

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082353.D
 Acq On : 28 May 2024 17:43
 Operator : JC\MD
 Sample : P2621-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240522007-01-TRIP-BLANK

Quant Time: May 29 06:55:52 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)

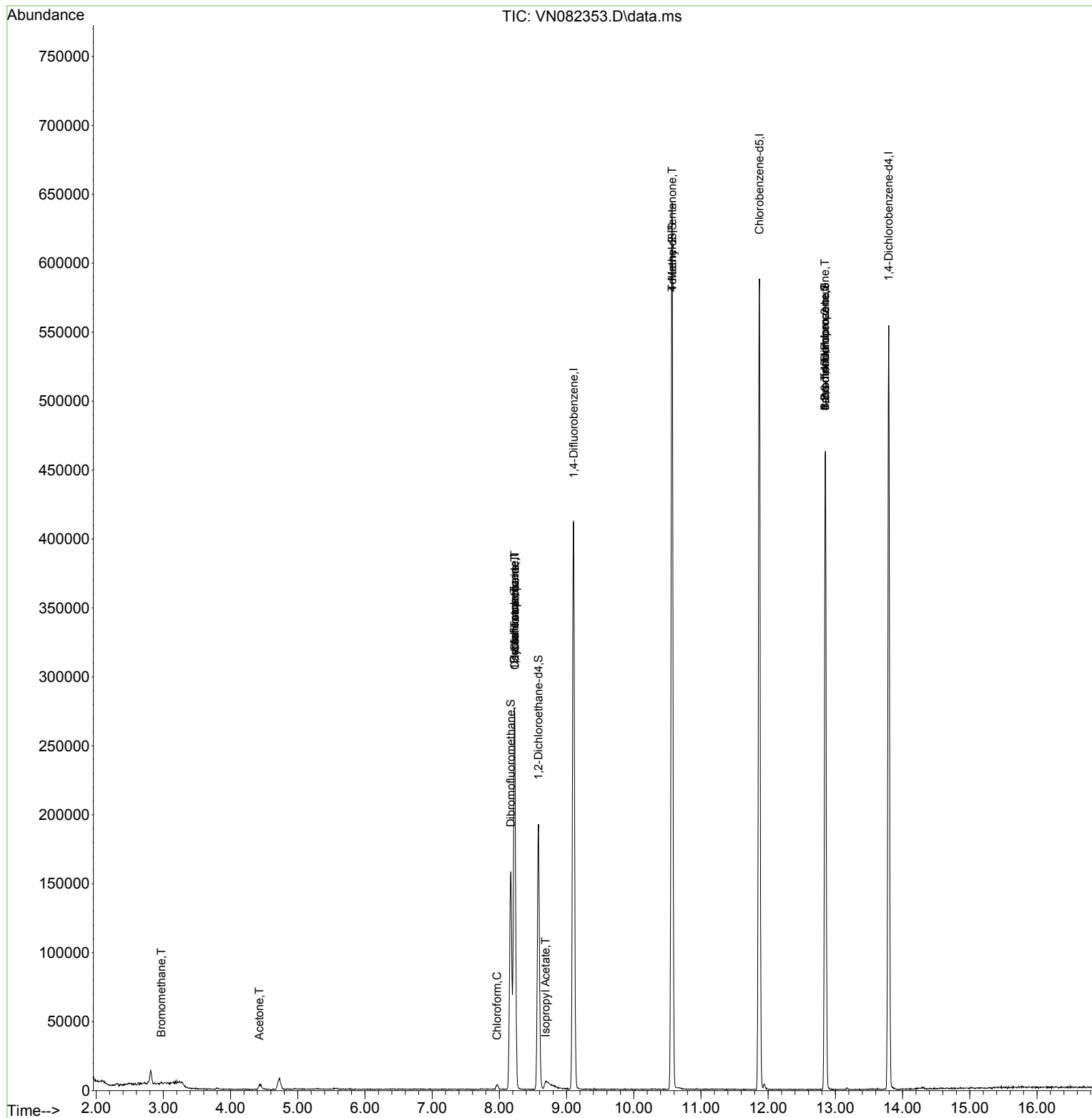
Internal Standards						
1) Pentafluorobenzene	8.224	168	193375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	316897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	155372	50.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.760%			
35) Dibromofluoromethane	8.171	113	108908	52.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	10.570	98	425588	53.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.080%			
62) 4-Bromofluorobenzene	12.847	95	152596	53.282	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.560%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	398	0.233	ug/l #	66
16) Acetone	4.430	43	7460	5.956	ug/l #	86
28) Bromochloromethane	7.965	49	131	Below Cal	#	10
30) Chloroform	7.965	83	3457	0.744	ug/l	98
31) Cyclohexane	8.224	56	6051	1.241	ug/l #	59
36) 1,1-Dichloropropene	8.229	75	17501	4.986	ug/l #	49
38) Carbon Tetrachloride	8.229	117	21243	5.970	ug/l #	15
43) Isopropyl Acetate	8.688	43	4334	0.623	ug/l #	52
51) 4-Methyl-2-Pentanone	10.570	43	2783	0.704	ug/l #	1
71) Bromoform	12.847	173	751	1.105	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	90820	31.433	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	90820	73.521	ug/l #	12

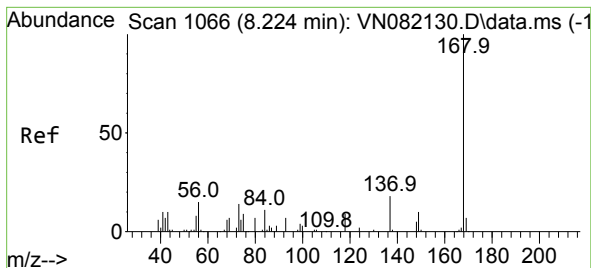
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082353.D

