

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082900.D
 Acq On : 12 Jul 2024 15:28
 Operator : JC\MD
 Sample : P3229-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830

Quant Time: Jul 15 01:12:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

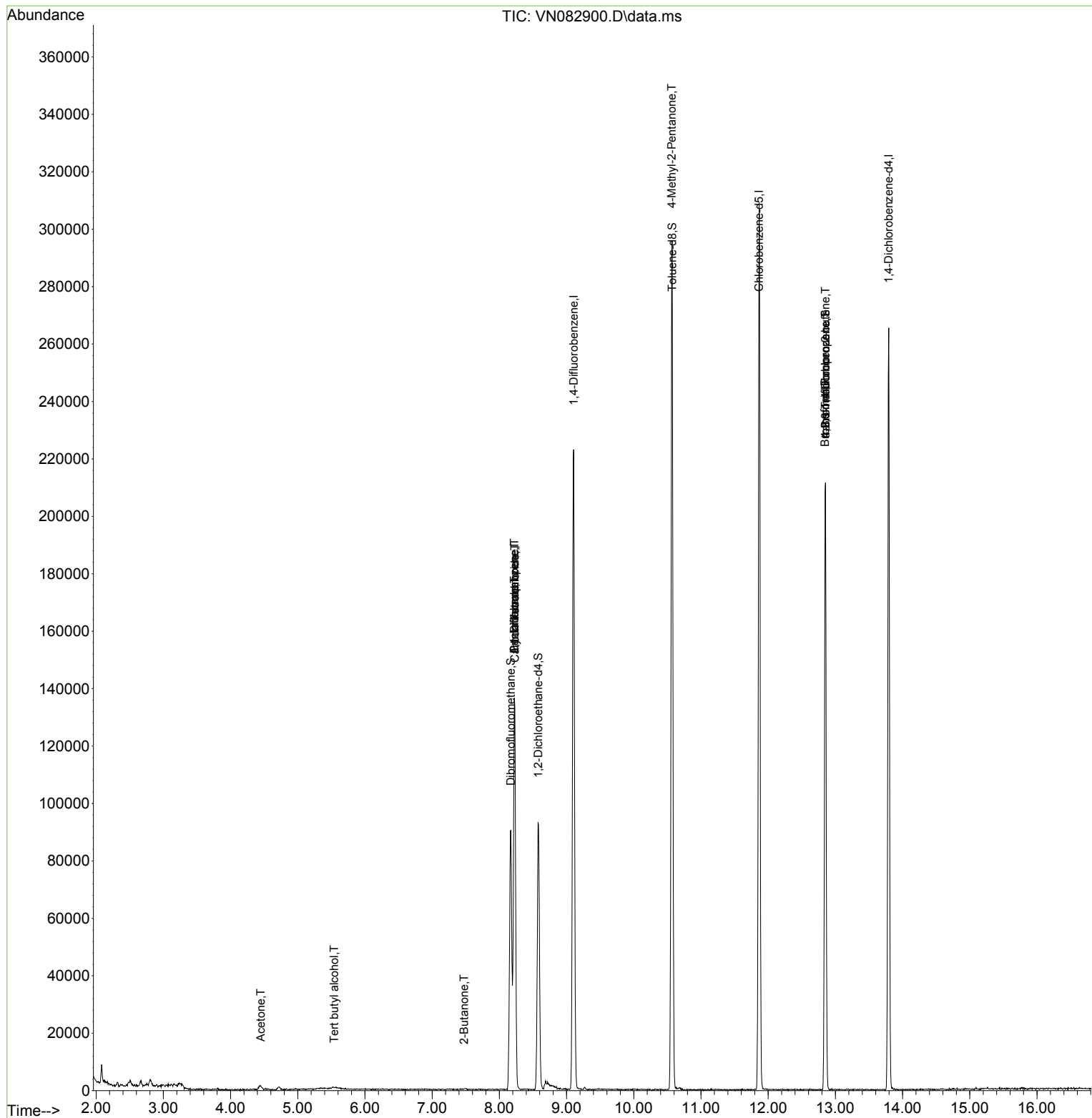
Internal Standards						
1) Pentafluorobenzene	8.224	168	95949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	187914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	176256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	78482	58.350	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.700%	
35) Dibromofluoromethane	8.171	113	63648	52.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.580%	
50) Toluene-d8	10.571	98	204256	45.863	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.720%	
62) 4-Bromofluorobenzene	12.853	95	70566	44.110	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 88.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.542	59	545	2.409	ug/l #	71
16) Acetone	4.448	43	2780	5.871	ug/l #	88
25) 2-Butanone	7.477	43	235	0.329	ug/l #	53
31) Cyclohexane	8.224	56	2361	1.343	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	8428	5.070	ug/l #	51
38) Carbon Tetrachloride	8.230	117	10583	5.287	ug/l #	17
43) Isopropyl Acetate	8.688	43	2149	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	948	0.565	ug/l #	1
71) Bromoform	12.847	173	345	0.327	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	38606	32.529	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38606	63.975	ug/l #	6

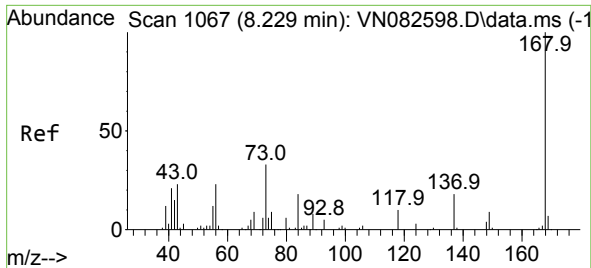
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
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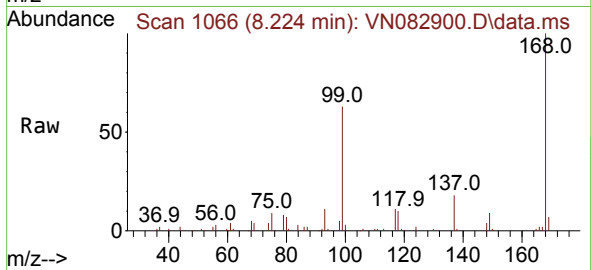
Quant Time: Jul 15 01:12:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



