

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082389.D
 Acq On : 30 May 2024 12:43
 Operator : JC\MD
 Sample : VN0530WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 31 03:25:31 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)

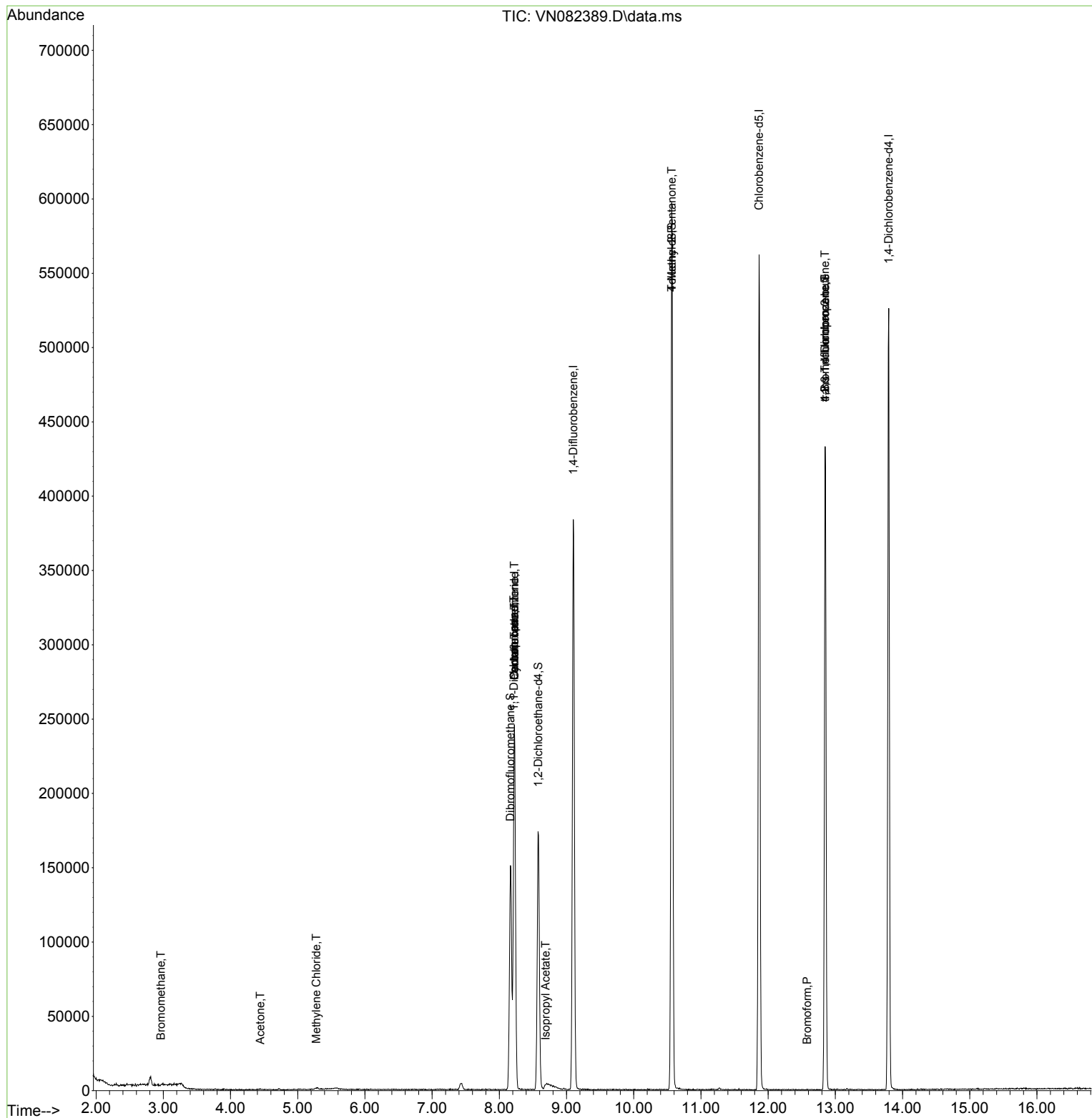
Internal Standards						
1) Pentafluorobenzene	8.224	168	170538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142074	52.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.520%	
35) Dibromofluoromethane	8.165	113	102981	54.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.140%	
50) Toluene-d8	10.565	98	394156	54.476	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.960%	
62) 4-Bromofluorobenzene	12.847	95	137478	53.235	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 106.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	443	0.294	ug/l #	66
16) Acetone	4.442	43	366	0.331	ug/l #	43
20) Methylene Chloride	5.277	84	565	0.254	ug/l #	54
31) Cyclohexane	8.224	56	4896	1.138	ug/l #	57
36) 1,1-Dichloropropene	8.218	75	15843	5.005	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18272	5.695	ug/l #	15
43) Isopropyl Acetate	8.688	43	3896	0.621	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2520	0.707	ug/l #	1
71) Bromoform	12.582	173	69	0.741	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	80027	29.380	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80027	68.718	ug/l #	12

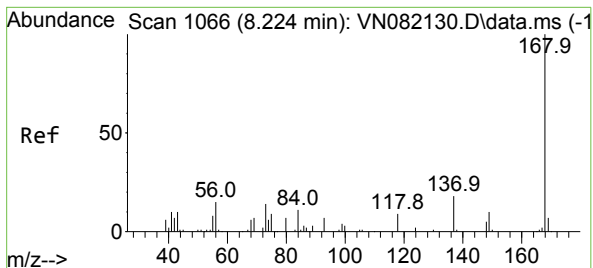
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

