

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081953.D
 Acq On : 01 May 2024 13:50
 Operator : JC\MD
 Sample : P2306-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

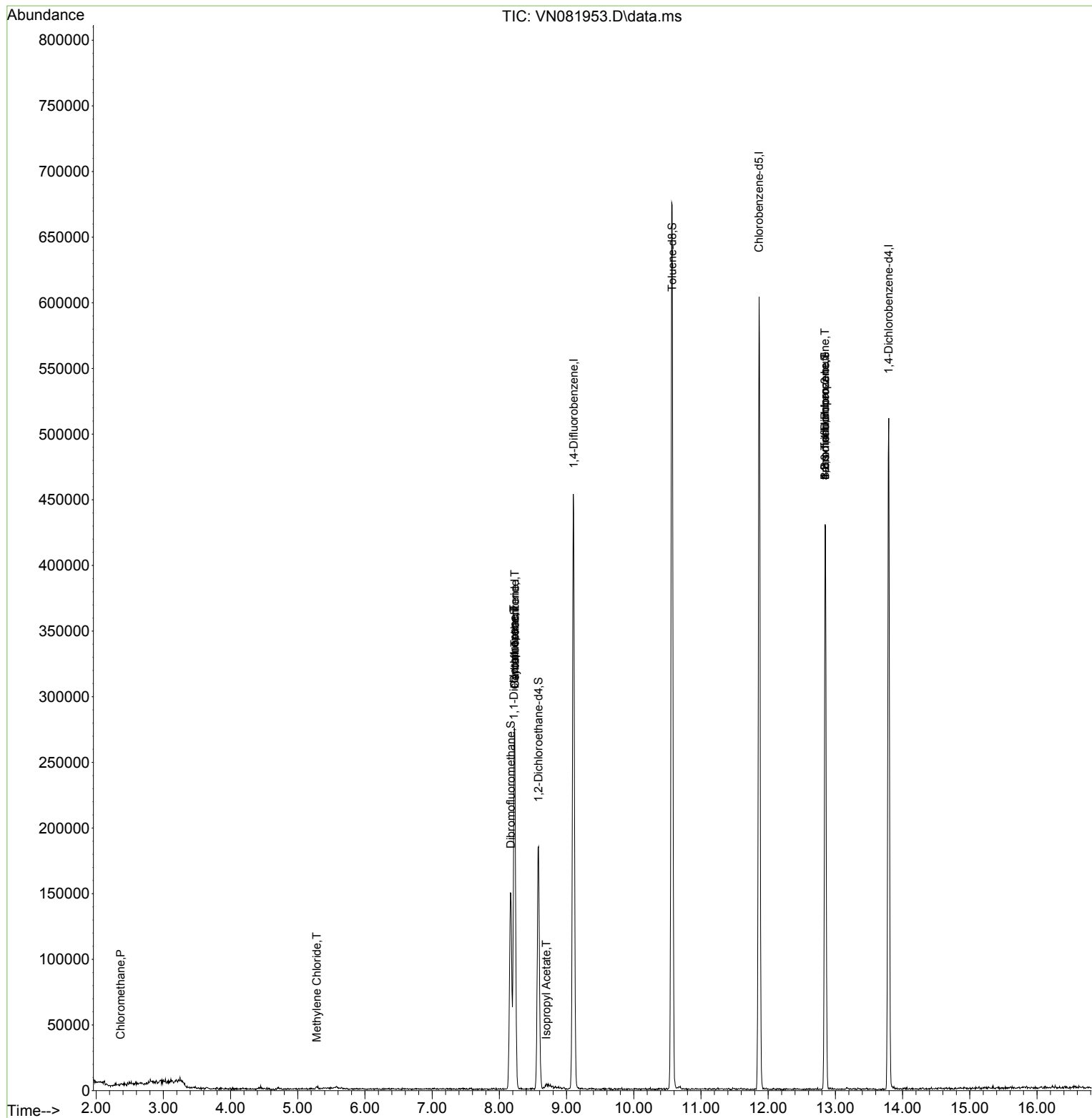
Internal Standards						
1) Pentafluorobenzene	8.230	168	193324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	380377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146580	44.925	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.840%
35) Dibromofluoromethane	8.171	113	109659	47.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	10.571	98	474130	52.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.847	95	156712	44.075	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	914	0.323	ug/l #	43
5) Bromomethane	2.965	94	103	Below Cal	#	3
13) Acrolein	4.183	56	77	Below Cal	#	1
16) Acetone	4.430	43	1583	Below Cal	#	76
20) Methylene Chloride	5.283	84	955	0.342	ug/l #	64
31) Cyclohexane	8.224	56	5585	1.136	ug/l #	20
36) 1,1-Dichloropropene	8.218	75	18578	4.986	ug/l #	44
38) Carbon Tetrachloride	8.230	117	20714	5.688	ug/l #	15
43) Isopropyl Acetate	8.700	43	3238	0.427	ug/l #	52
71) Bromoform	12.847	173	805	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	87268	25.702	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87268	52.666	ug/l #	12

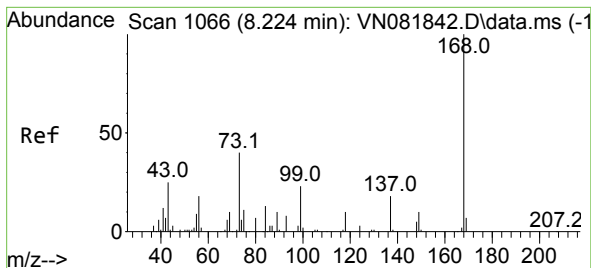
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081953.D

Acq: 01 May 2024 13:50

Instrument :

