

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082359.D
 Acq On : 28 May 2024 20:09
 Operator : JC\MD
 Sample : P2609-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 29 06:59:42 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)

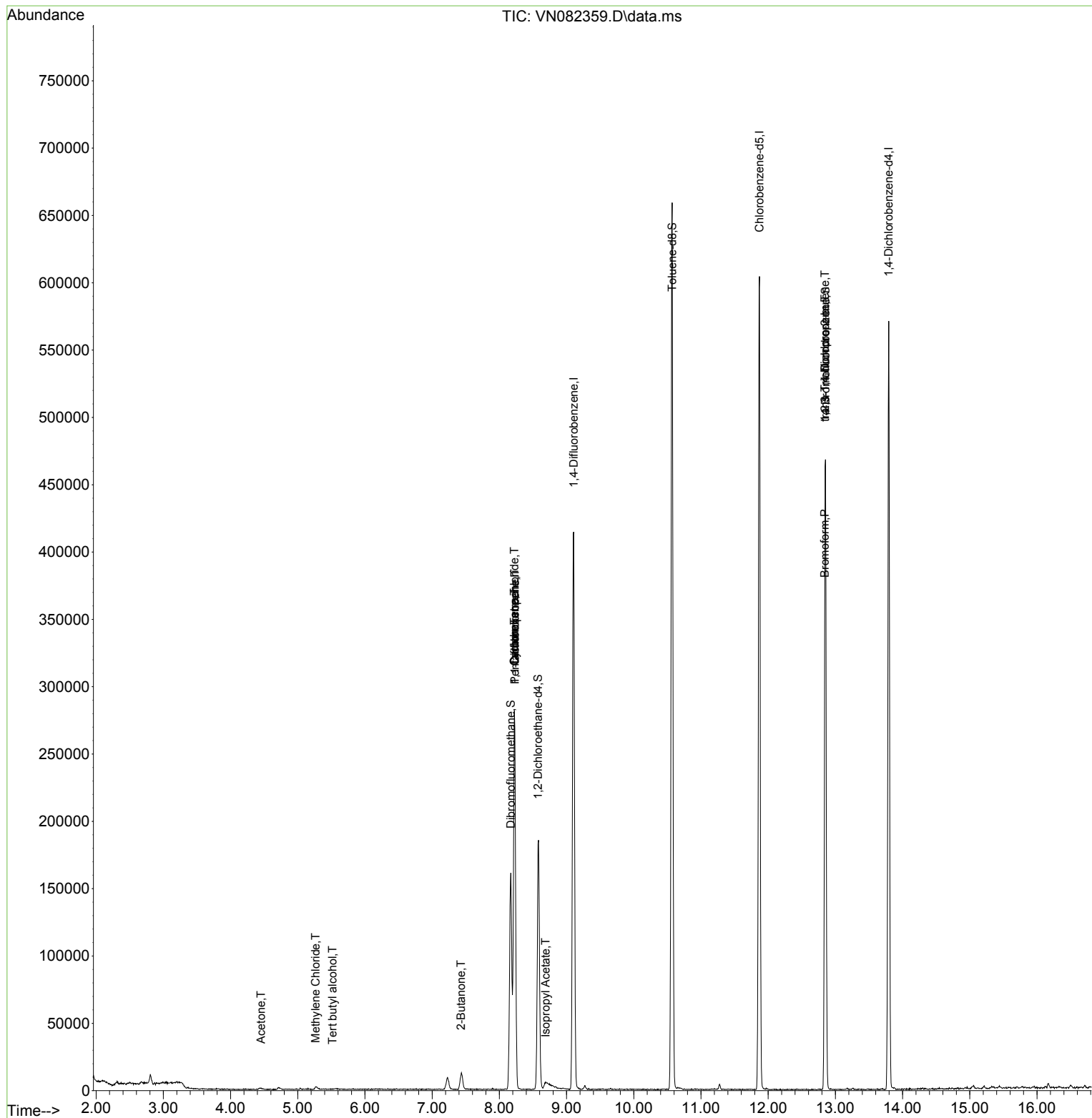
Internal Standards						
1) Pentafluorobenzene	8.230	168	192062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	321685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153860	50.734	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.460%			
35) Dibromofluoromethane	8.171	113	110338	52.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.720%			
50) Toluene-d8	10.571	98	429931	53.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.853	95	155076	53.779	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 107.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	111	0.228	ug/l #	71
16) Acetone	4.453	43	2763	2.221	ug/l #	86
20) Methylene Chloride	5.265	84	1239	0.494	ug/l #	82
25) 2-Butanone	7.430	43	761	0.403	ug/l #	43
31) Cyclohexane	8.224	56	5679	1.172	ug/l #	42
36) 1,1-Dichloropropene	8.230	75	18022	5.099	ug/l #	49
38) Carbon Tetrachloride	8.224	117	21279	5.940	ug/l #	15
43) Isopropyl Acetate	8.688	43	7718	1.101	ug/l #	52
71) Bromoform	12.841	173	296	0.858	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	91381	30.782	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	91381	71.998	ug/l #	12

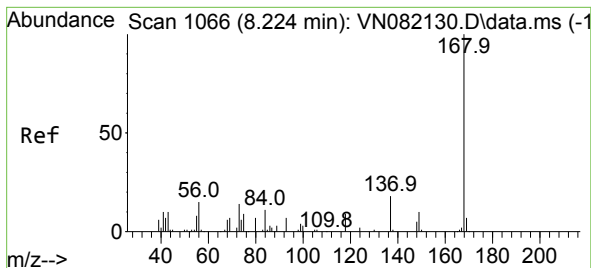
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1

Delta R.T. 0.006 min

Lab File: VN082359.D

Acq: 28 May 2024 20:09

Instrument :

