

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082339.D
 Acq On : 28 May 2024 11:52
 Operator : JC\MD
 Sample : VN0528WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBL01

Quant Time: May 29 06:46:29 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

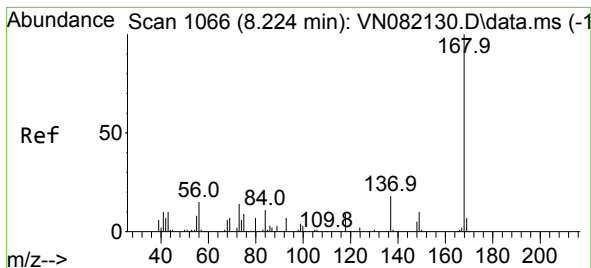
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	235955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	405150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179610	48.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.420%		
35) Dibromofluoromethane	8.171	113	129137	51.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.620%		
50) Toluene-d8	10.565	98	507470	53.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.220%		
62) 4-Bromofluorobenzene	12.847	95	182988	53.654	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	107.300%		
Target Compounds			Qvalue			
5) Bromomethane	2.983	94	1217	0.584	ug/l #	71
16) Acetone	4.430	43	512	0.335	ug/l #	43
17) Carbon Disulfide	4.712	76	1814	0.218	ug/l #	74
31) Cyclohexane	8.224	56	6923	1.163	ug/l #	51
36) 1,1-Dichloropropene	8.230	75	20957	5.014	ug/l #	49
38) Carbon Tetrachloride	8.224	117	25361	5.985	ug/l #	16
43) Isopropyl Acetate	8.689	43	2949	0.356	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	3109	0.660	ug/l #	1
71) Bromoform	12.582	173	58	0.727	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	107216	30.910	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	107216	72.297	ug/l #	12
94) Hexachlorobutadiene	15.506	225	454	0.345	ug/l #	29

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

Quant Time: May 29 06:46:29 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

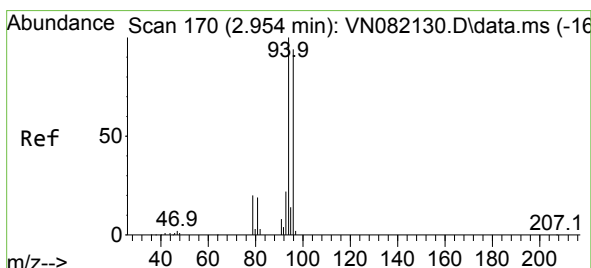
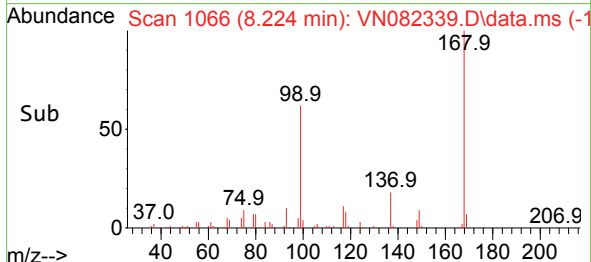
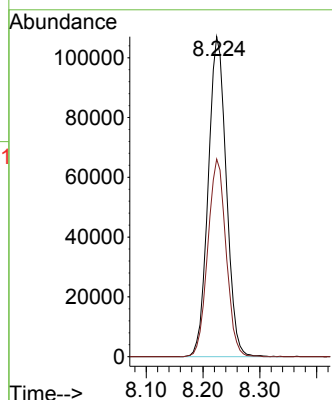
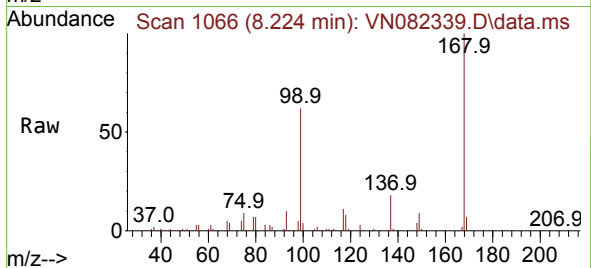
VN0528WBL01

Tgt Ion:168 Resp: 235955

Ion Ratio Lower Upper

168 100

99 61.7 48.2 72.4



#5

Bromomethane

Concen: 0.584 ug/l

RT: 2.983 min Scan# 175

Delta R.T. 0.030 min

Lab File: VN082339.D

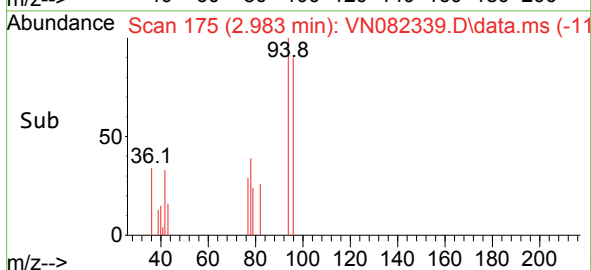
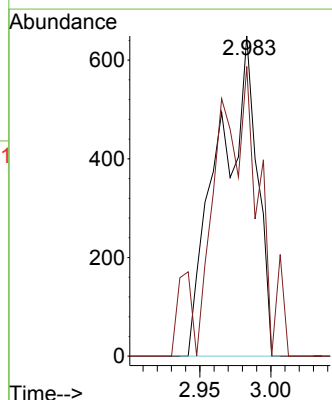
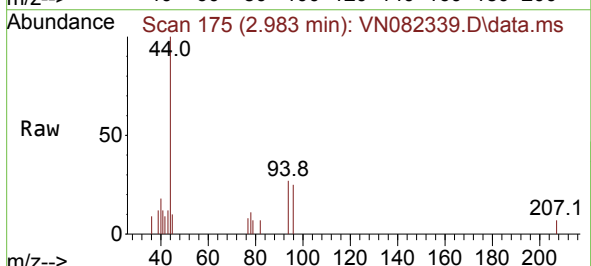
Acq: 28 May 2024 11:52

