

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082330.D
 Acq On : 23 May 2024 18:44
 Operator : JC\MD
 Sample : P2582-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 04:22:55 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	206845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	344411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164799	50.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.920%
35) Dibromofluoromethane	8.171	113	117022	51.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.560%
50) Toluene-d8	10.571	98	459502	53.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.853	95	168546	54.503	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	109.000%

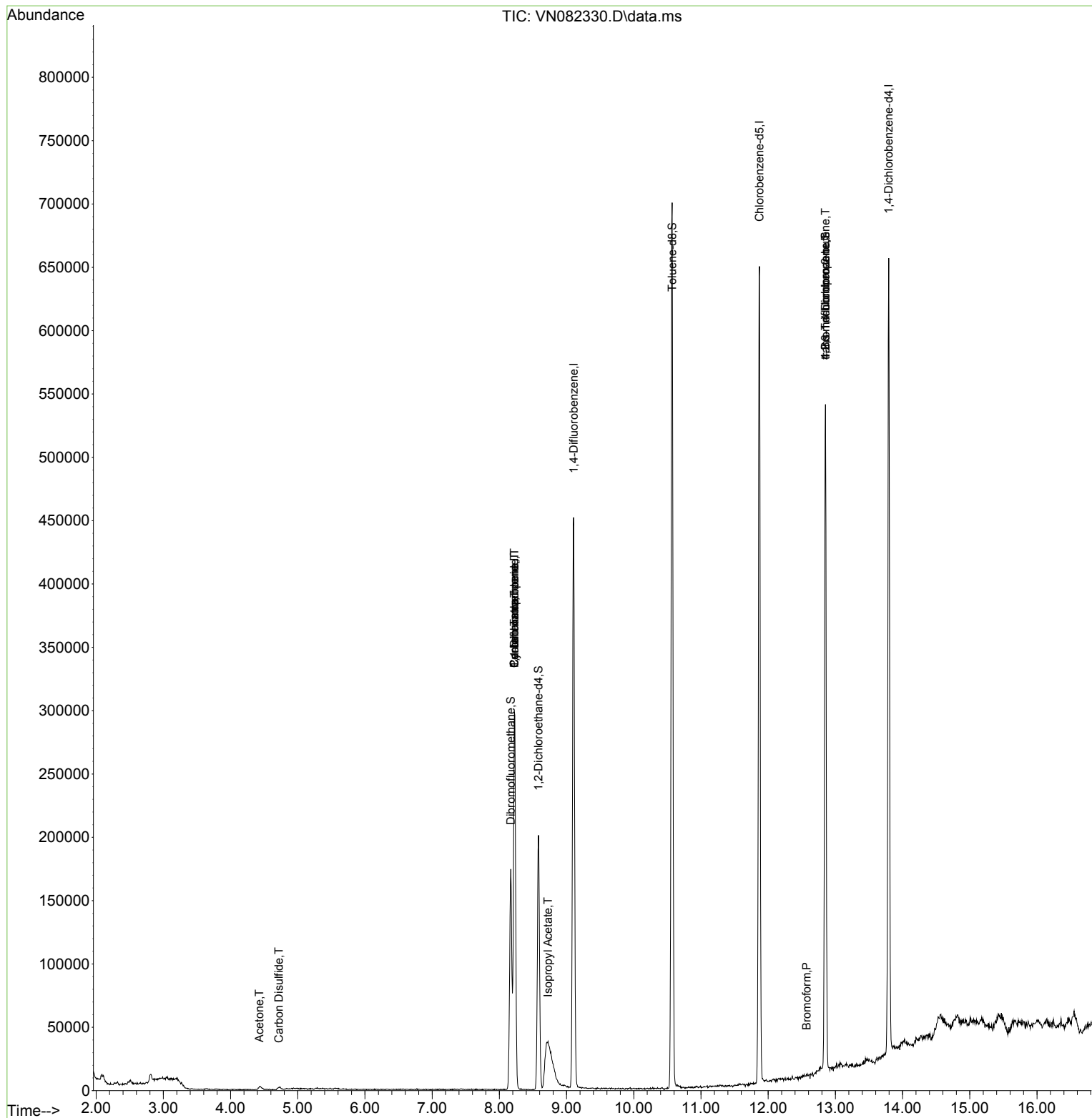
Target Compounds					Qvalue	
16) Acetone	4.430	43	5670	4.232	ug/l #	82
17) Carbon Disulfide	4.718	76	2424	0.332	ug/l #	74
31) Cyclohexane	8.224	56	6216	1.192	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	18984	5.009	ug/l #	49
38) Carbon Tetrachloride	8.224	117	22014	5.730	ug/l #	16
43) Isopropyl Acetate	8.724	43	109118	14.518	ug/l #	53
71) Bromoform	12.570	173	113	0.757	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	100329	30.407	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	100329	71.120	ug/l #	13