MSVOA_N

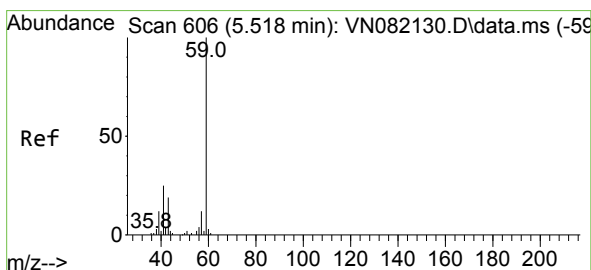
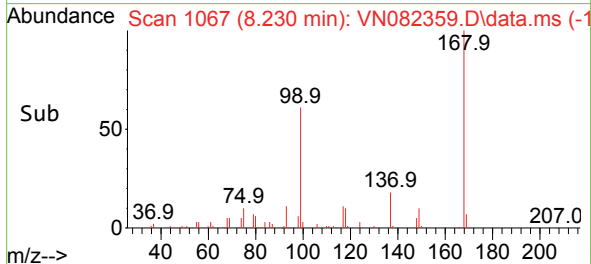
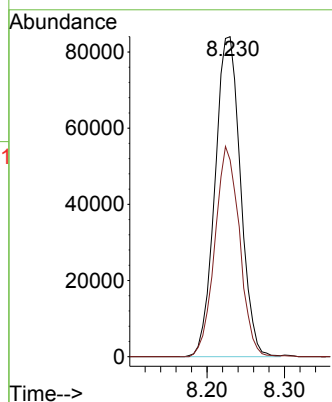
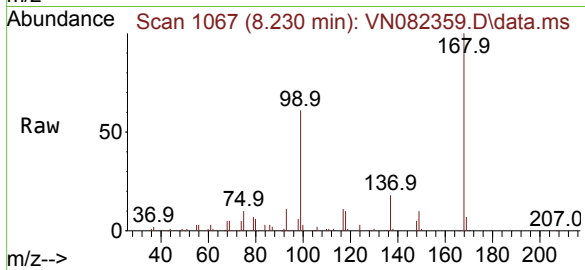
ClientSampleId :

Tgt Ion:168 Resp: 192062

Ion Ratio Lower Upper

168 100

99 61.4 48.2 72.4



#11

Tert butyl alcohol

Concen: 0.228 ug/l

RT: 5.518 min Scan# 606

Delta R.T. -0.000 min

Lab File: VN082359.D

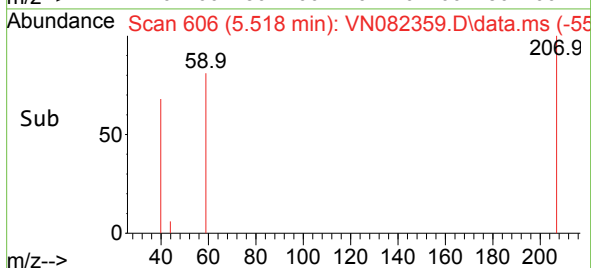
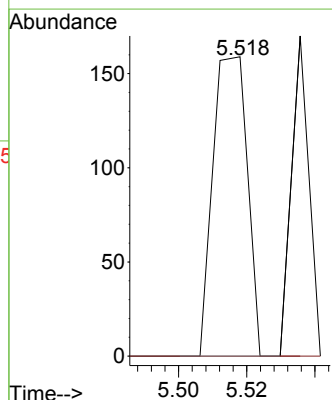
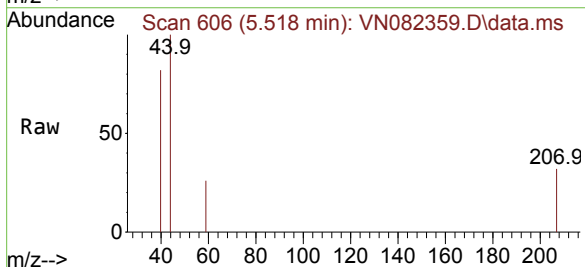
Acq: 28 May 2024 20:09

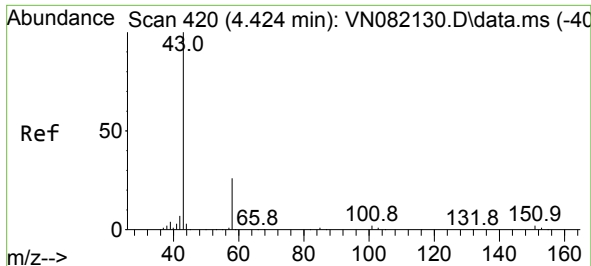
Tgt Ion: 59 Resp: 111

Ion Ratio Lower Upper

59 100

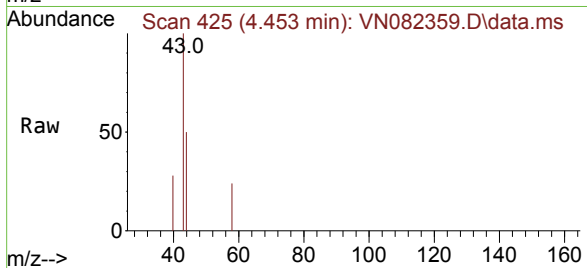
57 0.0 8.9 13.3#



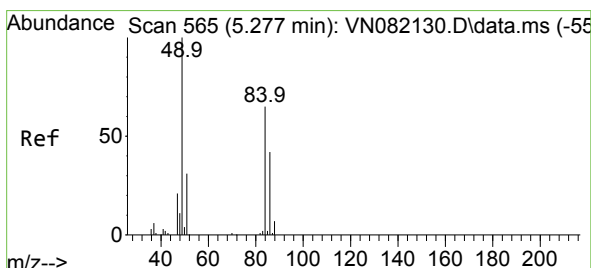
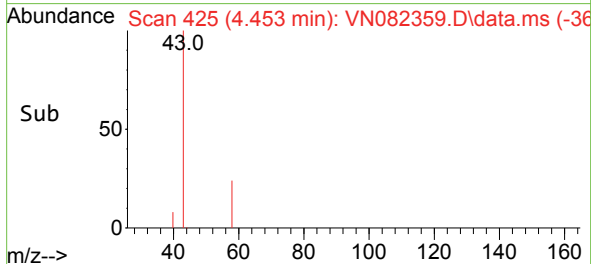
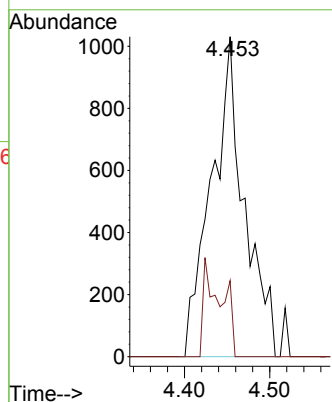