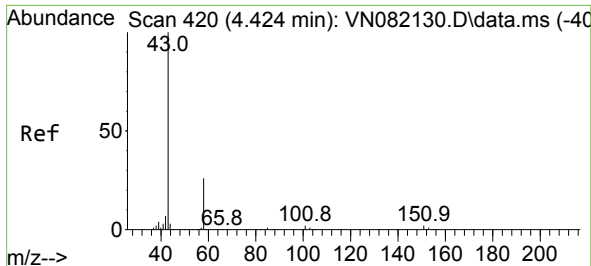
Tgt Ion: 94 Resp: 1217

Ion Ratio Lower Upper

94 100

96 65.9 74.8 112.2#





#16

Acetone

Concen: 0.335 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082339.D

Acq: 28 May 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

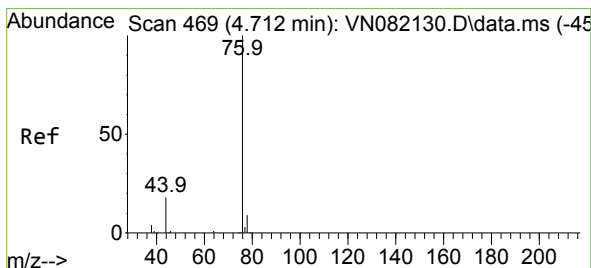
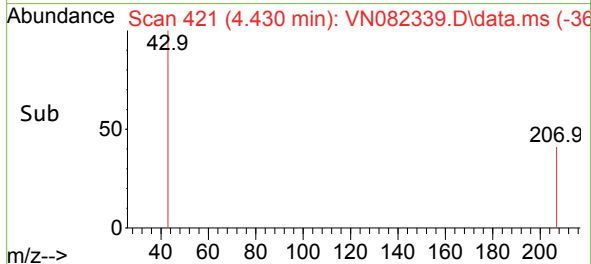
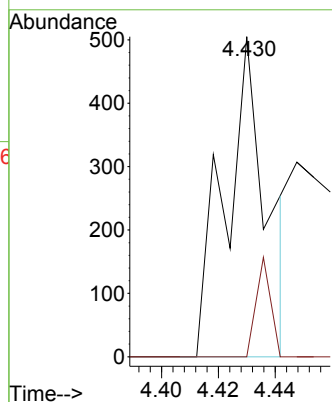
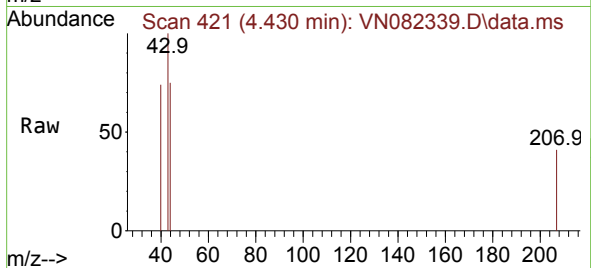
VN0528WBL01

Tgt Ion: 43 Resp: 512

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082339.D

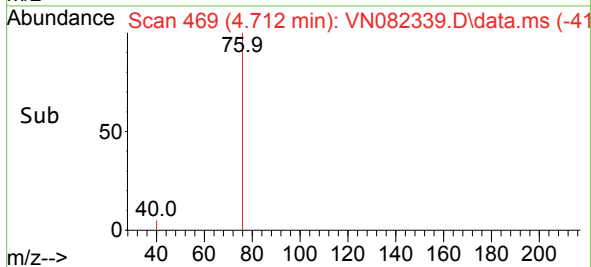
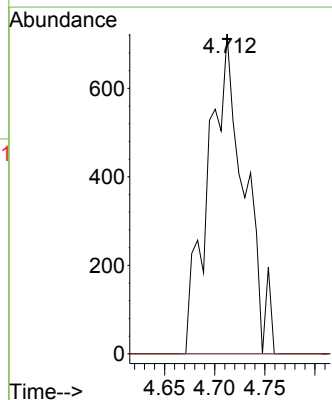
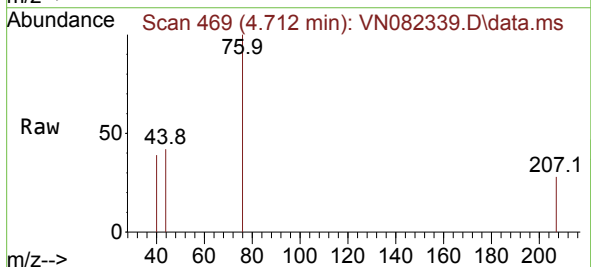
Acq: 28 May 2024 11:52