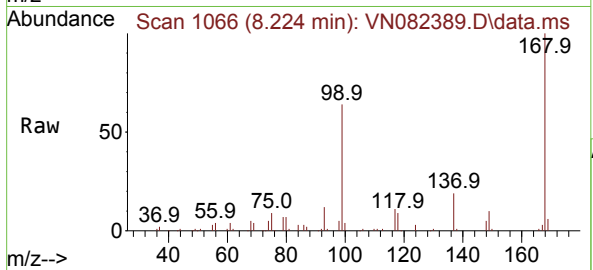
Lab File: VN082389.D

Acq: 30 May 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

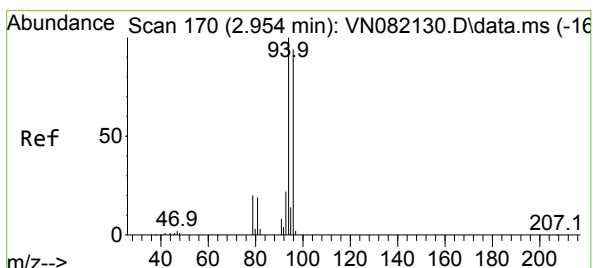
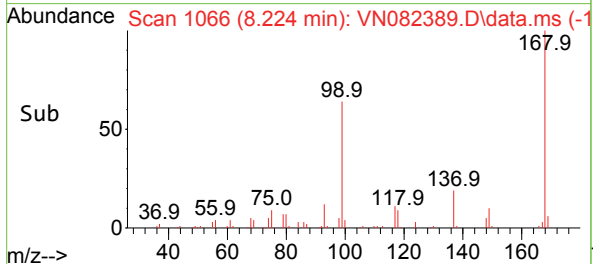
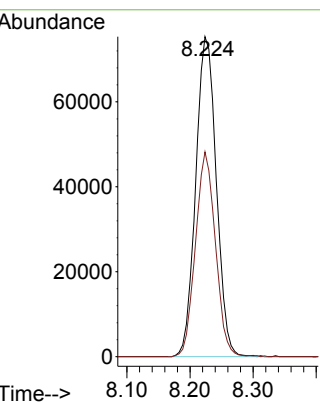


Tgt Ion:168 Resp: 170538

Ion Ratio Lower Upper

168 100

99 64.0 48.2 72.4



#5

Bromomethane

Concen: 0.294 ug/l

RT: 2.965 min Scan# 172

Delta R.T. 0.012 min

Lab File: VN082389.D

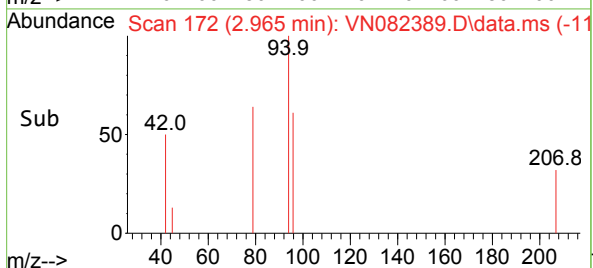
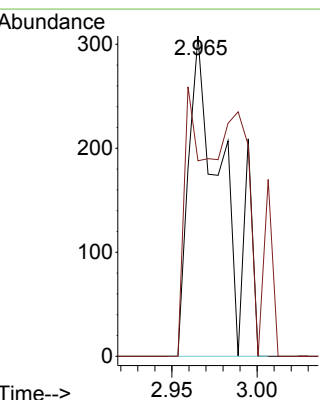
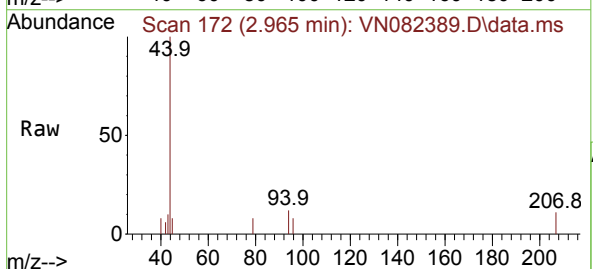
Acq: 30 May 2024 12:43

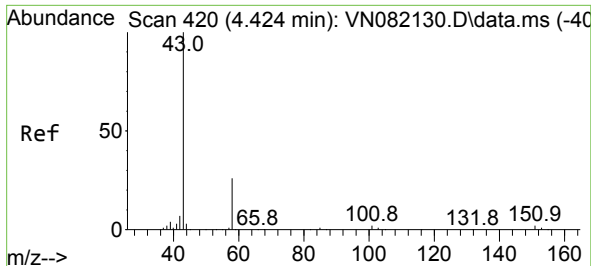
Tgt Ion: 94 Resp: 443

Ion Ratio Lower Upper

94 100

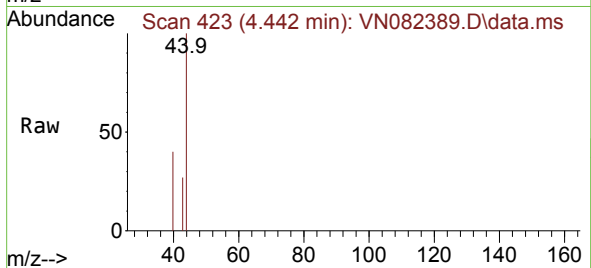
96 61.0 74.8 112.2#



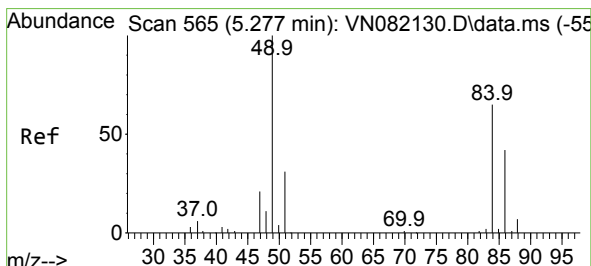
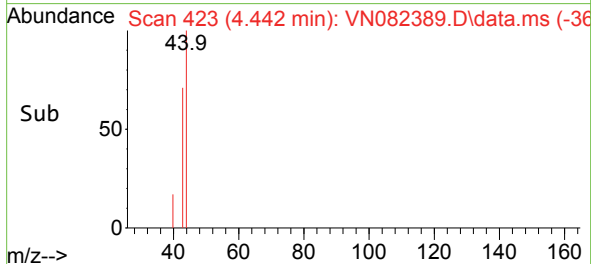
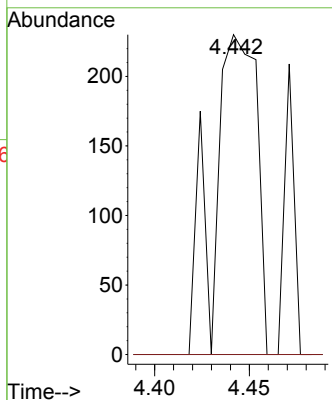