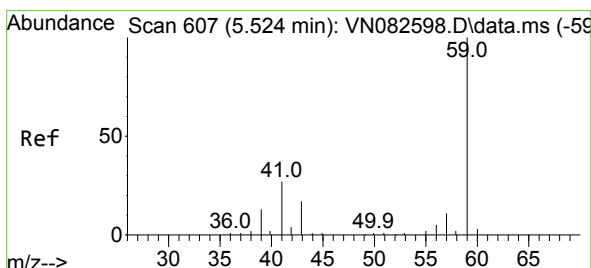
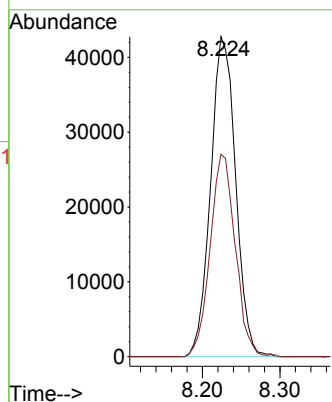
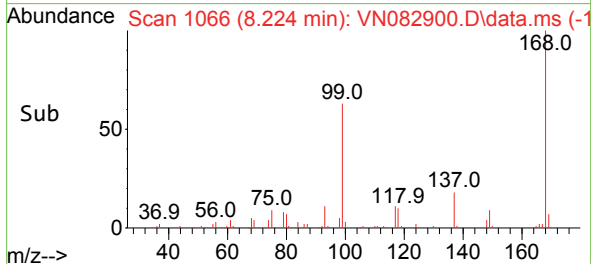


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830

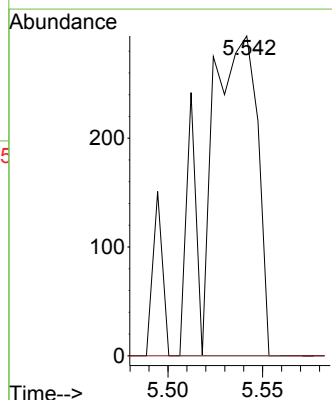
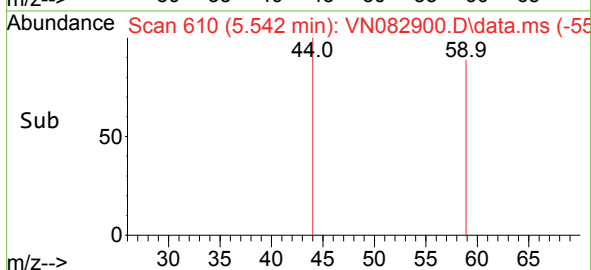
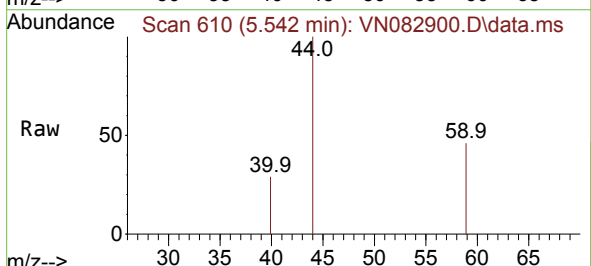


Tgt Ion:168 Resp: 95949
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#11
Tert butyl alcohol
Concen: 2.409 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

Tgt Ion: 59 Resp: 545
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

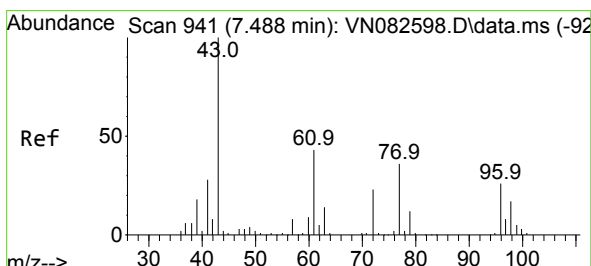
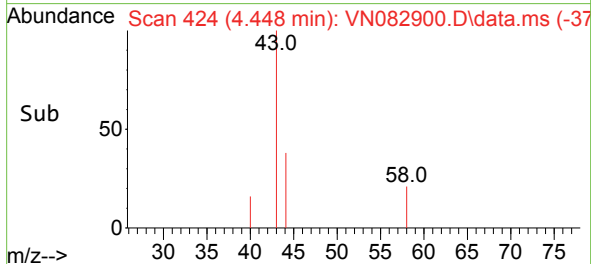
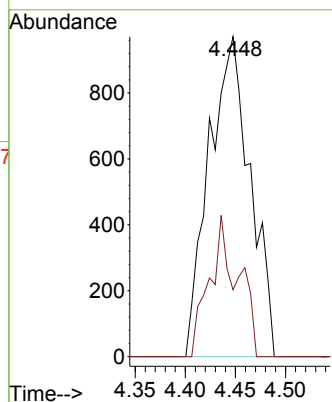
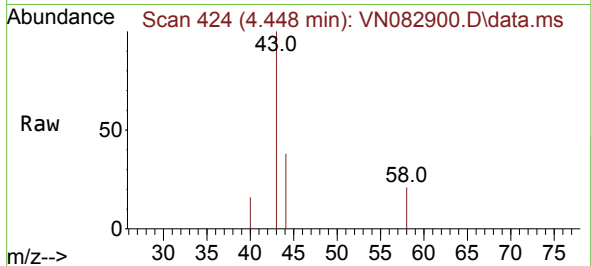