#16
Acetone
Concen: 2.221 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN082359.D
Acq: 28 May 2024 20:09

Instrument :
MSVOA_N
ClientSampleId :

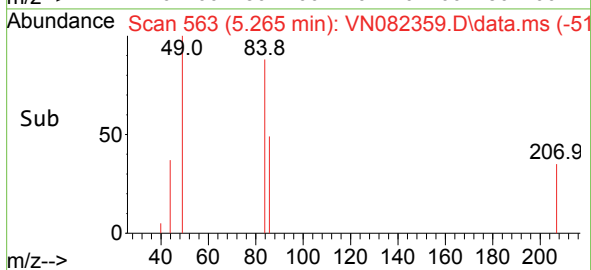
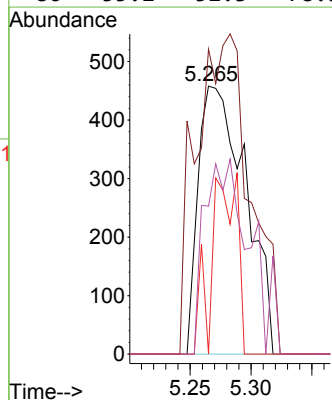
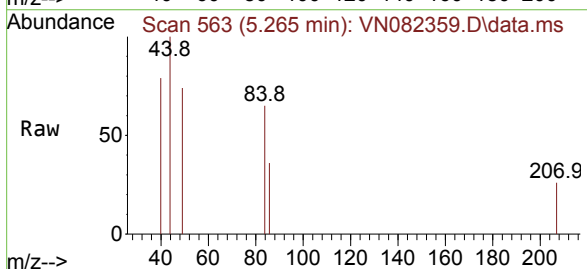


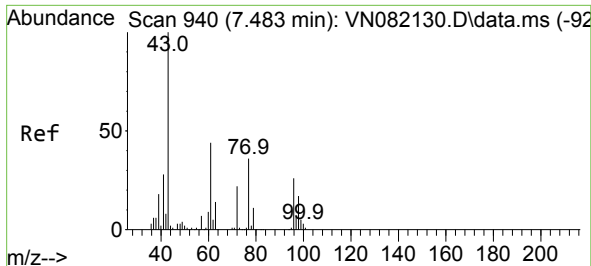
Tgt Ion: 43 Resp: 2763
Ion Ratio Lower Upper
43 100
58 23.8 25.2 37.8#



#20
Methylene Chloride
Concen: 0.494 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN082359.D
Acq: 28 May 2024 20:09

Tgt Ion: 84 Resp: 1239
Ion Ratio Lower Upper
84 100
49 113.8 84.9 127.3
51 0.0 27.0 40.6#
86 55.2 52.3 78.5

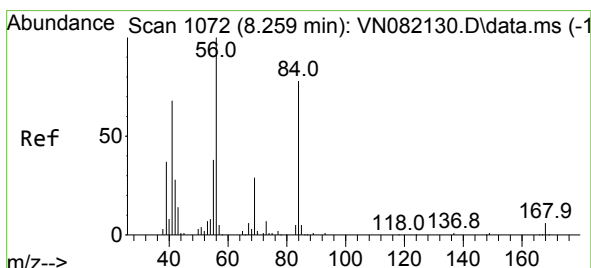
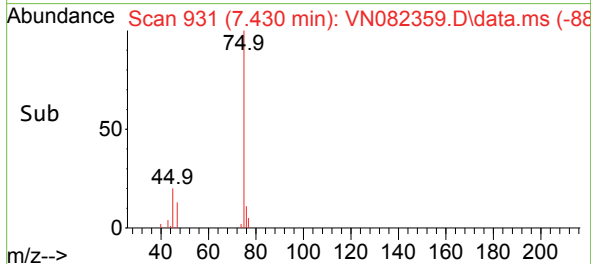
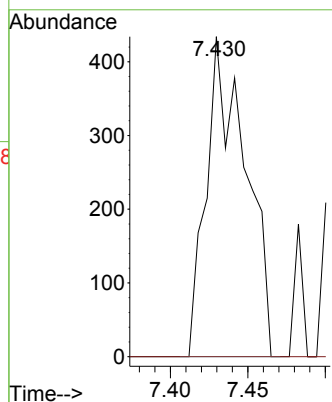
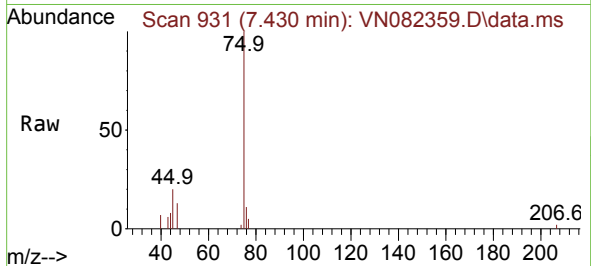




#25
2-Butanone
Concen: 0.403 ug/l
RT: 7.430 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN082359.D
Acq: 28 May 2024 20:09

