

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082284.D
 Acq On : 22 May 2024 11:23
 Operator : JC\MD
 Sample : VN0522WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 23 01:49:03 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)

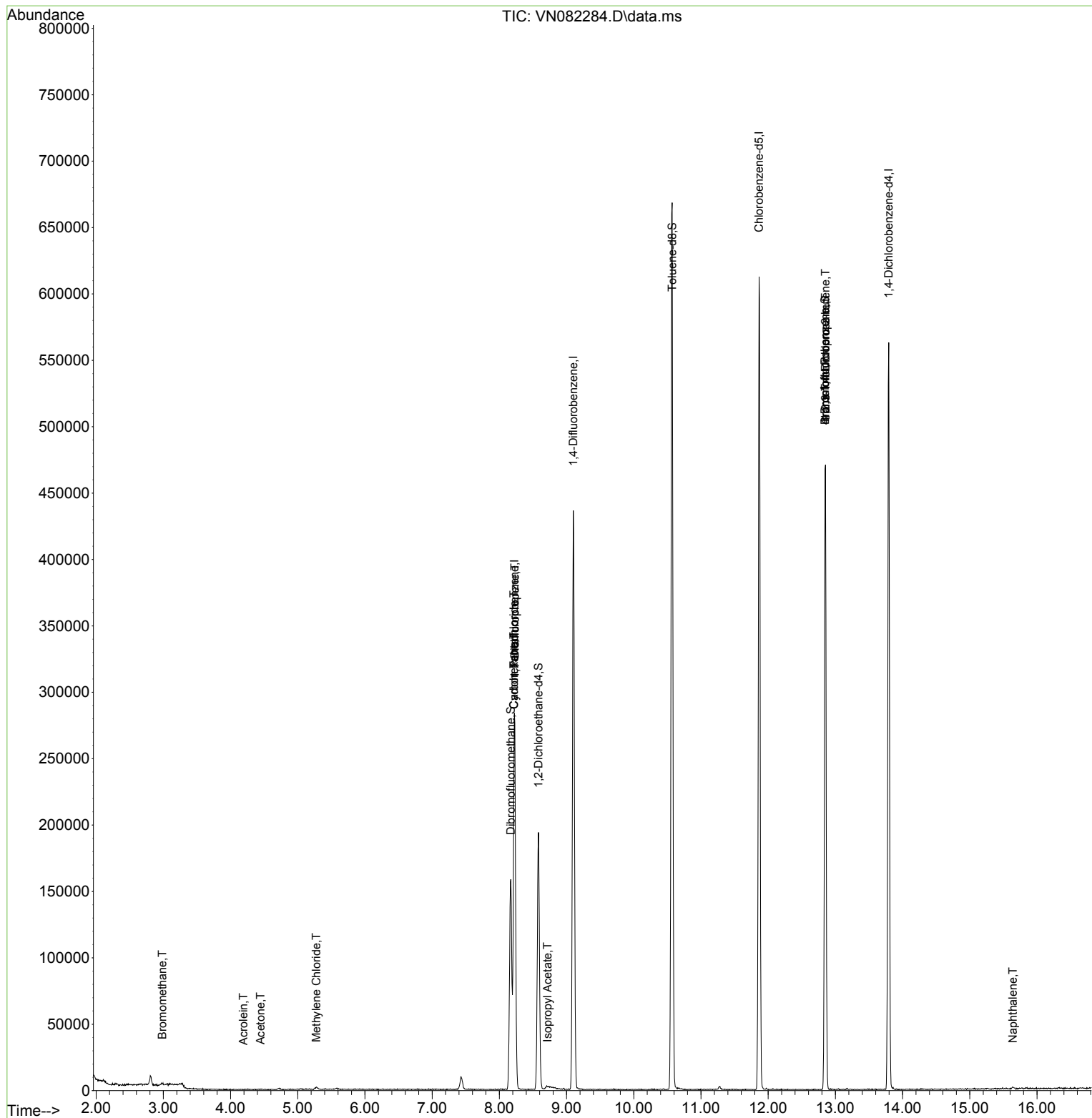
Internal Standards						
1) Pentafluorobenzene	8.224	168	198692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159143	50.725	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.440%		
35) Dibromofluoromethane	8.171	113	112060	52.639	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.280%		
50) Toluene-d8	10.571	98	435215	53.323	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.640%		
62) 4-Bromofluorobenzene	12.847	95	156868	53.848	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 107.700%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	742	0.423	ug/l	90
13) Acrolein	4.189	56	174	0.466	ug/l #	15
16) Acetone	4.447	43	794	0.617	ug/l #	43
20) Methylene Chloride	5.277	84	872	0.336	ug/l #	47
31) Cyclohexane	8.218	56	6252	1.248	ug/l #	55
36) 1,1-Dichloropropene	8.230	75	18665	5.228	ug/l #	48
38) Carbon Tetrachloride	8.218	117	21540	5.951	ug/l #	15
43) Isopropyl Acetate	8.718	43	2847	0.402	ug/l #	52
71) Bromoform	12.847	173	524	0.973	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	89686	30.280	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	89686	70.823	ug/l #	12
95) Naphthalene	15.641	128	1905	0.237	ug/l #	74

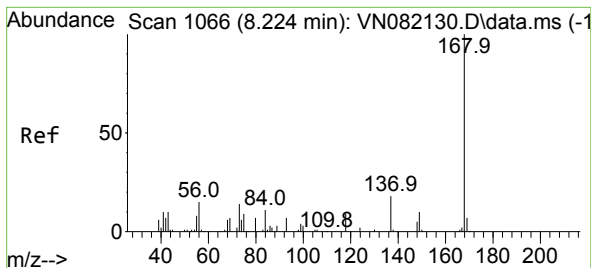
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082284.D

Acq: 22 May 2024 11:23

Instrument :

