

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081409.D
 Acq On : 14 Mar 2024 14:53
 Operator : JC\MD
 Sample : P1727-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240313039-03-TRIP-BLANK

Quant Time: Mar 15 01:13:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

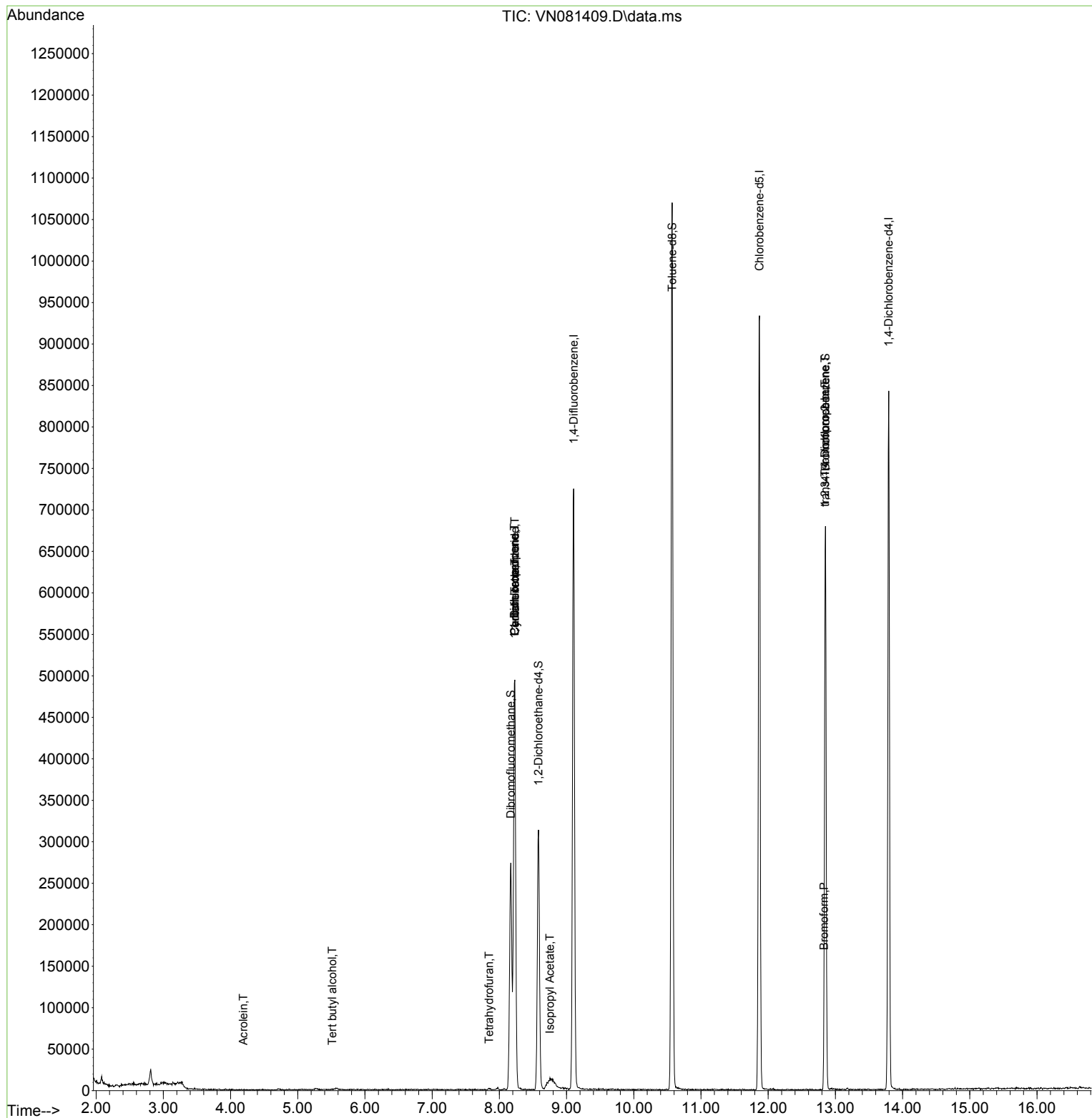
Internal Standards						
1) Pentafluorobenzene	8.230	168	340949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	610743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	530556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254811	51.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.380%	
35) Dibromofluoromethane	8.171	113	192647	51.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.960%	
50) Toluene-d8	10.571	98	720365	51.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.853	95	228676	46.255	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	241	0.280	ug/l #	72
13) Acrolein	4.189	56	313	0.307	ug/l #	74
20) Methylene Chloride	5.295	84	355	Below Cal	#	28
29) Tetrahydrofuran	7.847	42	937	0.470	ug/l #	76
31) Cyclohexane	8.230	56	9534	1.277	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32960	5.460	ug/l #	51
38) Carbon Tetrachloride	8.230	117	40010	6.585	ug/l #	18
43) Isopropyl Acetate	8.753	43	15463	1.497	ug/l #	57
71) Bromoform	12.829	173	593	0.209	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	132886	26.532	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	132886	74.045	ug/l #	14

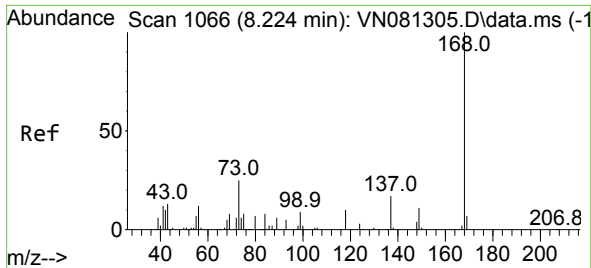
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