Acq: 28 May 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

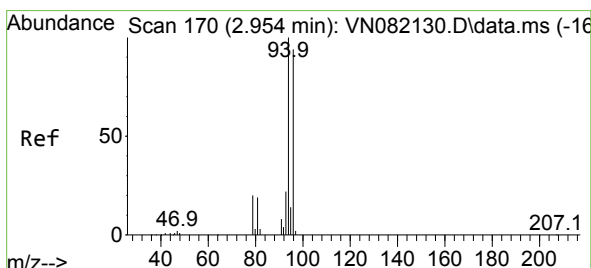
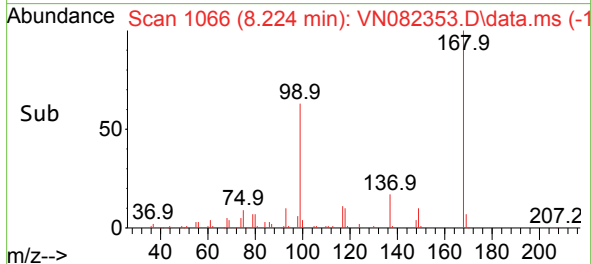
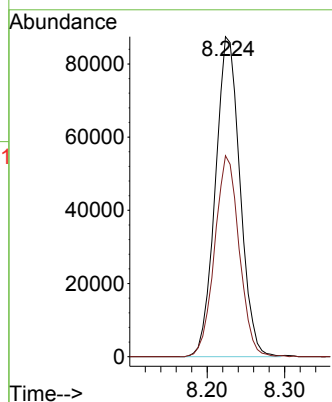
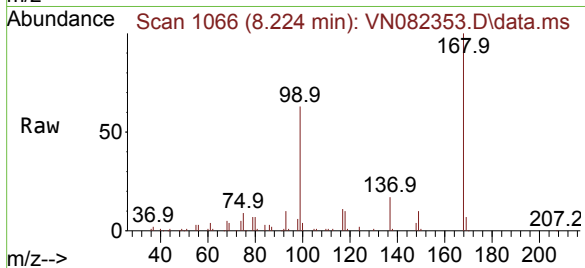
240522007-01-TRIP-BLANK

Tgt Ion:168 Resp: 193375

Ion Ratio Lower Upper

168 100

99 62.8 48.2 72.4



#5

Bromomethane

Concen: 0.233 ug/l

RT: 2.971 min Scan# 173

Delta R.T. 0.017 min

Lab File: VN082353.D

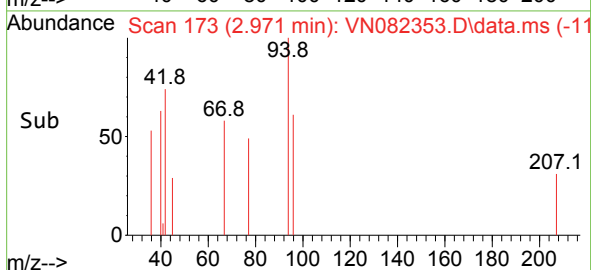
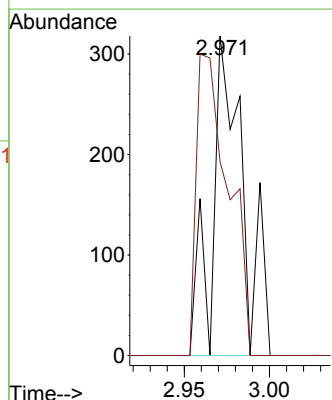
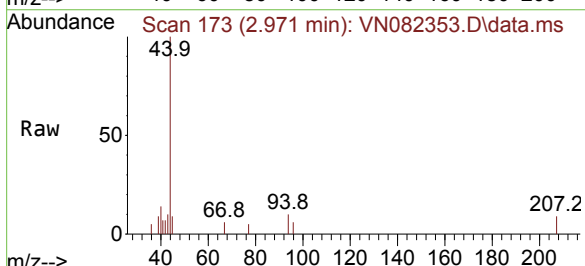
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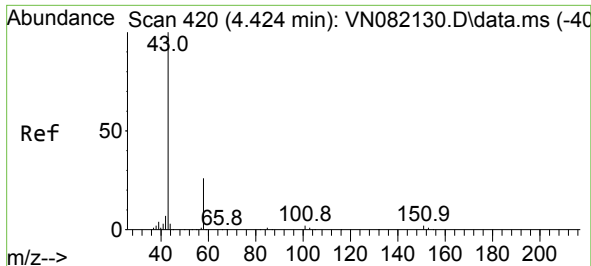
Tgt Ion: 94 Resp: 398

Ion Ratio Lower Upper

94 100

96 60.7 74.8 112.2#

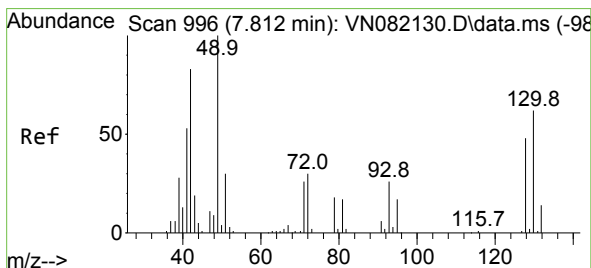
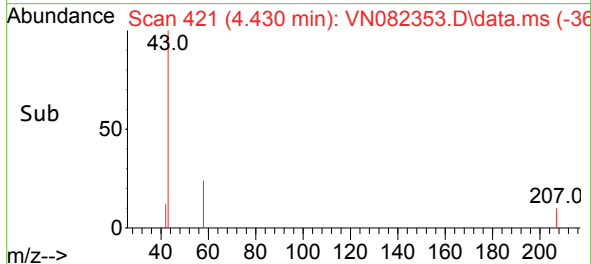
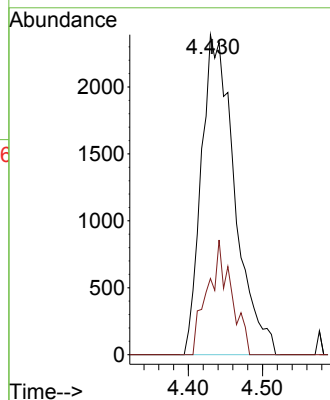
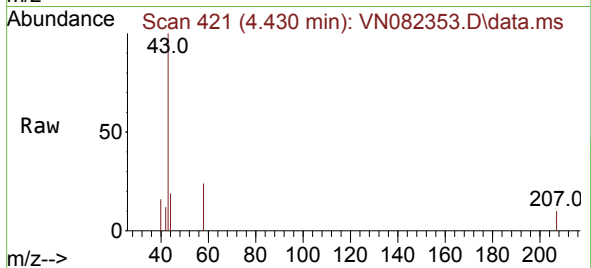




