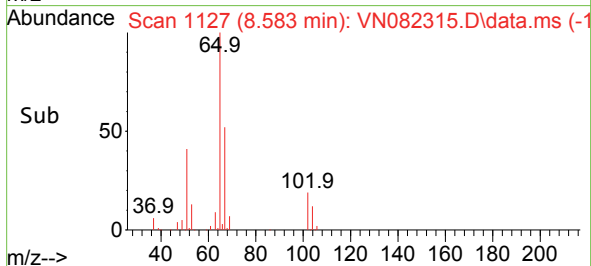
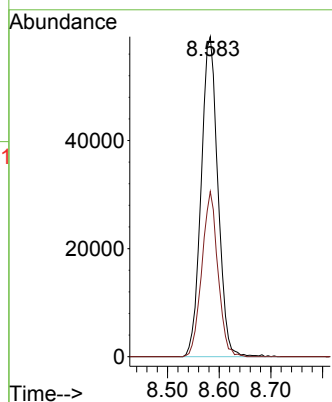
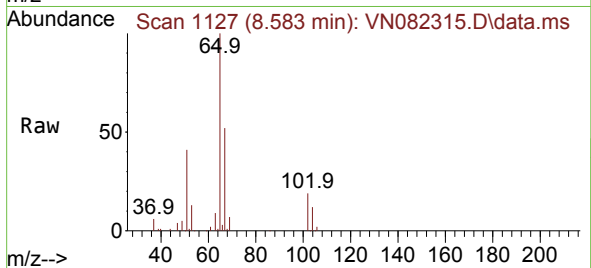
ClientSampleId :

Tgt Ion: 65 Resp: 133271

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082315.D

Acq: 23 May 2024 12:40

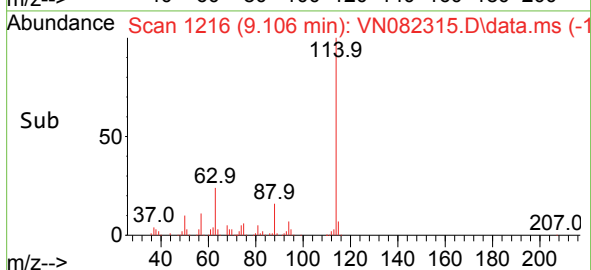
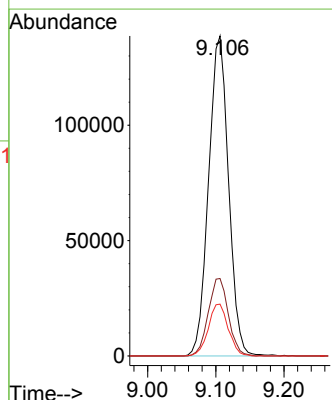
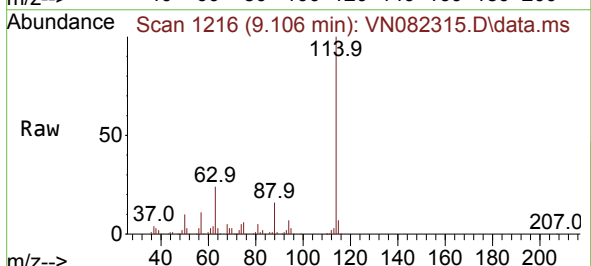
Tgt Ion: 114 Resp: 282467