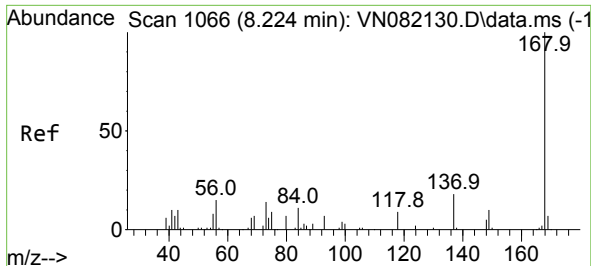
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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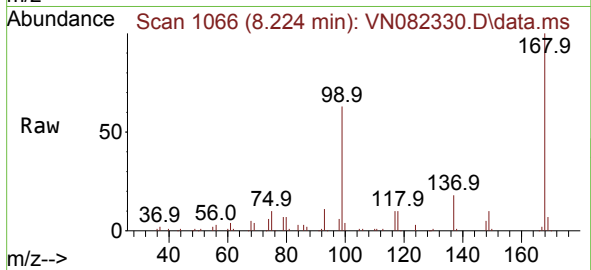
Quant Time: May 24 04:22:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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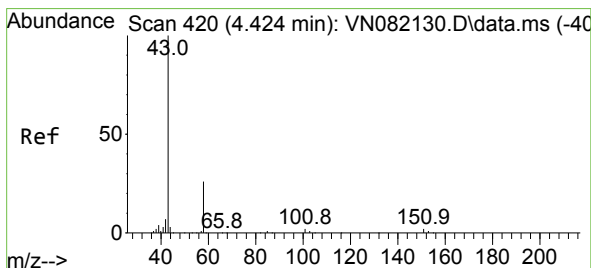
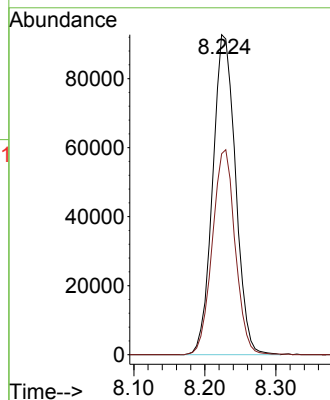
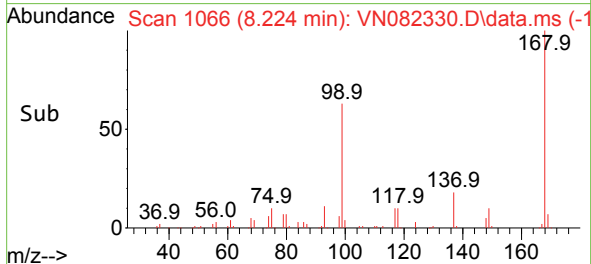


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082330.D
Acq: 23 May 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

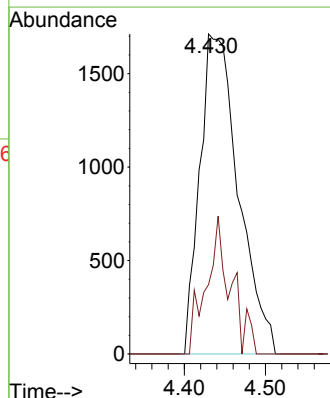
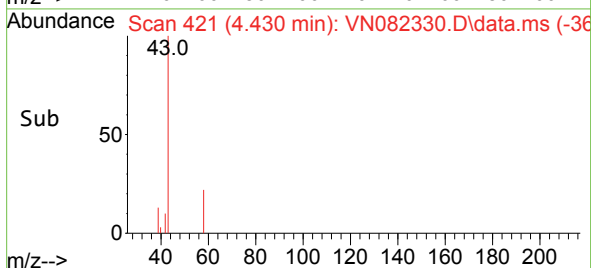
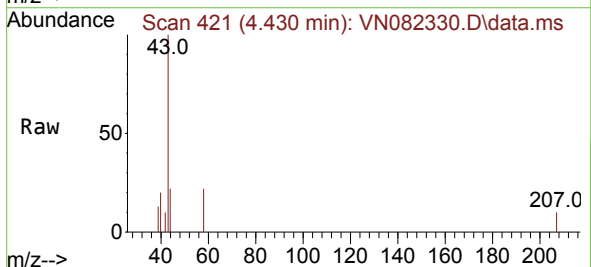


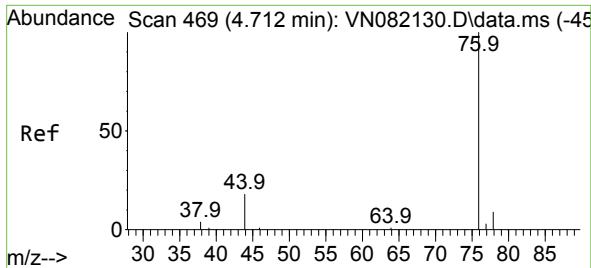
Tgt Ion:168 Resp: 206845
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#16
Acetone
Concen: 4.232 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082330.D
Acq: 23 May 2024 18:44

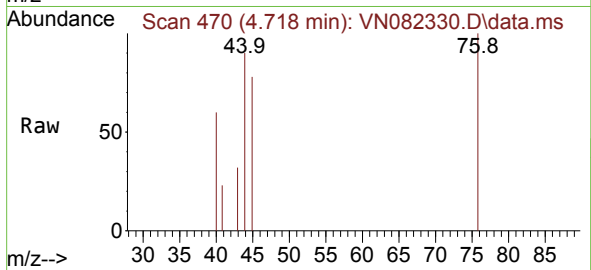
Tgt Ion: 43 Resp: 5670
Ion Ratio Lower Upper
43 100
58 21.7 25.2 37.8#