MSVOA_N

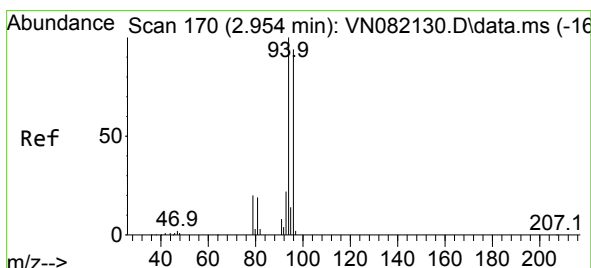
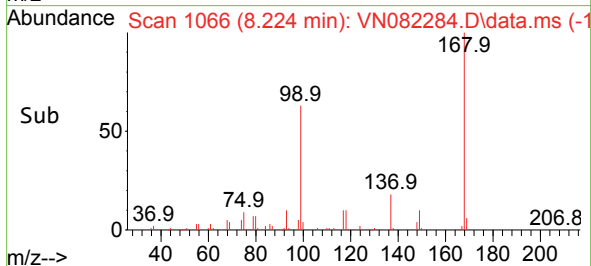
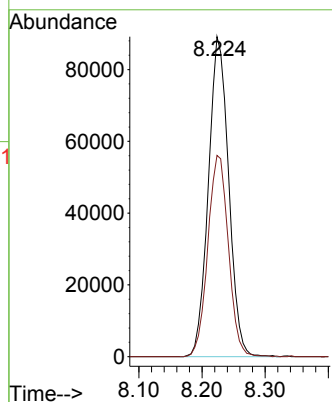
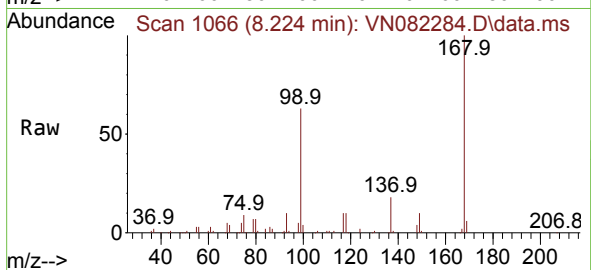
ClientSampleId :

Tgt Ion:168 Resp: 198692

Ion Ratio Lower Upper

168 100

99 62.9 48.2 72.4



#5

Bromomethane

Concen: 0.423 ug/l

RT: 2.983 min Scan# 175

Delta R.T. 0.029 min

Lab File: VN082284.D

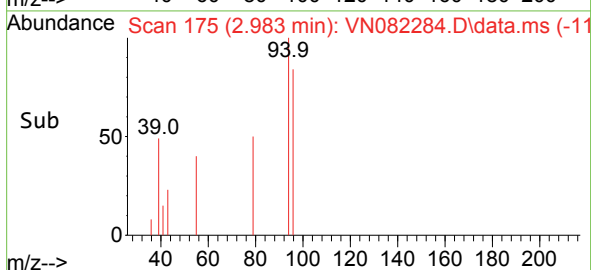
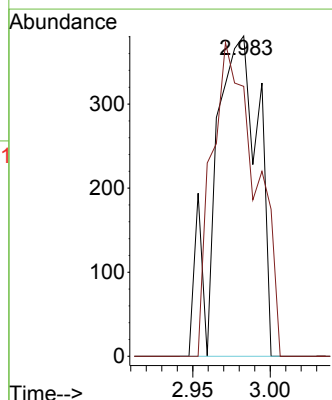
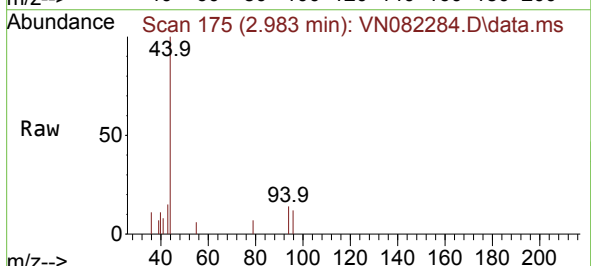
Acq: 22 May 2024 11:23

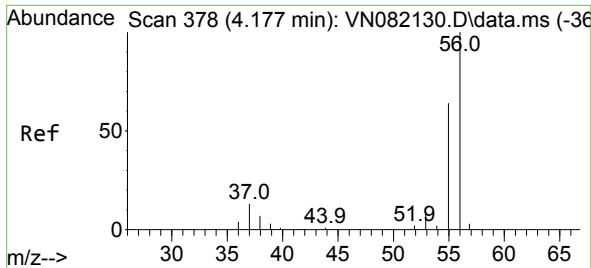
Tgt Ion: 94 Resp: 742

Ion Ratio Lower Upper

94 100

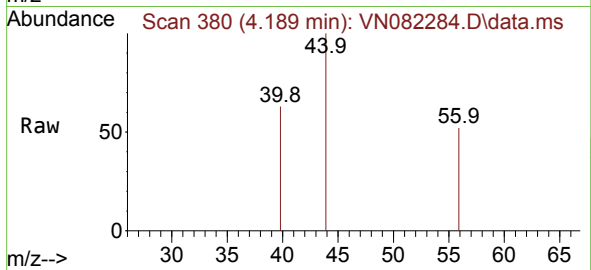
96 84.3 74.8 112.2



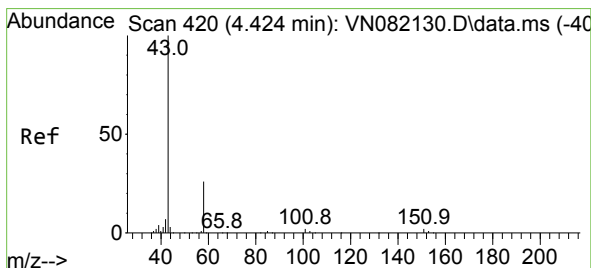
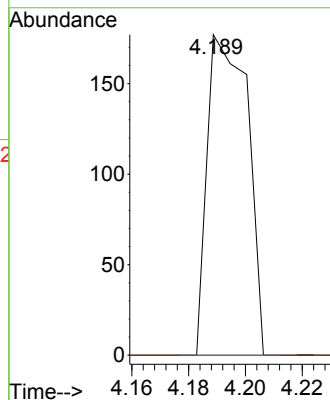