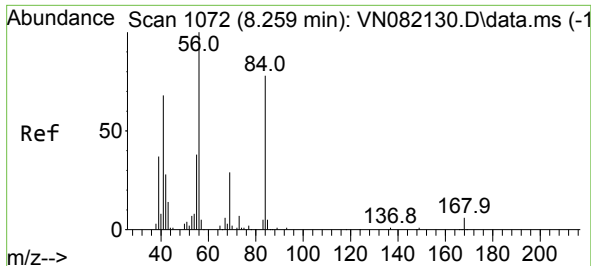
Tgt Ion: 76 Resp: 1814

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

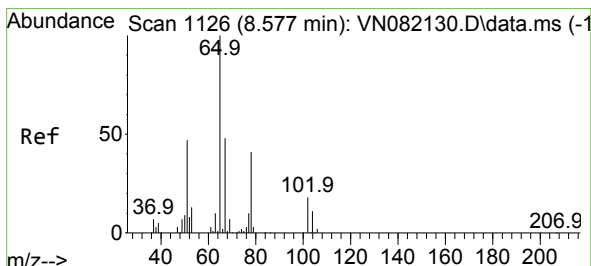
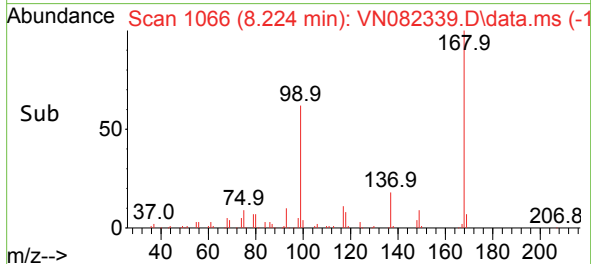
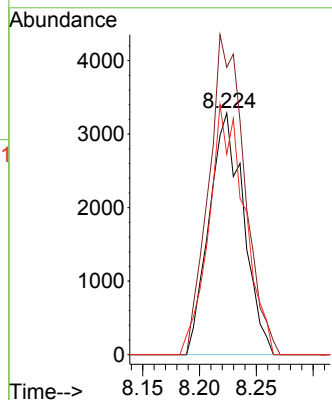
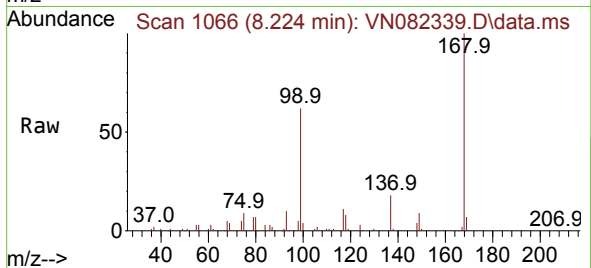




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

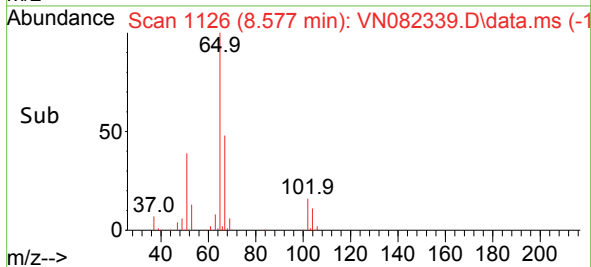
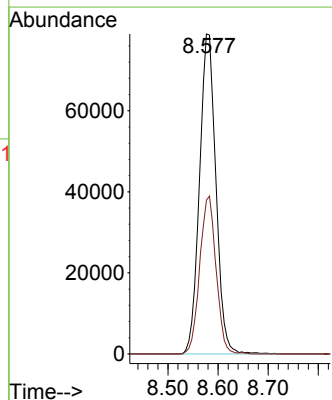
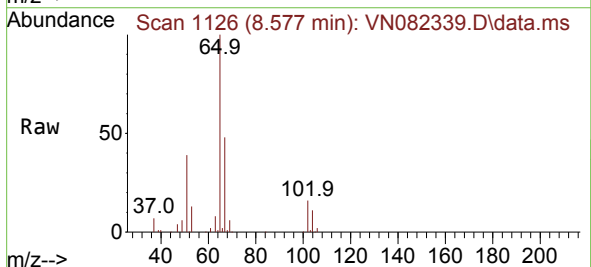
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBL01

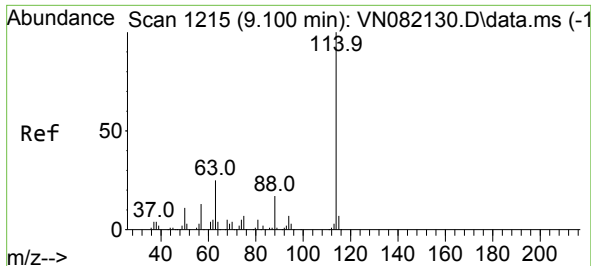
Tgt Ion: 56 Resp: 6923
Ion Ratio Lower Upper
56 100
69 119.0 24.4 36.6#
84 83.0 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 48.207 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

Tgt Ion: 65 Resp: 179610
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.0

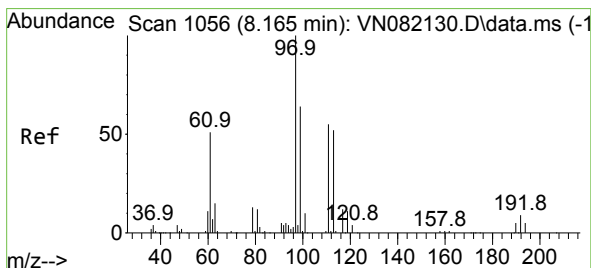
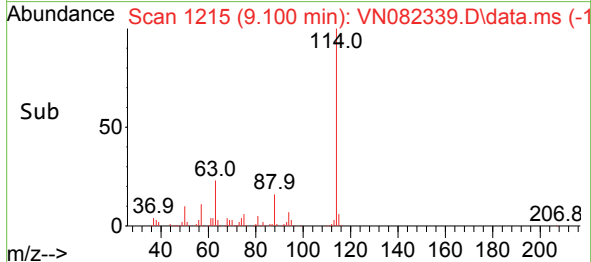
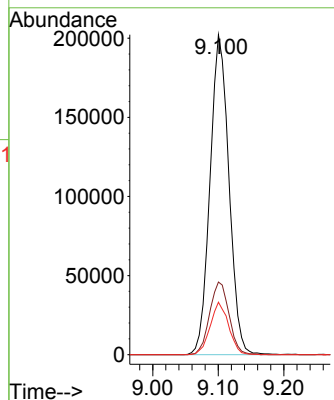
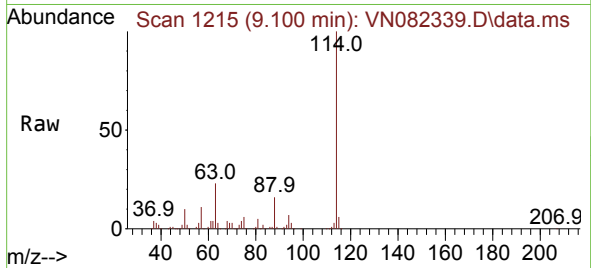