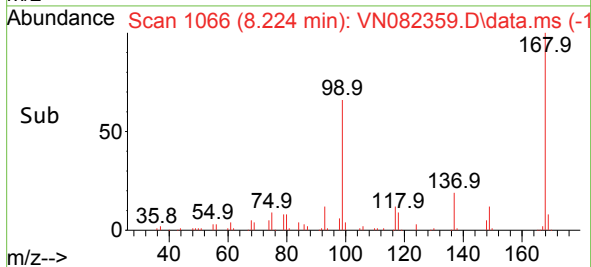
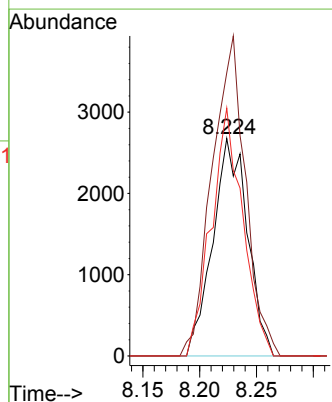
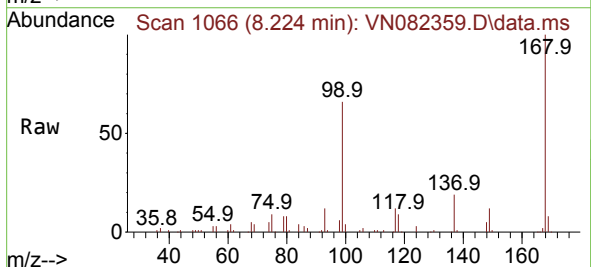
Instrument :
MSVOA_N
ClientSampleId :

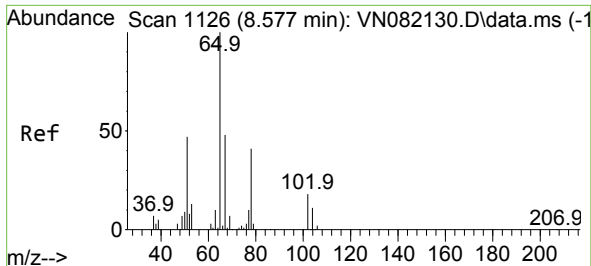
Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.172 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082359.D
Acq: 28 May 2024 20:09

Tgt Ion: 56 Resp: 5679
Ion Ratio Lower Upper
56 100
69 130.3 24.4 36.6#
84 114.0 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 50.734 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082359.D

Acq: 28 May 2024 20:09

Instrument :

MSVOA_N

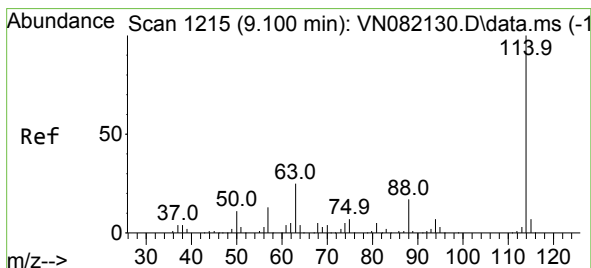
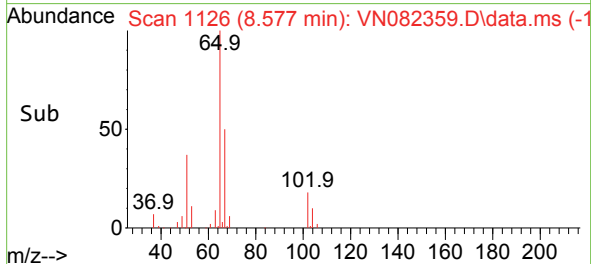
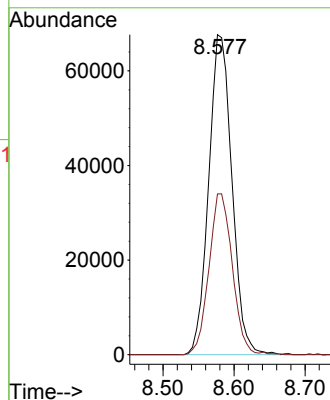
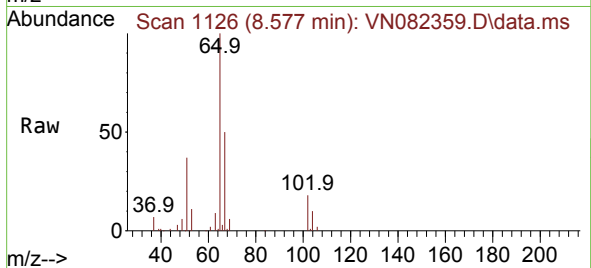
ClientSampleId :

Tgt Ion: 65 Resp: 153860

Ion Ratio Lower Upper

65 100

67 50.7 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: VN082359.D

Acq: 28 May 2024 20:09

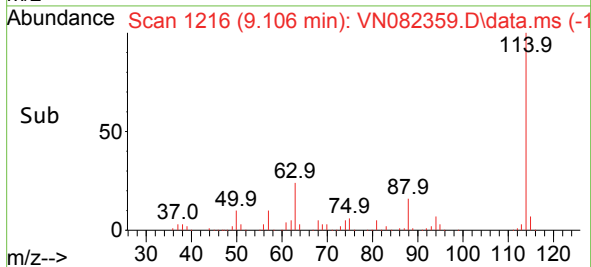
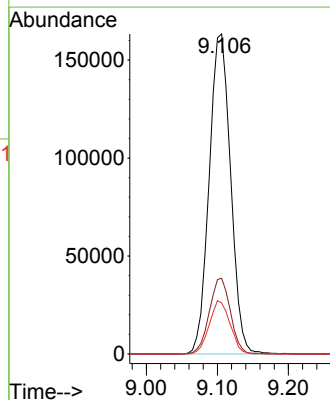
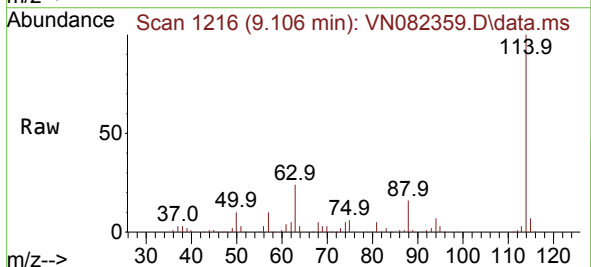
Tgt Ion: 114 Resp: 342553