MSVOA_N

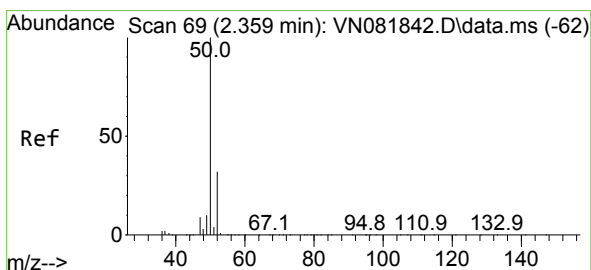
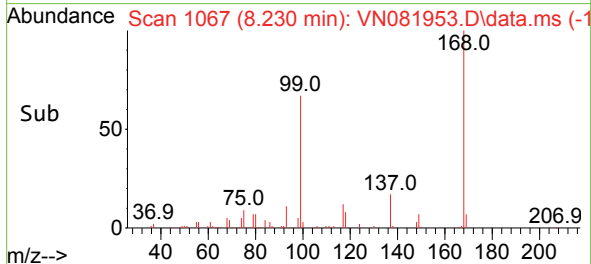
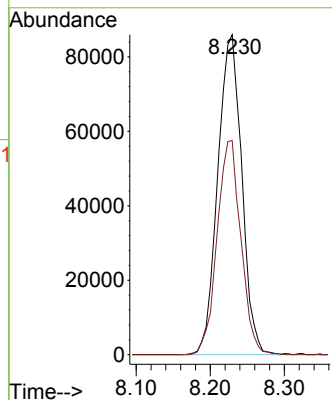
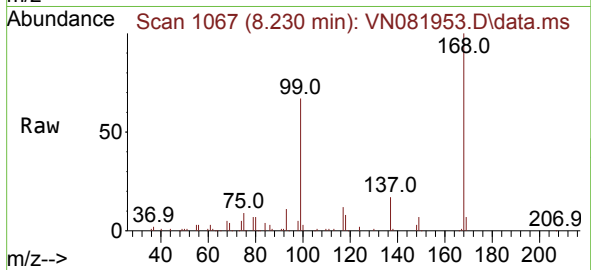
ClientSampleId :

Tgt Ion:168 Resp: 193324

Ion Ratio Lower Upper

168 100

99 66.9 48.2 72.4



#3

Chloromethane

Concen: 0.323 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081953.D

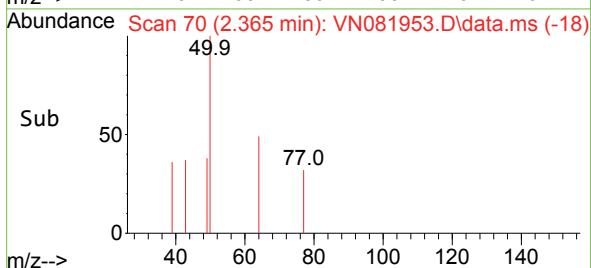
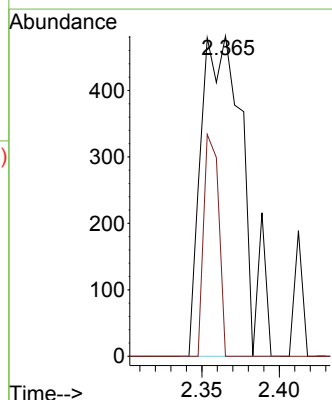
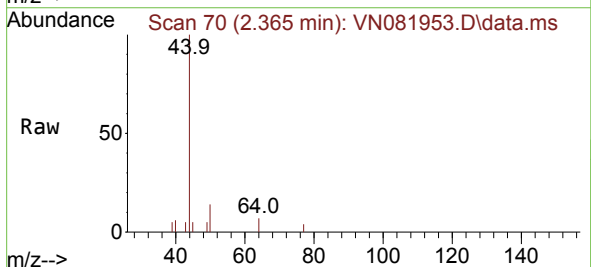
Acq: 01 May 2024 13:50

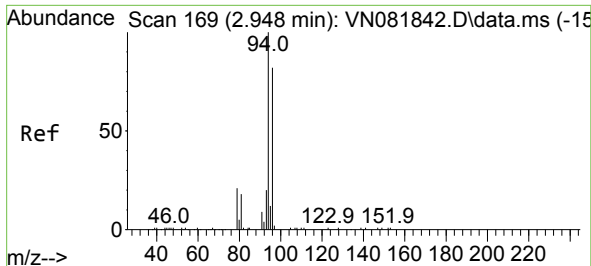
Tgt Ion: 50 Resp: 914

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

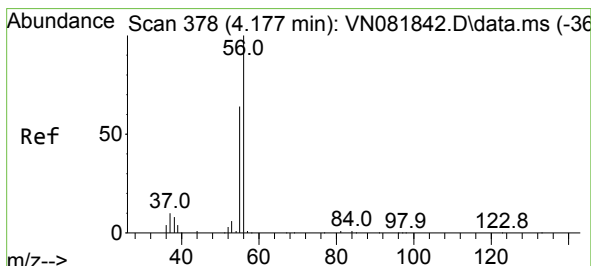
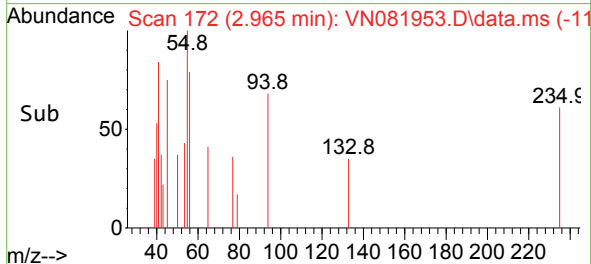
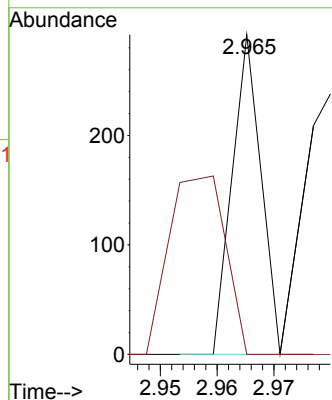
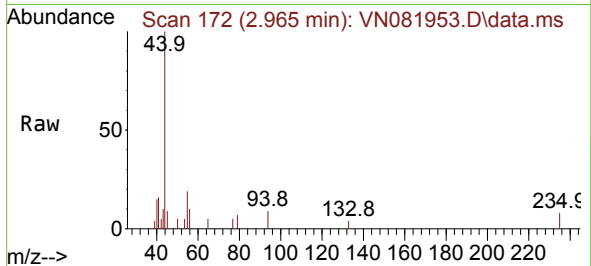