#13
Acrolein
Concen: 0.466 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :

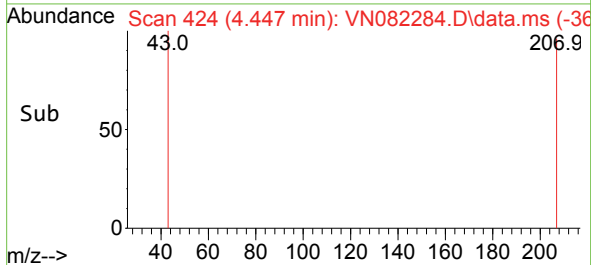
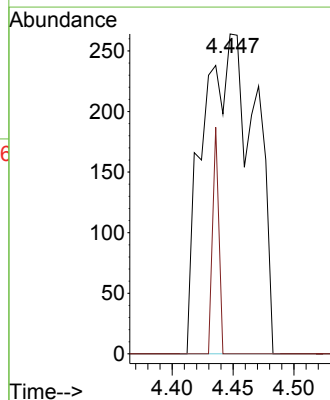
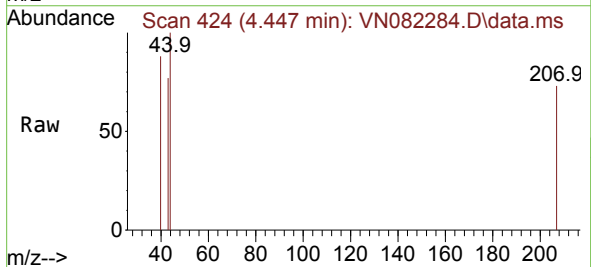


Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 0.617 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

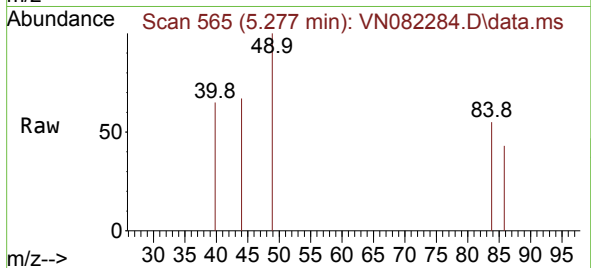
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#





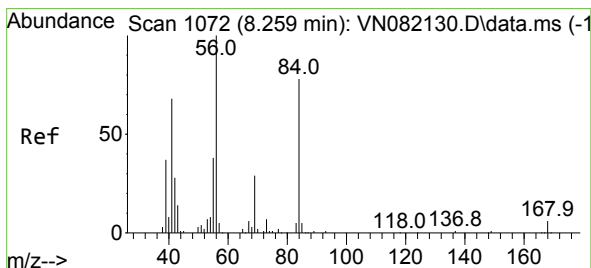
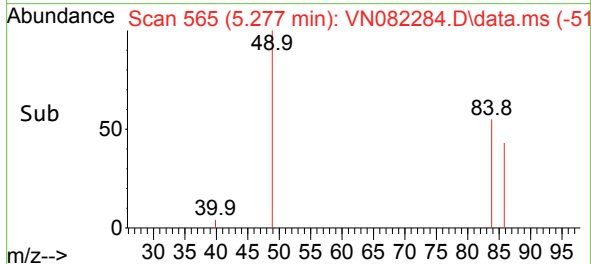
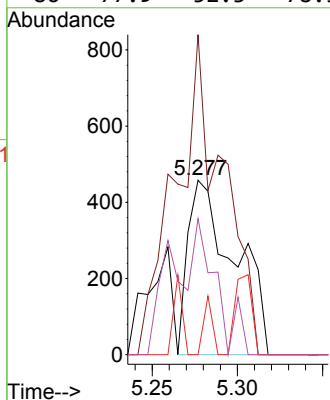
#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 872

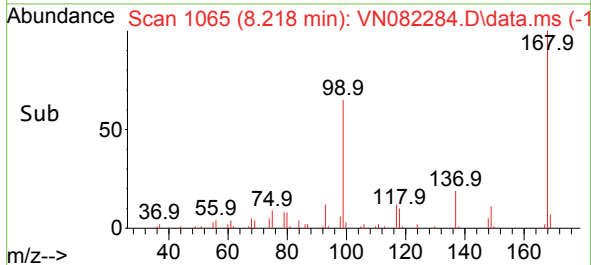
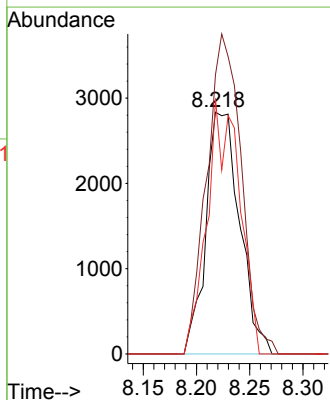
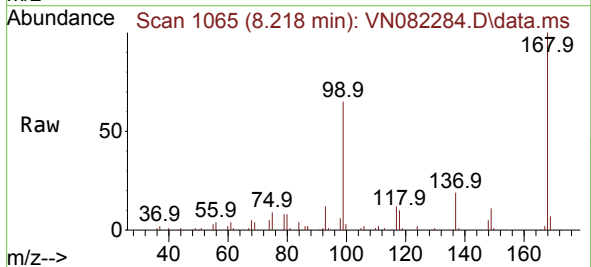
Ion	Ratio	Lower	Upper
84	100		
49	183.4	84.9	127.3#
51	0.0	27.0	40.6#
86	77.9	52.3	78.5



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

Tgt Ion: 56 Resp: 6252

Ion	Ratio	Lower	Upper
56	100		
69	115.5	24.4	36.6#
84	105.6	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 50.725 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082284.D