#16
Acetone
Concen: 0.331 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :

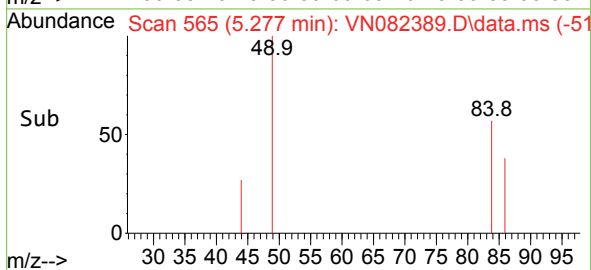
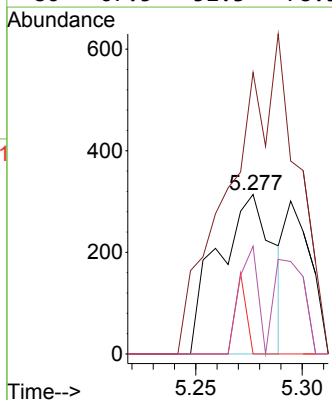
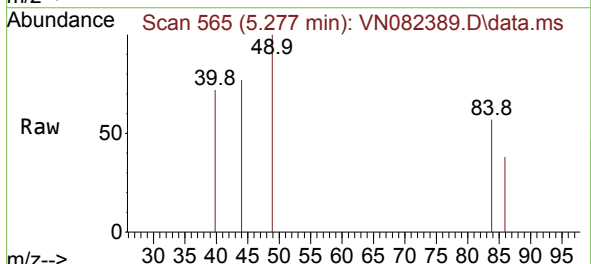


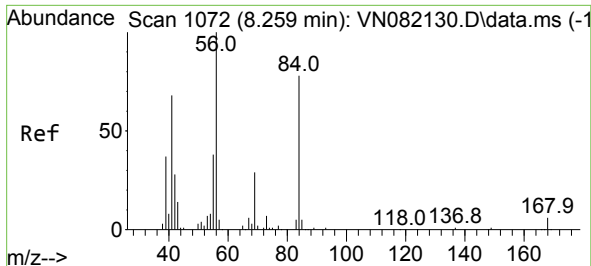
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

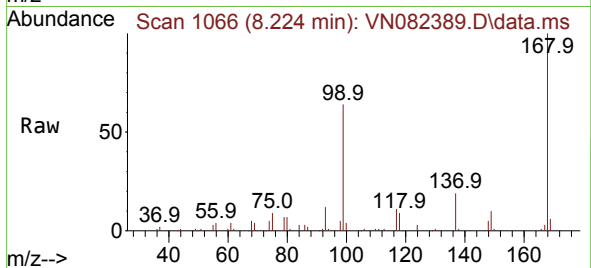
Tgt Ion: 84 Resp: 565
Ion Ratio Lower Upper
84 100
49 176.4 84.9 127.3#
51 0.0 27.0 40.6#
86 67.5 52.3 78.5



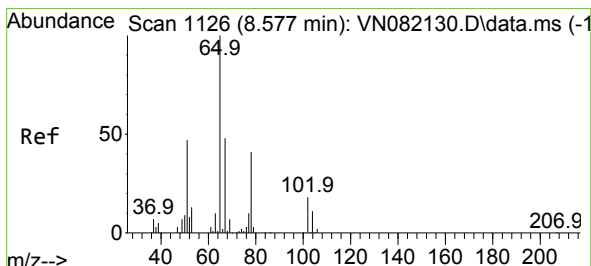
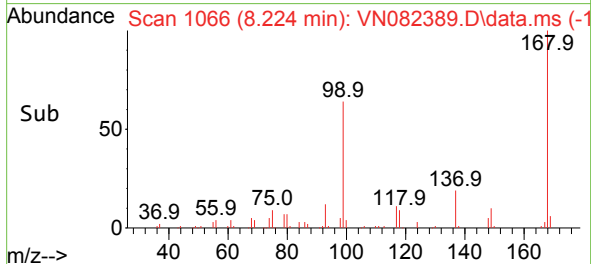
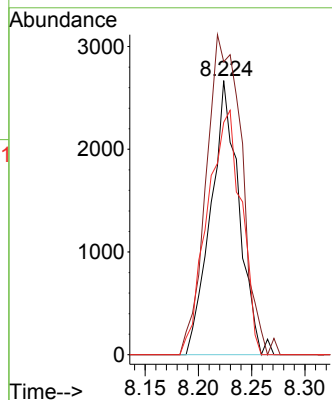


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :