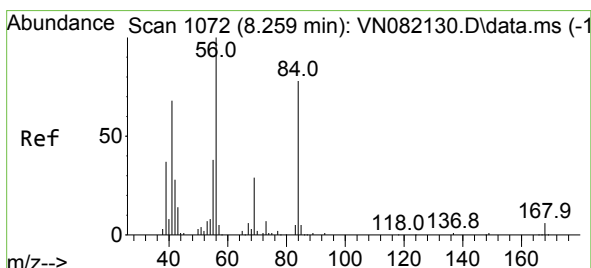
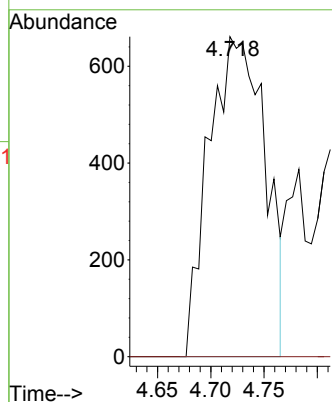
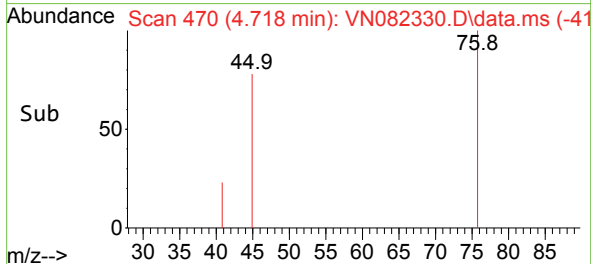


#17
Carbon Disulfide
Concen: 0.332 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082330.D
Acq: 23 May 2024 18:44

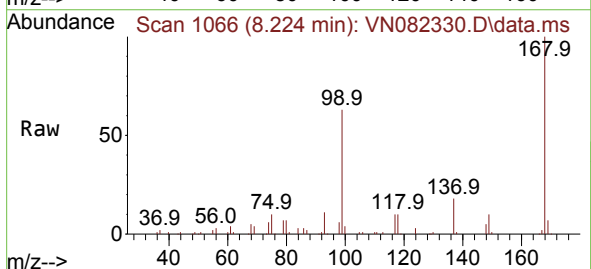
Instrument :
MSVOA_N
ClientSampleId :



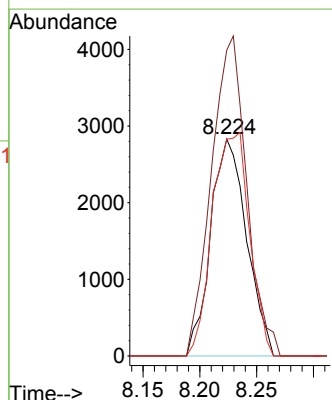
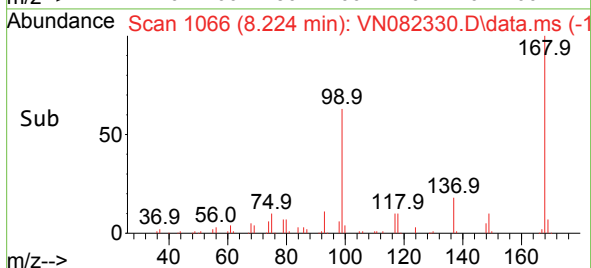
Tgt Ion: 76 Resp: 2424
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

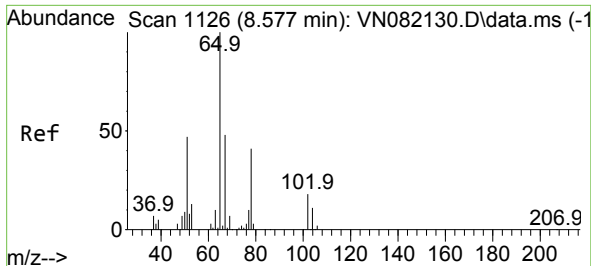


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082330.D
Acq: 23 May 2024 18:44



Tgt Ion: 56 Resp: 6216
Ion Ratio Lower Upper
56 100
69 140.9 24.4 36.6#
84 99.9 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 50.457 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082330.D

Acq: 23 May 2024 18:44

Instrument :

MSVOA_N

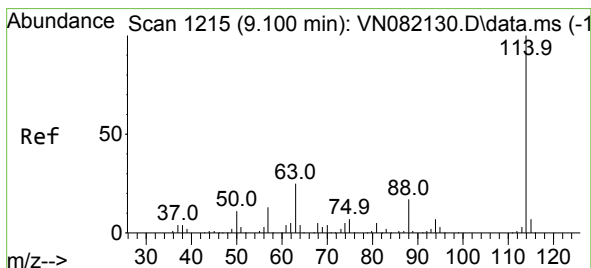
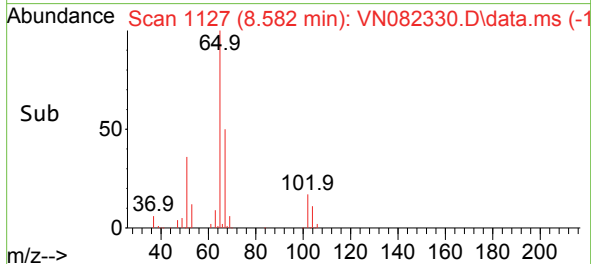
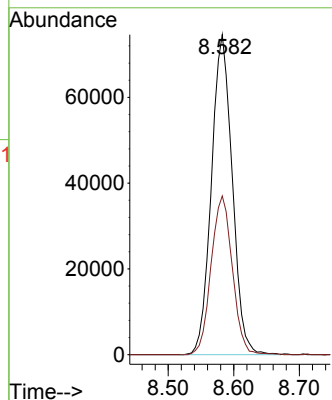
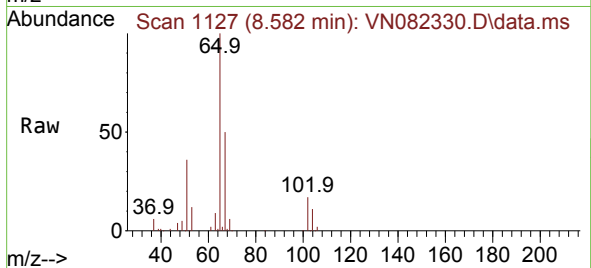
ClientSampleId :