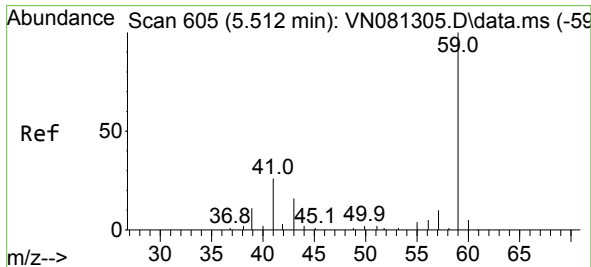
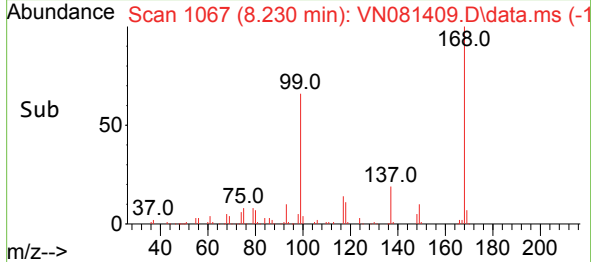
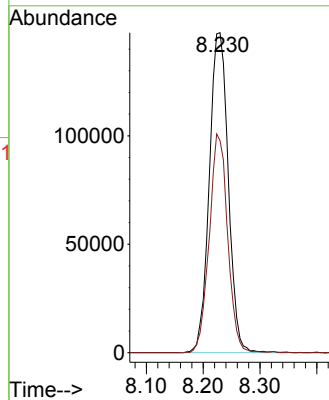
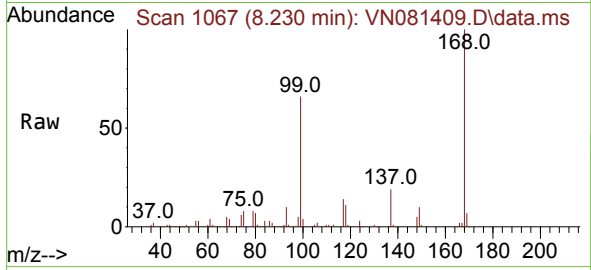




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

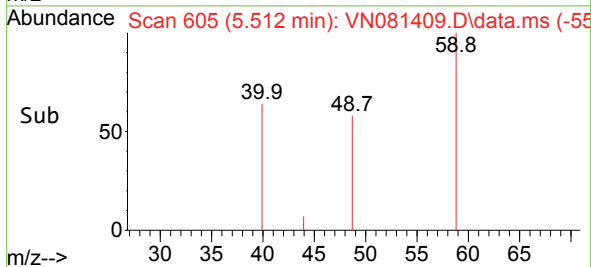
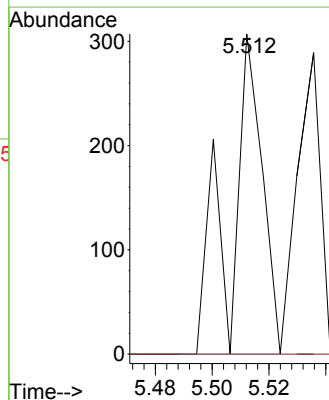
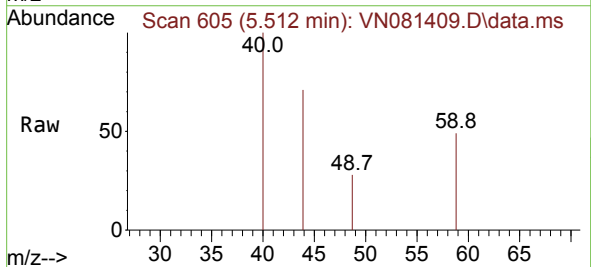
Instrument :
MSVOA_N
ClientSampleId :
240313039-03-TRIP-BLANK

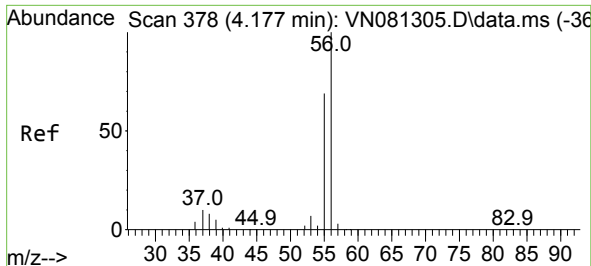
Tgt Ion:168 Resp: 340949
Ion Ratio Lower Upper
168 100
99 66.2 59.9 89.9



#11
Tert butyl alcohol
Concen: 0.280 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

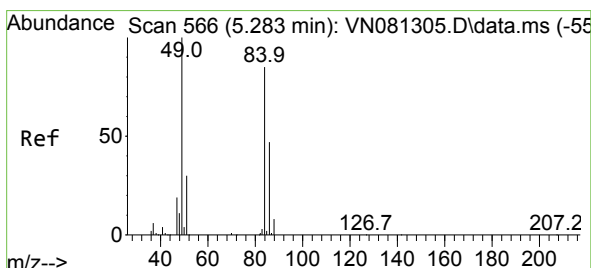
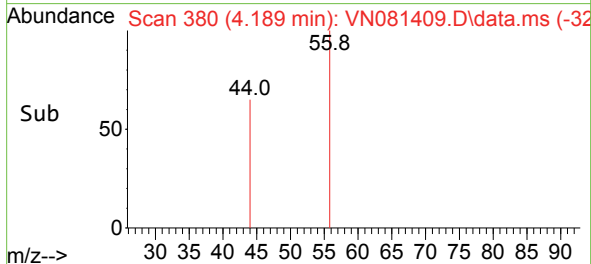
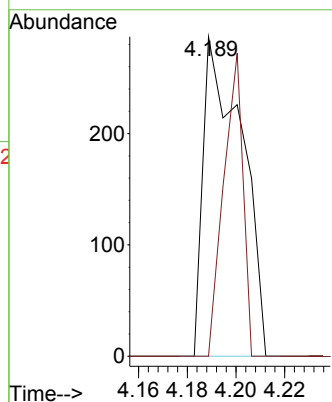
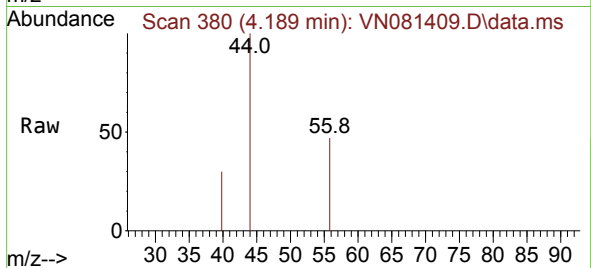