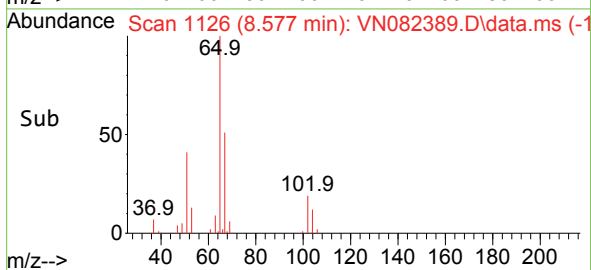
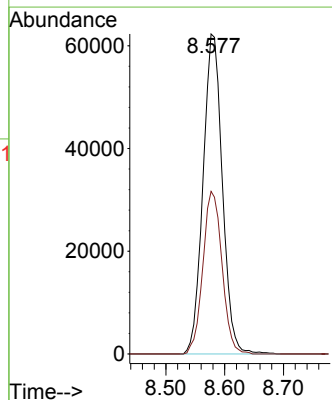
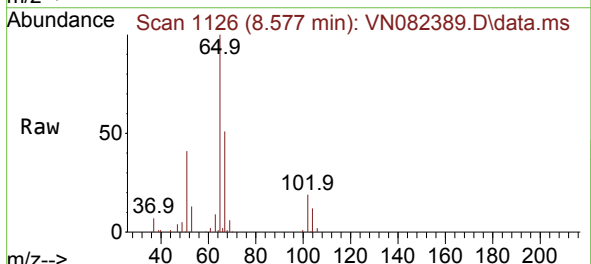


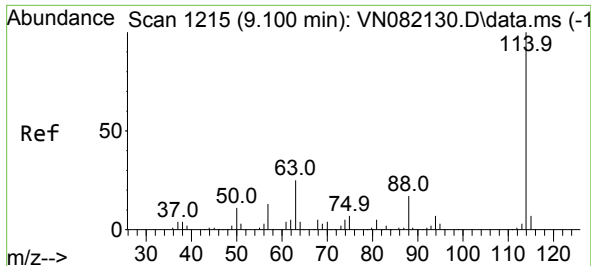
Tgt Ion: 56 Resp: 4896
Ion Ratio Lower Upper
56 100
69 106.9 24.4 36.6#
84 84.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.760 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

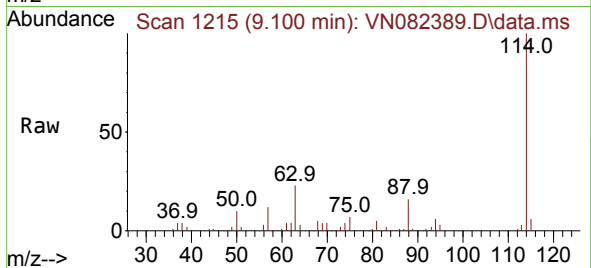
Tgt Ion: 65 Resp: 142074
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0



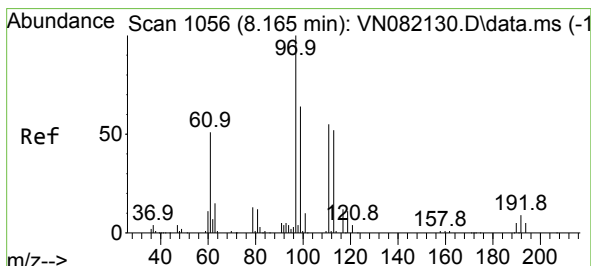
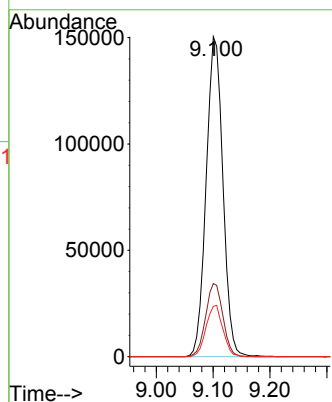
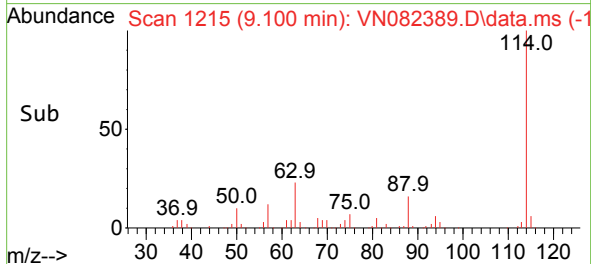


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

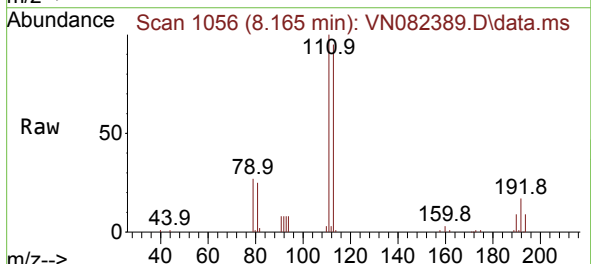
Instrument :
MSVOA_N
ClientSampleId :



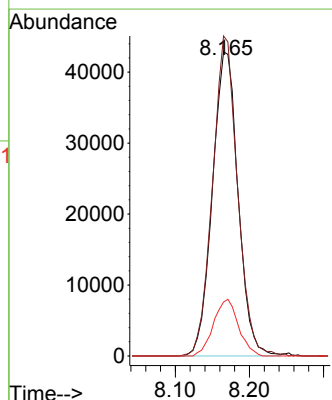
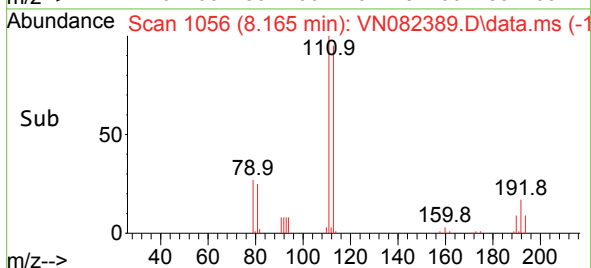
Tgt Ion:114 Resp: 306784
Ion Ratio Lower Upper
114 100
63 22.9 0.0 41.0
88 15.7 0.0 31.4

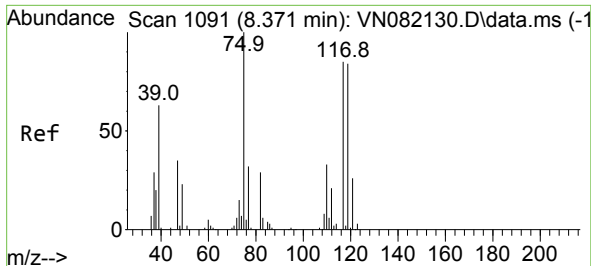


#35
Dibromofluoromethane
Concen: 54.568 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43