Tgt Ion: 65 Resp: 164799

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# 1216

Delta R.T. 0.006 min

Lab File: VN082330.D

Acq: 23 May 2024 18:44

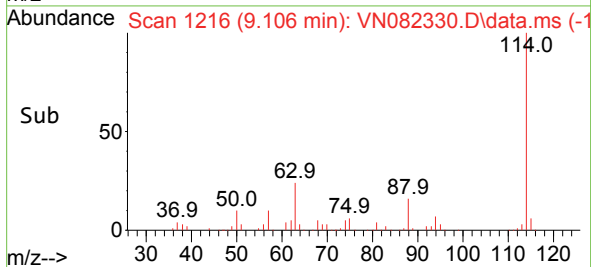
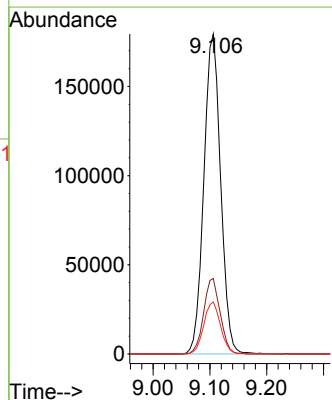
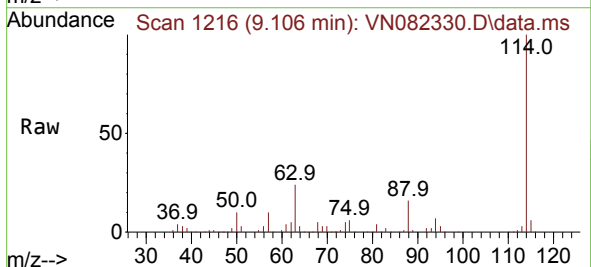
Tgt Ion: 114 Resp: 367366

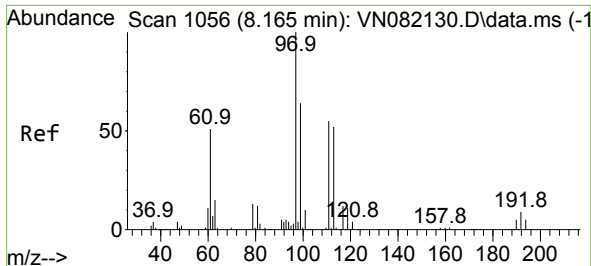
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.783 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

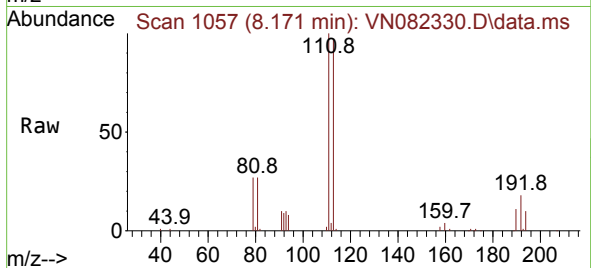
Lab File: VN082330.D

Acq: 23 May 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :



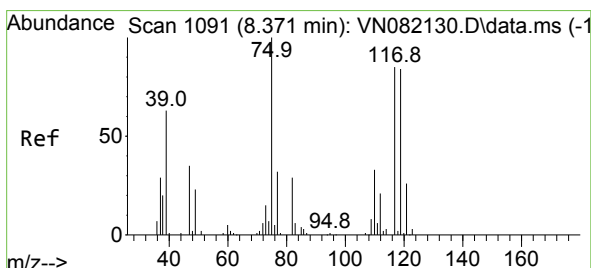
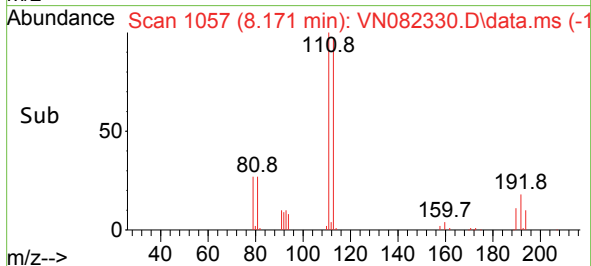
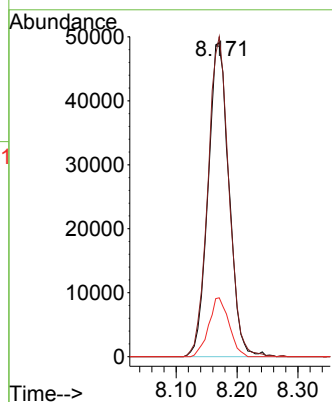
Tgt Ion:113 Resp: 117022