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN082339.D
 Acq: 28 May 2024 11:52

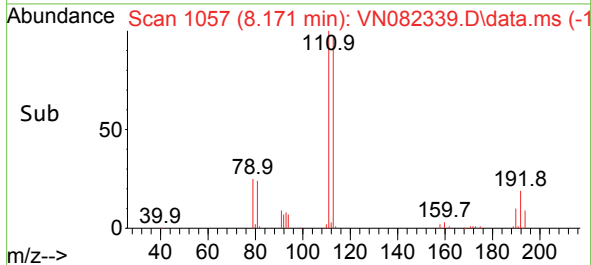
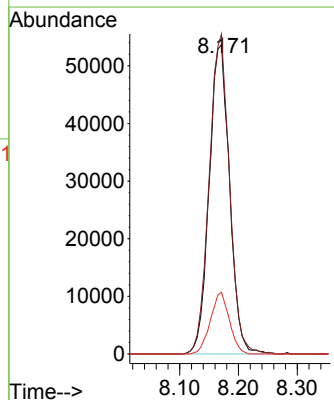
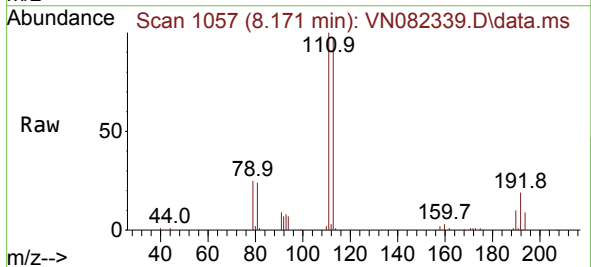
Instrument :
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 ClientSampleId :
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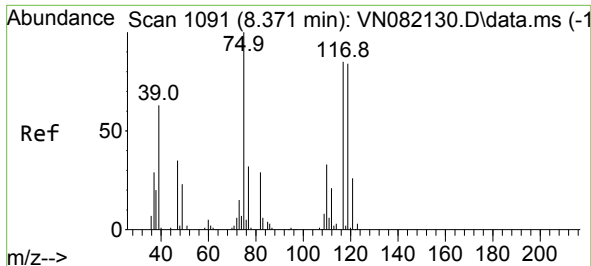
Tgt Ion:114 Resp: 405150
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.0
 88 16.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 51.814 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082339.D
 Acq: 28 May 2024 11:52

Tgt Ion:113 Resp: 129137
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.2
 192 18.6 14.0 21.0

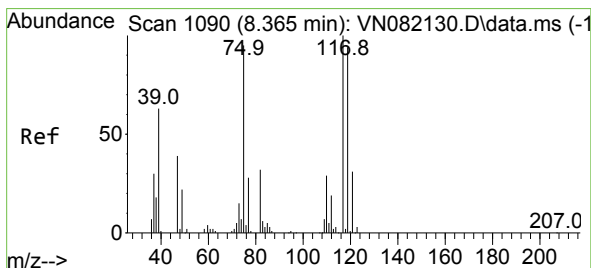
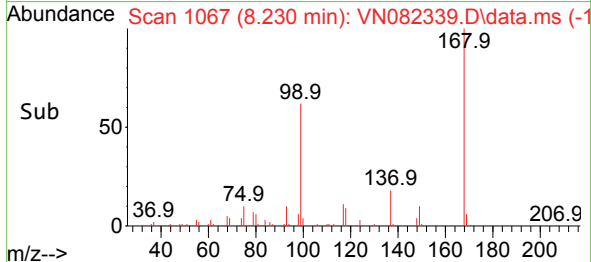
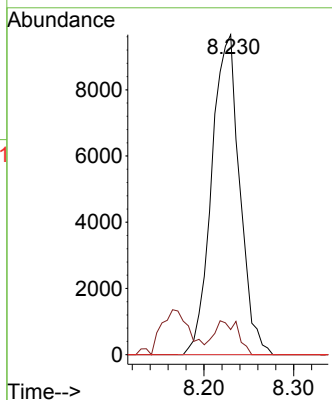
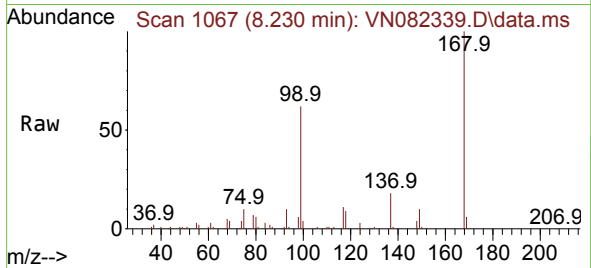