#16
Acetone
Concen: 5.956 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

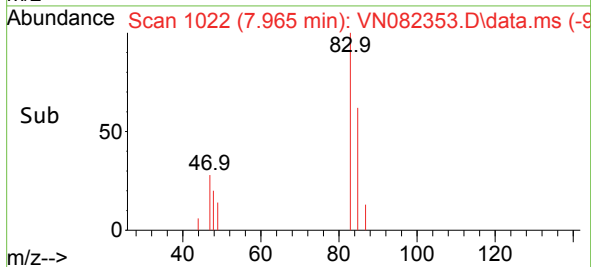
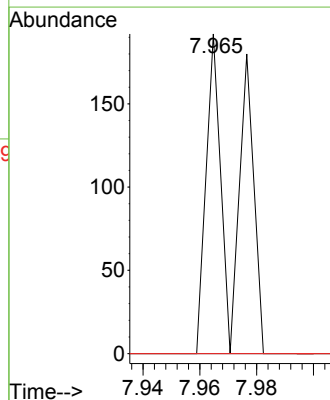
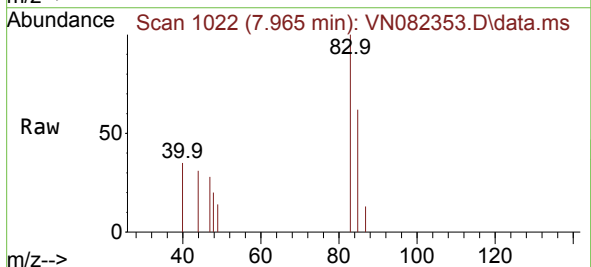
Instrument :
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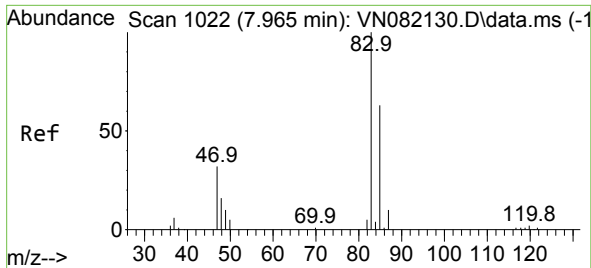
Tgt Ion: 43 Resp: 7460
Ion Ratio Lower Upper
43 100
58 23.8 25.2 37.8#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

Tgt Ion: 49 Resp: 131
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 66.7 100.1#

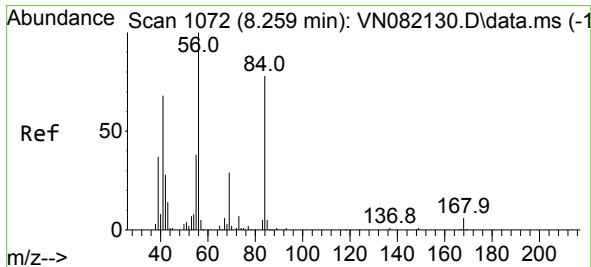
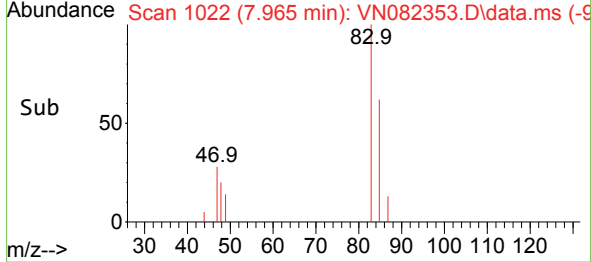
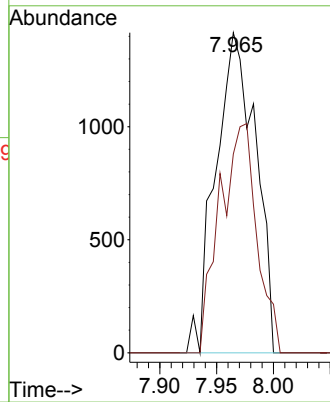
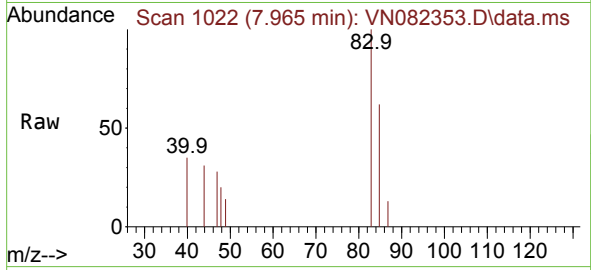




#30
Chloroform
Concen: 0.744 ug/l
RT: 7.965 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

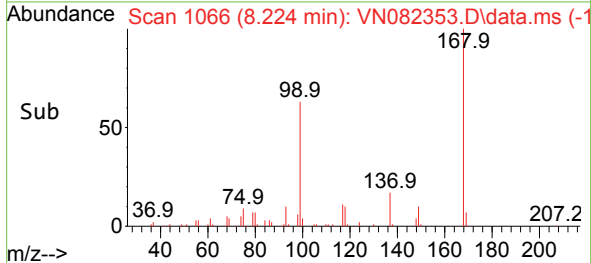
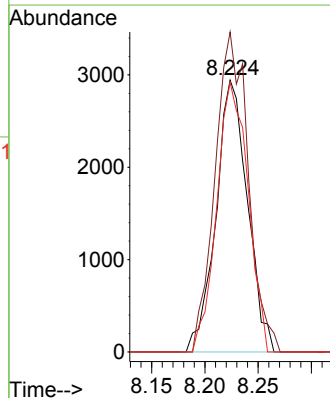
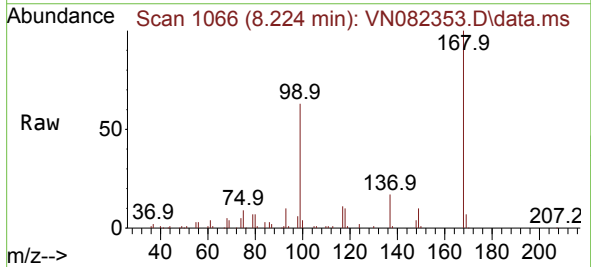
Instrument :
MSVOA_N
ClientSampleId :
240522007-01-TRIP-BLANK