#16
Acetone
Concen: 5.871 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

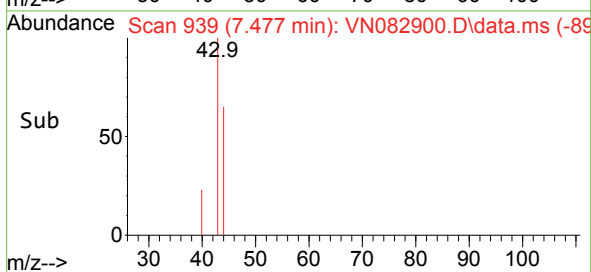
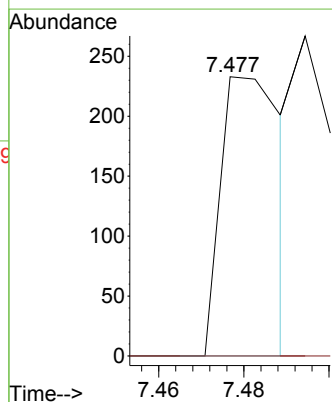
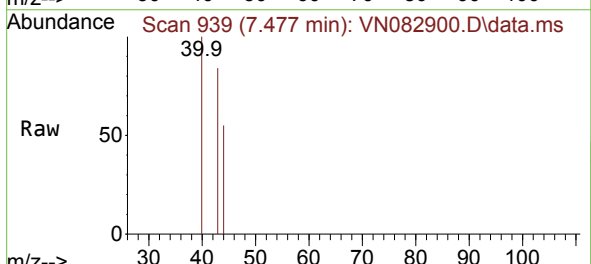
Instrument :
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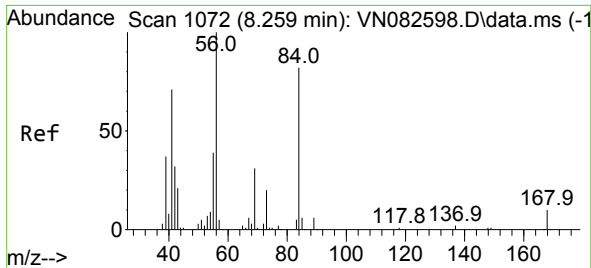
Tgt Ion: 43 Resp: 2780
Ion Ratio Lower Upper
43 100
58 20.9 21.8 32.6#



#25
2-Butanone
Concen: 0.329 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.011 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

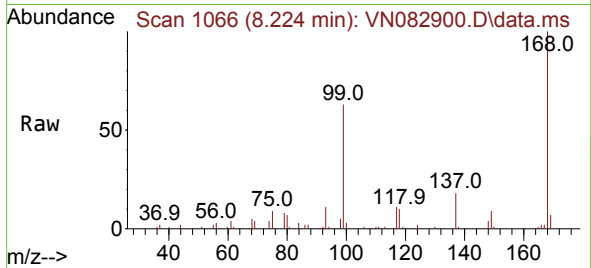
Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



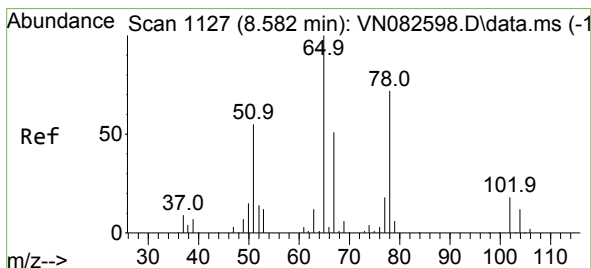
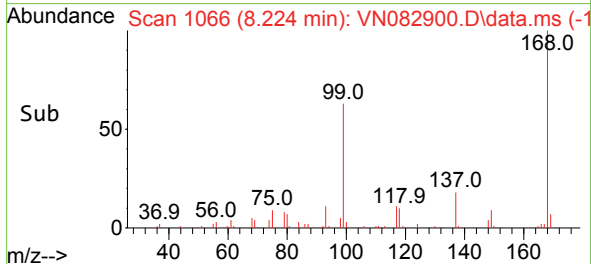
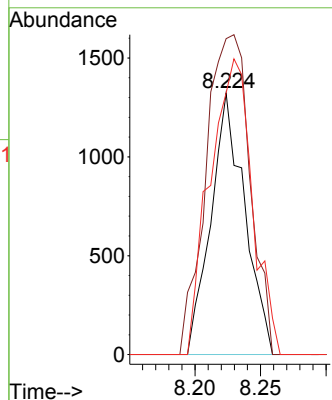


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-828-830

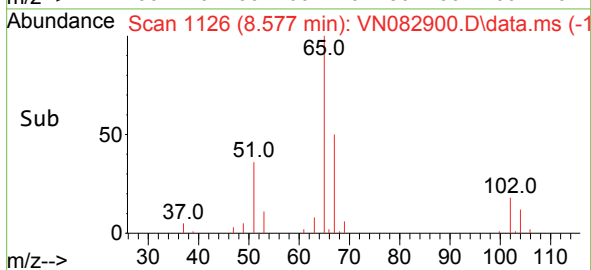
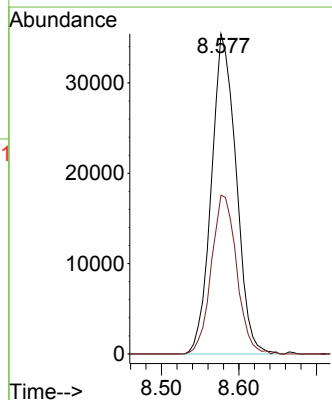
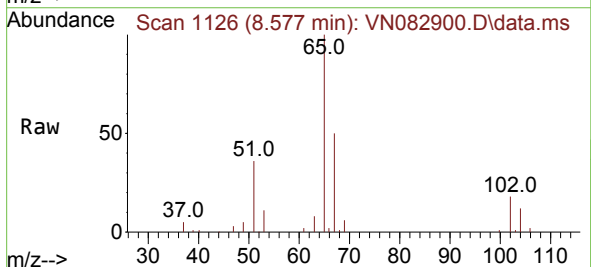