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 18.1 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.009 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082330.D

Acq: 23 May 2024 18:44

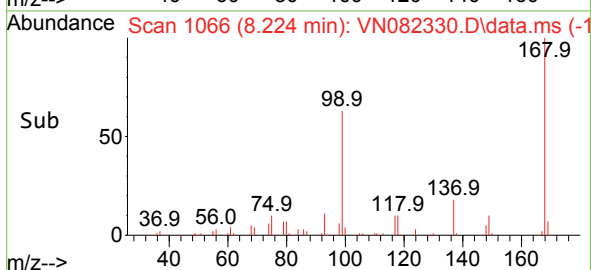
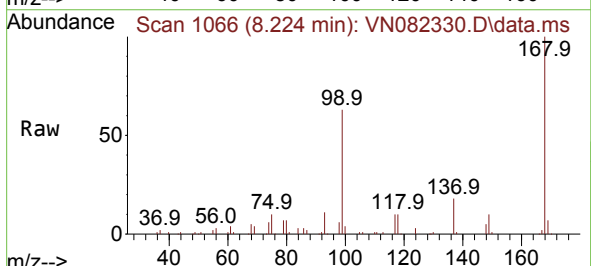
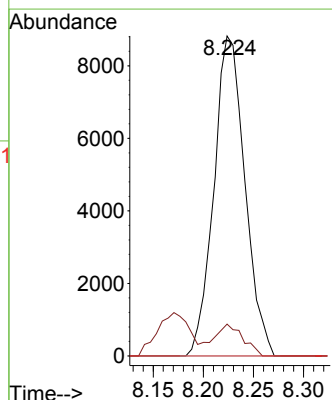
Tgt Ion: 75 Resp: 18984

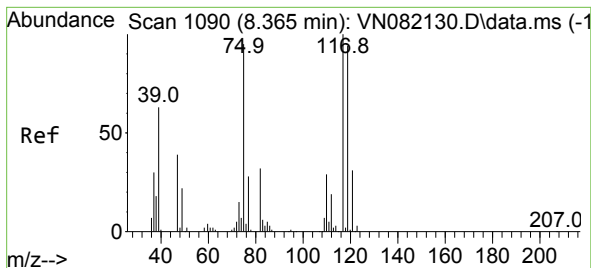
Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.730 ug/l

RT: 8.224 min Scan# 1105

Delta R.T. -0.141 min

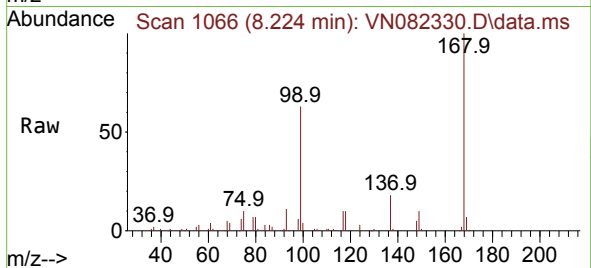
Lab File: VN082330.D

Acq: 23 May 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :



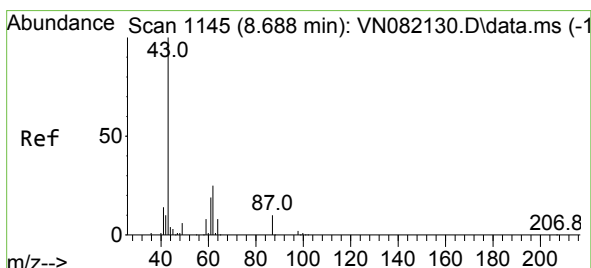
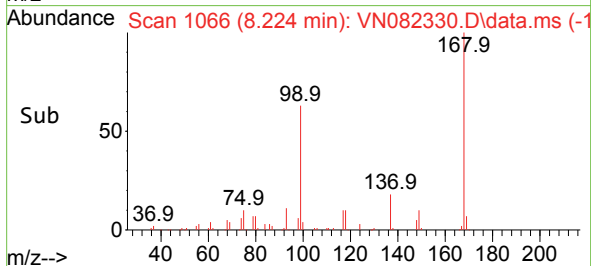
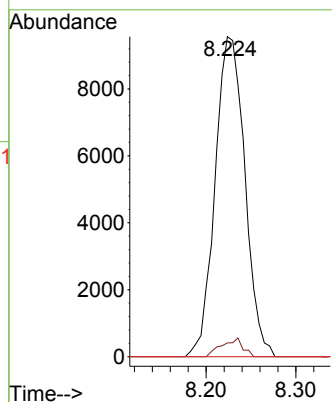
Tgt Ion:117 Resp: 22014