#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

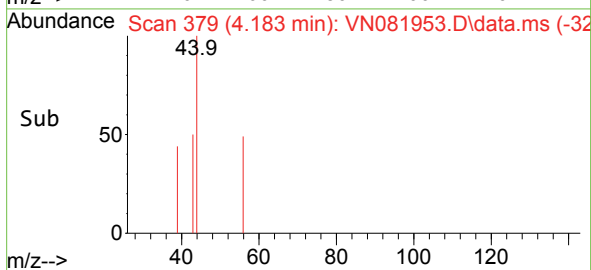
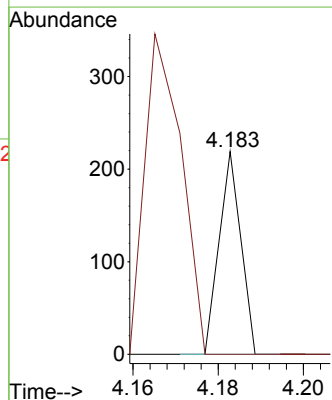
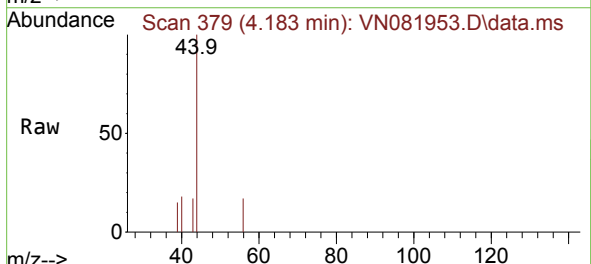
Instrument :
MSVOA_N
ClientSampleId :

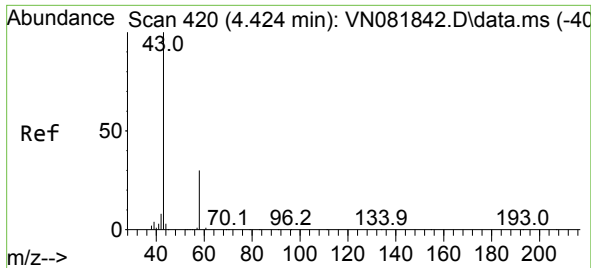
Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 268.8 55.8 83.8#

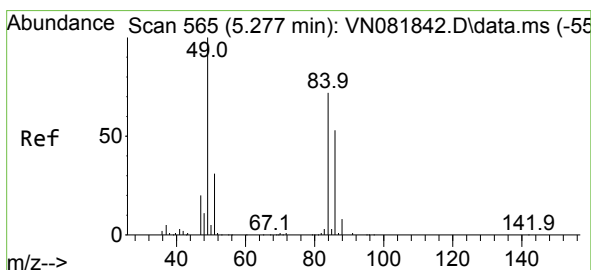
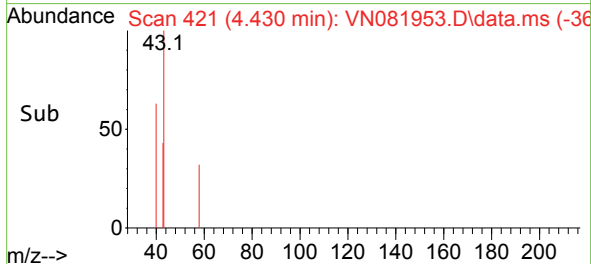
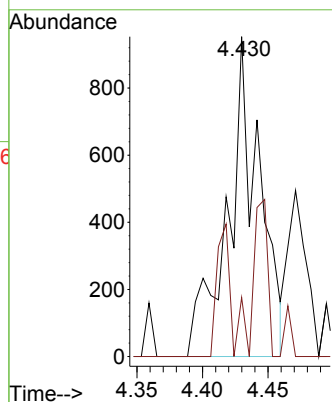
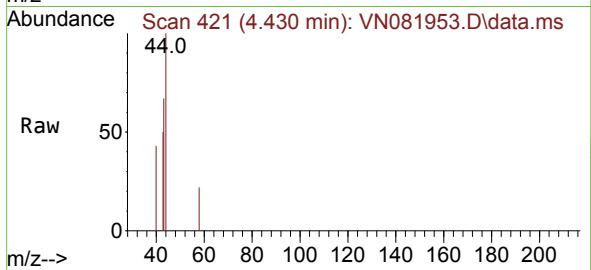




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

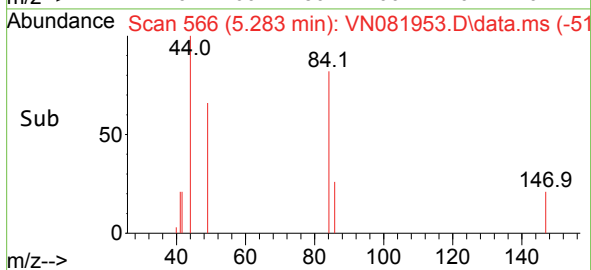
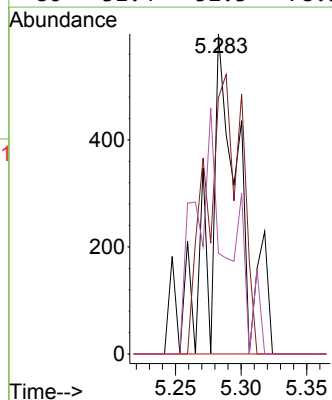
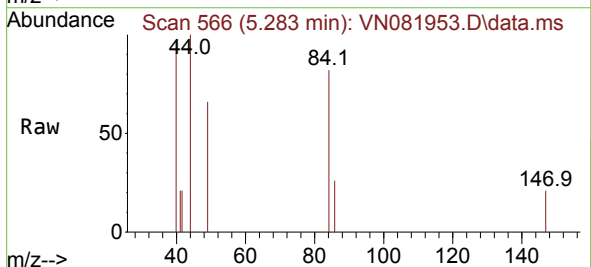
Instrument :
MSVOA_N
ClientSampleId :