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

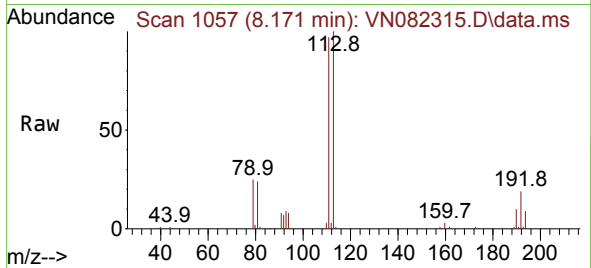
88 16.2 0.0 31.4



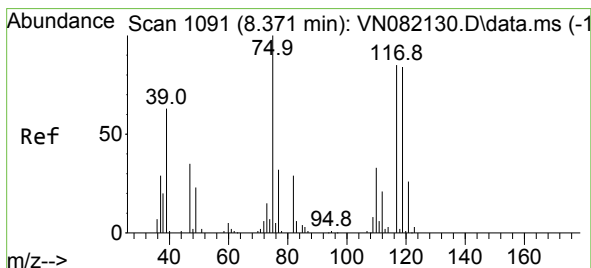
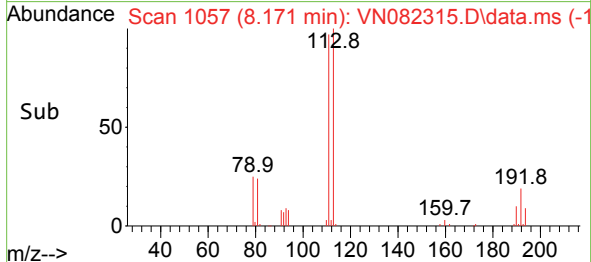
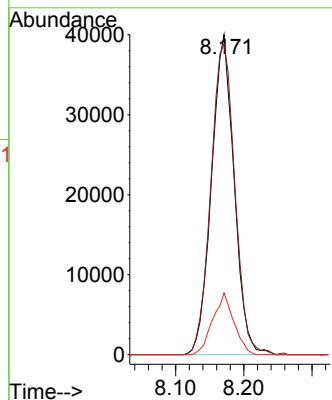


#35
Dibromofluoromethane
Concen: 53.178 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

Instrument :
MSVOA_N
ClientSampleId :

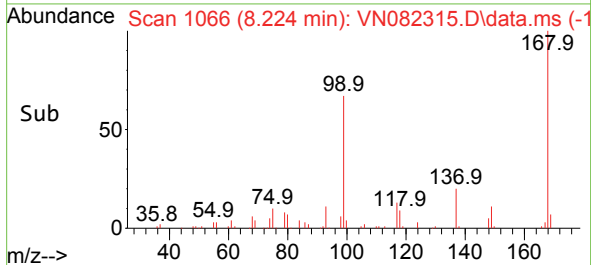
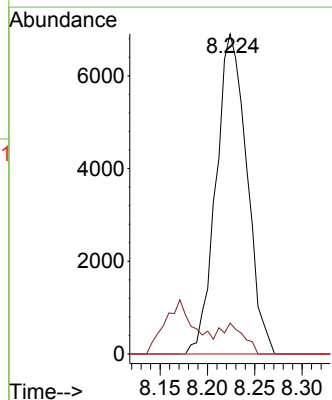
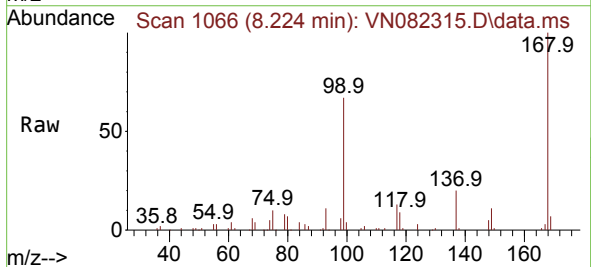


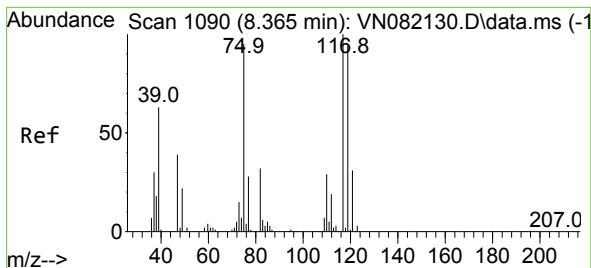
Tgt Ion: 113 Resp: 92402
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 18.0 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.346 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

Tgt Ion: 75 Resp: 15581
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.913 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