#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

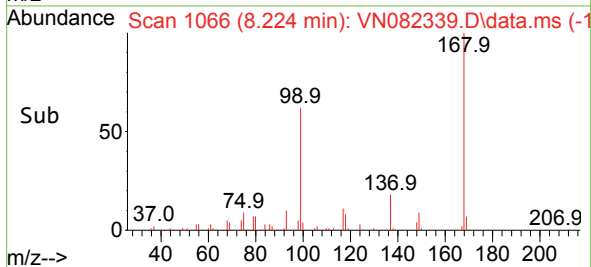
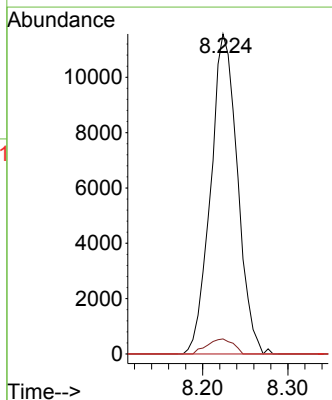
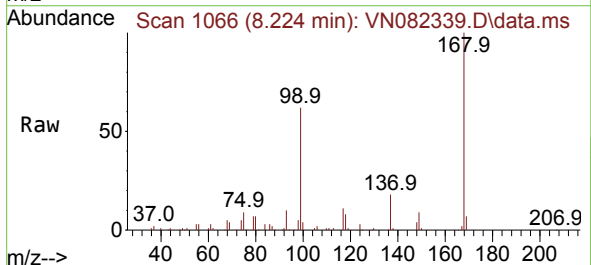
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ClientSampleId :
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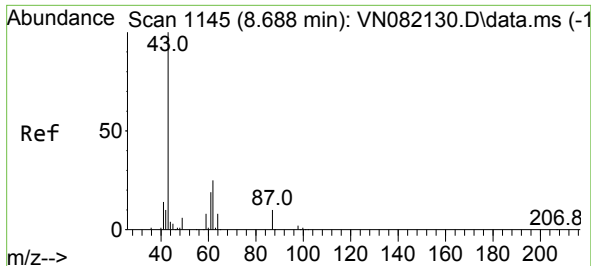
Tgt Ion: 75 Resp: 20957
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

Tgt Ion: 117 Resp: 25361
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 23.9 35.9#

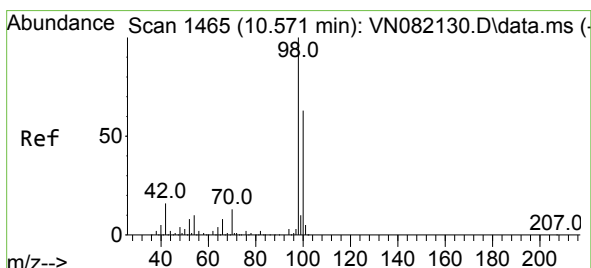
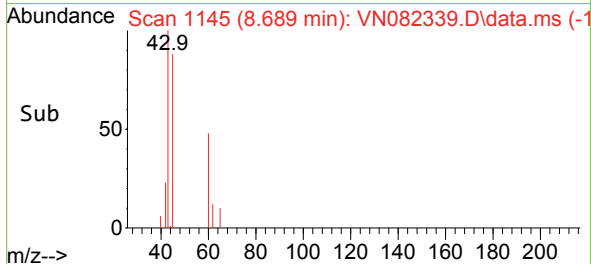
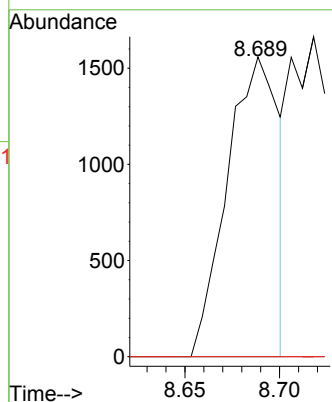
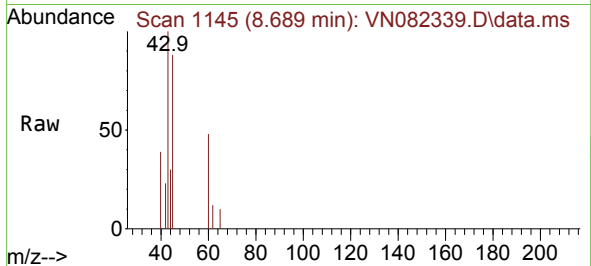




#43
Isopropyl Acetate
Concen: 0.356 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

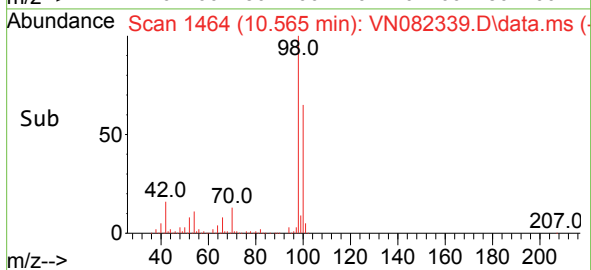
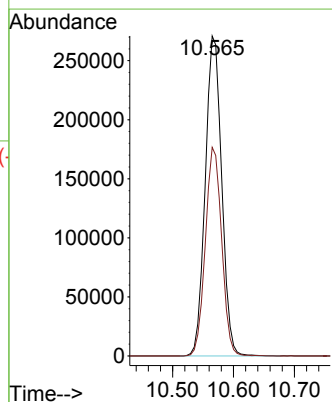
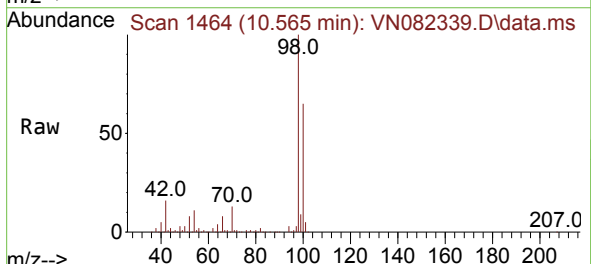
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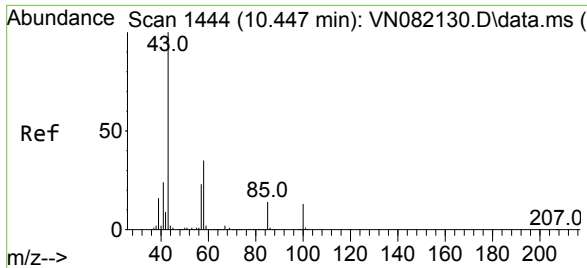
Tgt Ion: 43 Resp: 2949
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.109 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