Acq: 22 May 2024 11:23

Instrument :

MSVOA_N

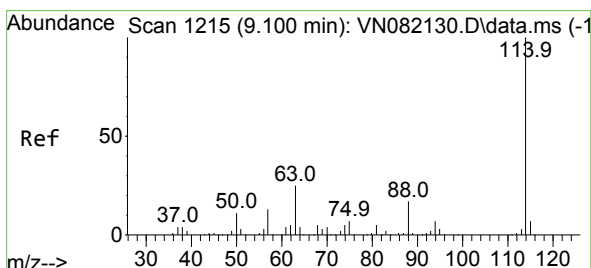
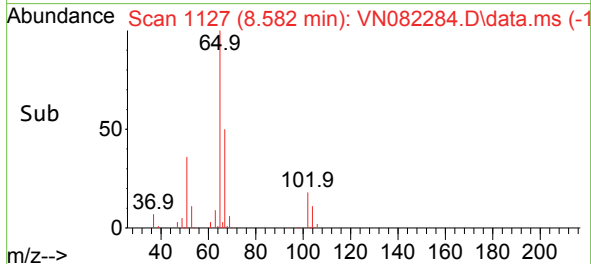
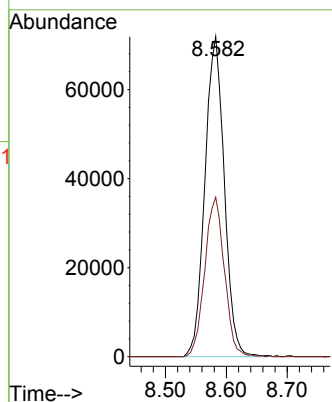
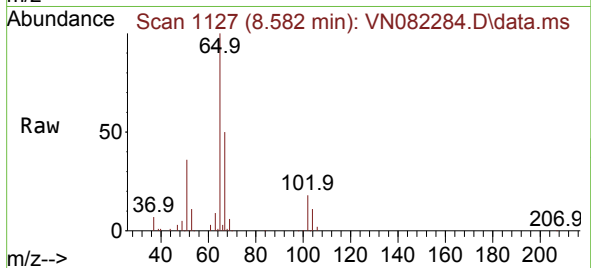
ClientSampleId :

Tgt Ion: 65 Resp: 159143

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082284.D

Acq: 22 May 2024 11:23

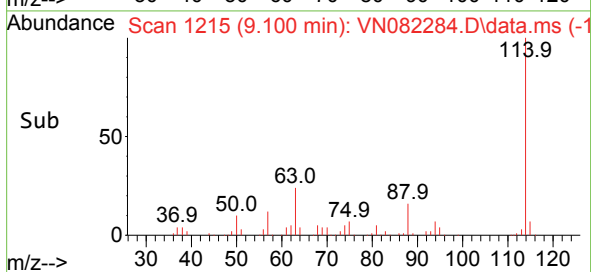
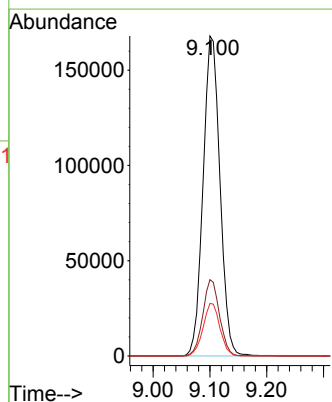
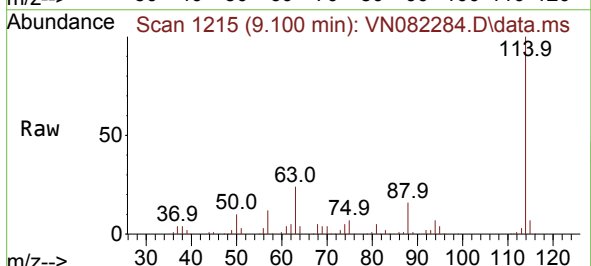
Tgt Ion: 114 Resp: 346066

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.639 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

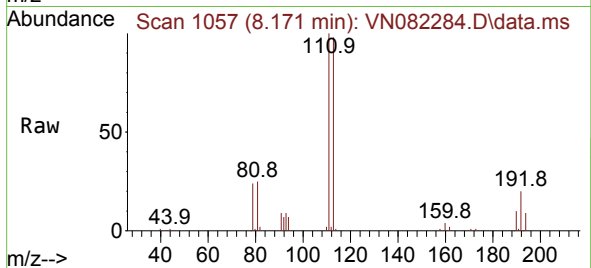
Lab File: VN082284.D

Acq: 22 May 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :



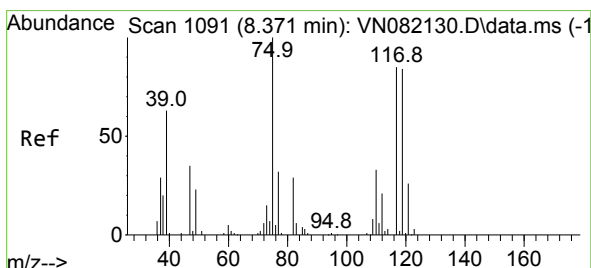
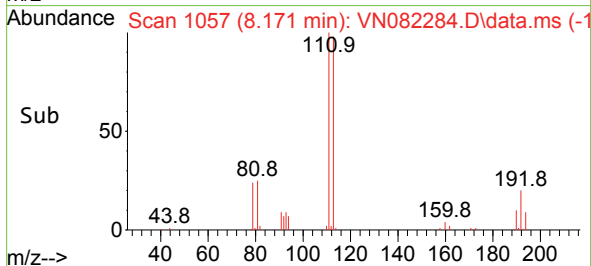
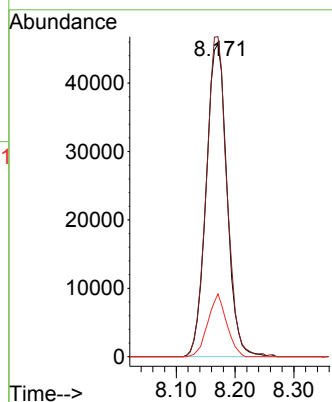
Tgt Ion:113 Resp: 112060