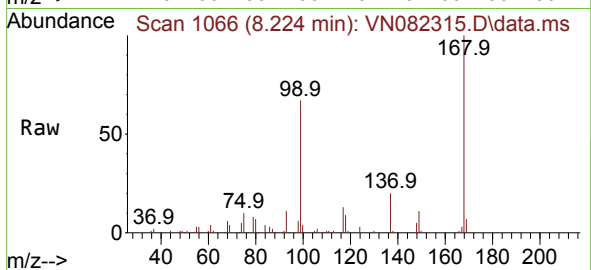
Lab File: VN082315.D

Acq: 23 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :



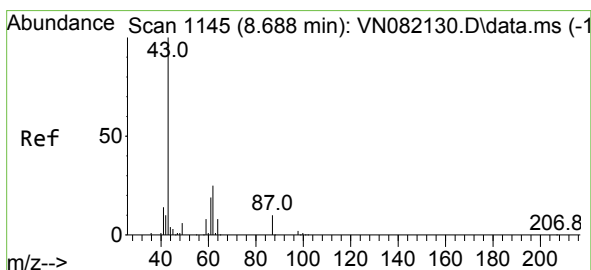
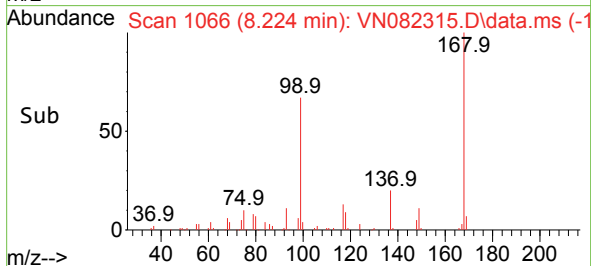
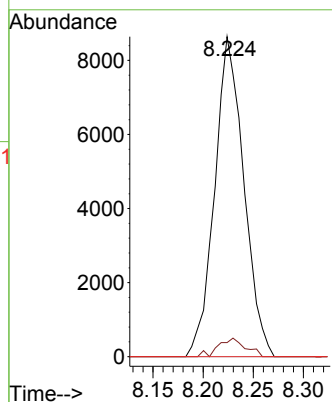
Tgt Ion:117 Resp: 17467

Ion Ratio Lower Upper

117 100

119 4.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 2.162 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082315.D

Acq: 23 May 2024 12:40

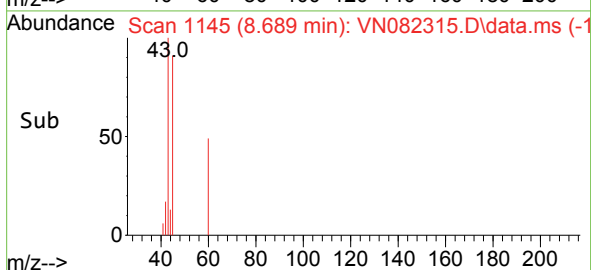
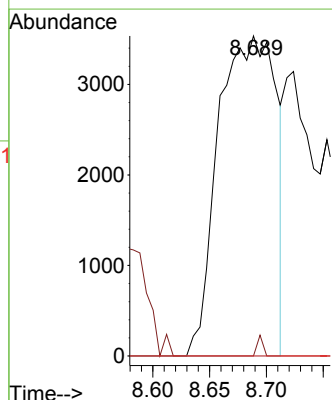
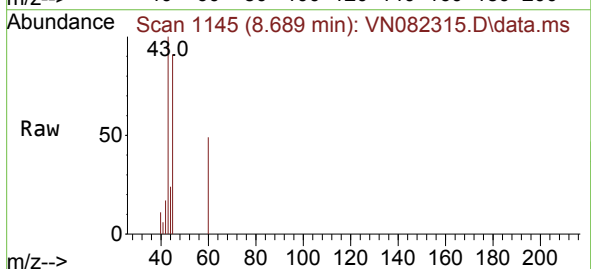
Tgt Ion: 43 Resp: 12493