Tgt Ion:113 Resp: 102981
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 18.2 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.005 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

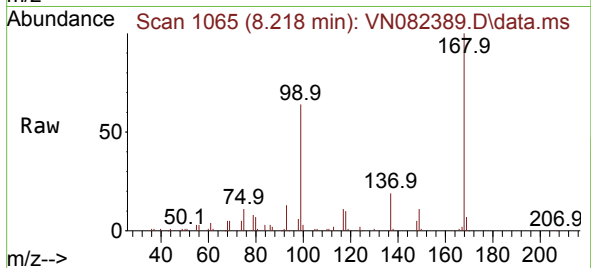
Lab File: VN082389.D

Acq: 30 May 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :



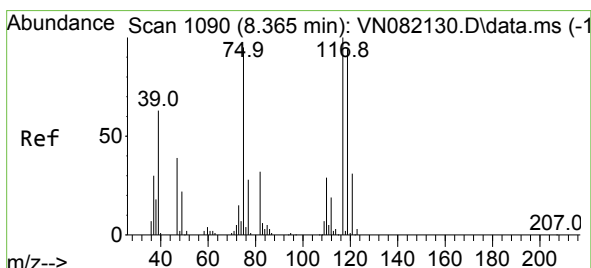
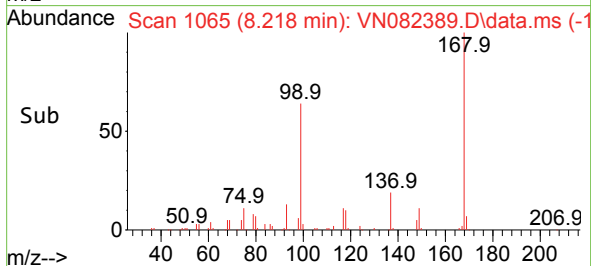
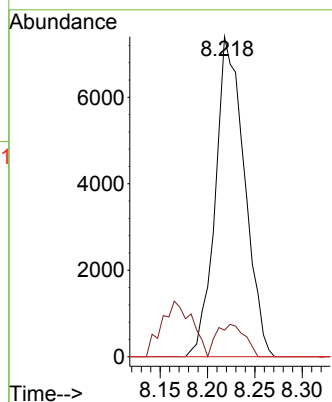
Tgt Ion: 75 Resp: 15843

Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.695 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082389.D

Acq: 30 May 2024 12:43

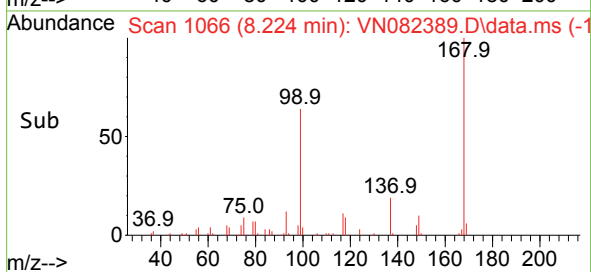
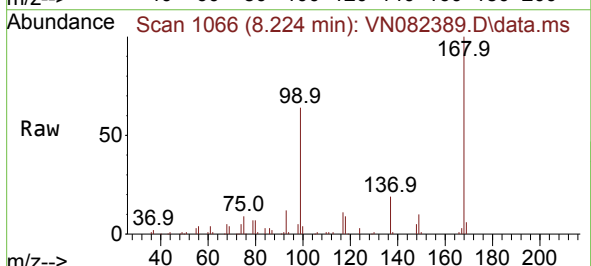
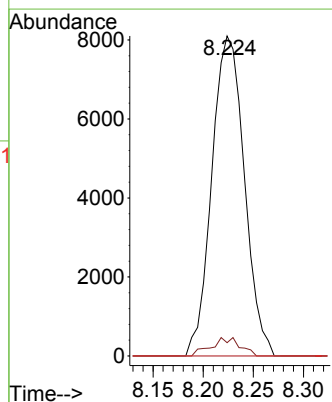
Tgt Ion: 117 Resp: 18272

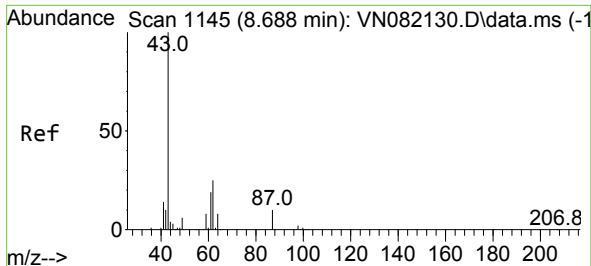
Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