Tgt Ion: 83 Resp: 3457
Ion Ratio Lower Upper
83 100
85 62.1 50.7 76.1



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

Tgt Ion: 56 Resp: 6051
Ion Ratio Lower Upper
56 100
69 117.7 24.4 36.6#
84 99.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 50.884 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082353.D

Acq: 28 May 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

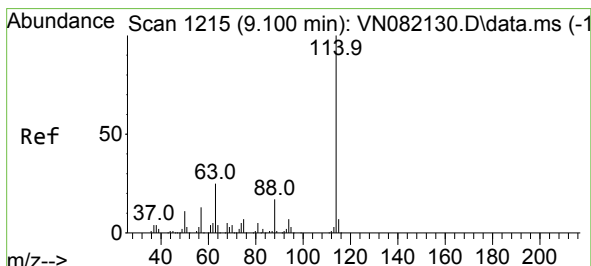
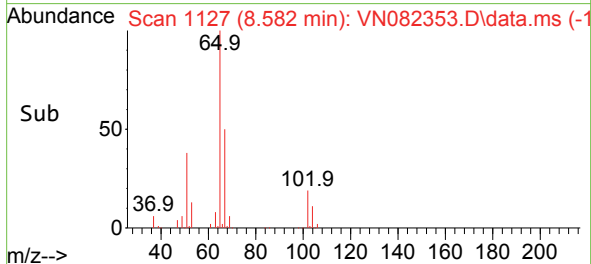
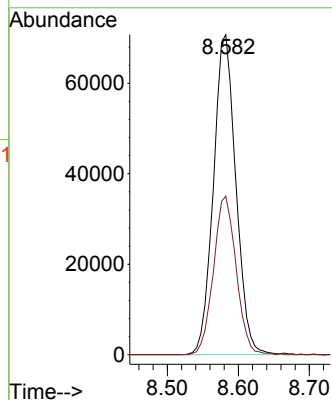
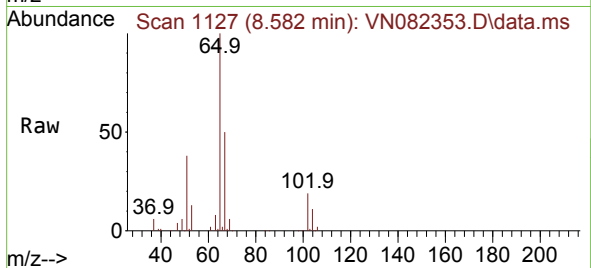
240522007-01-TRIP-BLANK

Tgt Ion: 65 Resp: 155372

Ion Ratio Lower Upper

65 100

67 50.0 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: VN082353.D

Acq: 28 May 2024 17:43

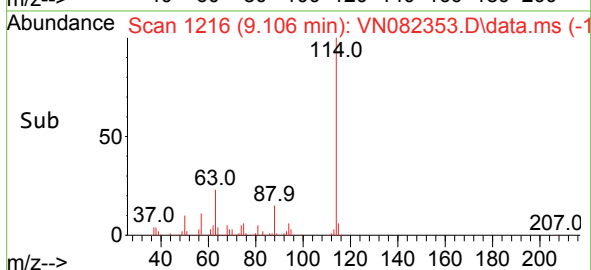
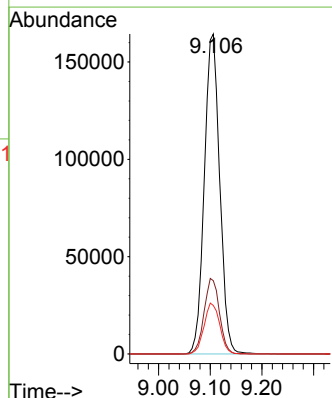
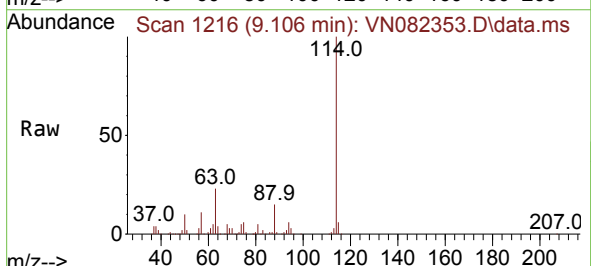
Tgt Ion: 114 Resp: 340218

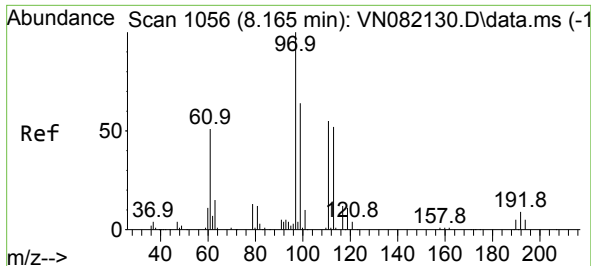
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 15.2 0.0 31.4