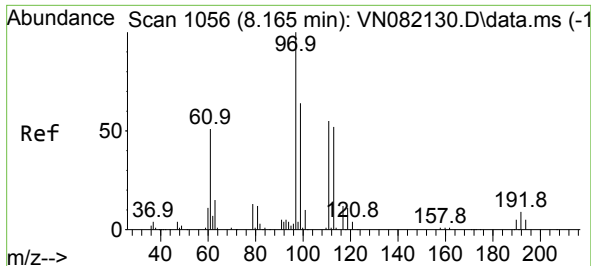
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 15.9 0.0 31.4

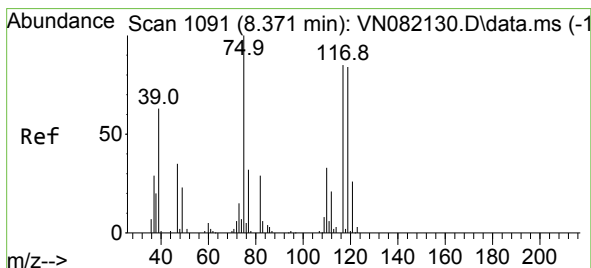
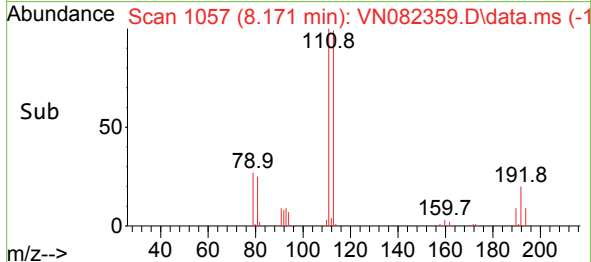
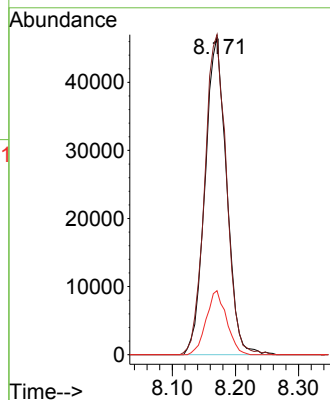
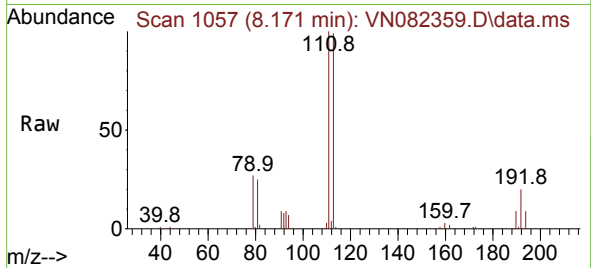




#35
 Dibromofluoromethane
 Concen: 52.362 ug/l
 RT: 8.171 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VN082359.D
 Acq: 28 May 2024 20:09

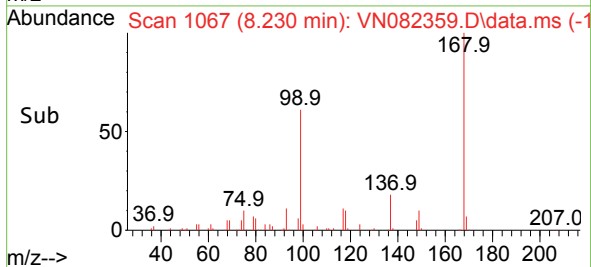
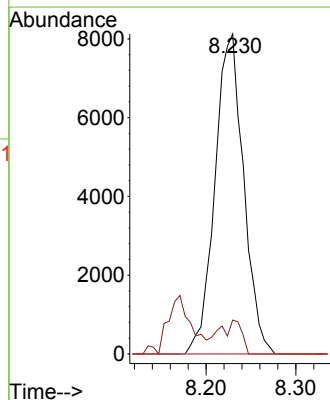
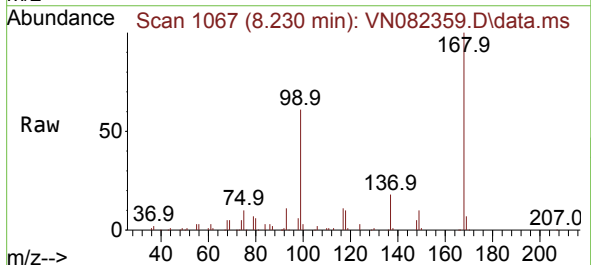
Instrument :
 MSVOA_N
 ClientSampleId :

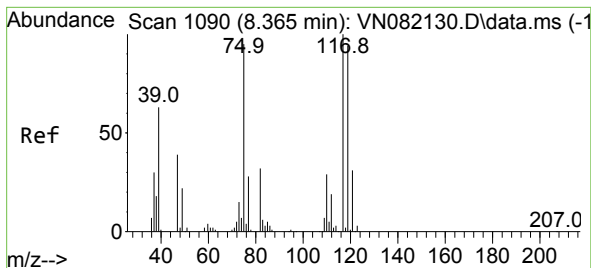
Tgt Ion:113 Resp: 110338
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.2
 192 19.1 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.099 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN082359.D
 Acq: 28 May 2024 20:09

Tgt Ion: 75 Resp: 18022
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.940 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

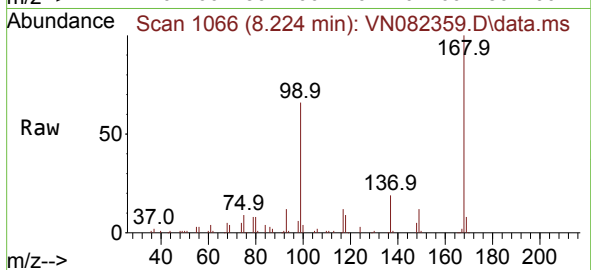
Lab File: VN082359.D

Acq: 28 May 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :