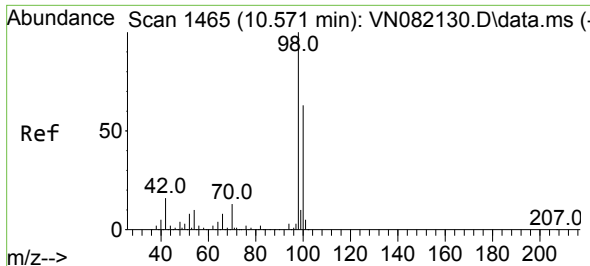
Ion Ratio Lower Upper

43 100

61 0.6 22.8 34.2#

87 0.0 12.0 18.0#

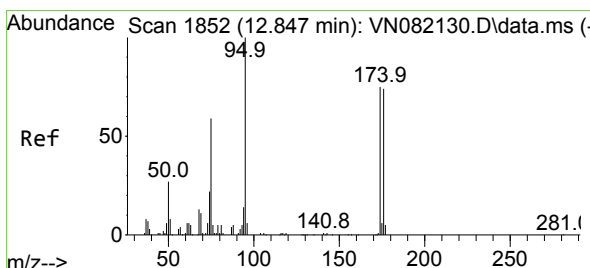
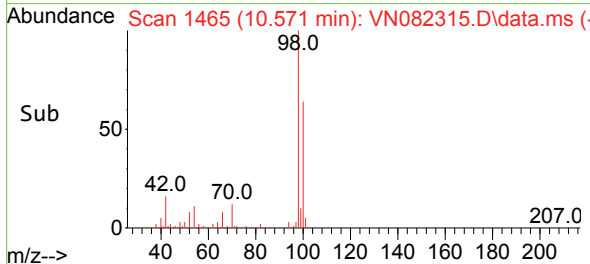
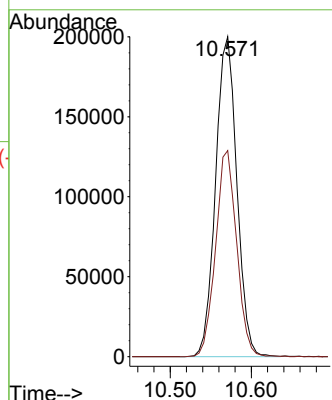
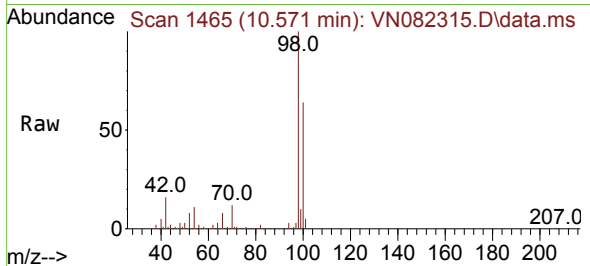




#50
Toluene-d8
Concen: 54.661 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

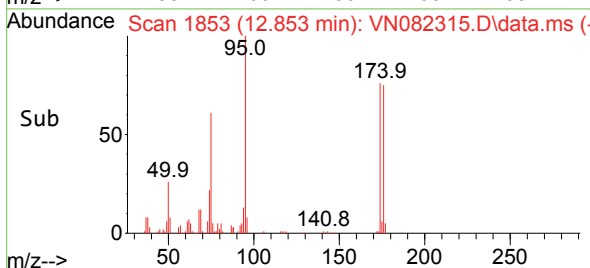
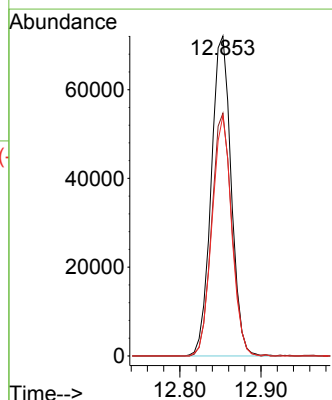
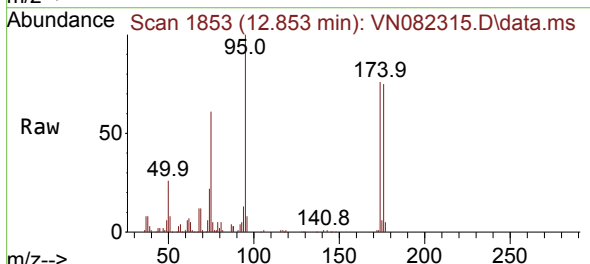
Instrument :
MSVOA_N
ClientSampleId :