#13
Acrolein
Concen: 0.307 ug/l
RT: 4.189 min Scan# 313
Delta R.T. 0.012 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

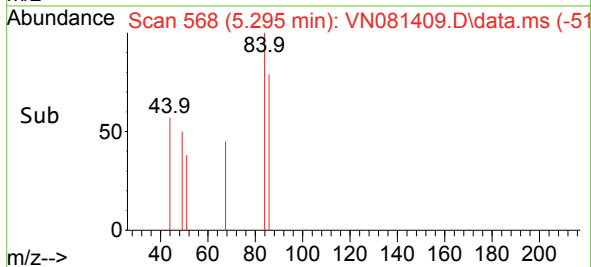
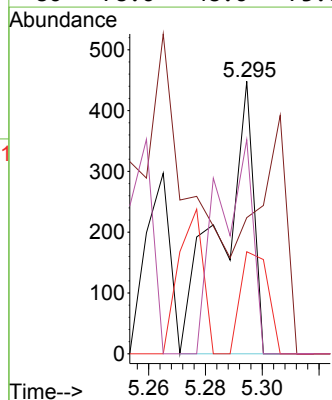
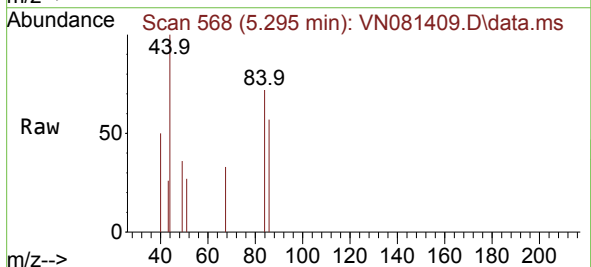
Instrument :
MSVOA_N
ClientSampleId :
240313039-03-TRIP-BLANK

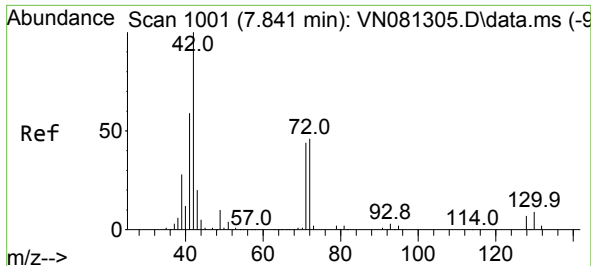
Tgt Ion: 56 Resp: 313
Ion Ratio Lower Upper
56 100
55 47.9 55.3 82.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

Tgt Ion: 84 Resp: 355
Ion Ratio Lower Upper
84 100
49 0.0 108.1 162.1#
51 37.5 32.9 49.3
86 78.6 48.6 73.0#





#29

Tetrahydrofuran

Concen: 0.470 ug/l

RT: 7.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081409.D

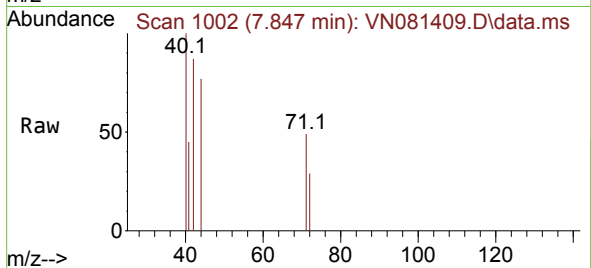
Acq: 14 Mar 2024 14:53

Instrument :

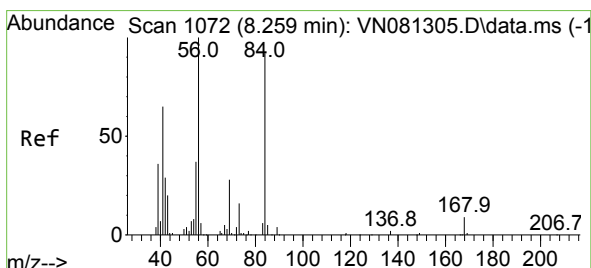
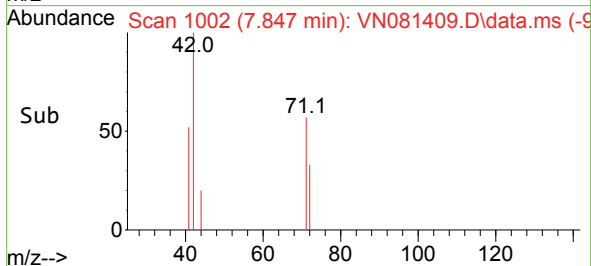
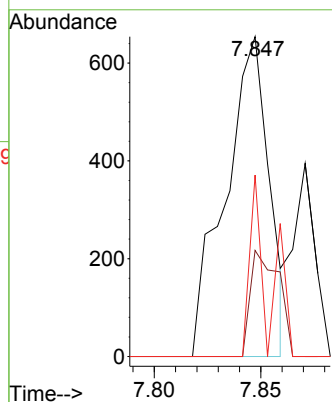
MSVOA_N

ClientSampleId :

240313039-03-TRIP-BLANK



Tgt Ion:	42	Resp:	937
Ion	Ratio	Lower	Upper
42	100		
72	21.3	31.1	46.7#
71	24.2	28.3	42.5#