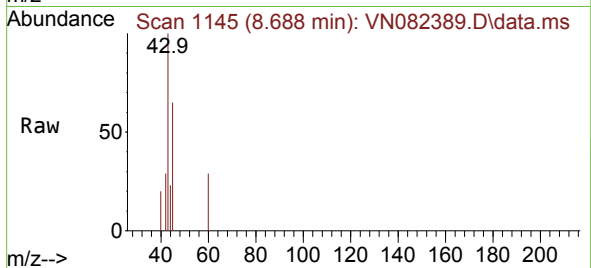
121 0.0 23.9 35.9#



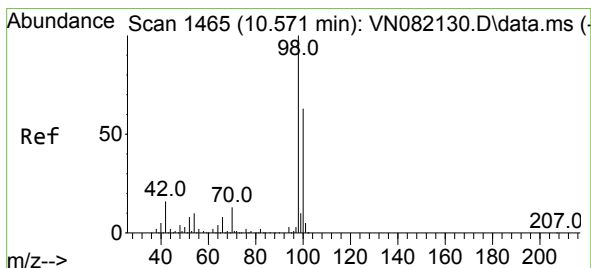
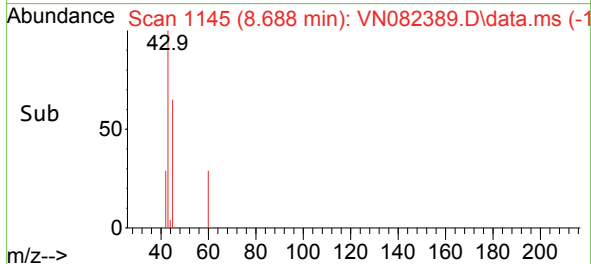
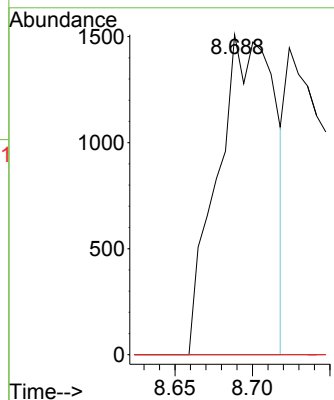


#43
Isopropyl Acetate
Concen: 0.621 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :

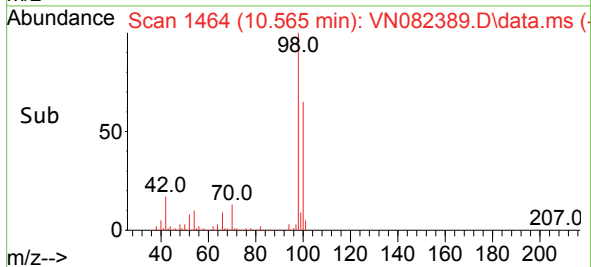
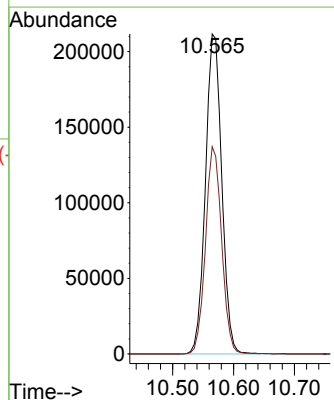
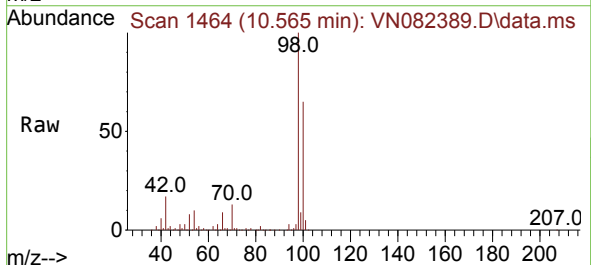


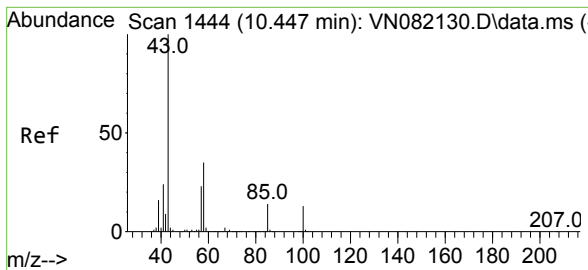
Tgt Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.476 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

Tgt Ion: 98 Resp: 394156
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

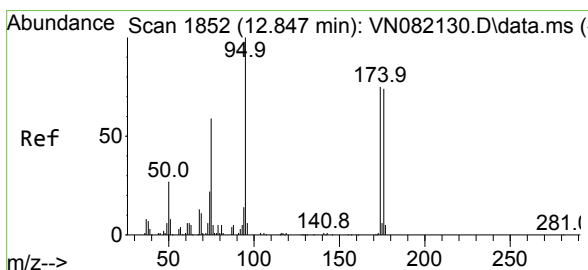
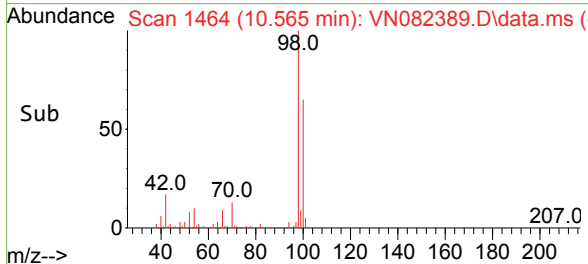
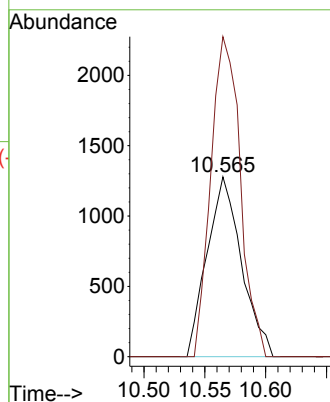
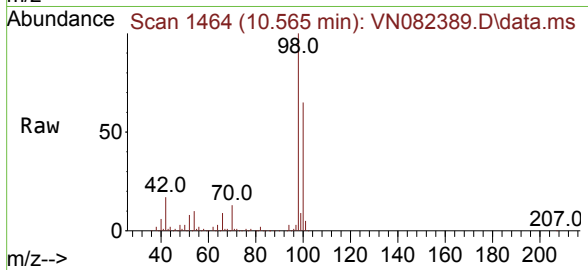




#51
4-Methyl-2-Pentanone
Concen: 0.707 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