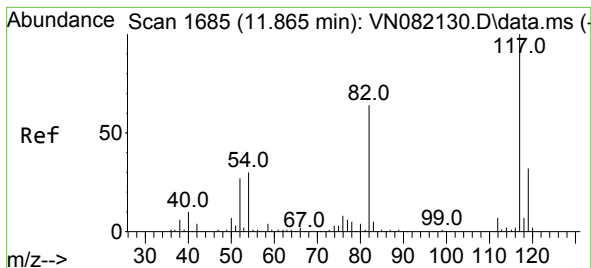
Tgt Ion: 98 Resp: 364143
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.702 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082315.D
Acq: 23 May 2024 12:40

Tgt Ion: 95 Resp: 122936
Ion Ratio Lower Upper
95 100
174 76.4 0.0 160.6
176 73.9 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082315.D

Acq: 23 May 2024 12:40

Instrument :

MSVOA_N

ClientSampleId :

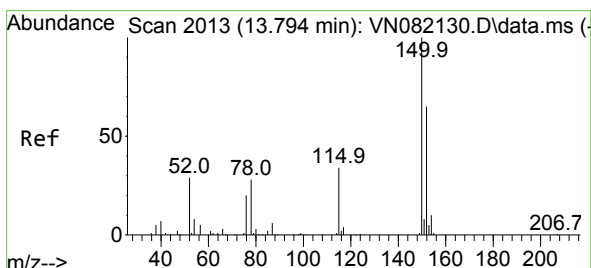
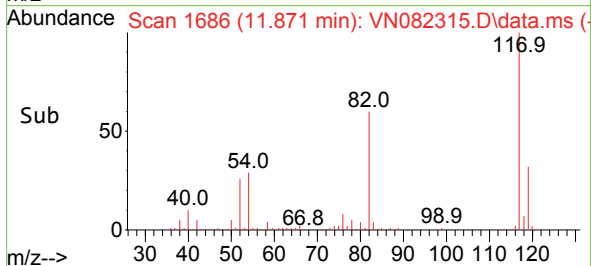
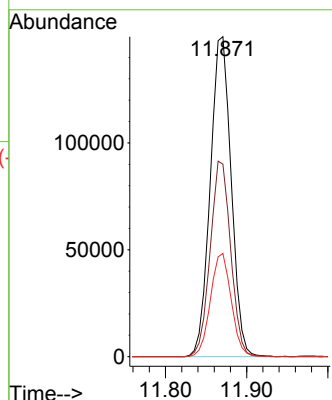
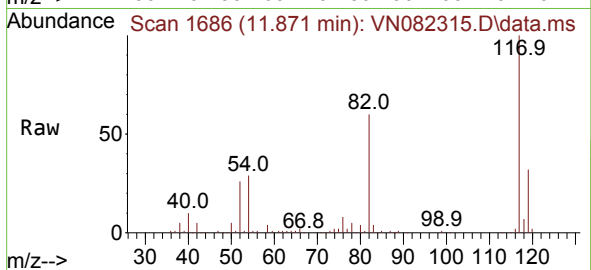
Tgt Ion:117 Resp: 268239