Tgt Ion: 98 Resp: 507470
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

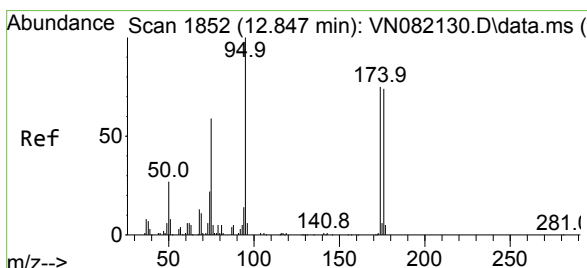
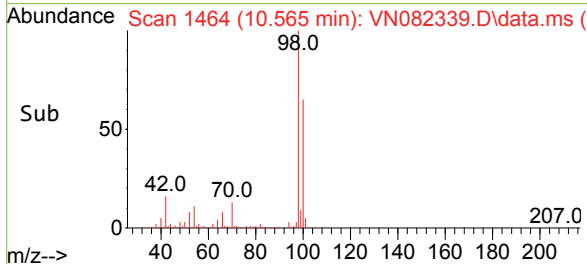
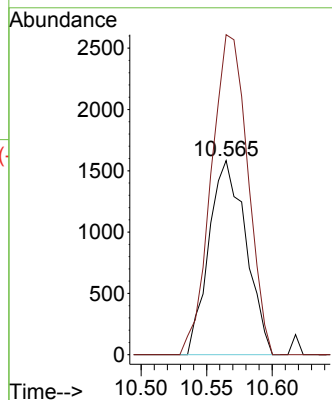
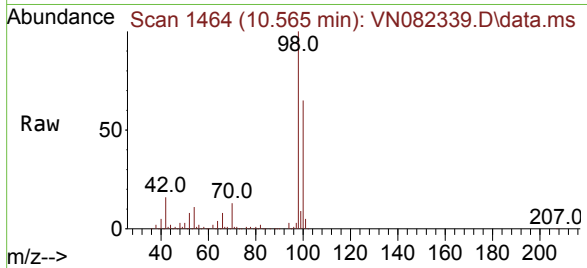




#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

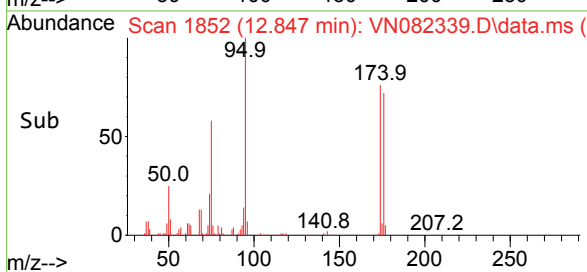
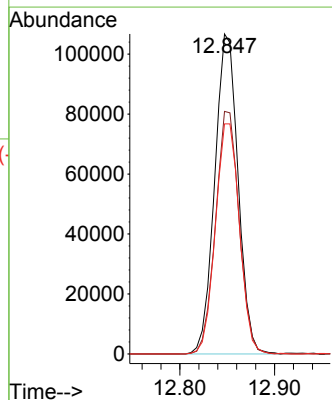
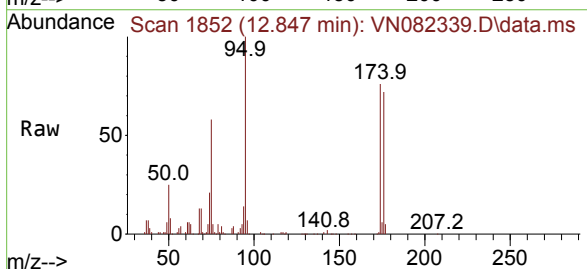
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBL01

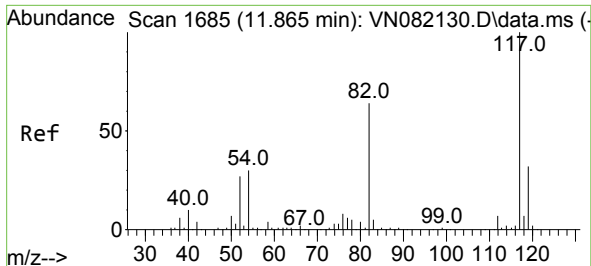
Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
58 162.4 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 53.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

Tgt Ion: 95 Resp: 182988
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.9 0.0 152.8