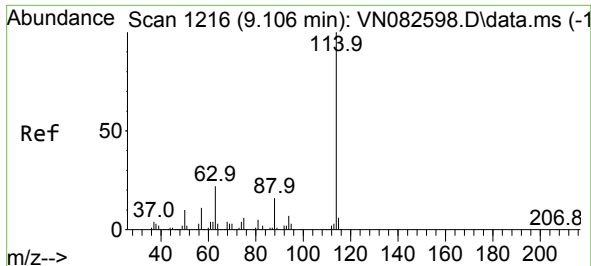
Tgt Ion: 56 Resp: 2361
Ion Ratio Lower Upper
56 100
69 120.8 24.5 36.7#
84 100.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.350 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

Tgt Ion: 65 Resp: 78482
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4

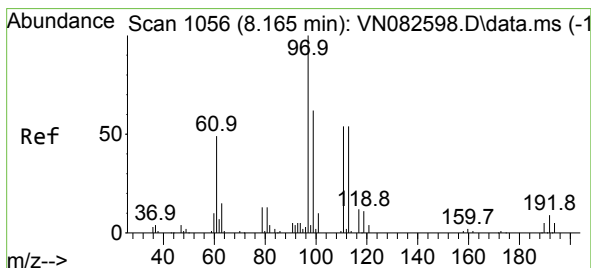
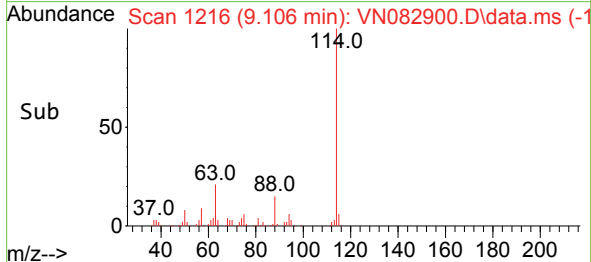
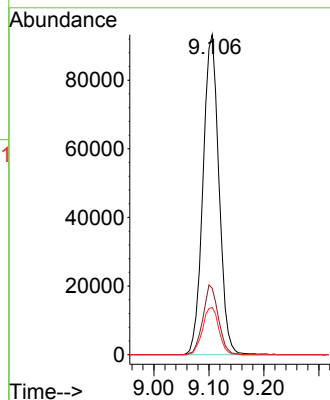
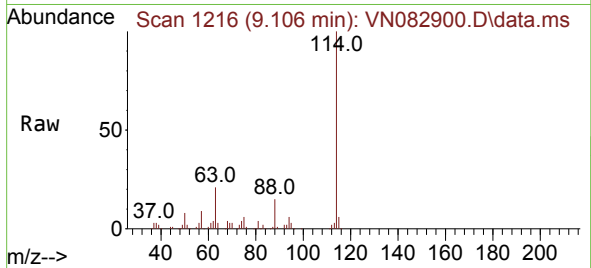




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

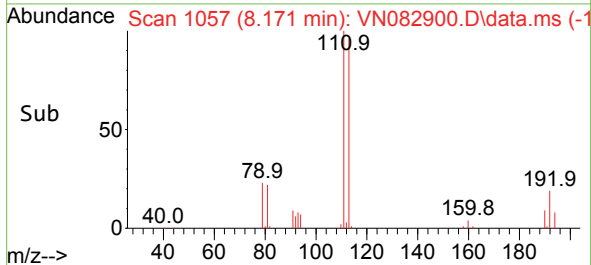
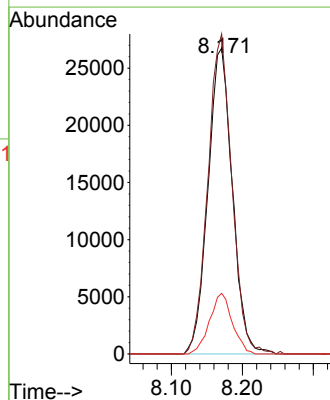
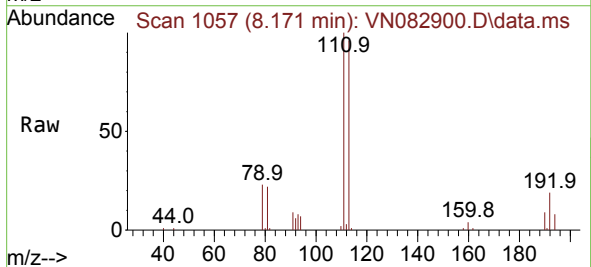
Instrument :
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ClientSampleId :
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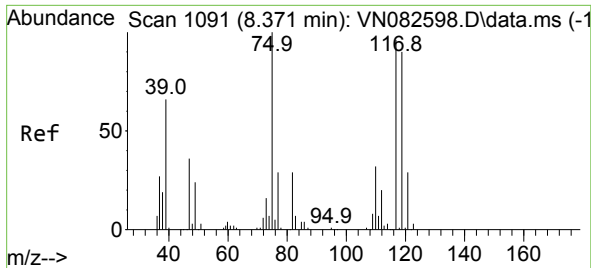
Tgt Ion:114 Resp: 187914
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.6
88 14.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.785 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