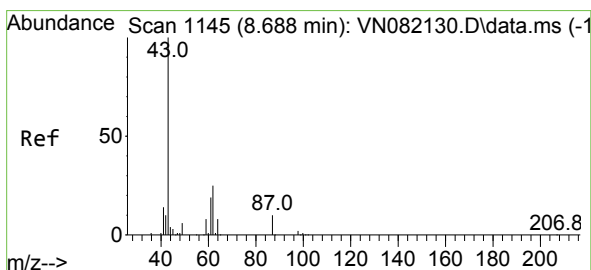
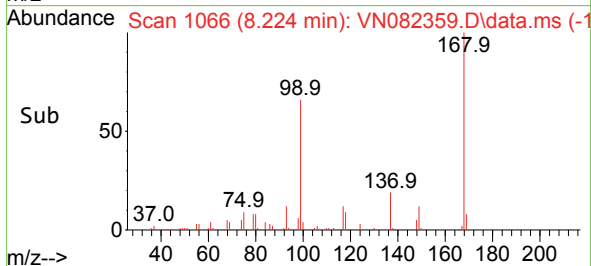
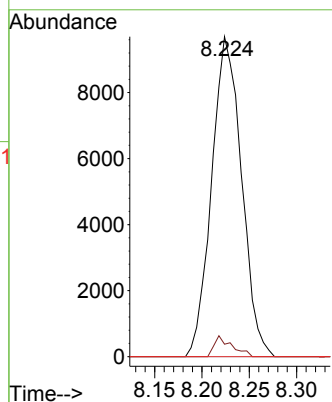
Tgt Ion:117 Resp: 21279

Ion Ratio Lower Upper

117 100

119 3.9 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.101 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082359.D

Acq: 28 May 2024 20:09

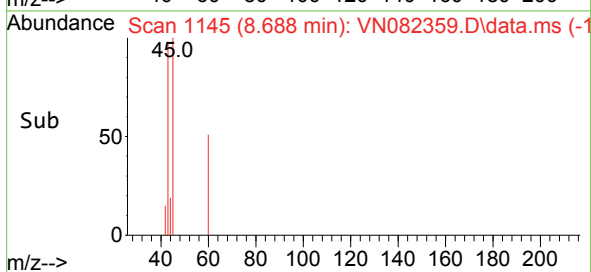
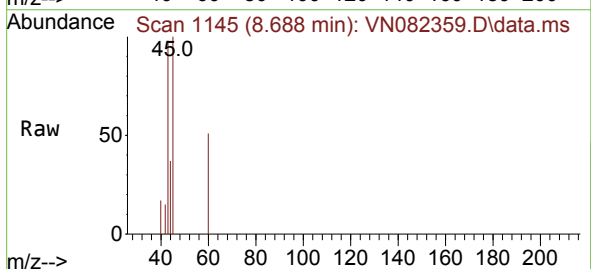
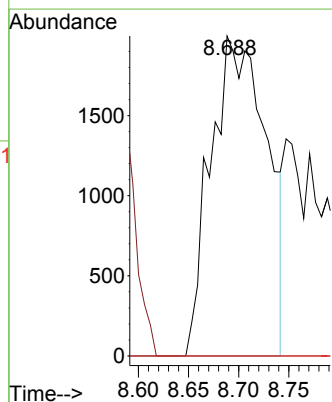
Tgt Ion: 43 Resp: 7718

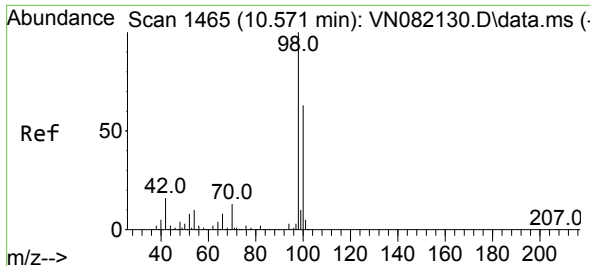
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

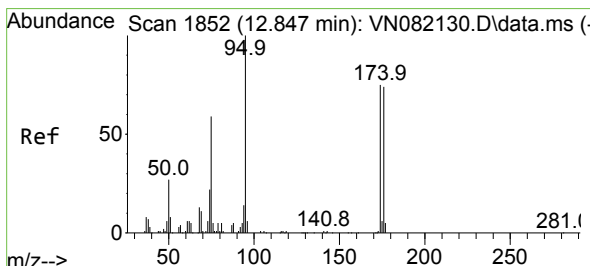
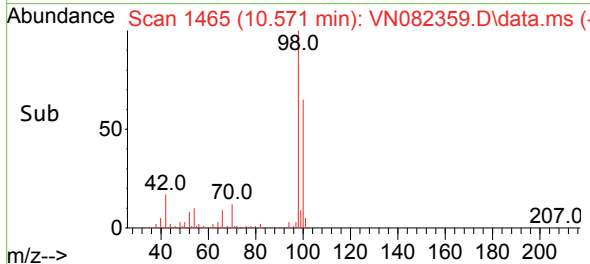
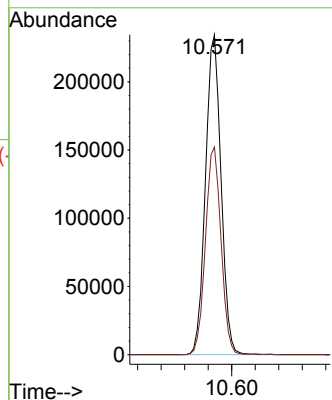
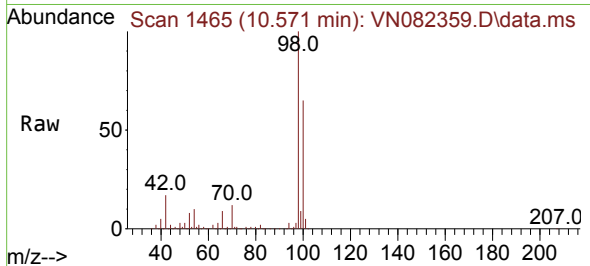




#50
Toluene-d8
Concen: 53.216 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082359.D
Acq: 28 May 2024 20:09