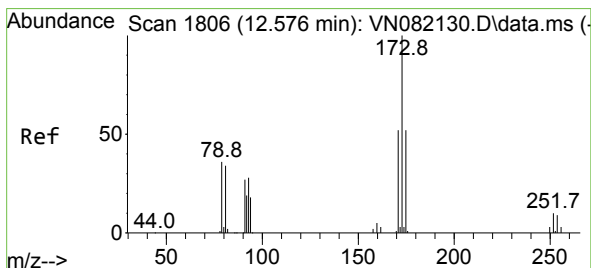
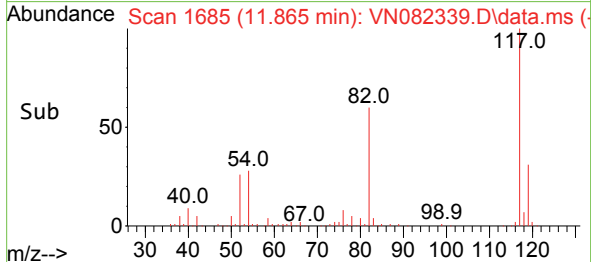
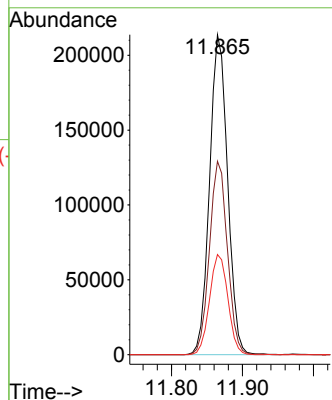
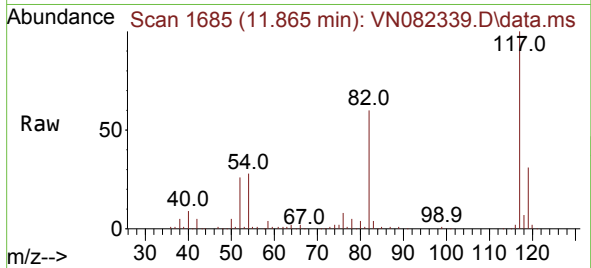




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

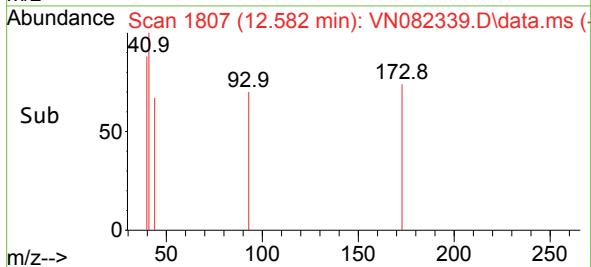
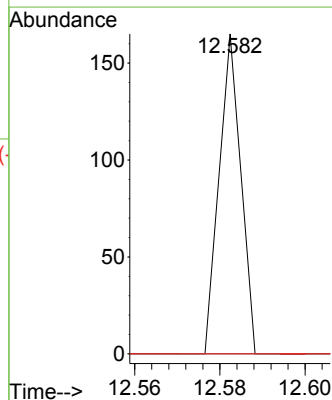
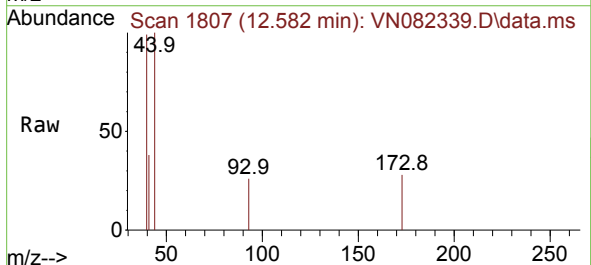
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBL01

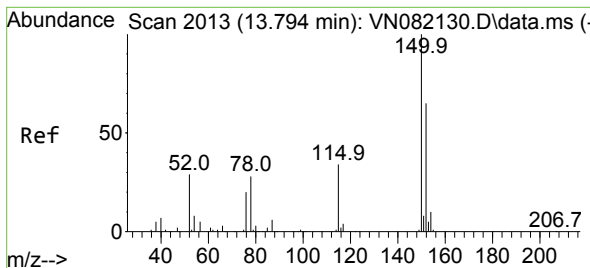
Tgt Ion:117 Resp: 376381
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 31.3 25.9 38.9



#71
Bromoform
Concen: 0.727 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

Tgt Ion:173 Resp: 58
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: VN082339.D

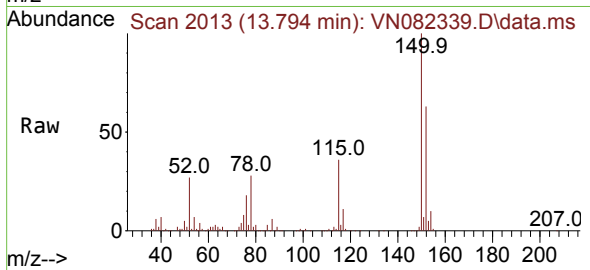
Acq: 28 May 2024 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBL01