#31

Cyclohexane

Concen: 1.277 ug/l

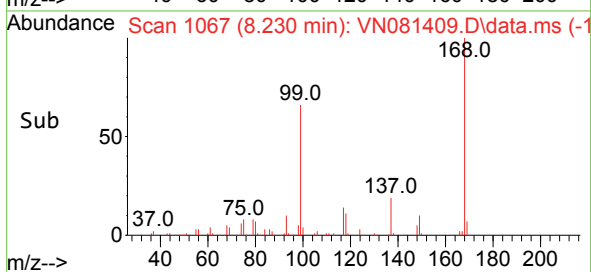
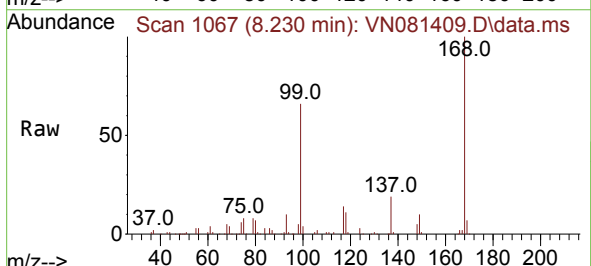
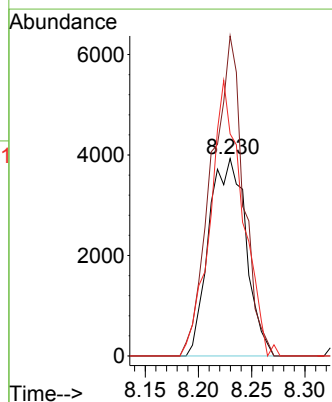
RT: 8.230 min Scan# 1067

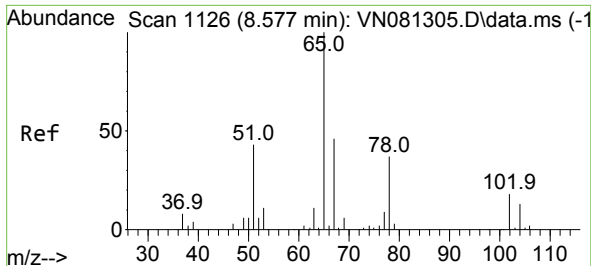
Delta R.T. -0.029 min

Lab File: VN081409.D

Acq: 14 Mar 2024 14:53

Tgt Ion:	56	Resp:	9534
Ion	Ratio	Lower	Upper
56	100		
69	162.1	20.1	30.1#
84	112.4	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.688 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081409.D

Acq: 14 Mar 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

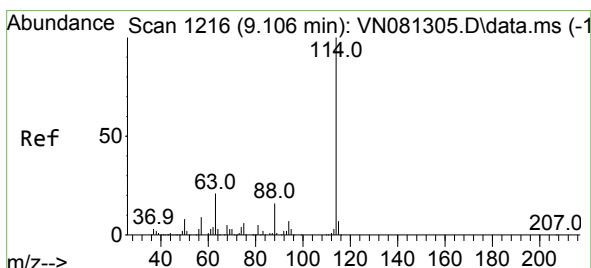
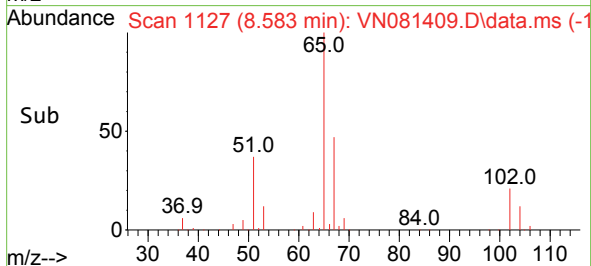
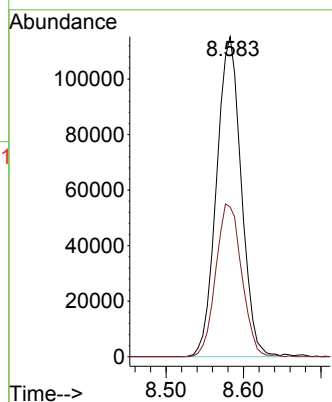
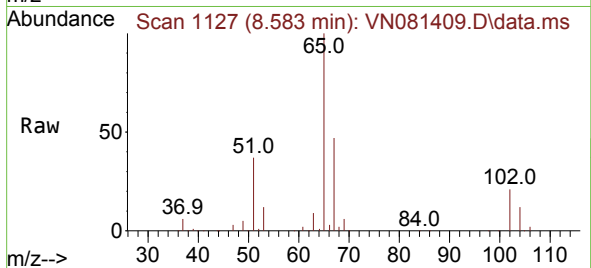
240313039-03-TRIP-BLANK

Tgt Ion: 65 Resp: 254811

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081409.D

Acq: 14 Mar 2024 14:53

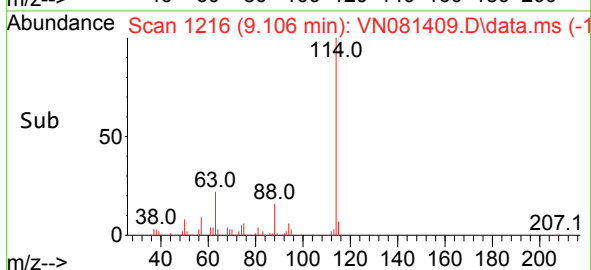
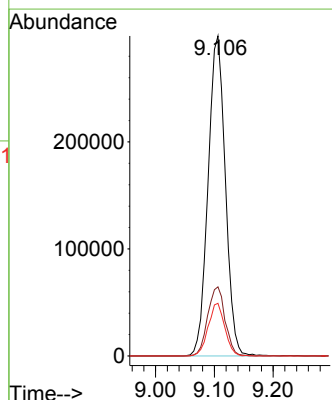
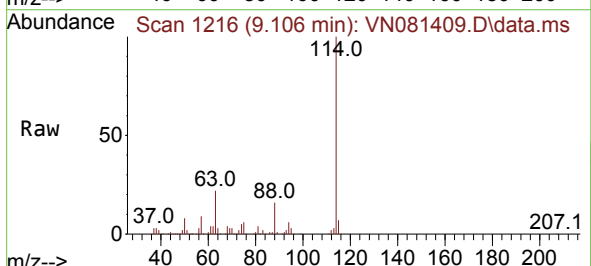
Tgt Ion: 114 Resp: 610743