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

192 18.1 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.228 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082284.D

Acq: 22 May 2024 11:23

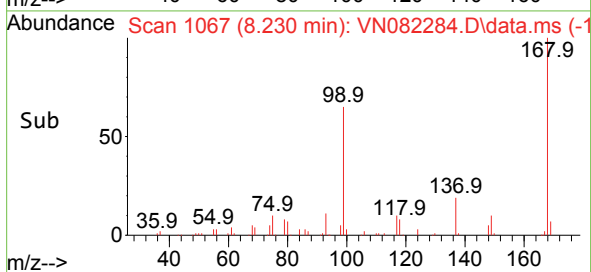
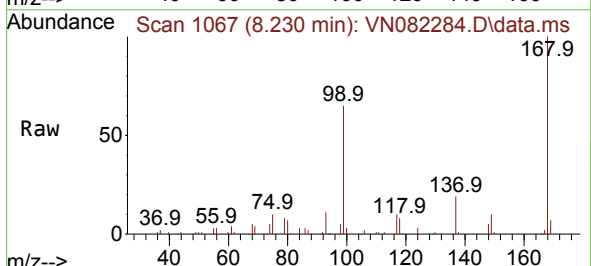
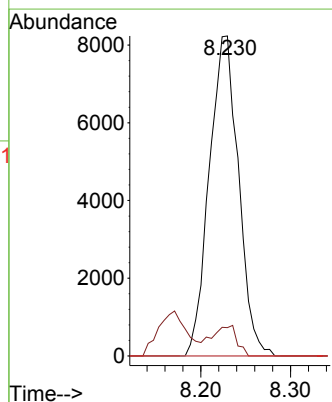
Tgt Ion: 75 Resp: 18665

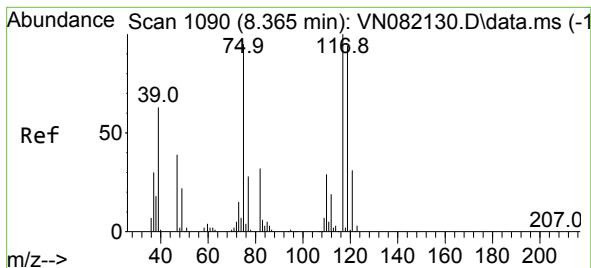
Ion Ratio Lower Upper

75 100

110 8.1 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.951 ug/l

RT: 8.218 min Scan# 1150

Delta R.T. -0.147 min

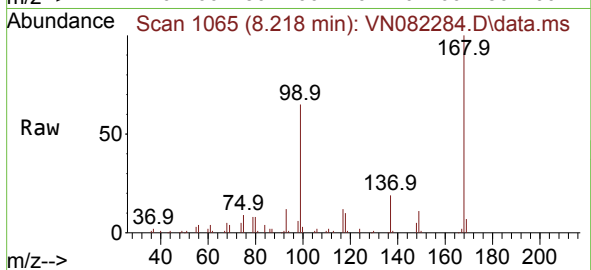
Lab File: VN082284.D

Acq: 22 May 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :



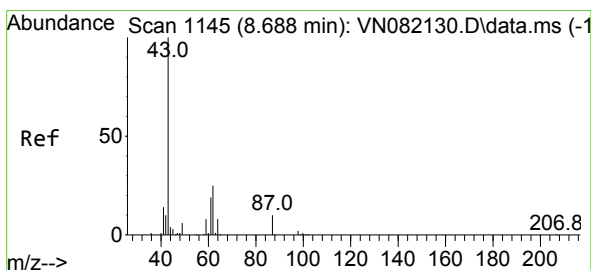
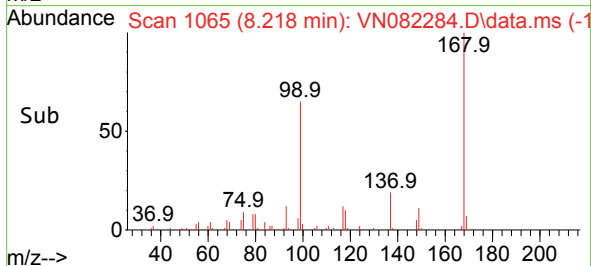
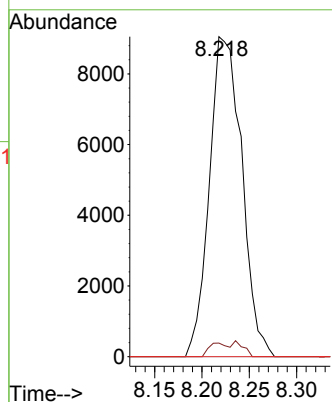
Tgt Ion:117 Resp: 21540

Ion Ratio Lower Upper

117 100

119 4.3 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.402 ug/l

RT: 8.718 min Scan# 1150

Delta R.T. 0.029 min

Lab File: VN082284.D

Acq: 22 May 2024 11:23

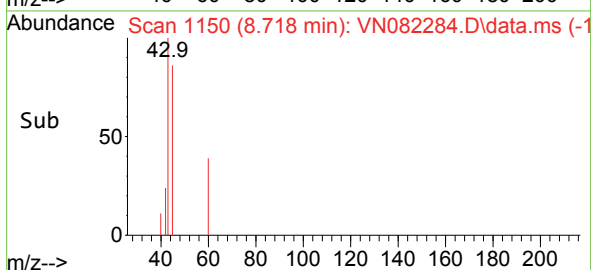
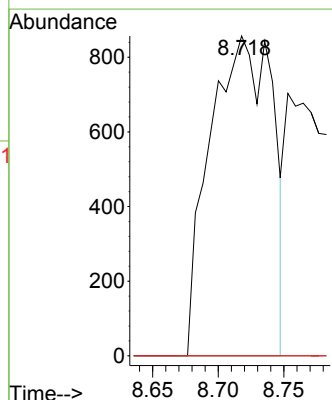
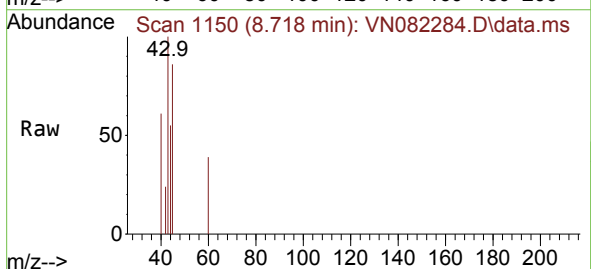
Tgt Ion: 43 Resp: 2847