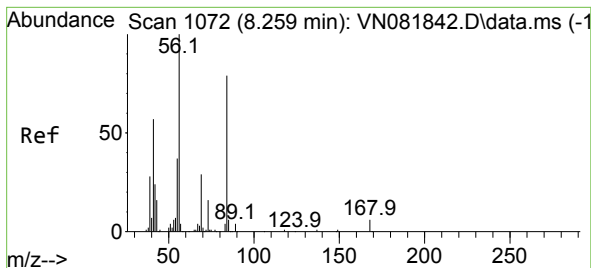
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 18.5 25.2 37.8#



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion: 84 Resp: 955
Ion Ratio Lower Upper
84 100
49 80.1 84.9 127.3#
51 0.0 27.0 40.6#
86 31.4 52.3 78.5#





#31

Cyclohexane

Concen: 1.136 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

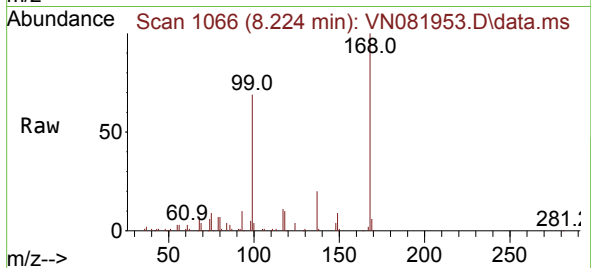
Lab File: VN081953.D

Acq: 01 May 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :



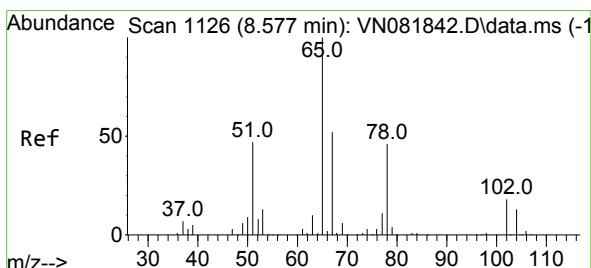
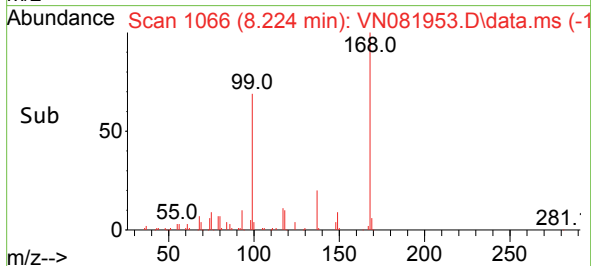
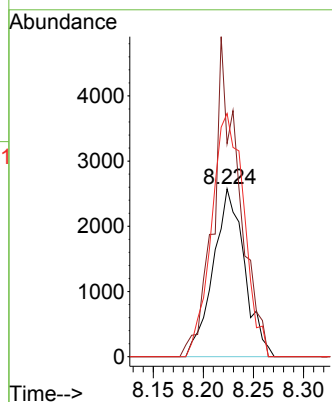
Tgt Ion: 56 Resp: 5585

Ion Ratio Lower Upper

56 100

69 126.9 24.4 36.6#

84 144.8 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 44.925 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081953.D

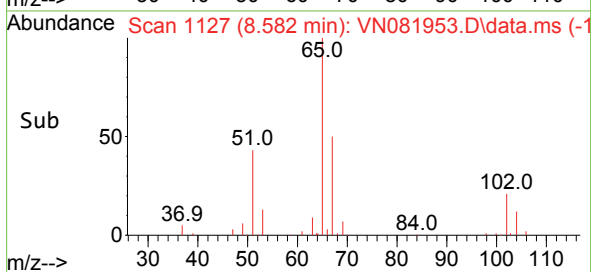
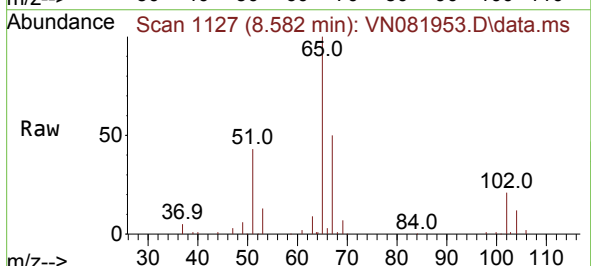
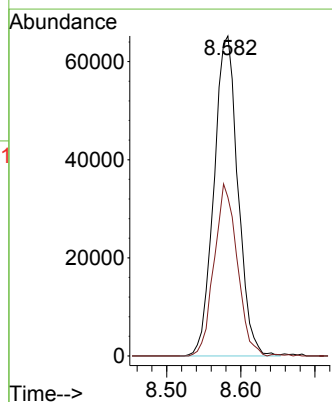
Acq: 01 May 2024 13:50