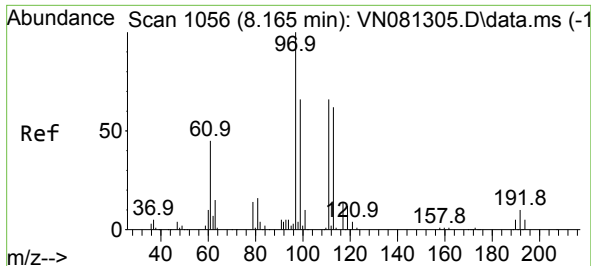
Ion Ratio Lower Upper

114 100

63 21.6 0.0 48.0

88 16.5 0.0 34.8

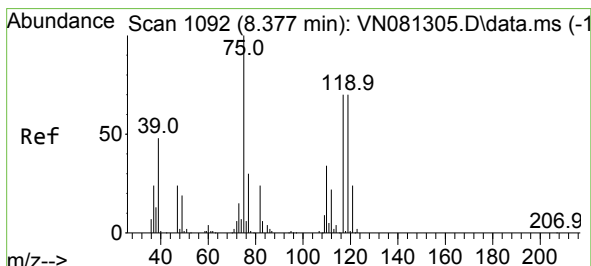
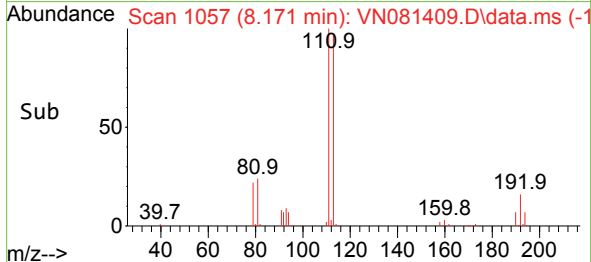
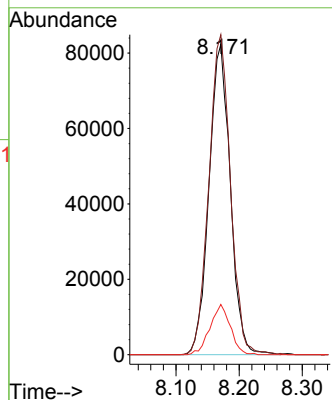
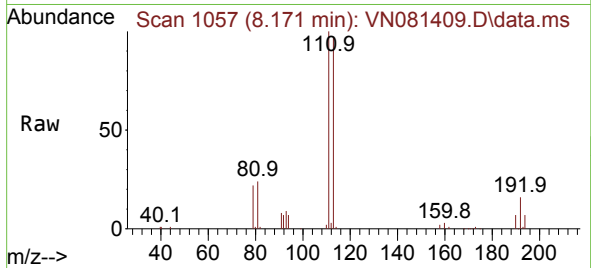




#35
Dibromofluoromethane
Concen: 51.485 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

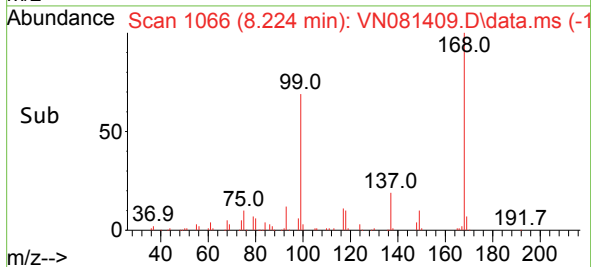
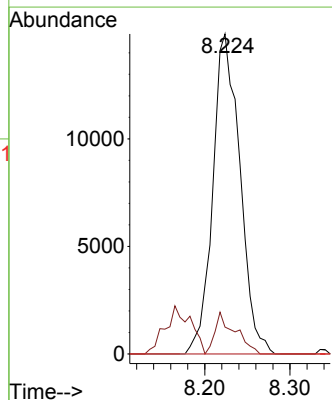
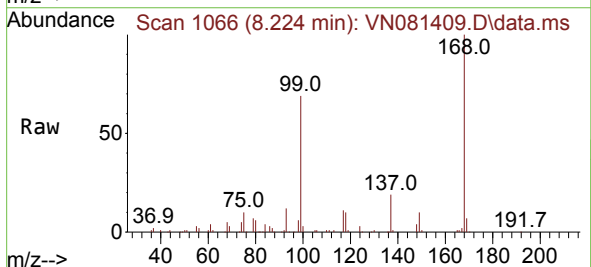
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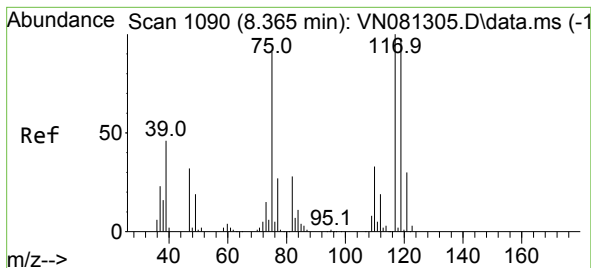
Tgt Ion:113 Resp: 192647
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.460 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

Tgt Ion: 75 Resp: 32960
Ion Ratio Lower Upper
75 100
110 9.7 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.585 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. -0.135 min

Lab File: VN081409.D

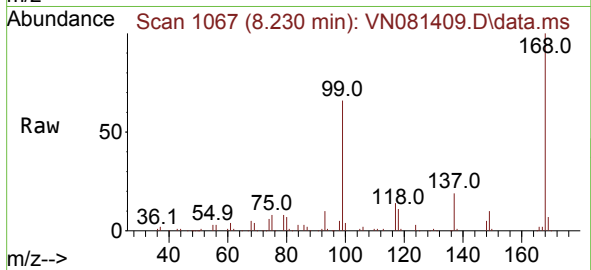
Acq: 14 Mar 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