Tgt Ion:113 Resp: 63648
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 18.6 14.9 22.3

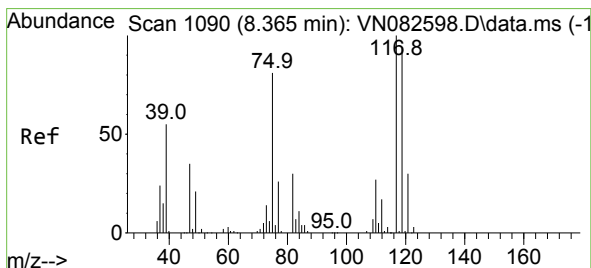
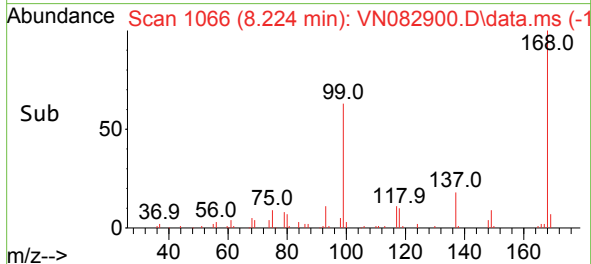
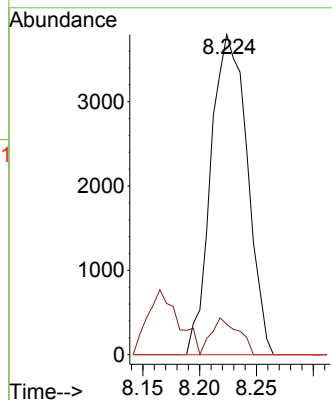
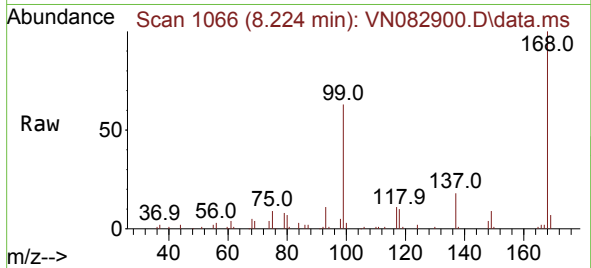




#36
1,1-Dichloropropene
Concen: 5.070 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

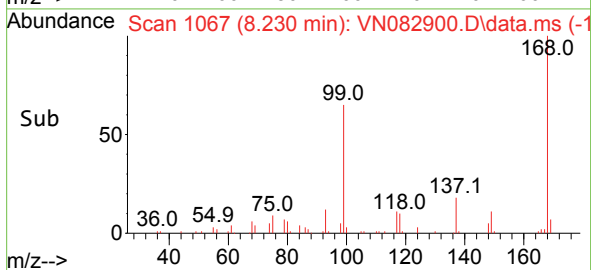
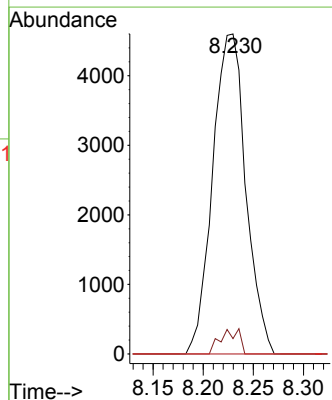
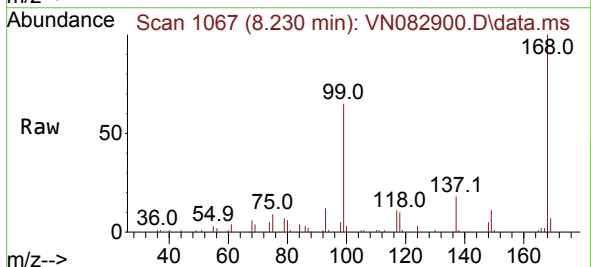
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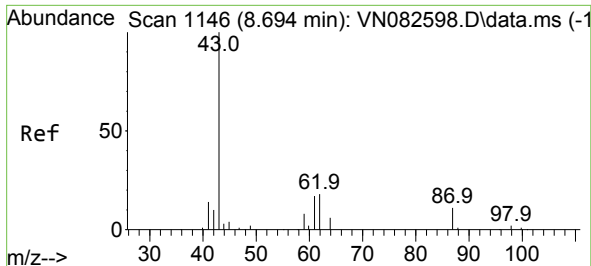
Tgt Ion: 75 Resp: 8428
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

Tgt Ion: 117 Resp: 10583
Ion Ratio Lower Upper
117 100
119 4.8 74.9 112.3#
121 0.0 24.3 36.5#

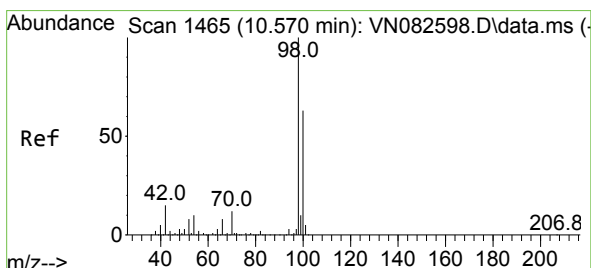
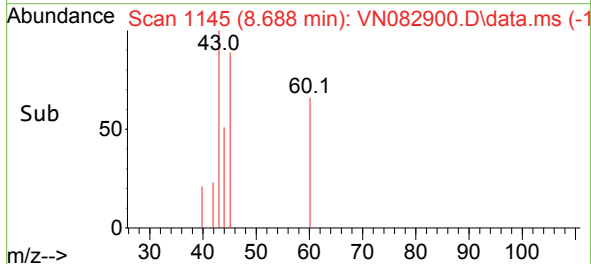
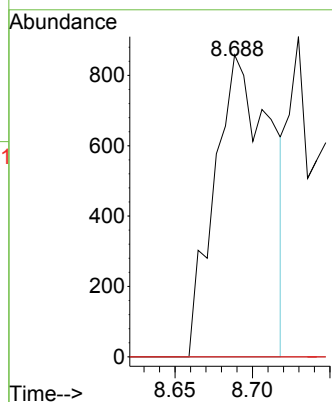
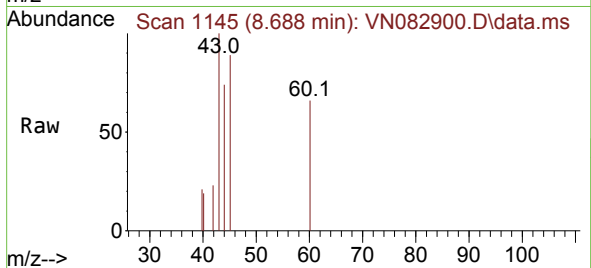