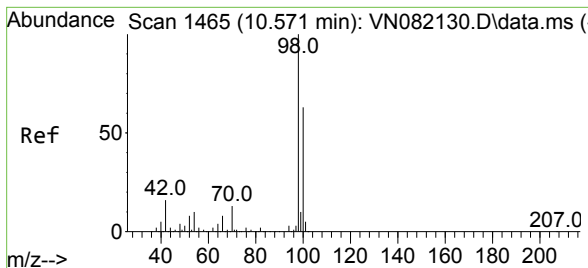
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

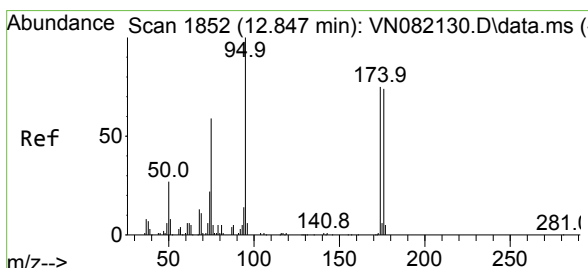
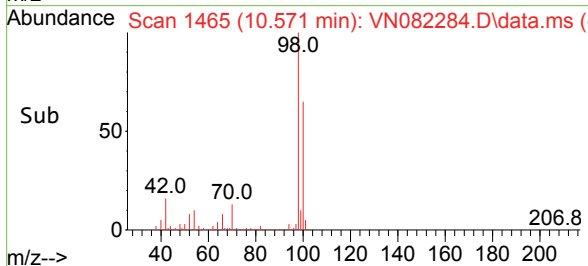
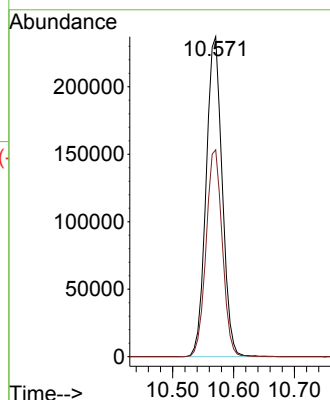
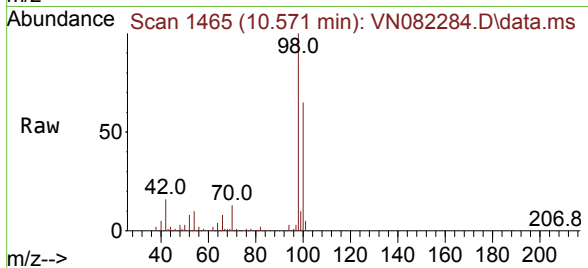




#50
Toluene-d8
Concen: 53.323 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

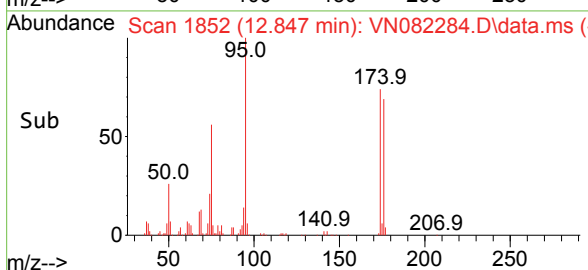
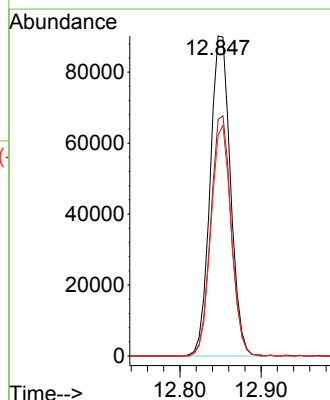
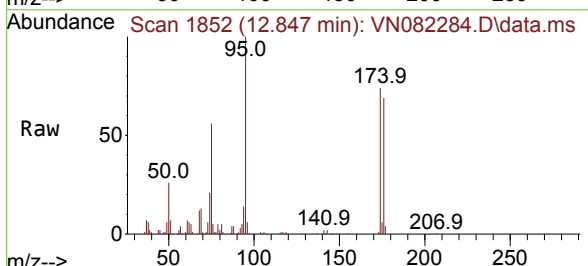
Instrument :
MSVOA_N
ClientSampleId :

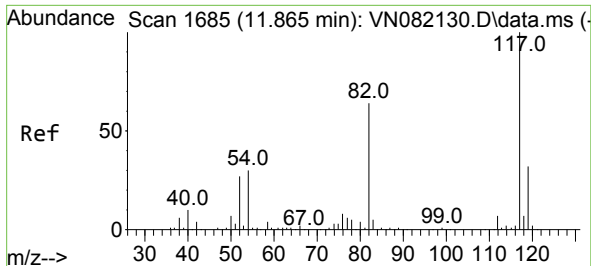
Tgt Ion: 98 Resp: 435215
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.848 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

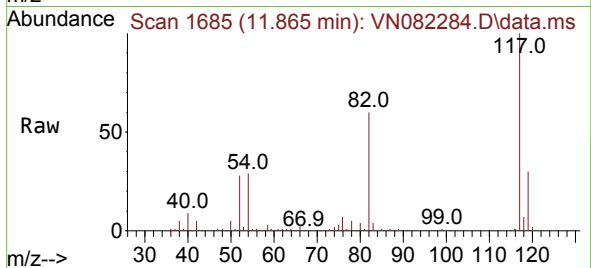
Tgt Ion: 95 Resp: 156868
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 71.6 0.0 152.8