240313039-03-TRIP-BLANK



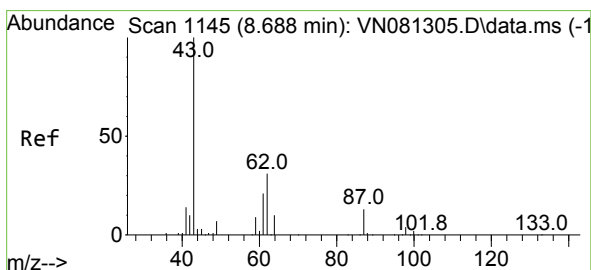
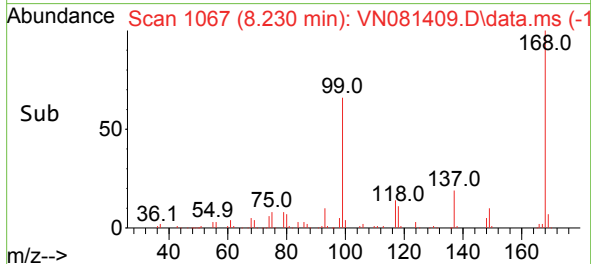
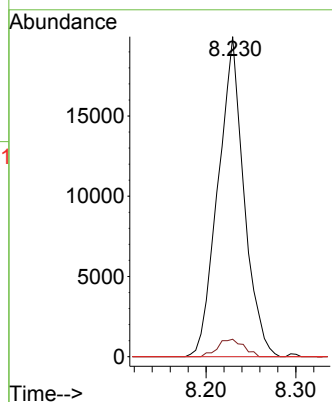
Tgt Ion:117 Resp: 40010

Ion Ratio Lower Upper

117 100

119 5.4 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 1.497 ug/l

RT: 8.753 min Scan# 1156

Delta R.T. 0.065 min

Lab File: VN081409.D

Acq: 14 Mar 2024 14:53

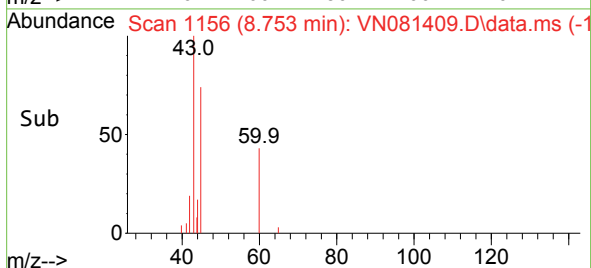
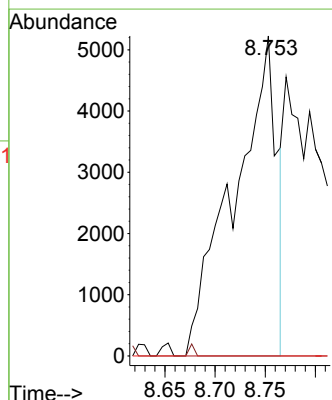
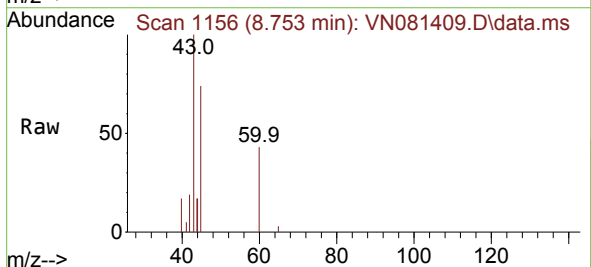
Tgt Ion: 43 Resp: 15463

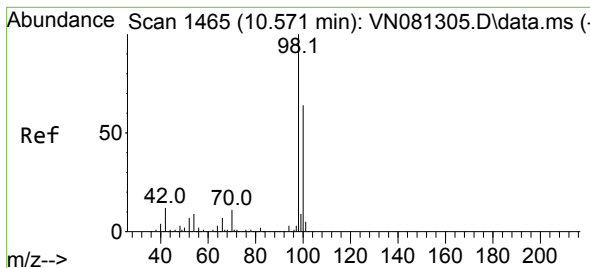
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#





#50

Toluene-d8

Concen: 51.500 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081409.D

Acq: 14 Mar 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

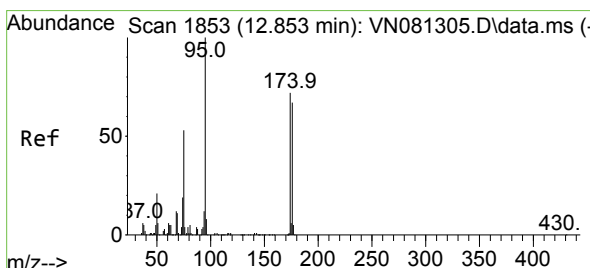
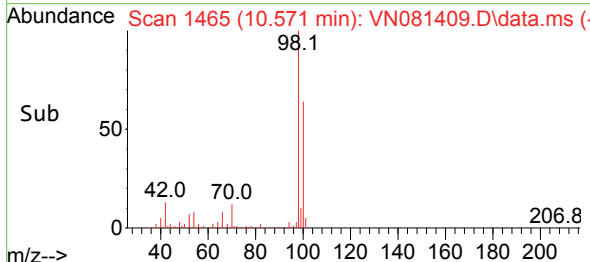
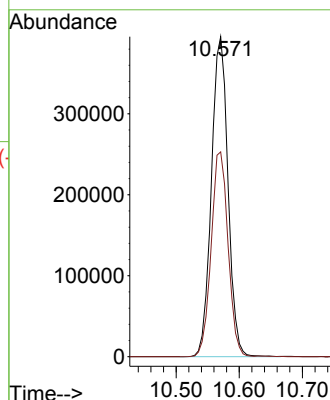
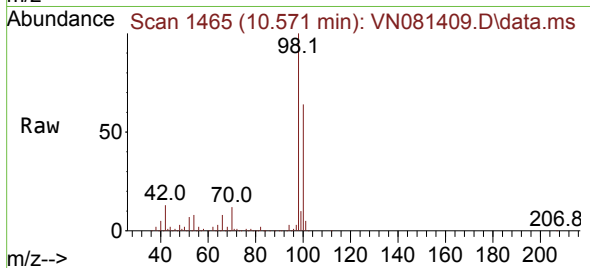
240313039-03-TRIP-BLANK

Tgt Ion: 98 Resp: 720365

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.255 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081409.D