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

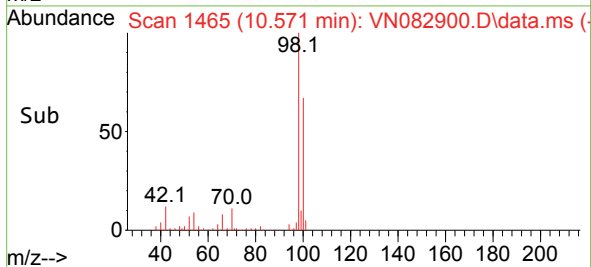
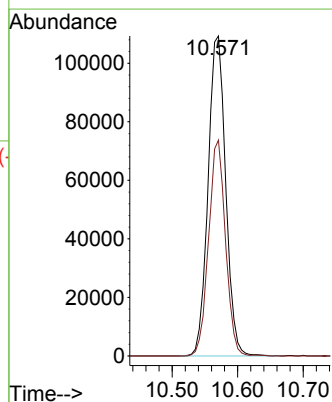
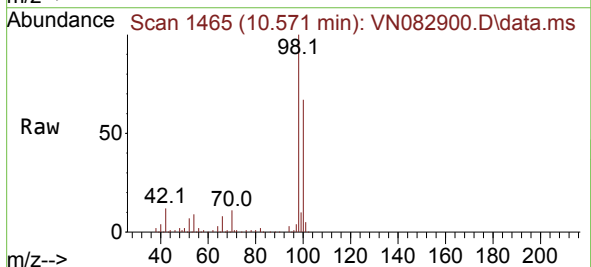
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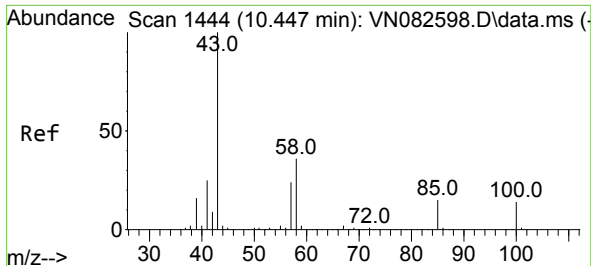
Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 45.863 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082900.D
Acq: 12 Jul 2024 15:28

Tgt Ion: 98 Resp: 204256
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.565 ug/l

RT: 10.565 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN082900.D

Acq: 12 Jul 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

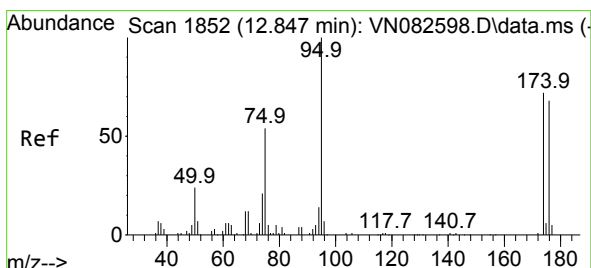
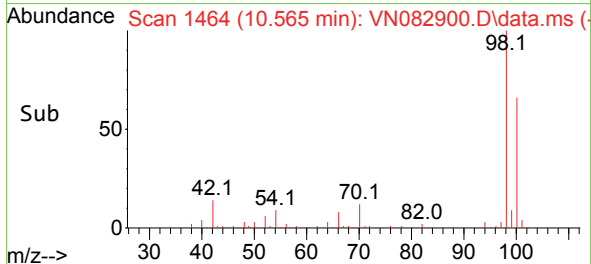
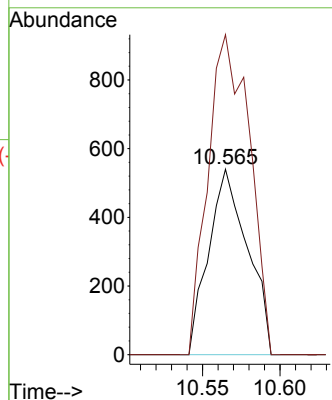
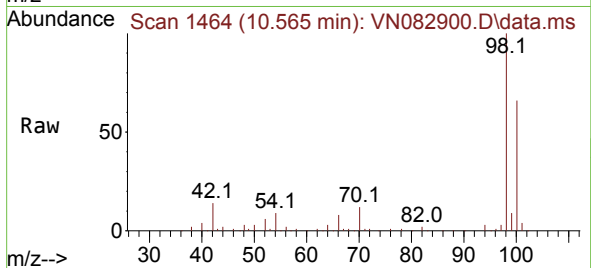
BP-VPB-189-GW-828-830

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

58 183.8 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 44.110 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082900.D