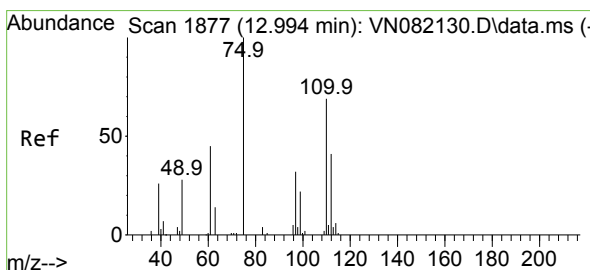
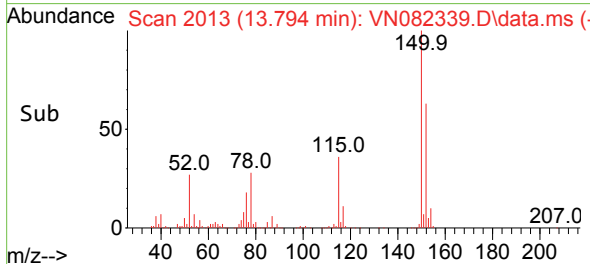
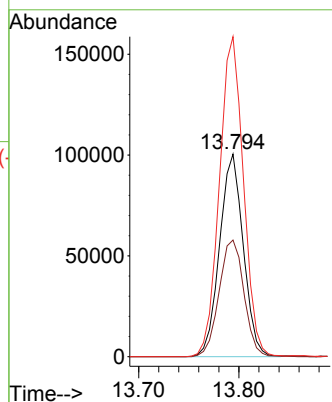
Tgt Ion:152 Resp: 164800

Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.3

150 160.2 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 30.910 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082339.D

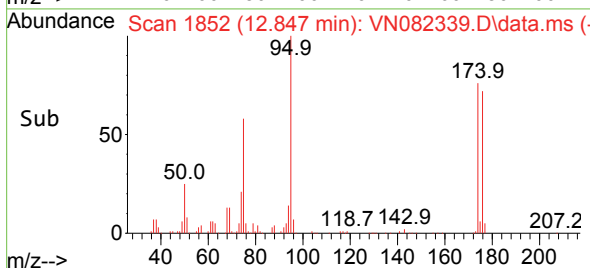
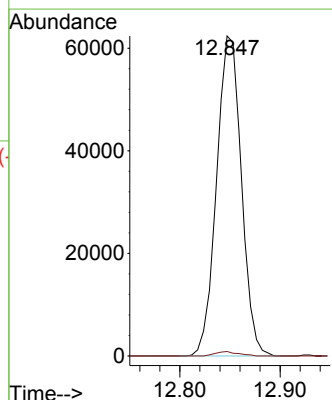
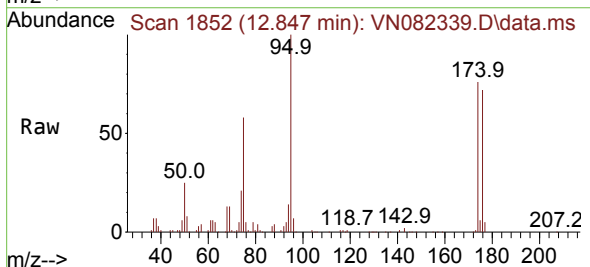
Acq: 28 May 2024 11:52

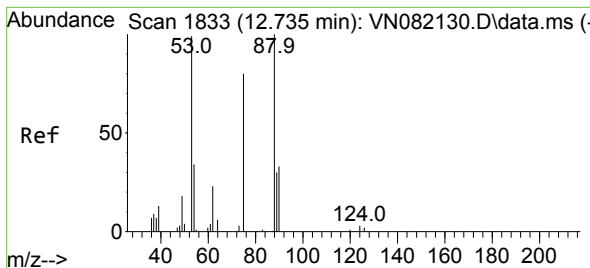
Tgt Ion: 75 Resp: 107216

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#

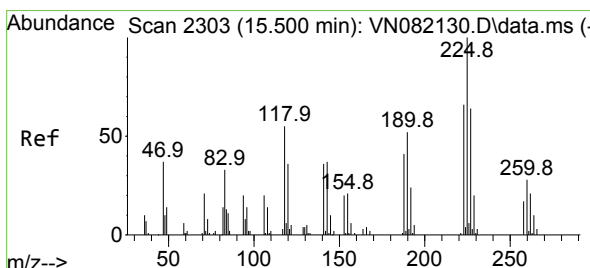
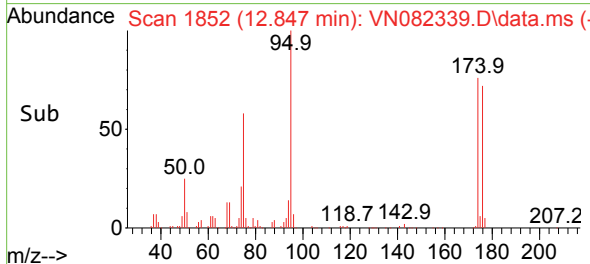
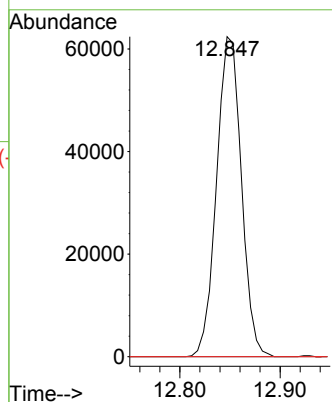
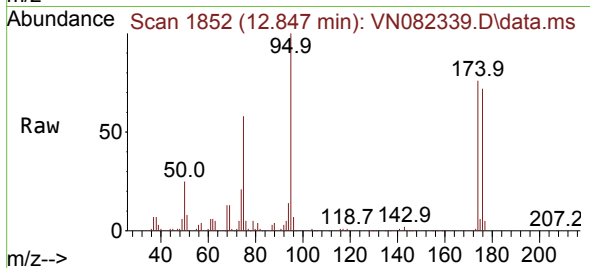




#81
trans-1,4-Dichloro-2-butene
Concen: 72.297 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBL01

Tgt Ion: 75 Resp: 107216
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#94
Hexachlorobutadiene
Concen: 0.345 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN082339.D
Acq: 28 May 2024 11:52

Tgt Ion: 225 Resp: 454
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 13.9 30.6 91.6#