Acq: 14 Mar 2024 14:53

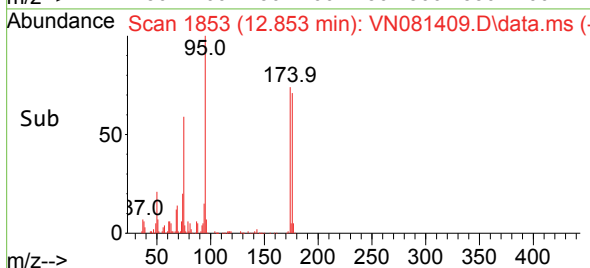
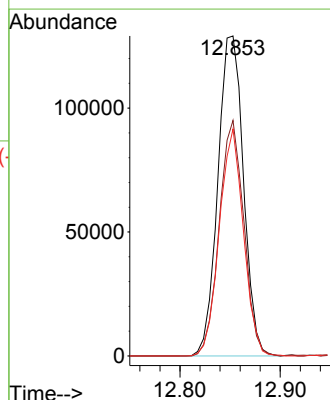
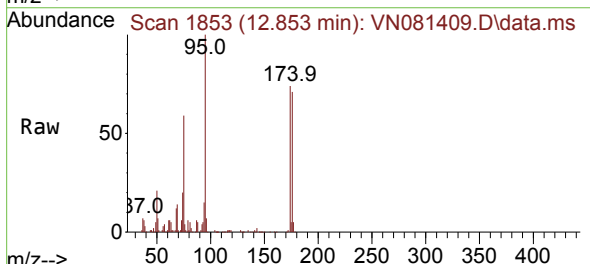
Tgt Ion: 95 Resp: 228676

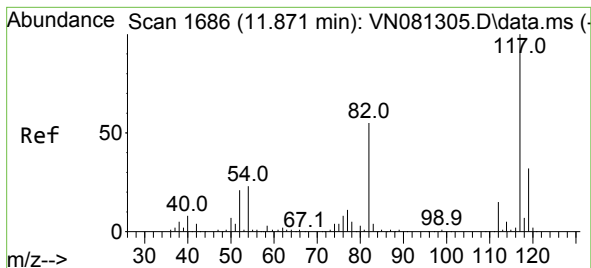
Ion Ratio Lower Upper

95 100

174 70.8 0.0 120.4

176 66.9 0.0 121.0

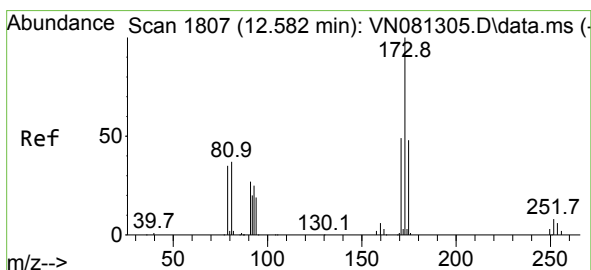
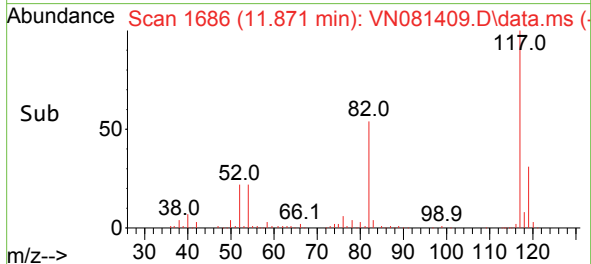
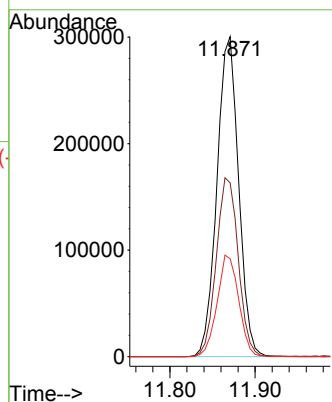
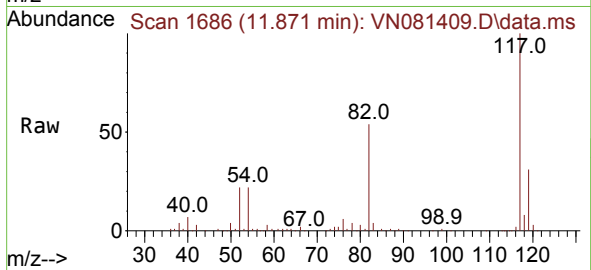




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

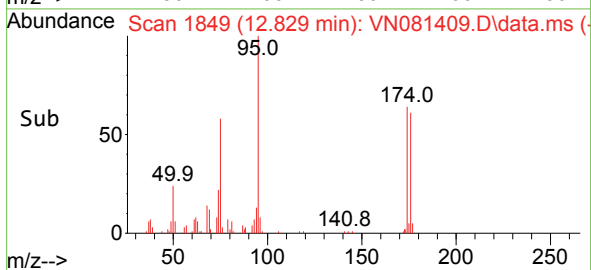
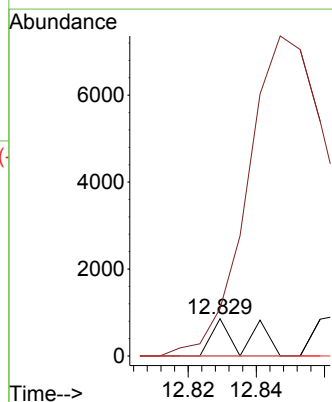
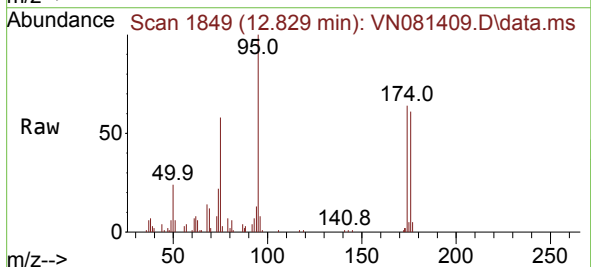
Instrument :
MSVOA_N
ClientSampleId :
240313039-03-TRIP-BLANK