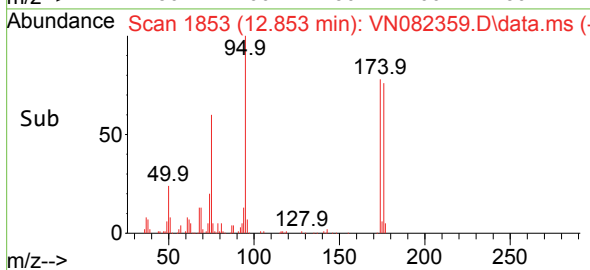
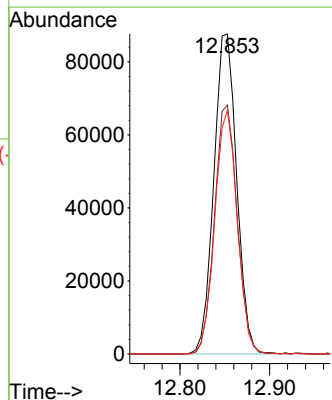
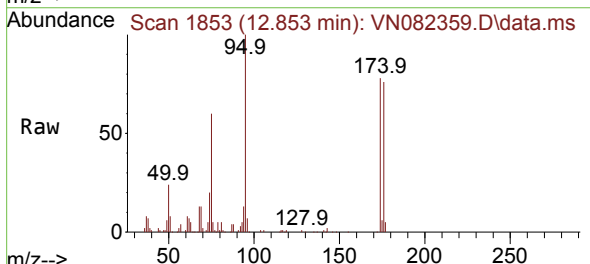
Instrument :
MSVOA_N
ClientSampleId :

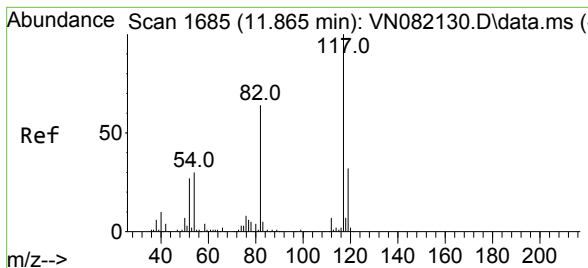
Tgt Ion: 98 Resp: 429931
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.779 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082359.D
Acq: 28 May 2024 20:09

Tgt Ion: 95 Resp: 155076
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.6
176 74.5 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: VN082359.D

Acq: 28 May 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

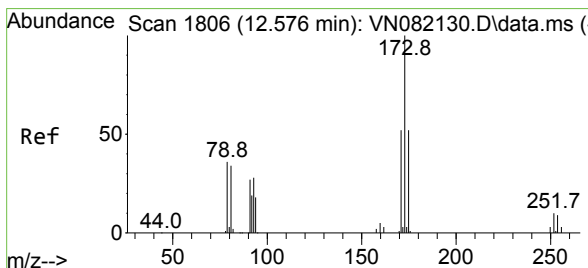
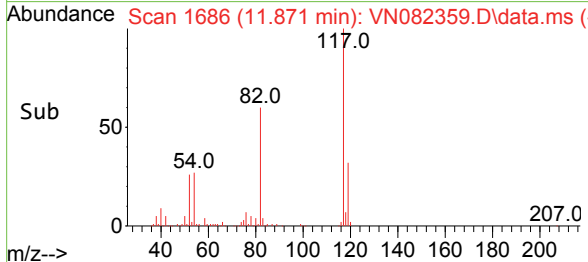
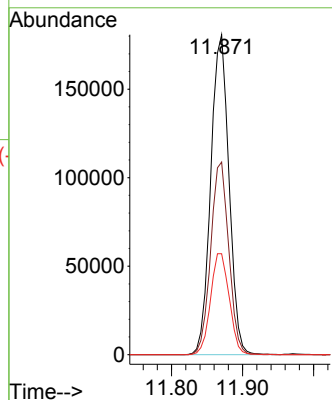
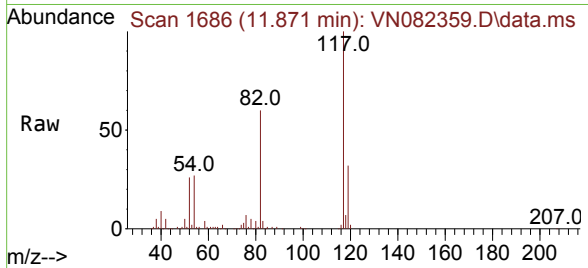
Tgt Ion:117 Resp: 321685

Ion Ratio Lower Upper

117 100

82 60.2 44.6 66.8

119 31.5 25.9 38.9



#71

Bromoform

Concen: 0.858 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.265 min

Lab File: VN082359.D

Acq: 28 May 2024 20:09

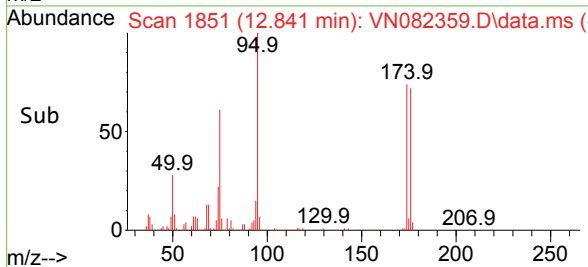
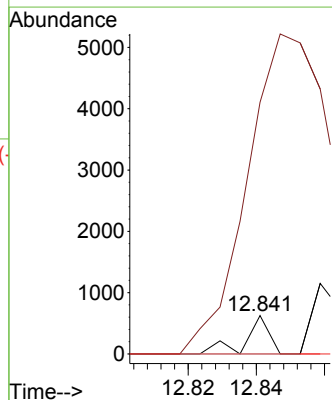
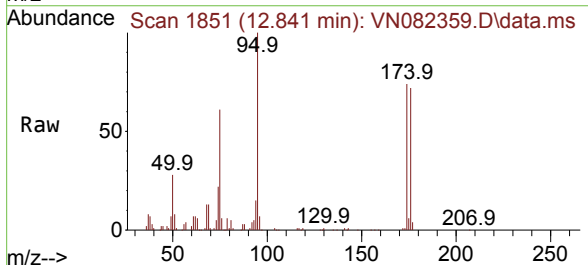
Tgt Ion:173 Resp: 296