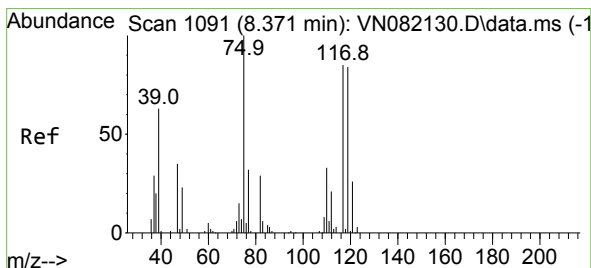
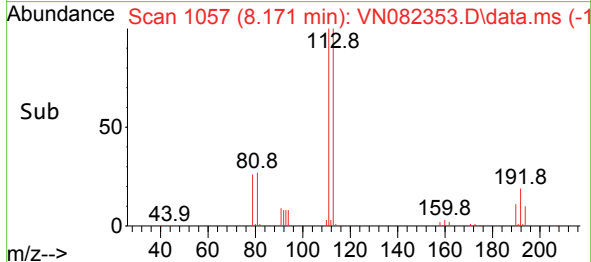
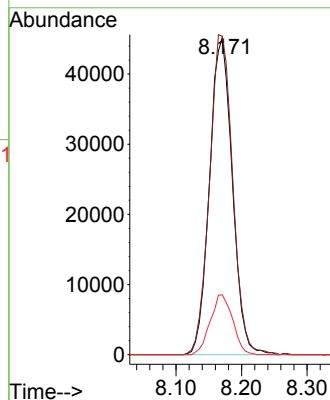
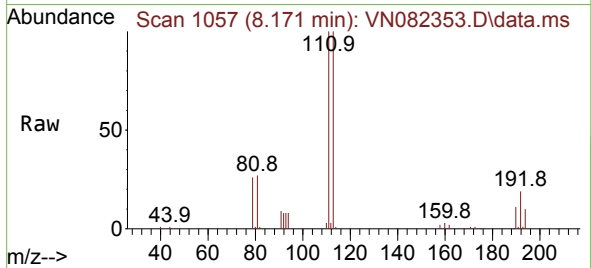




#35
Dibromofluoromethane
Concen: 52.038 ug/l
RT: 8.171 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

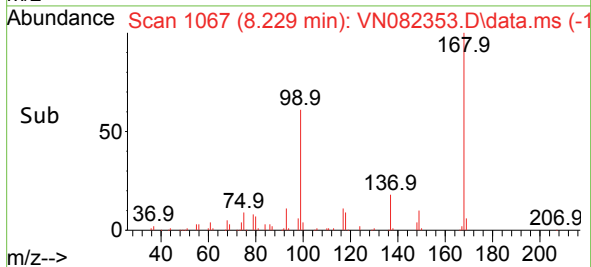
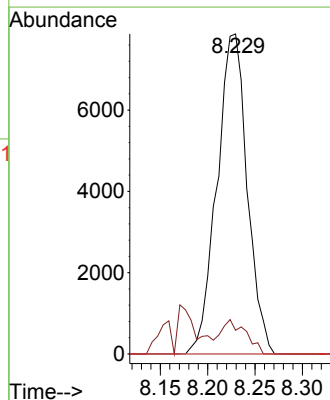
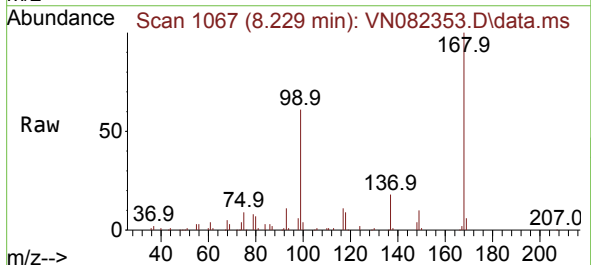
Instrument :
MSVOA_N
ClientSampleId :
240522007-01-TRIP-BLANK

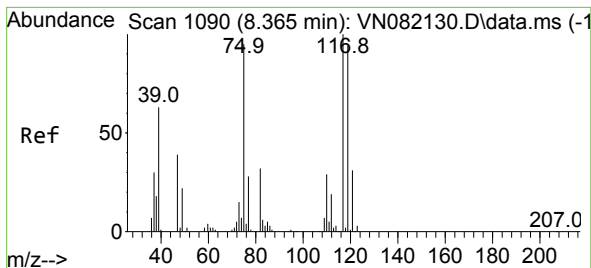
Tgt Ion:113 Resp: 108908
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 18.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

Tgt Ion: 75 Resp: 17501
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.970 ug/l

RT: 8.229 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN082353.D

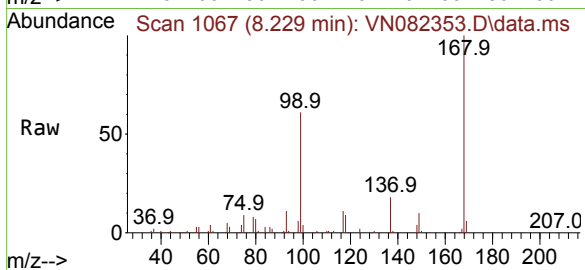
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Instrument :

MSVOA_N

ClientSampleId :

240522007-01-TRIP-BLANK



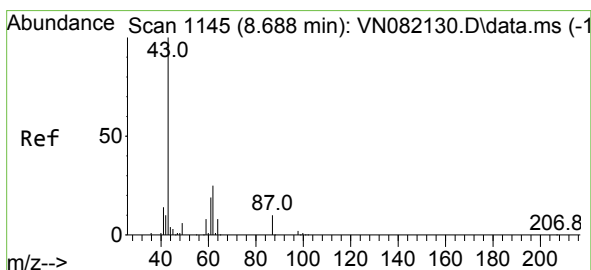
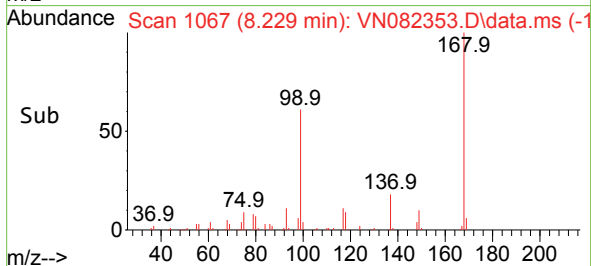
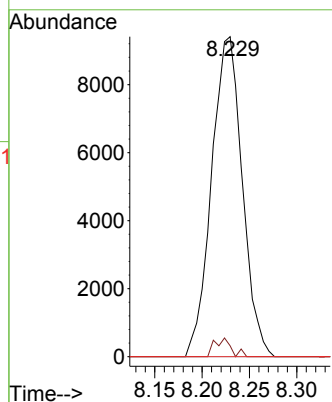
Tgt Ion:117 Resp: 21243