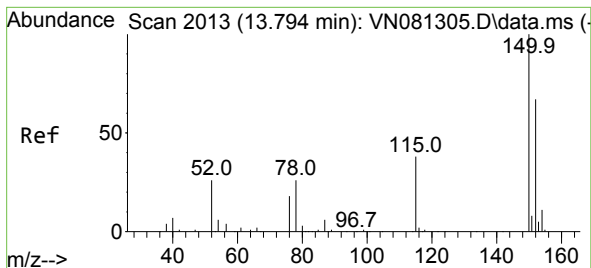
Tgt Ion:117 Resp: 530556
Ion Ratio Lower Upper
117 100
82 54.3 52.7 79.1
119 30.6 25.3 37.9



#71
Bromoform
Concen: 0.209 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.247 min
Lab File: VN081409.D
Acq: 14 Mar 2024 14:53

Tgt Ion:173 Resp: 593
Ion Ratio Lower Upper
173 100
175 1794.1 23.1 69.2#
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: VN081409.D

Acq: 14 Mar 2024 14:53

Instrument :

MSVOA_N

ClientSampleId :

240313039-03-TRIP-BLANK

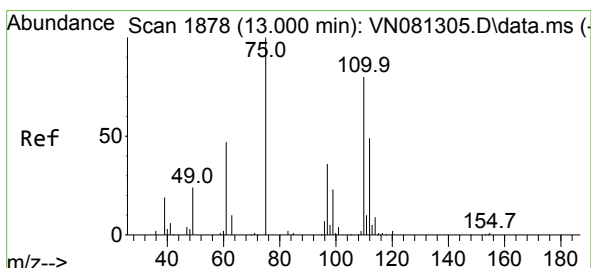
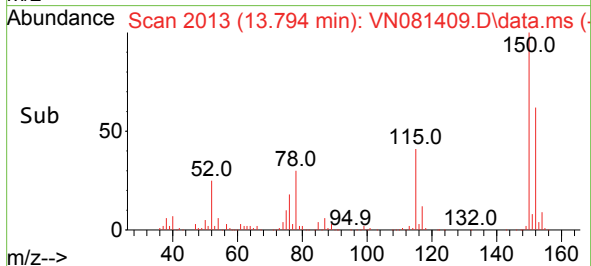
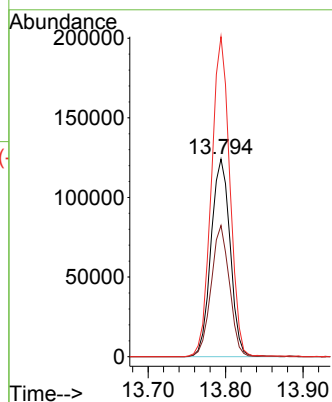
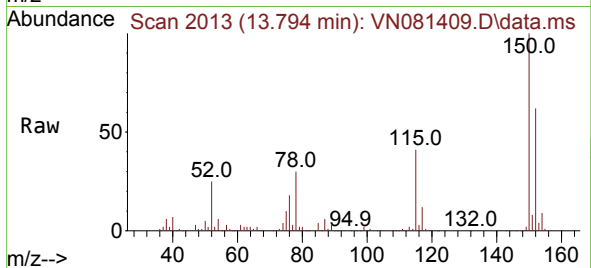
Tgt Ion:152 Resp: 212050

Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

150 156.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 26.532 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.153 min

Lab File: VN081409.D

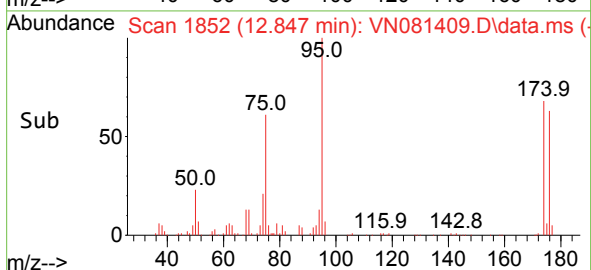
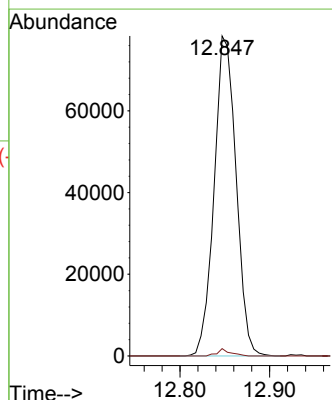
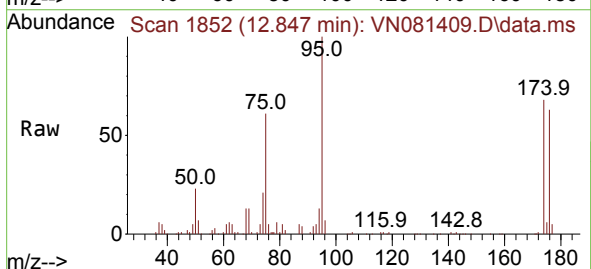
Acq: 14 Mar 2024 14:53

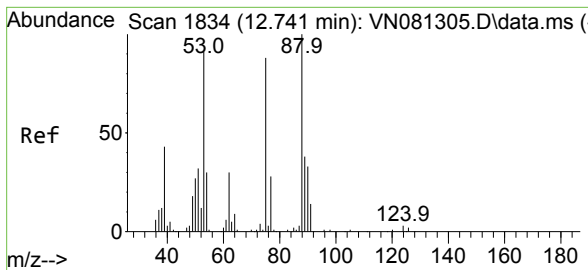
Tgt Ion: 75 Resp: 132886

Ion Ratio Lower Upper

75 100

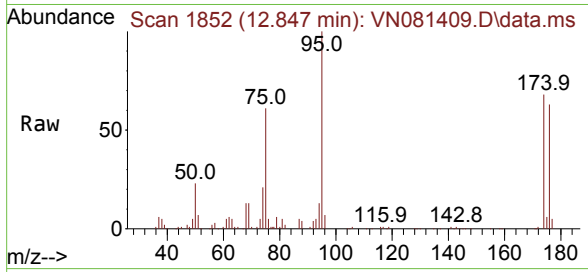
77 1.3 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.045 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081409.D
 Acq: 14 Mar 2024 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 240313039-03-TRIP-BLANK



Tgt Ion: 75 Resp: 132886
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