Acq: 12 Jul 2024 15:28

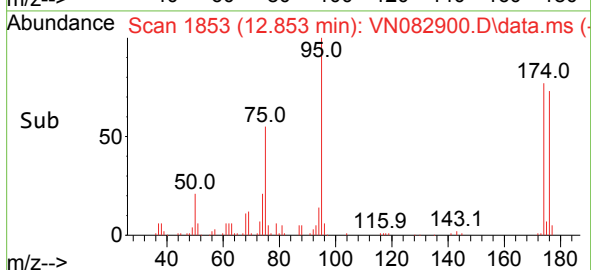
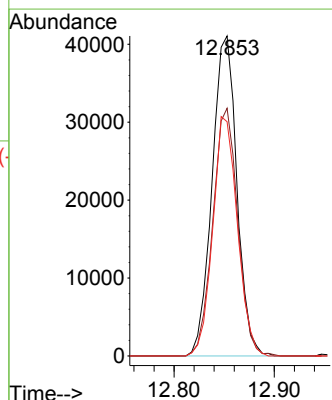
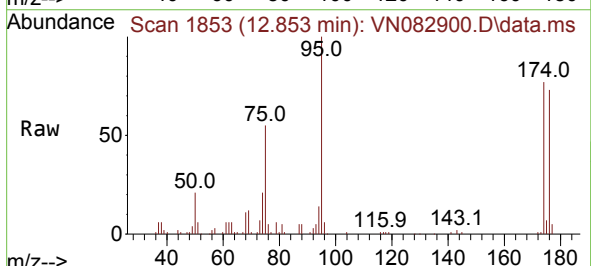
Tgt Ion: 95 Resp: 70566

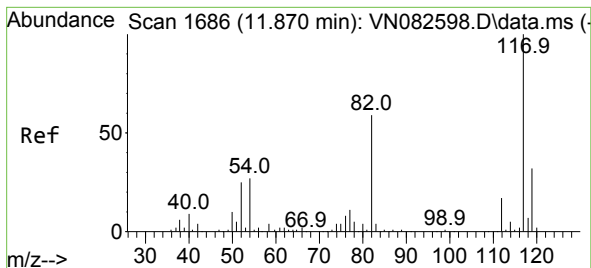
Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.2

176 74.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082900.D

Acq: 12 Jul 2024 15:28

Instrument :

MSVOA_N

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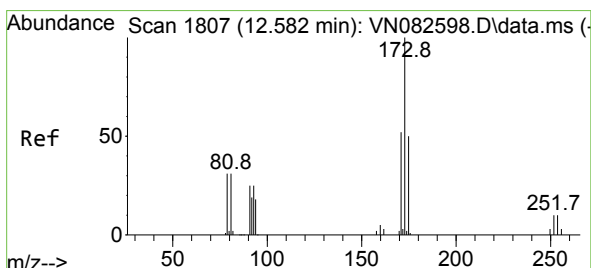
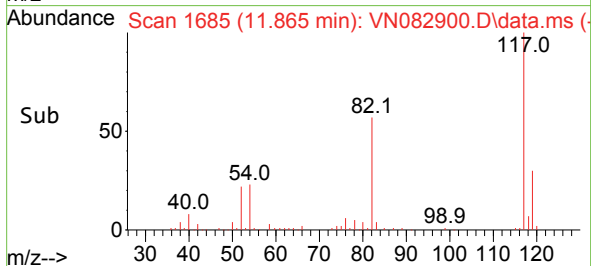
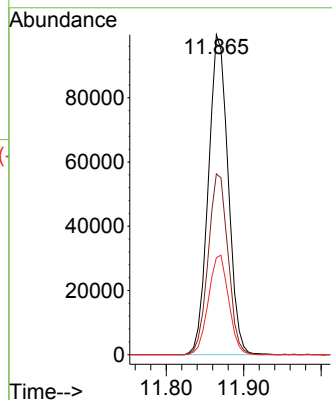
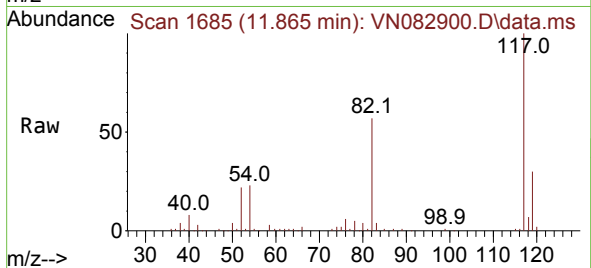
Tgt Ion:117 Resp: 176256

Ion Ratio Lower Upper

117 100

82 56.5 47.5 71.3

119 30.3 25.6 38.4



#71

Bromoform

Concen: 0.327 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN082900.D

Acq: 12 Jul 2024 15:28

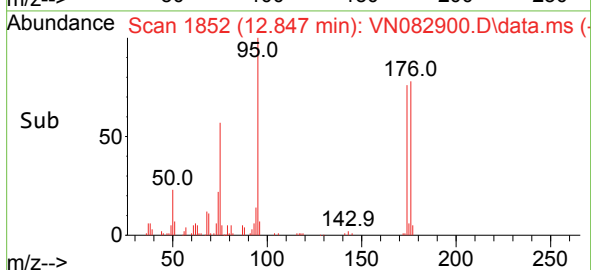
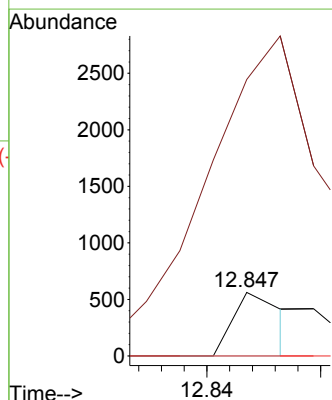
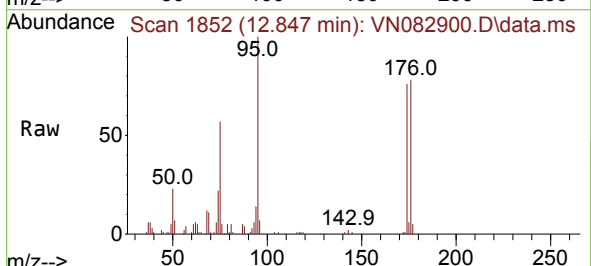
Tgt Ion:173 Resp: 345