Ion Ratio Lower Upper

117 100

119 3.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.623 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082353.D

Acq: 28 May 2024 17:43

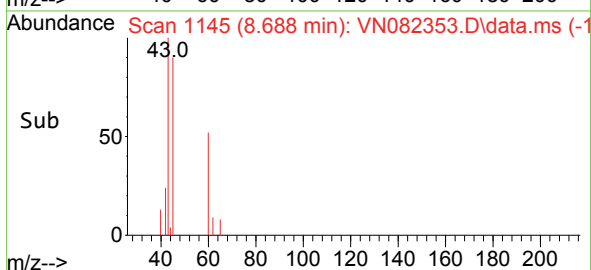
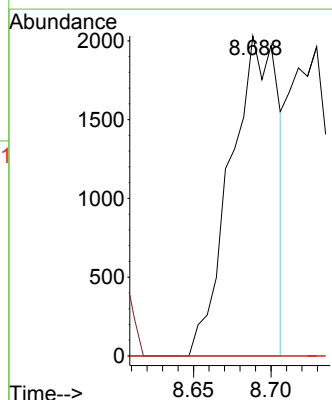
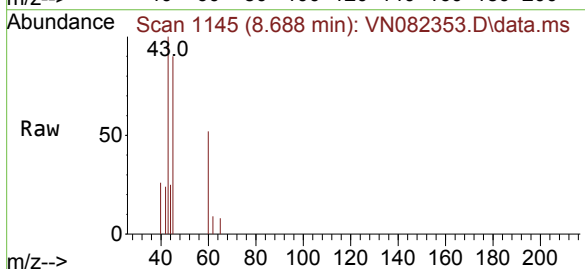
Tgt Ion: 43 Resp: 4334

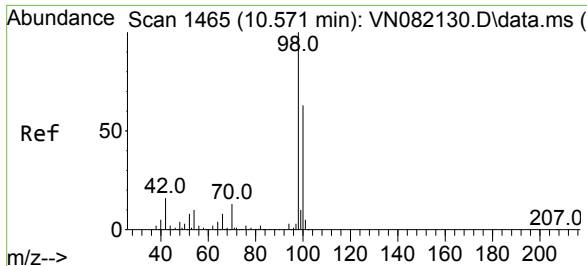
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

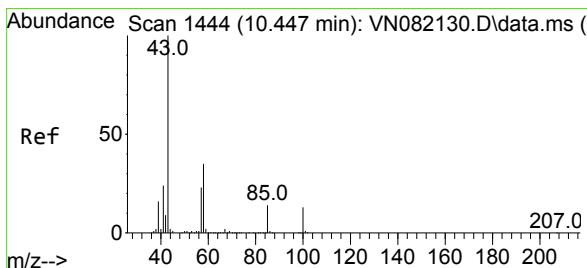
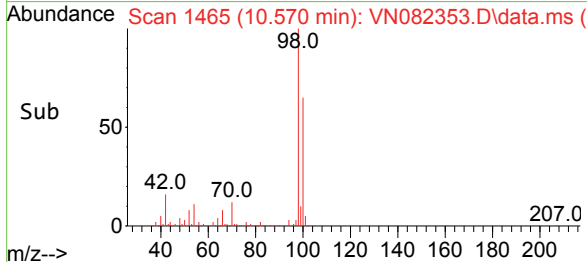
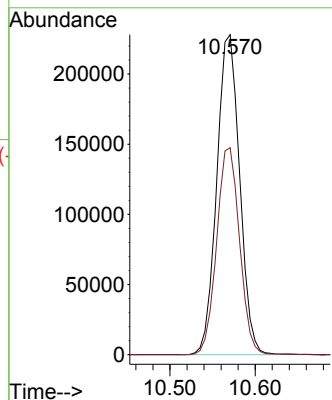
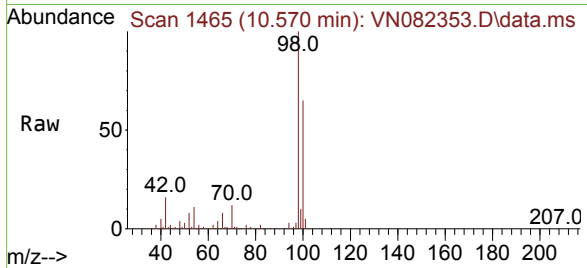




#50
Toluene-d8
Concen: 53.040 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

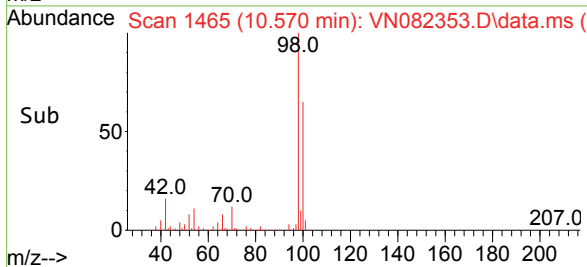
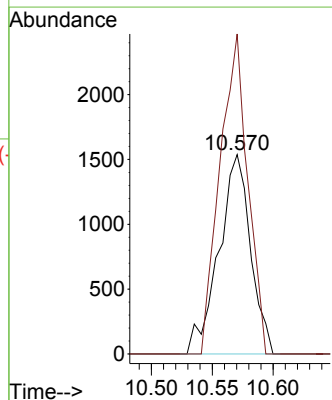
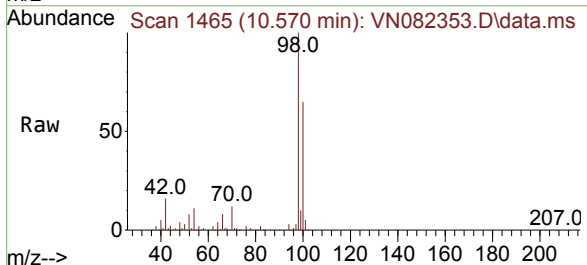
Instrument :
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240522007-01-TRIP-BLANK