Ion Ratio Lower Upper

117 100

82 60.2 44.6 66.8

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082315.D

Acq: 23 May 2024 12:40

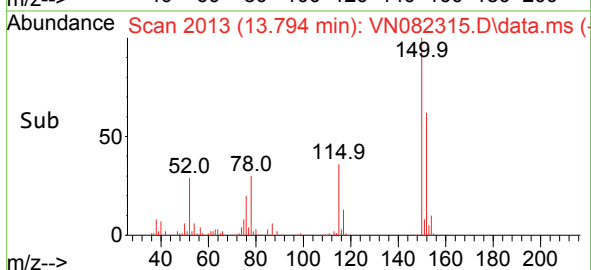
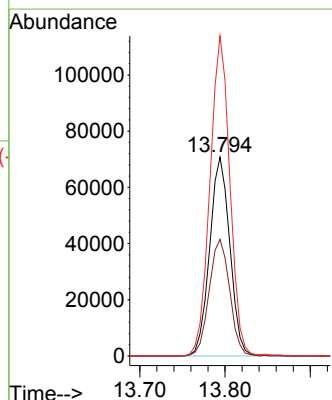
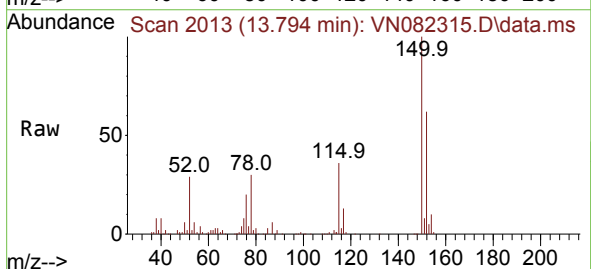
Tgt Ion:152 Resp: 116327

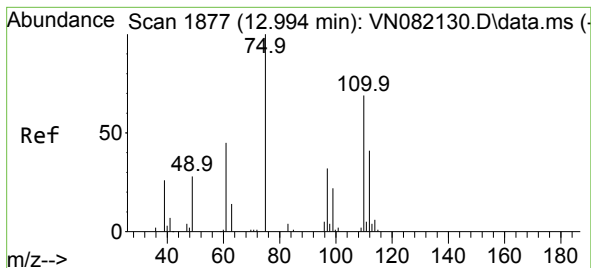
Ion Ratio Lower Upper

152 100

115 59.6 30.4 91.3

150 159.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 29.953 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082315.D

Acq: 23 May 2024 12:40

Instrument :

MSVOA_N

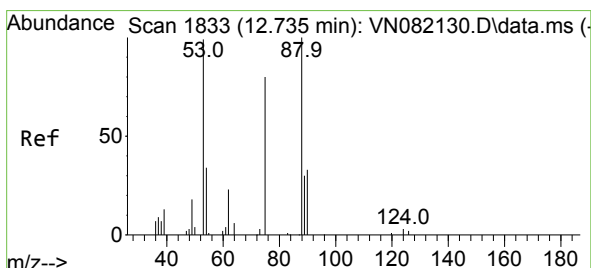
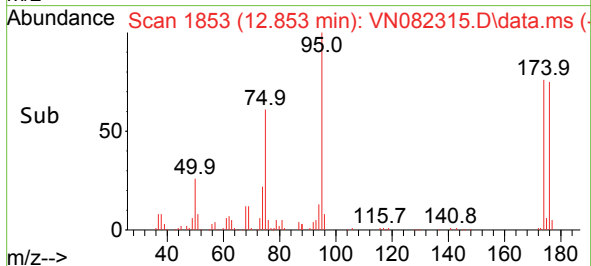
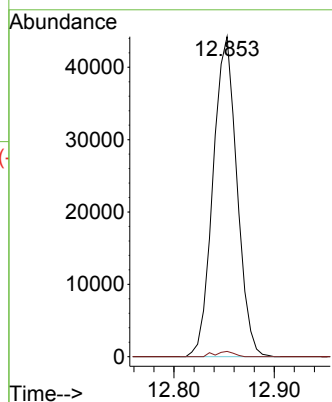
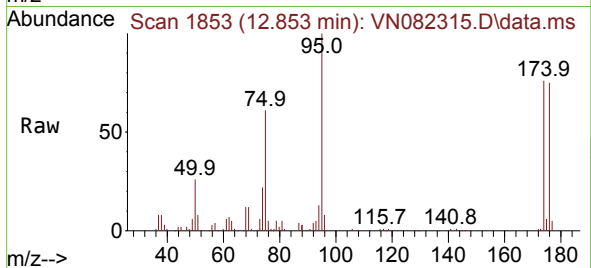
ClientSampleId :

Tgt Ion: 75 Resp: 73337

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.059 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082315.D

Acq: 23 May 2024 12:40

Tgt Ion: 75 Resp: 73337

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