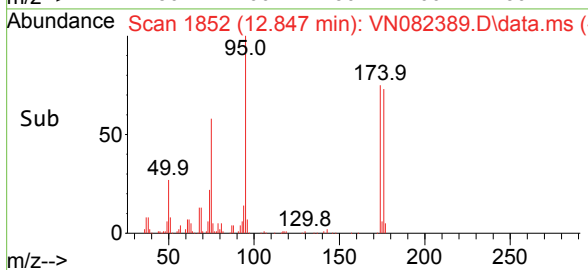
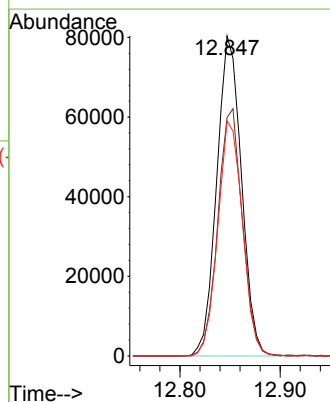
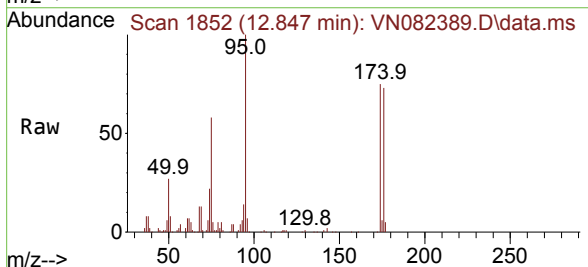
Instrument :
MSVOA_N
ClientSampleId :

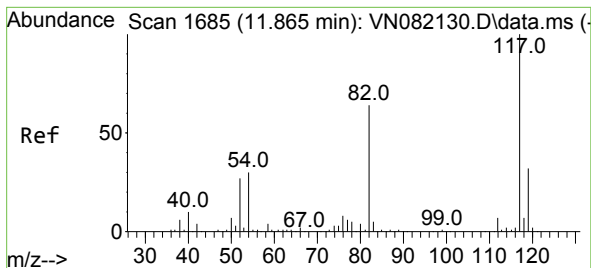
Tgt Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
58 152.3 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 53.235 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082389.D
Acq: 30 May 2024 12:43

Tgt Ion: 95 Resp: 137478
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.4 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

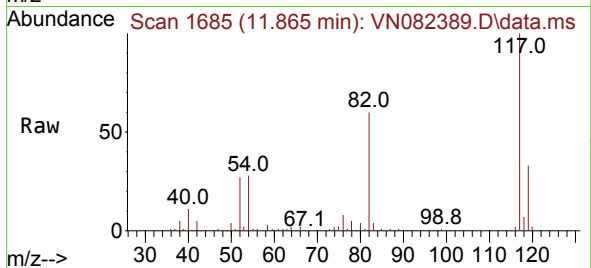
Lab File: VN082389.D

Acq: 30 May 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :



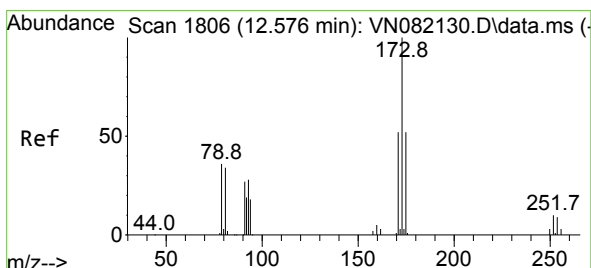
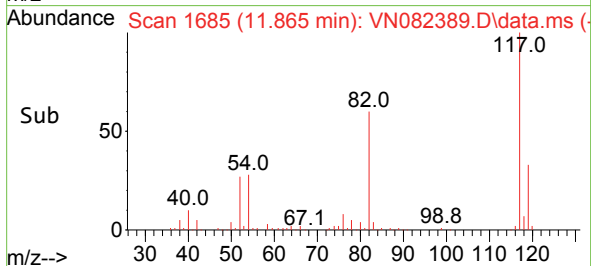
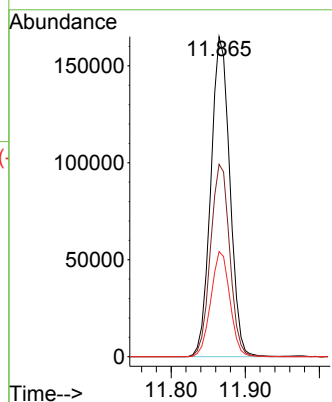
Tgt Ion:117 Resp: 294285

Ion Ratio Lower Upper

117 100

82 60.1 44.6 66.8

119 32.8 25.9 38.9



#71

Bromoform

Concen: 0.741 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082389.D

Acq: 30 May 2024 12:43

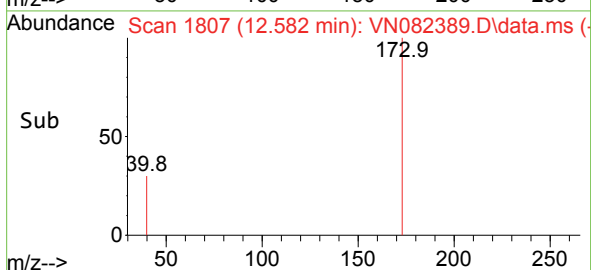
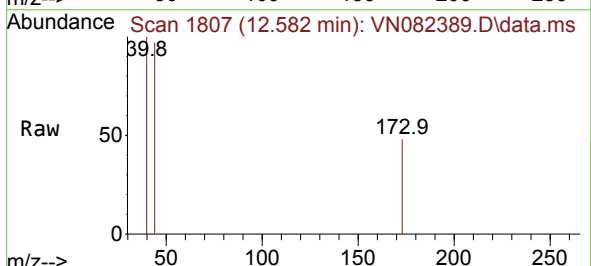
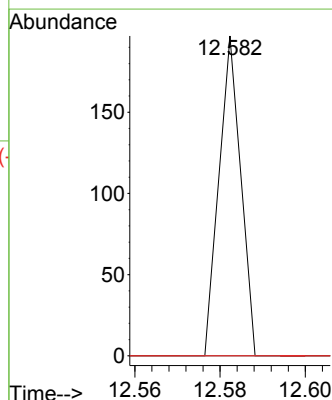
Tgt Ion:173 Resp: 69