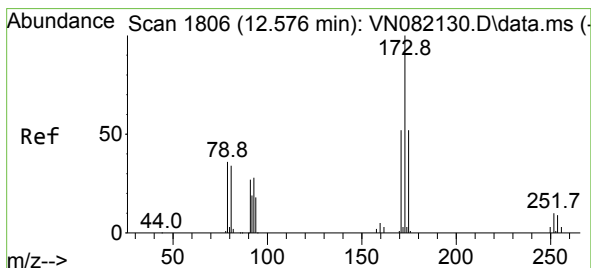
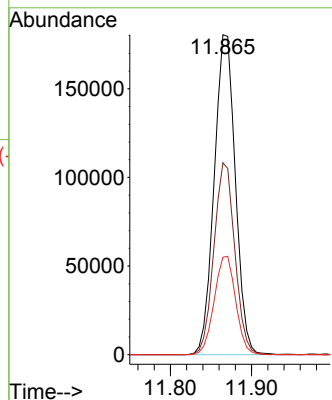
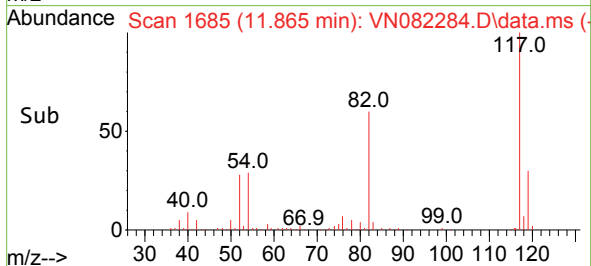


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

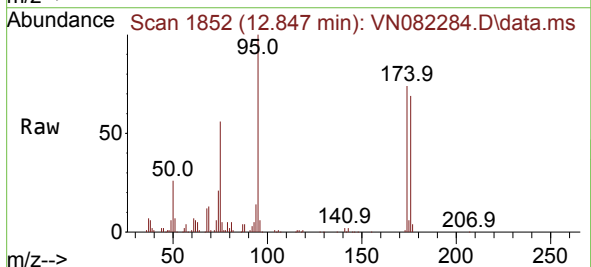
Instrument :
MSVOA_N
ClientSampleId :



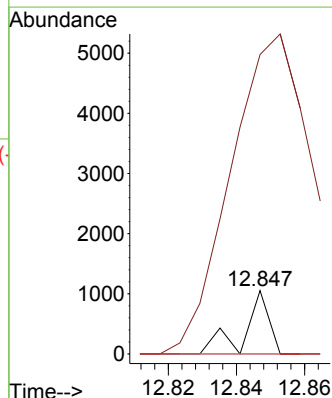
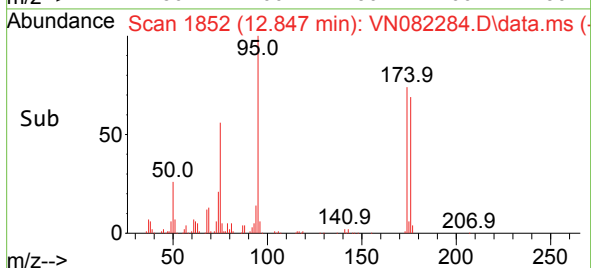
Tgt Ion:117 Resp: 327767
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 30.5 25.9 38.9

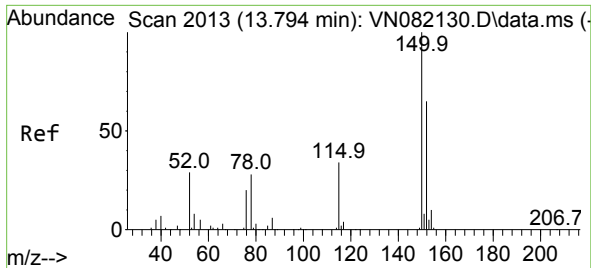


#71
Bromoform
Concen: 0.973 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23



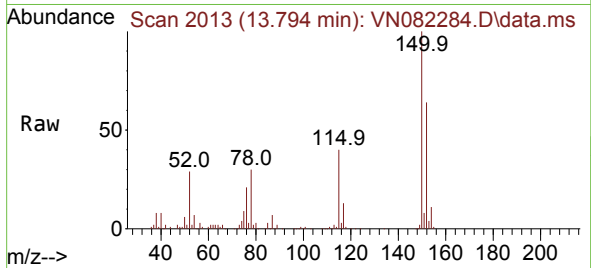
Tgt Ion:173 Resp: 524
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



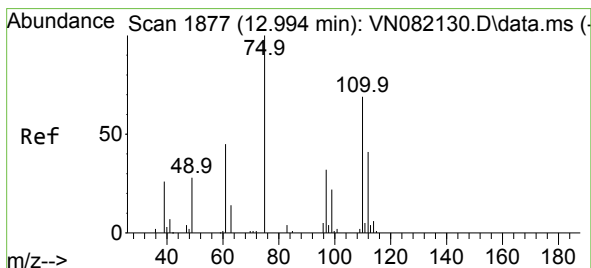
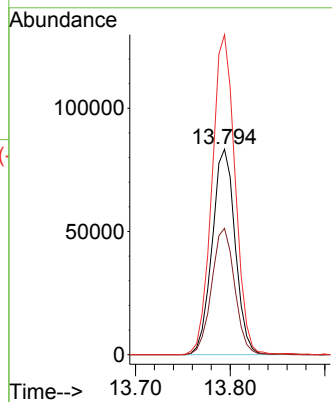
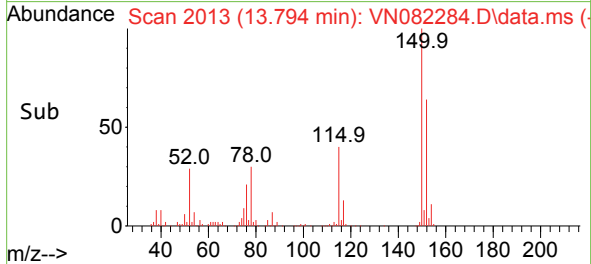