Ion Ratio Lower Upper

117 100

119 4.3 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 14.518 ug/l

RT: 8.724 min Scan# 1151

Delta R.T. 0.035 min

Lab File: VN082330.D

Acq: 23 May 2024 18:44

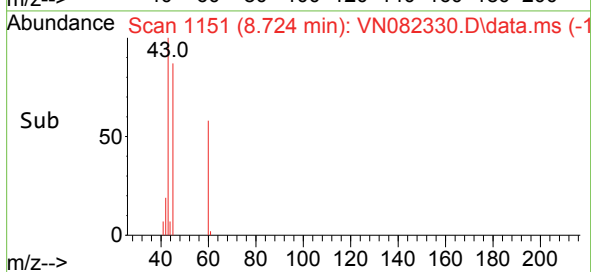
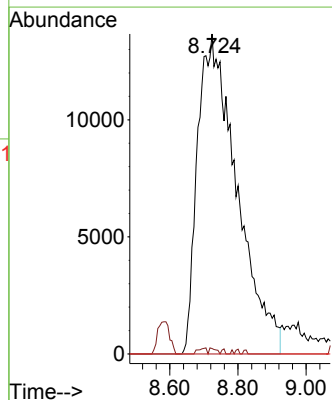
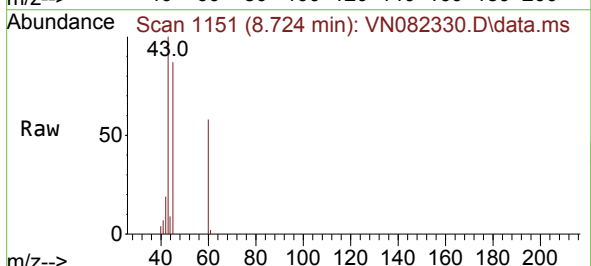
Tgt Ion: 43 Resp: 109118

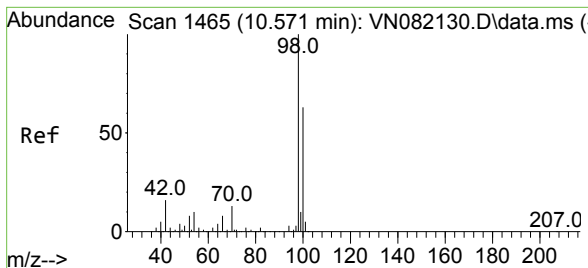
Ion Ratio Lower Upper

43 100

61 0.3 22.8 34.2#

87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 53.035 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082330.D

Acq: 23 May 2024 18:44

Instrument :

MSVOA_N

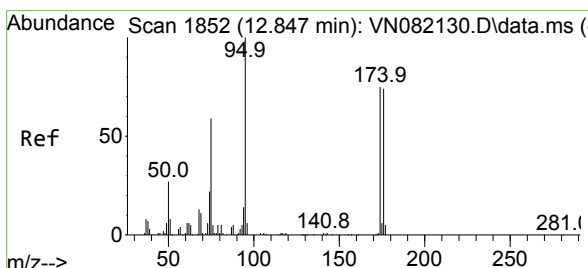
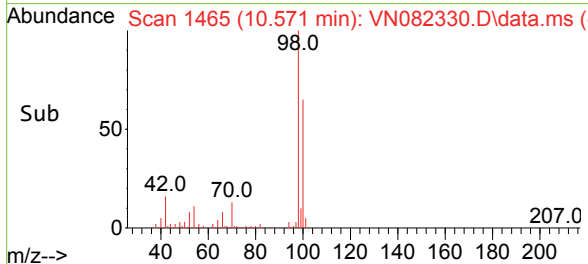
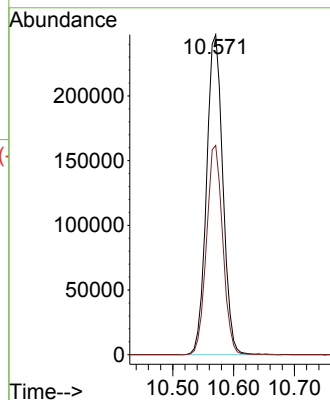
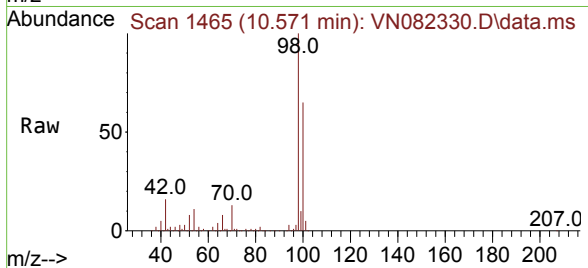
ClientSampleId :

Tgt Ion: 98 Resp: 459502

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 54.503 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082330.D

Acq: 23 May 2024 18:44

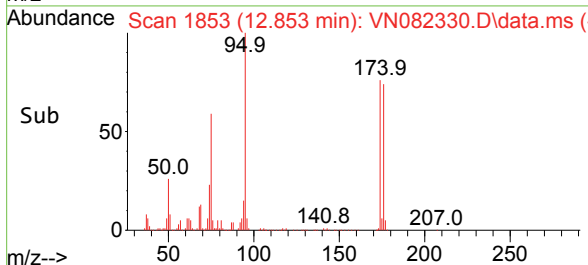
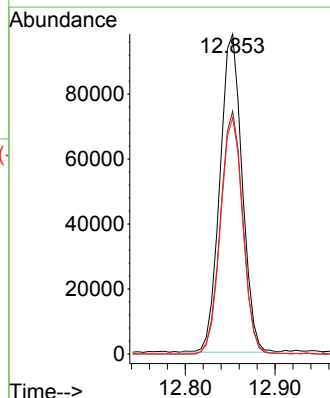
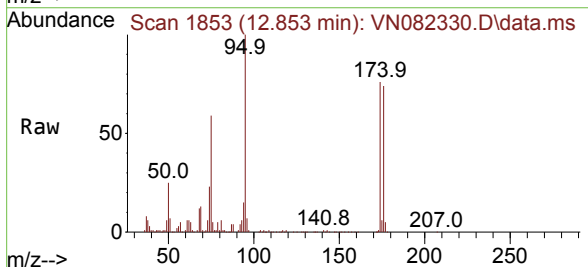
Tgt Ion: 95 Resp: 168546