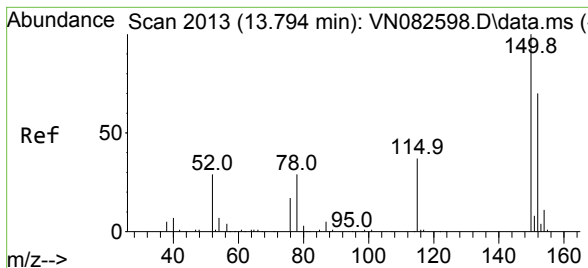
Ion Ratio Lower Upper

173 100

175 1053.0 24.0 72.0#

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: VN082900.D

Acq: 12 Jul 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-828-830

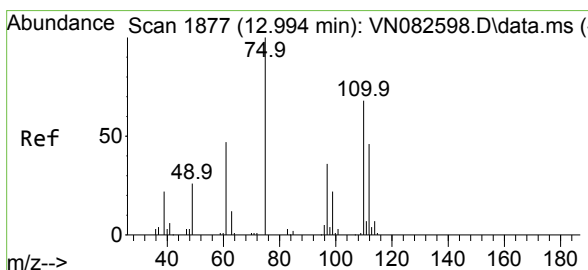
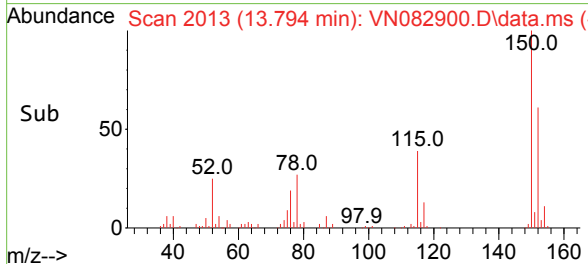
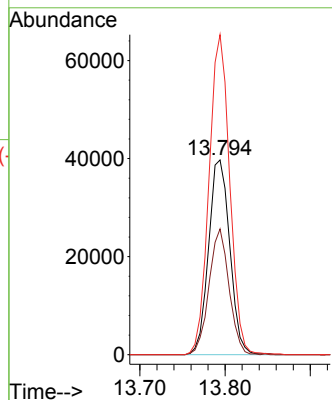
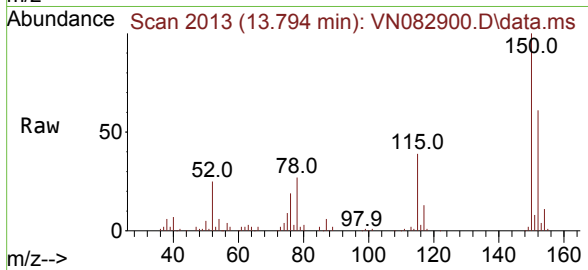
Tgt Ion:152 Resp: 68839

Ion Ratio Lower Upper

152 100

115 61.1 30.6 91.6

150 160.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.529 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082900.D

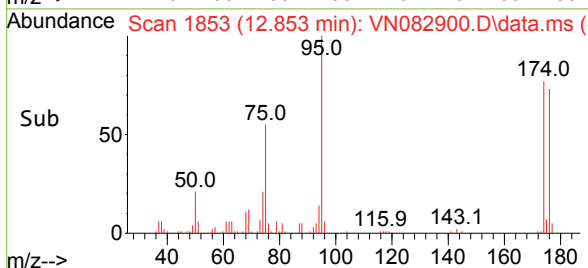
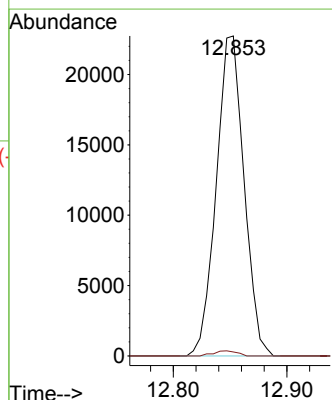
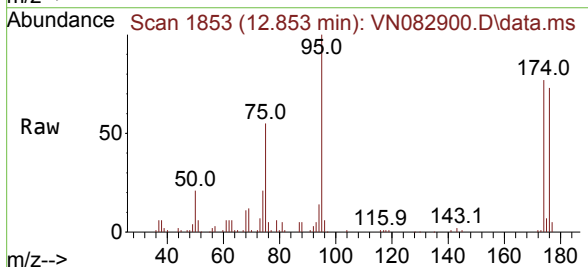
Acq: 12 Jul 2024 15:28

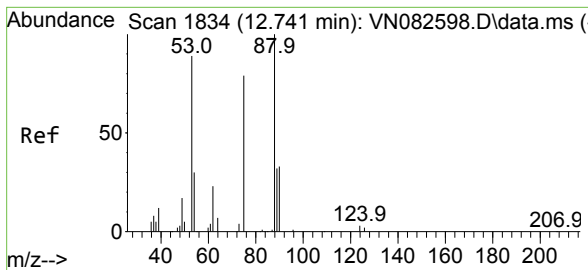
Tgt Ion: 75 Resp: 38606

Ion Ratio Lower Upper

75 100

77 1.4 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.975 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082900.D
 Acq: 12 Jul 2024 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-828-830

Tgt Ion:	75	Resp:	38606
Ion Ratio	Lower	Upper	
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