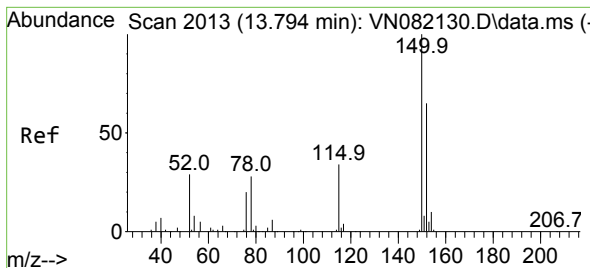
Ion Ratio Lower Upper

173 100

175 2114.5 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

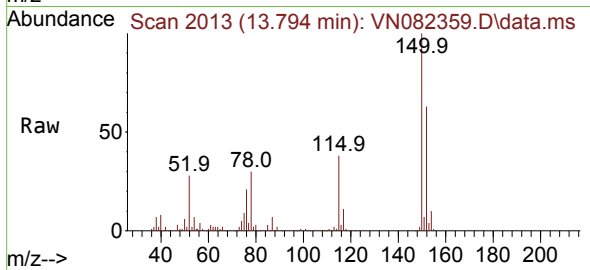
Lab File: VN082359.D

Acq: 28 May 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :



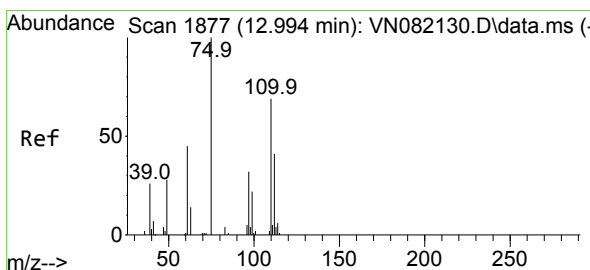
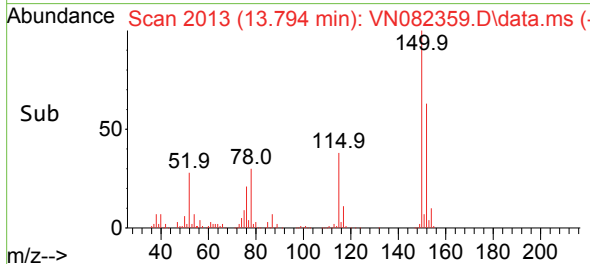
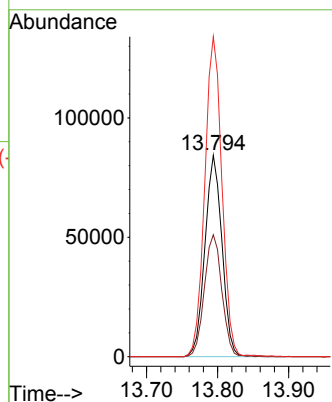
Tgt Ion:152 Resp: 141045

Ion Ratio Lower Upper

152 100

115 62.0 30.4 91.3

150 159.7 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 30.782 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082359.D

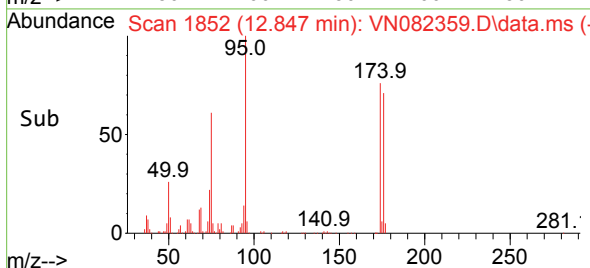
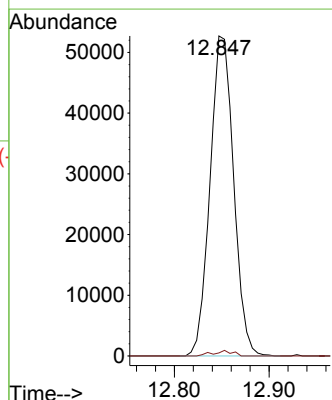
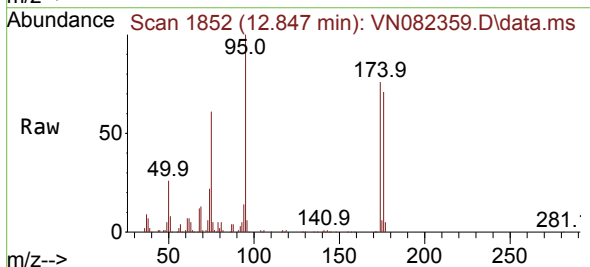
Acq: 28 May 2024 20:09

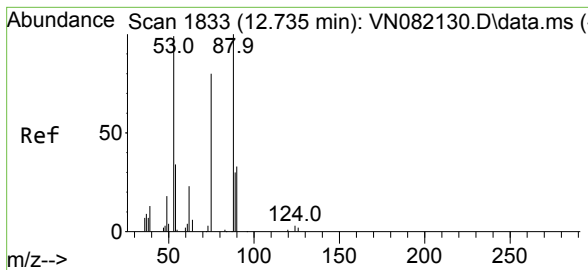
Tgt Ion: 75 Resp: 91381

Ion Ratio Lower Upper

75 100

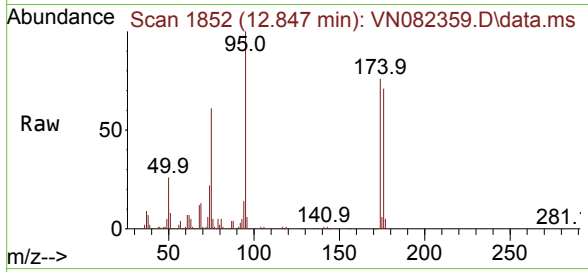
77 1.4 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.998 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082359.D
 Acq: 28 May 2024 20:09

Instrument :
 MSVOA_N
 ClientSampleId :



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