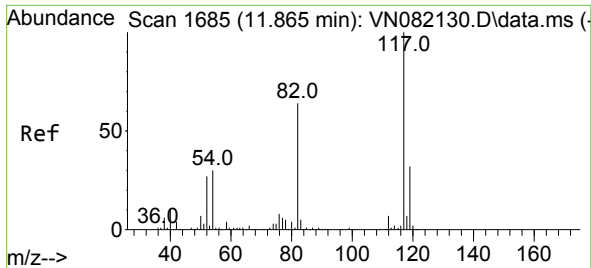
Ion Ratio Lower Upper

95 100

174 76.3 0.0 160.6

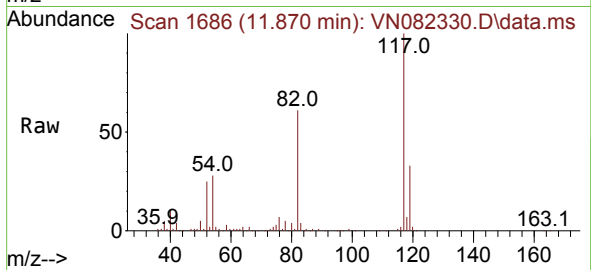
176 74.2 0.0 152.8



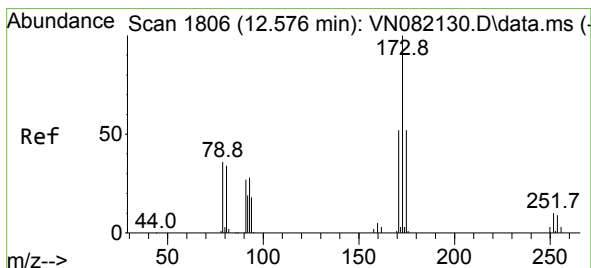
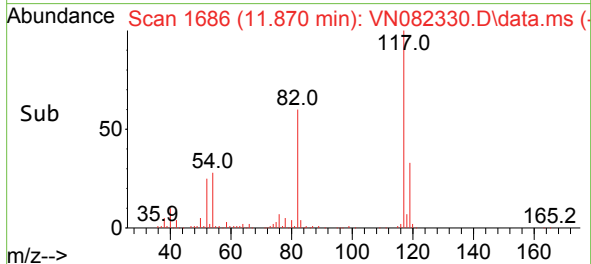
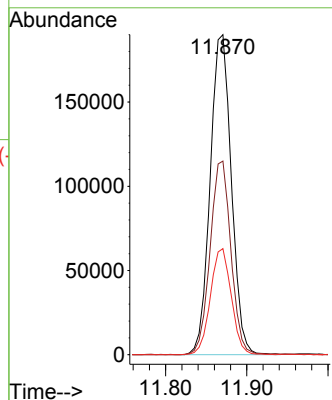


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082330.D
Acq: 23 May 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :

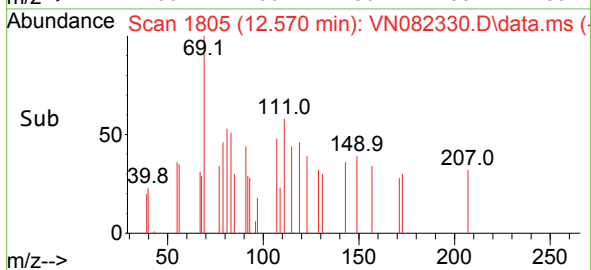
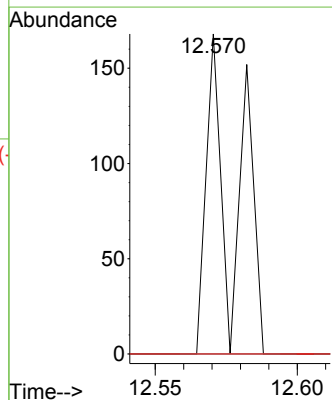
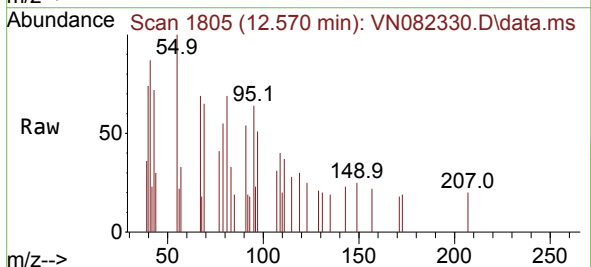


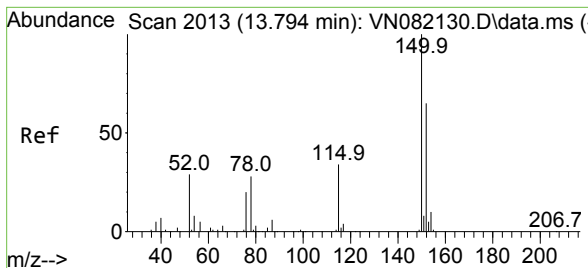
Tgt Ion:117 Resp: 344411
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 33.2 25.9 38.9