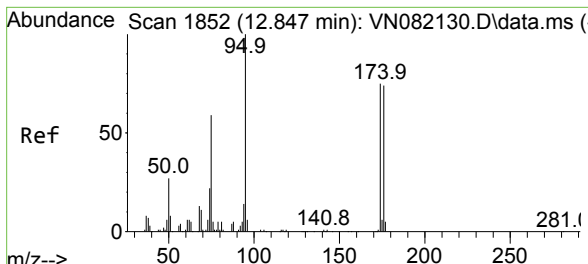
Tgt Ion: 98 Resp: 425588
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.704 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

Tgt Ion: 43 Resp: 2783
Ion Ratio Lower Upper
43 100
58 141.1 33.2 49.8#

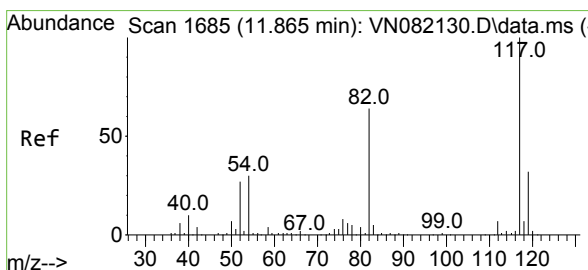
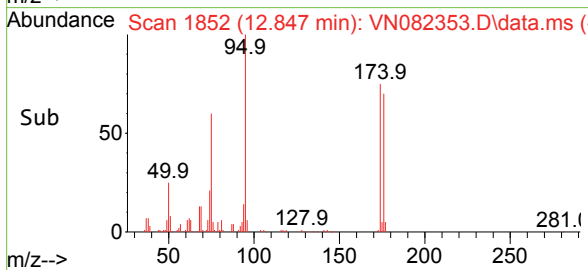
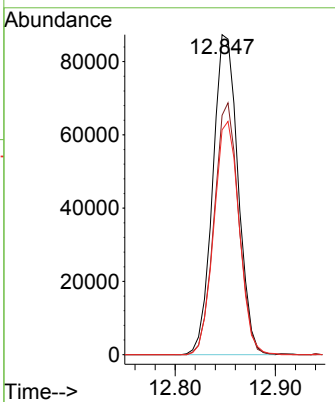
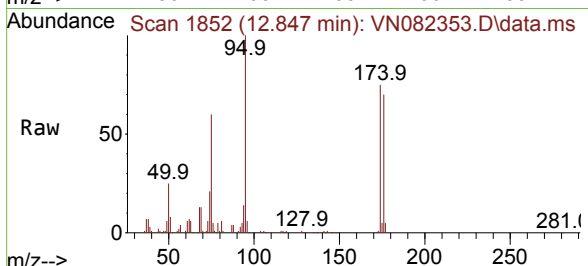




#62
 4-Bromofluorobenzene
 Concen: 53.282 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN082353.D
 Acq: 28 May 2024 17:43

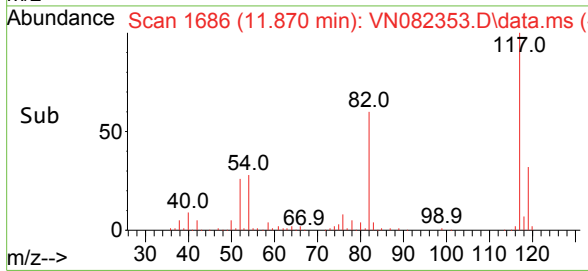
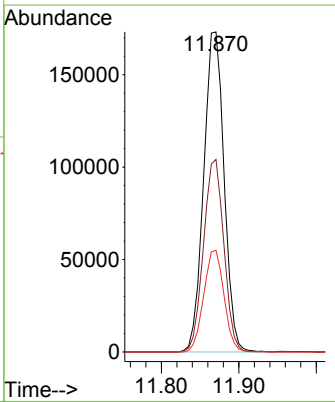
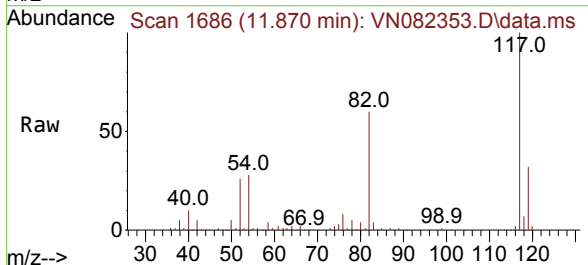
Instrument : MSVOA_N
 ClientSampleId : 240522007-01-TRIP-BLANK

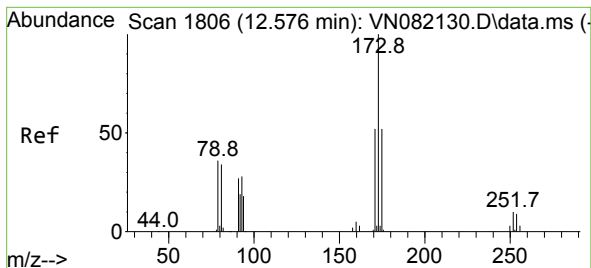
Tgt Ion:	95	Resp:	152596
Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	160.6
176	73.2	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN082353.D
 Acq: 28 May 2024 17:43

Tgt Ion:	117	Resp:	316897
Ion	Ratio	Lower	Upper
117	100		
82	60.1	44.6	66.8
119	31.8	25.9	38.9





#71

Bromoform

Concen: 1.105 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN082353.D

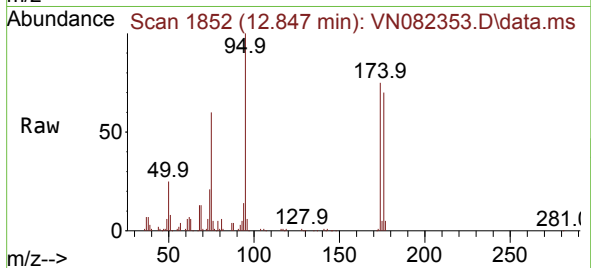
Acq: 28 May 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