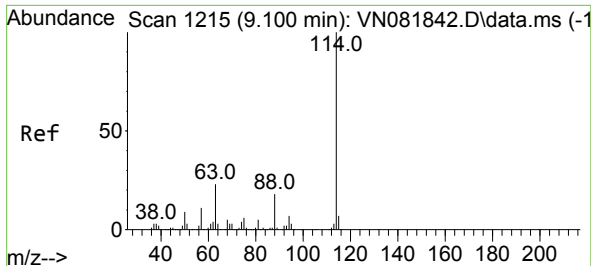
Tgt Ion: 65 Resp: 146580

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081953.D

Acq: 01 May 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

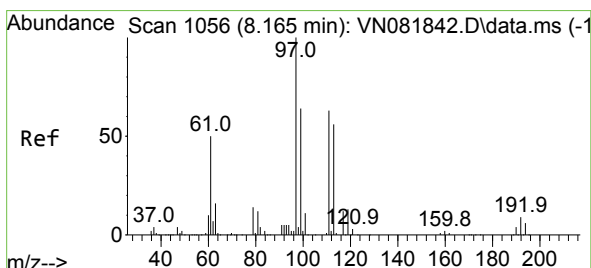
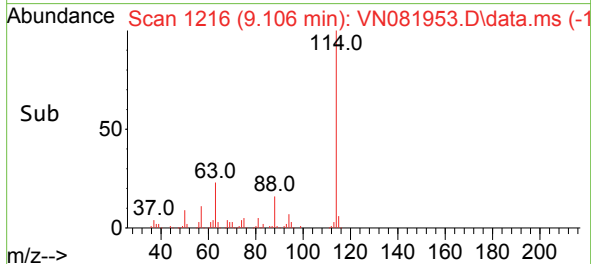
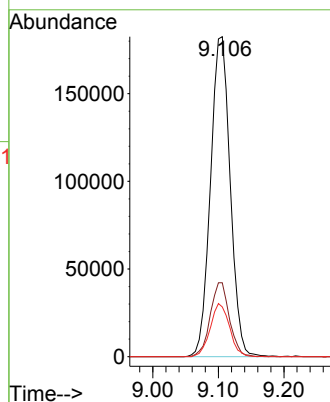
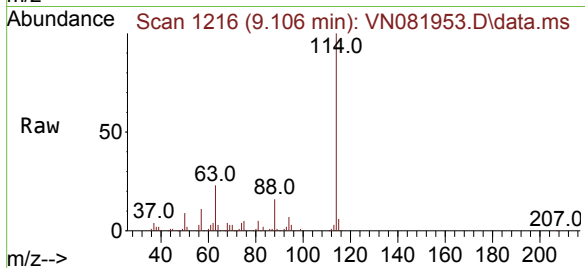
Tgt Ion:114 Resp: 380377

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.882 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081953.D

Acq: 01 May 2024 13:50

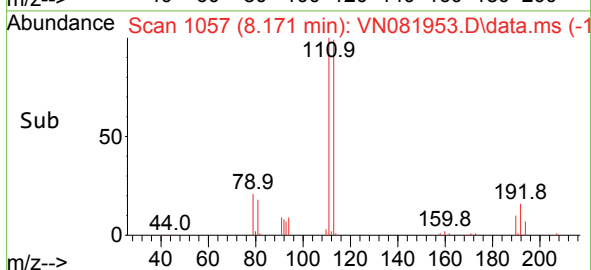
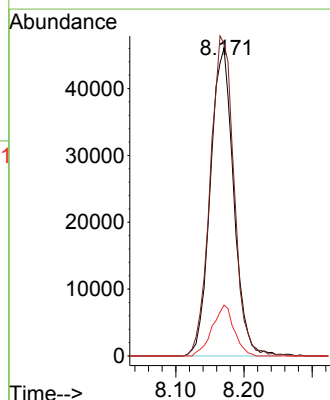
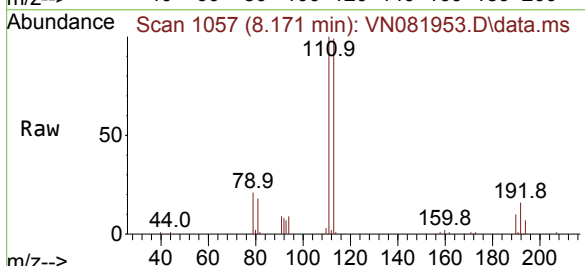
Tgt Ion:113 Resp: 109659

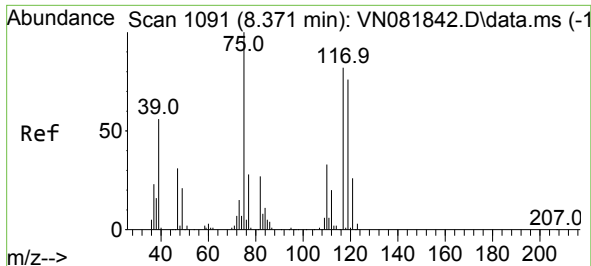
Ion Ratio Lower Upper

113 100

111 106.0 83.4 125.2

192 15.5 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.986 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

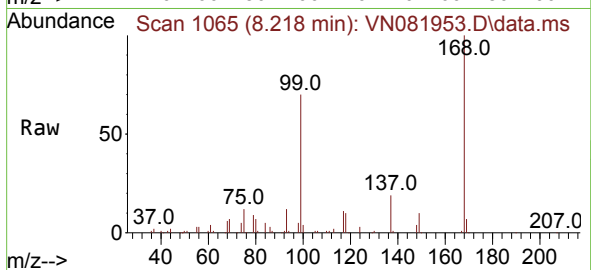
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Acq: 01 May 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :



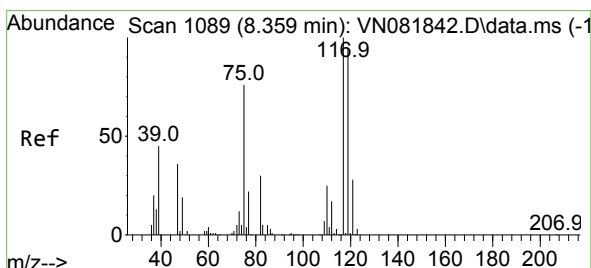
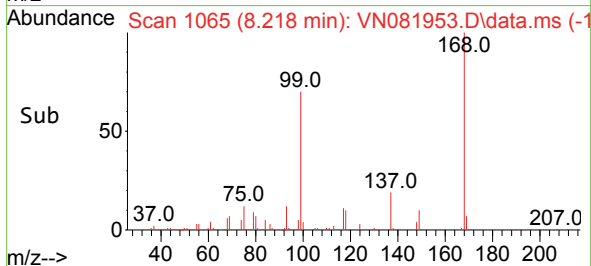
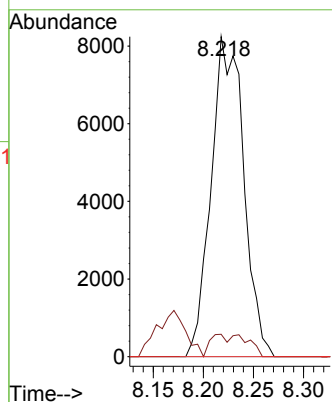
Tgt Ion: 75 Resp: 18578