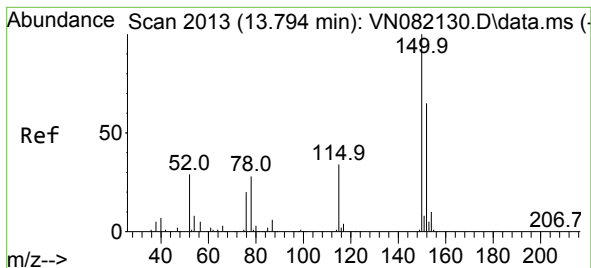
Ion Ratio Lower Upper

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# 20

Delta R.T. 0.000 min

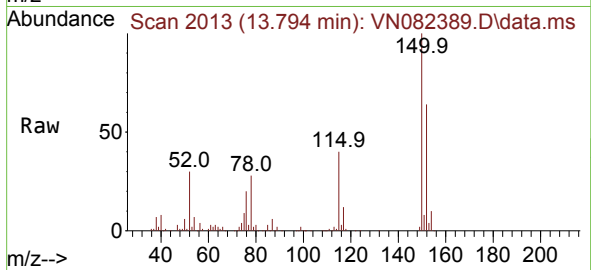
Lab File: VN082389.D

Acq: 30 May 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :



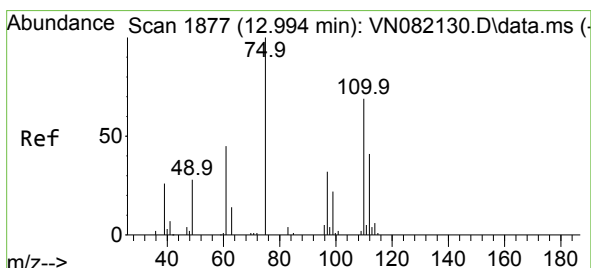
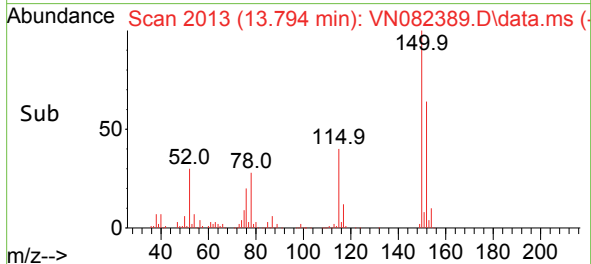
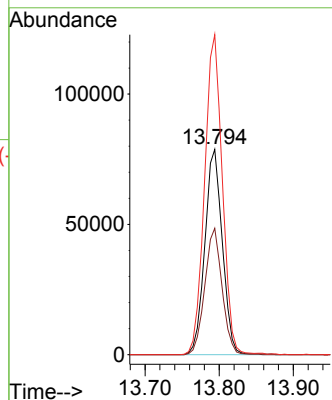
Tgt Ion:152 Resp: 129416

Ion Ratio Lower Upper

152 100

115 60.6 30.4 91.3

150 158.0 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 29.380 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082389.D

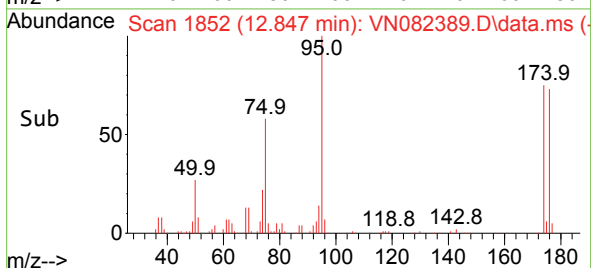
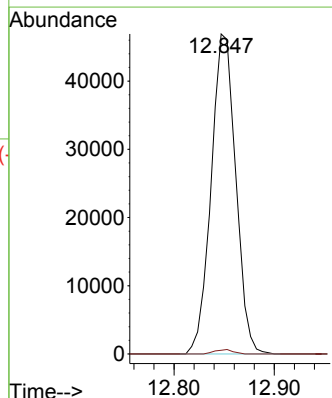
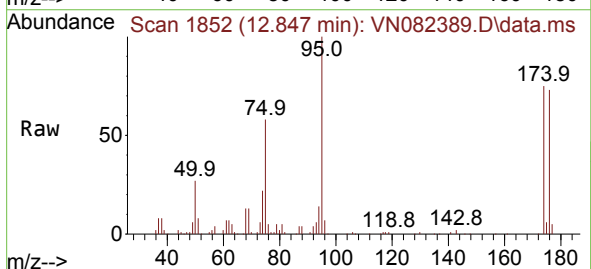
Acq: 30 May 2024 12:43

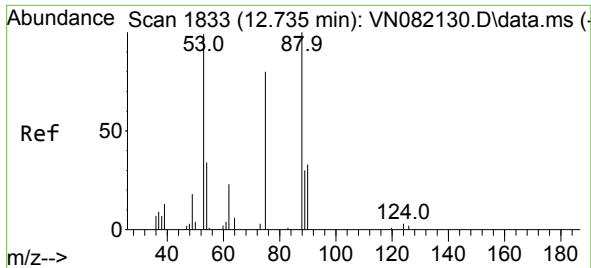
Tgt Ion: 75 Resp: 80027

Ion Ratio Lower Upper

75 100

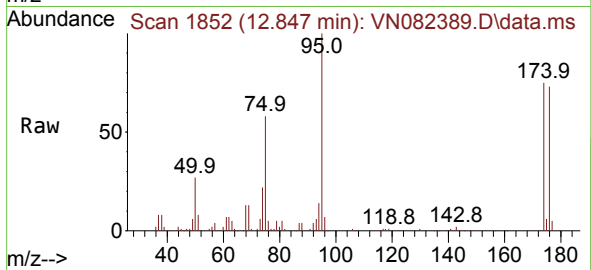
77 1.0 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.718 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082389.D
 Acq: 30 May 2024 12:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 80027
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