#71
Bromoform
Concen: 0.757 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN082330.D
Acq: 23 May 2024 18:44

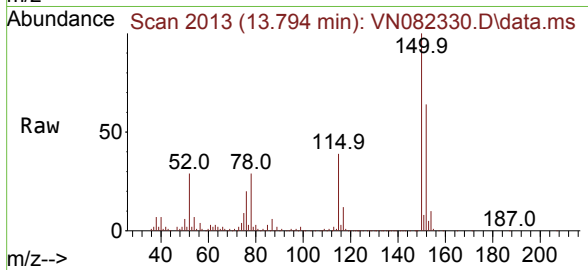
Tgt Ion:173 Resp: 113
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



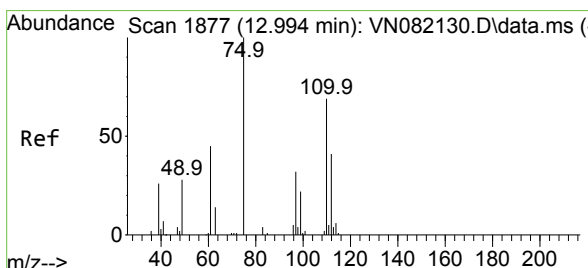
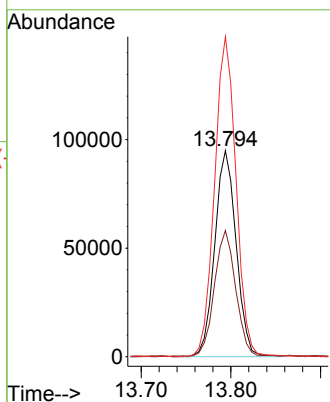
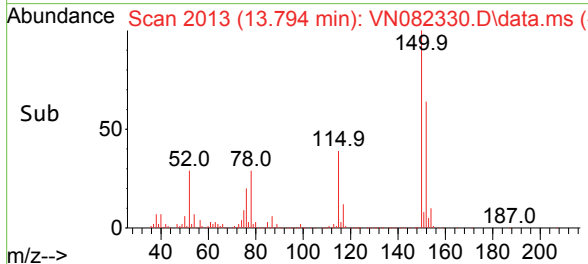


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082330.D
 Acq: 23 May 2024 18:44

Instrument :
 MSVOA_N
 ClientSampleId :

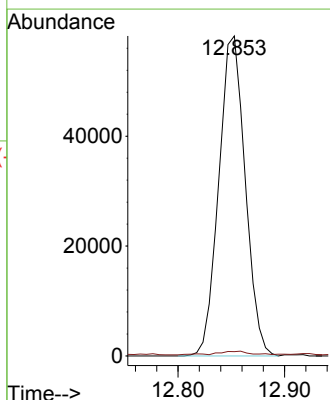
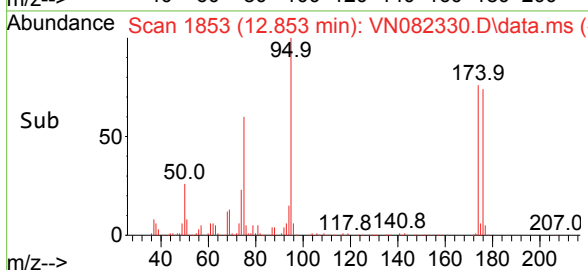
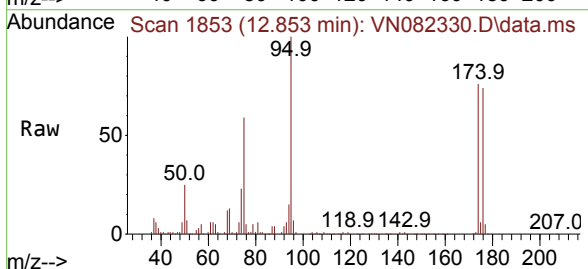


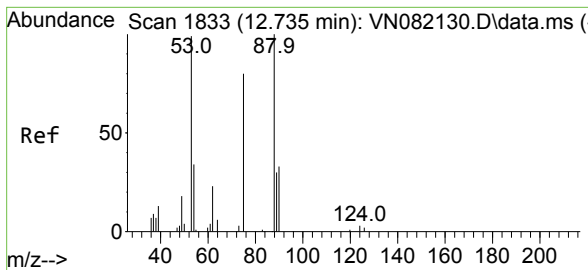
Tgt Ion:152 Resp: 156767
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.4 91.3
 150 156.1 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.407 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082330.D
 Acq: 23 May 2024 18:44

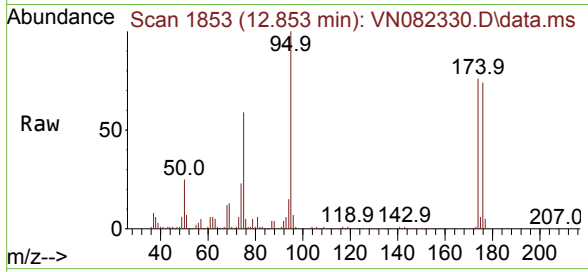
Tgt Ion: 75 Resp: 100329
 Ion Ratio Lower Upper
 75 100
 77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.120 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN082330.D
 Acq: 23 May 2024 18:44

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 100329
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.9 109.3#
 89 0.0 39.1 58.7#