Ion Ratio Lower Upper

75 100

110 3.7 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.688 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN081953.D

Acq: 01 May 2024 13:50

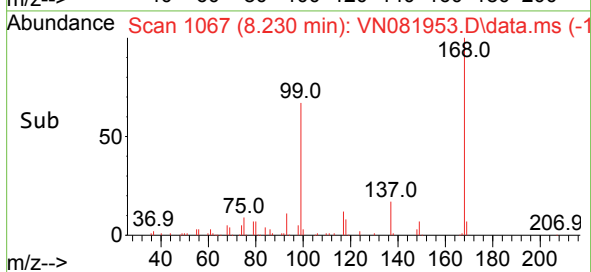
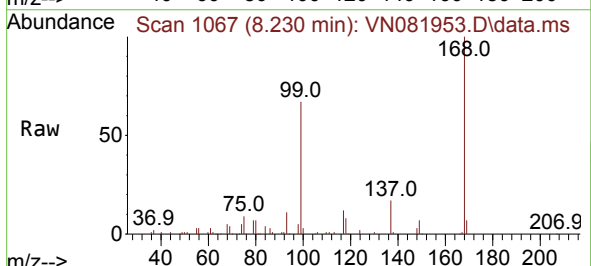
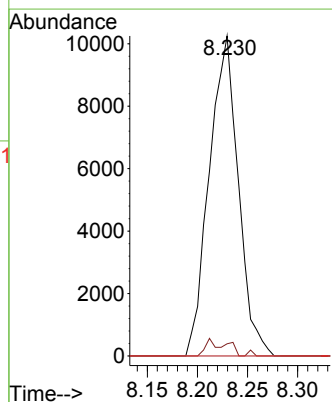
Tgt Ion: 117 Resp: 20714

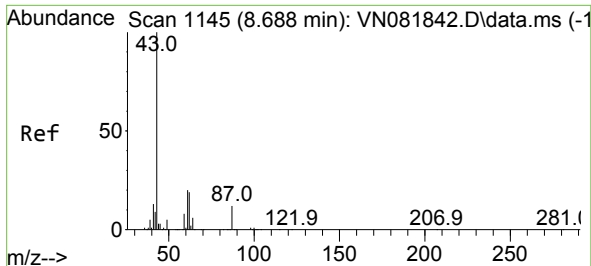
Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#

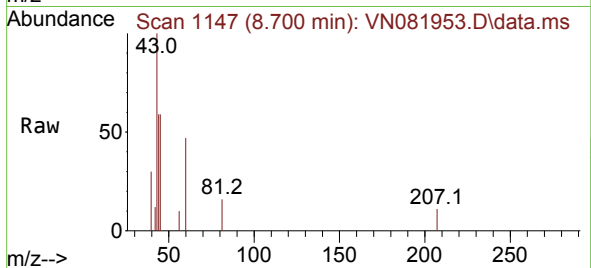
121 0.0 23.9 35.9#



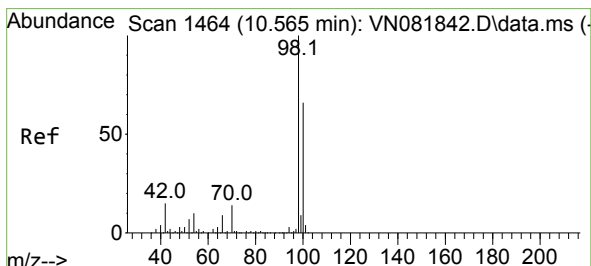
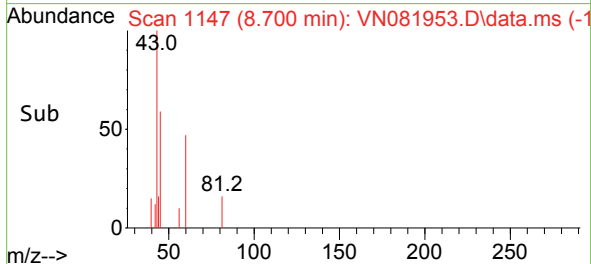
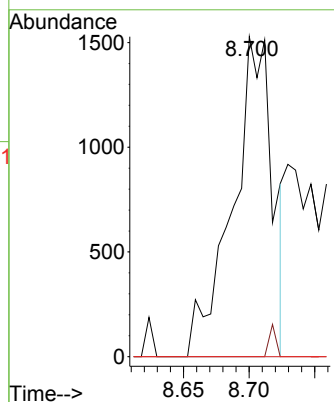


#43
Isopropyl Acetate
Concen: 0.427 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :

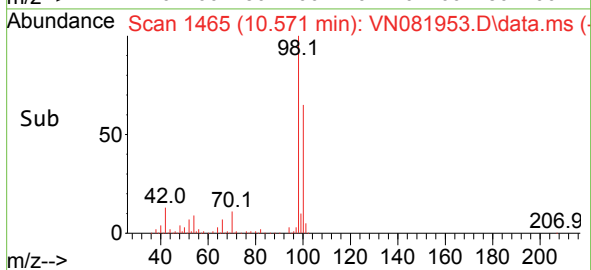
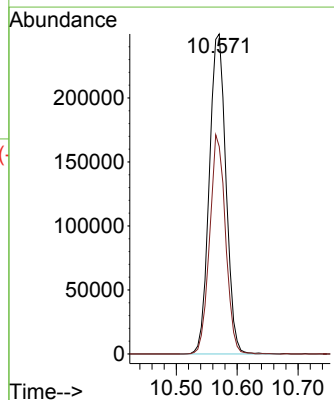
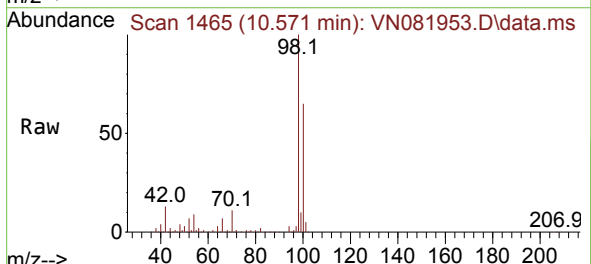