240522007-01-TRIP-BLANK



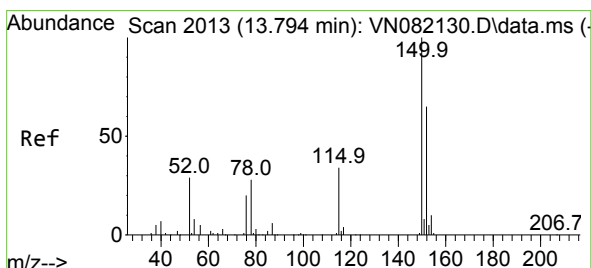
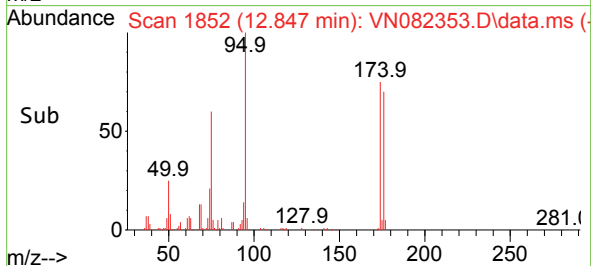
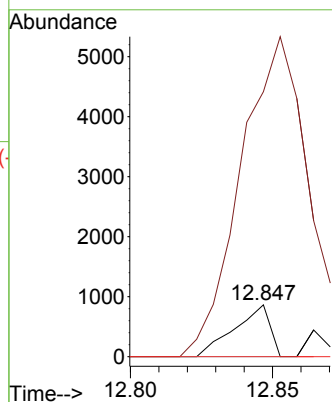
Tgt Ion:173 Resp: 751

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# 2013

Delta R.T. -0.000 min

Lab File: VN082353.D

Acq: 28 May 2024 17:43

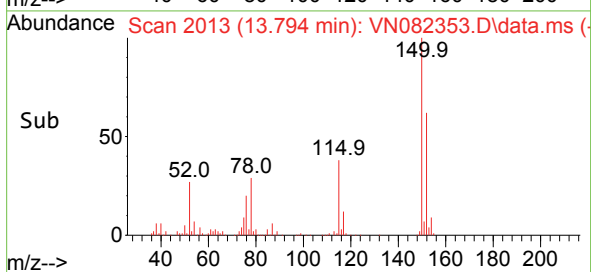
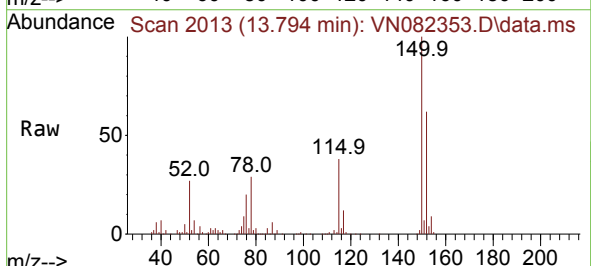
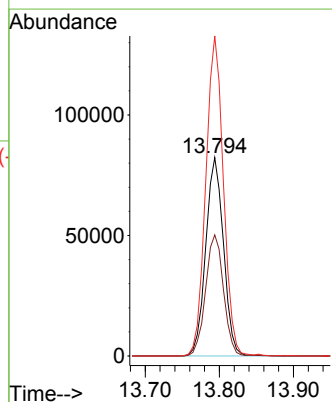
Tgt Ion:152 Resp: 137275

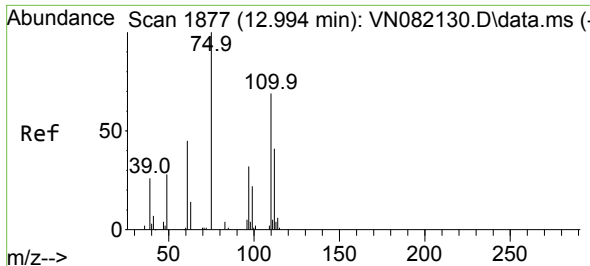
Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.3

150 159.7 0.0 353.2

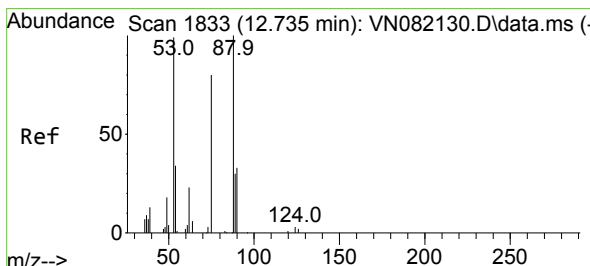
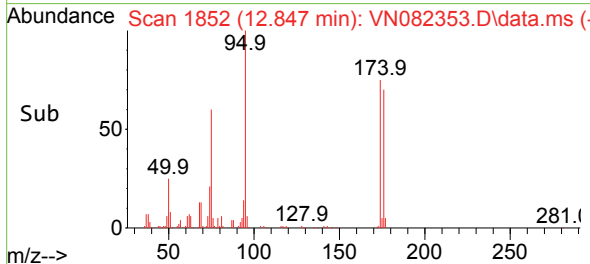
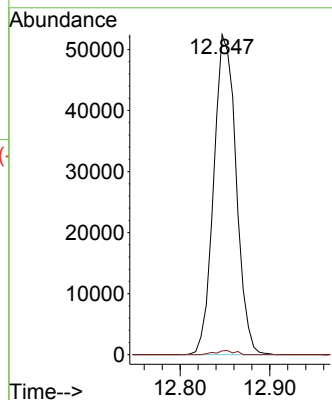
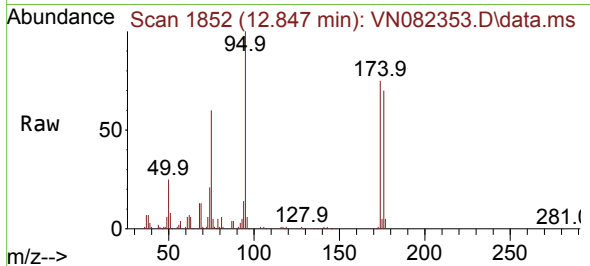




#76
1,2,3-Trichloropropane
Concen: 31.433 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :
240522007-01-TRIP-BLANK

Tgt Ion: 75 Resp: 90820
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.521 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082353.D
Acq: 28 May 2024 17:43

Tgt Ion: 75 Resp: 90820
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