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082284.D
 Acq: 22 May 2024 11:23

Instrument :
 MSVOA_N
 ClientSampleId :

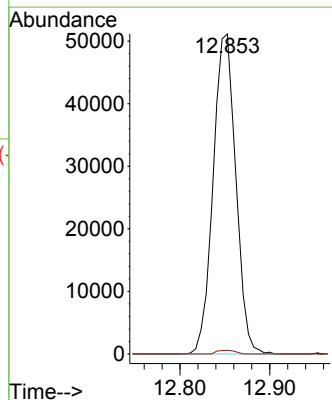
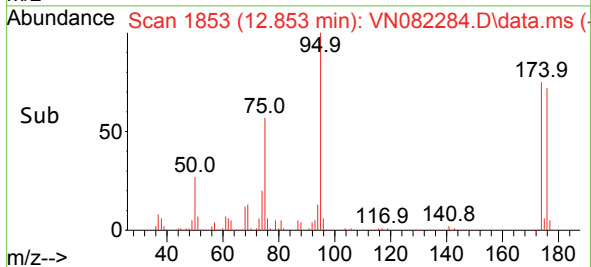
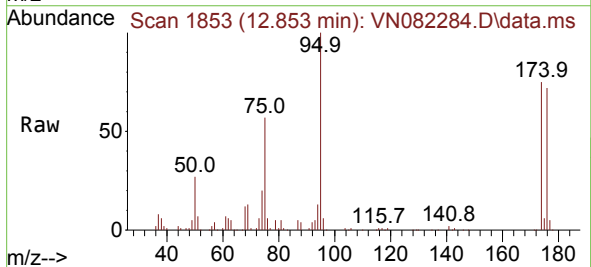


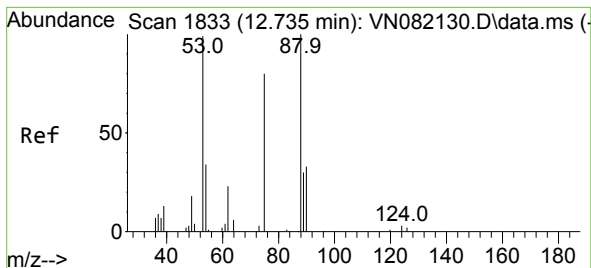
Tgt Ion:152 Resp: 140725
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.4 91.3
 150 156.4 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.280 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082284.D
 Acq: 22 May 2024 11:23

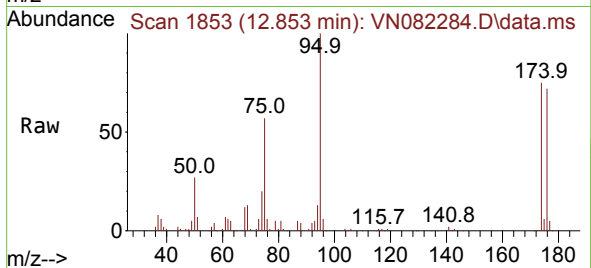
Tgt Ion: 75 Resp: 89686
 Ion Ratio Lower Upper
 75 100
 77 0.9 90.5 271.3#



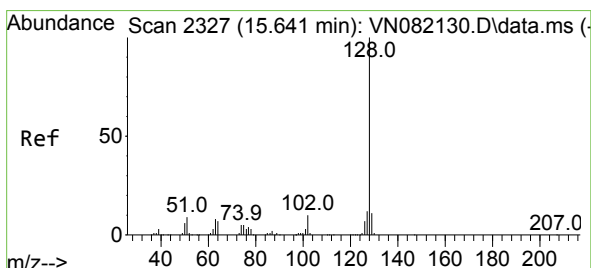
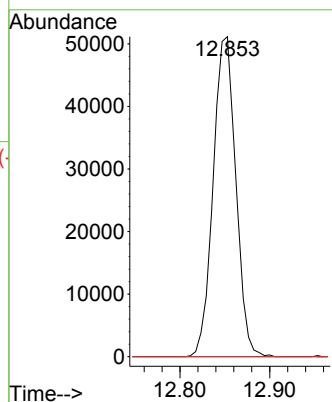
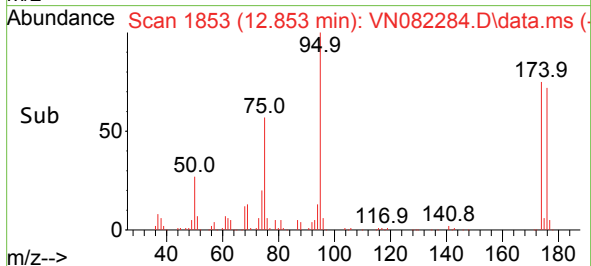


#81
trans-1,4-Dichloro-2-butene
Concen: 70.823 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23

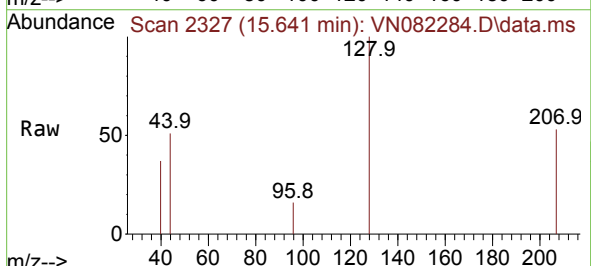
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 89686
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#95
Naphthalene
Concen: 0.237 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082284.D
Acq: 22 May 2024 11:23



Tgt Ion: 128 Resp: 1905
Ion Ratio Lower Upper
128 100
127 0.0 10.1 15.1#
129 3.6 8.9 13.3#