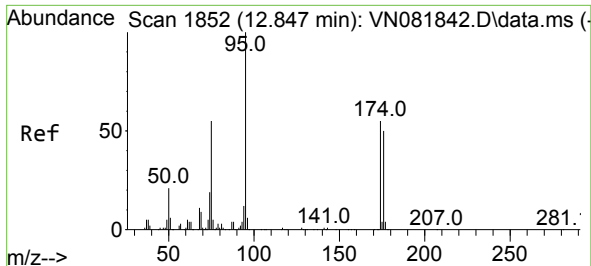
Tgt Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.713 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion: 98 Resp: 474130
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

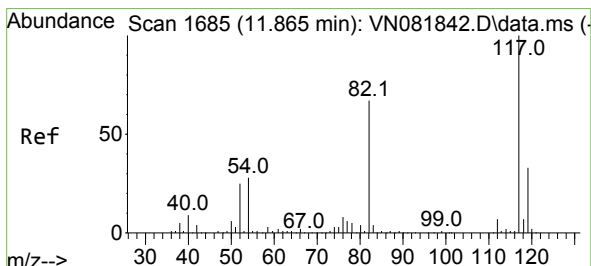
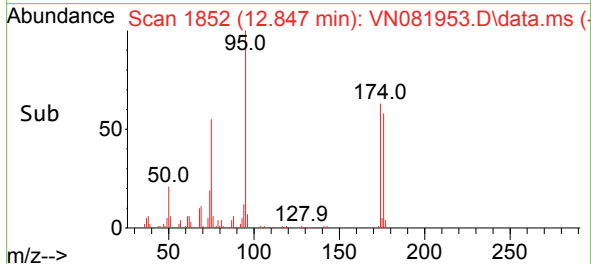
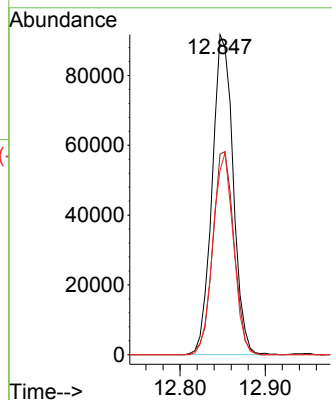
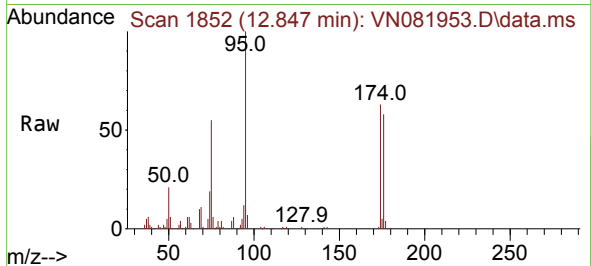




#62
4-Bromofluorobenzene
Concen: 44.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

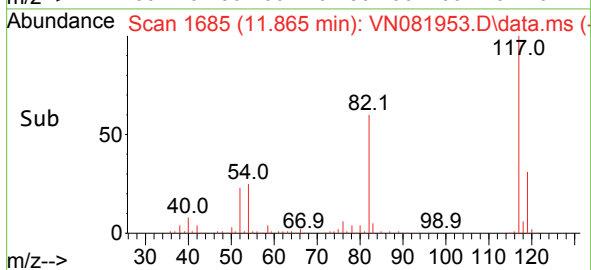
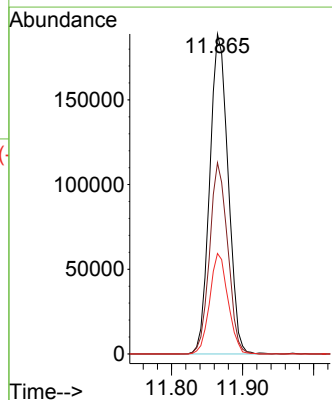
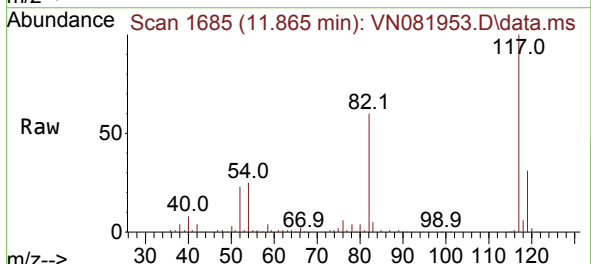
Instrument :
MSVOA_N
ClientSampleId :

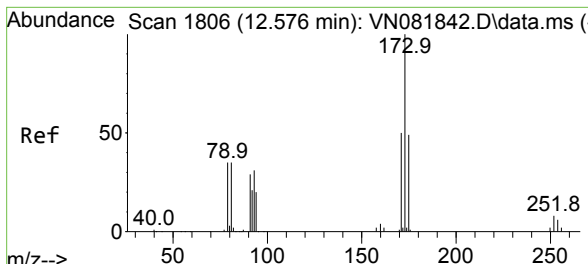
Tgt Ion: 95 Resp: 156712
Ion Ratio Lower Upper
95 100
174 64.0 0.0 160.6
176 61.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

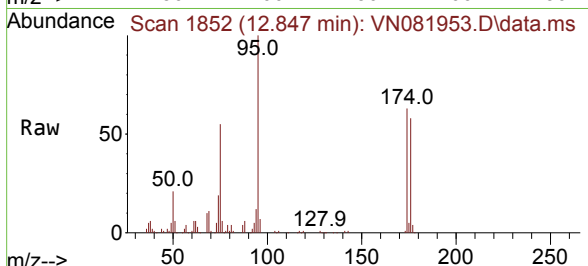
Tgt Ion: 117 Resp: 339455
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 31.4 25.9 38.9



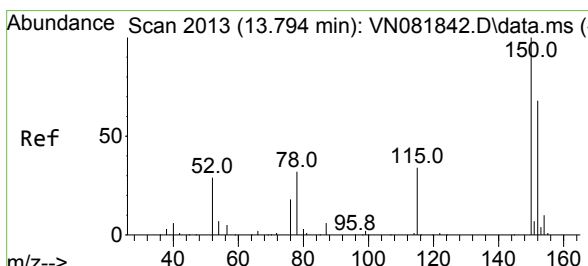
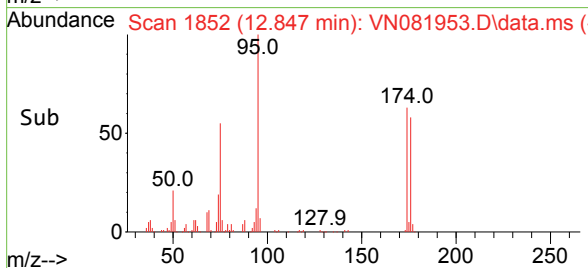
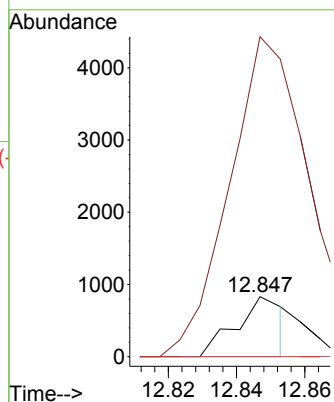


#71
Bromoform
Concen: 0.425 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :

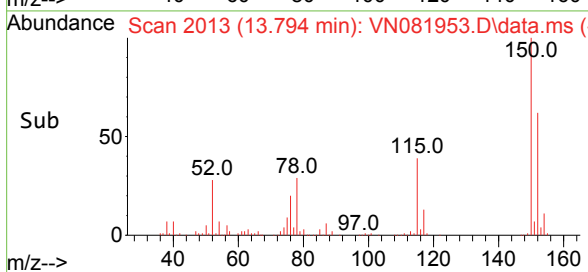
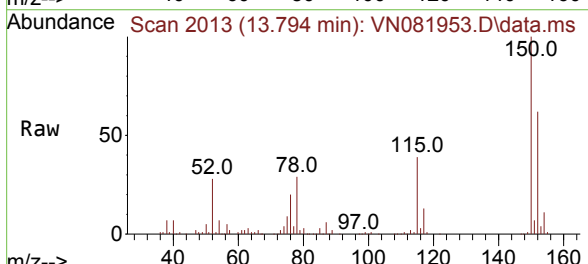
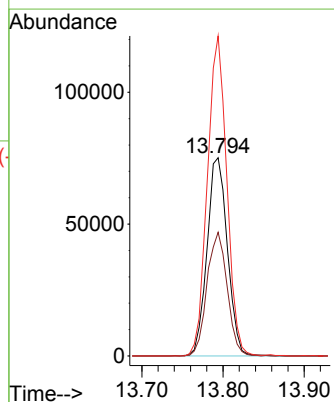


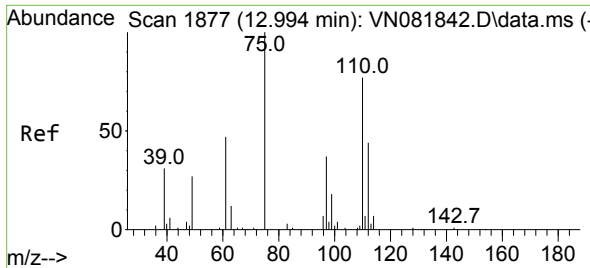
Tgt Ion:173 Resp: 805
Ion Ratio Lower Upper
173 100
175 628.4 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion:152 Resp: 130957
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 153.8 0.0 353.2

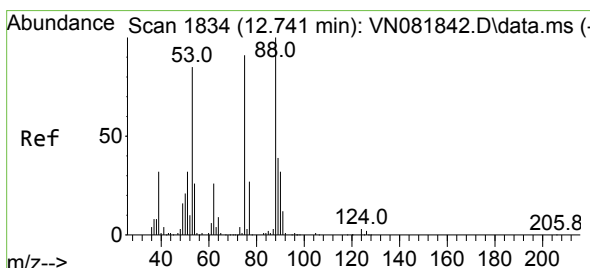
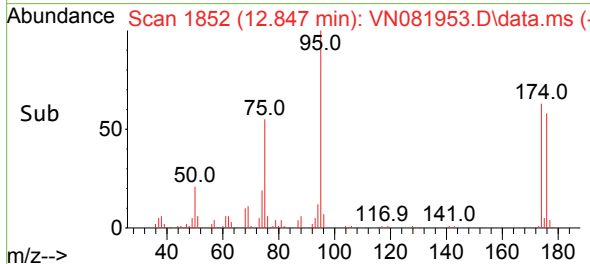
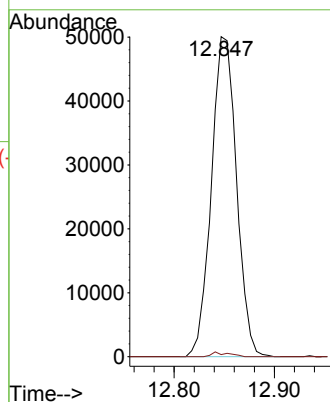
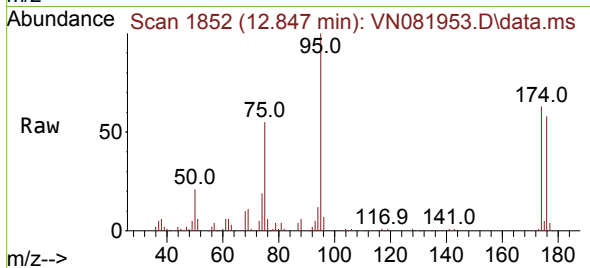




#76
1,2,3-Trichloropropane
Concen: 25.702 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 87268
Ion Ratio Lower Upper
75 100
77 1.0 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.666 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion: 75 Resp: 87268
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

