

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081444.D
 Acq On : 15 Mar 2024 22:52
 Operator : JC\MD
 Sample : P1773-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 15 23:41:41 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)

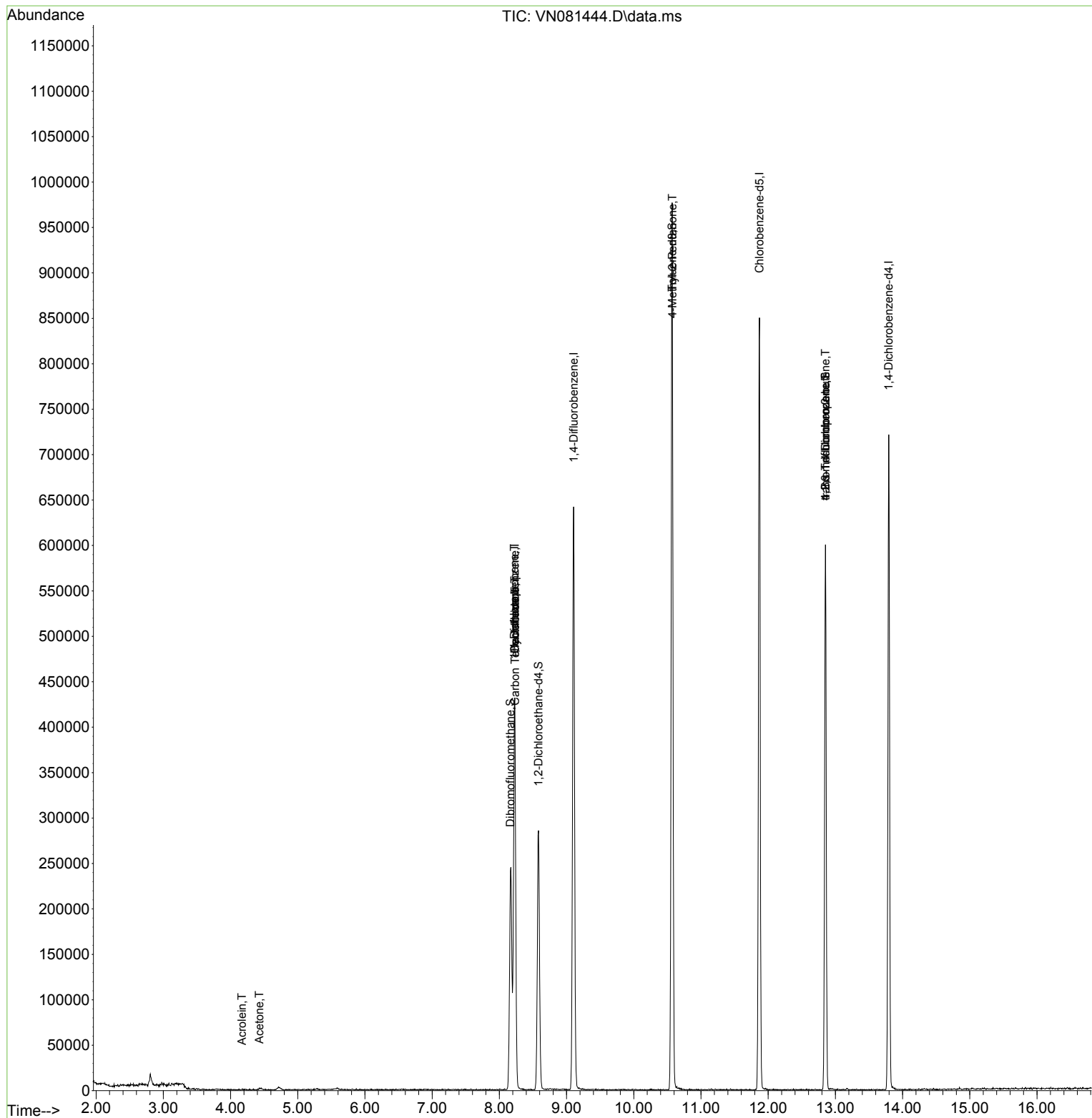
Internal Standards						
1) Pentafluorobenzene	8.229	168	283702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	463866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	231405	56.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.820%	
35) Dibromofluoromethane	8.165	113	173565	52.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.780%	
50) Toluene-d8	10.571	98	642255	52.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	12.853	95	200904	46.334	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.660%	
Target Compounds						
					Qvalue	
13) Acrolein	4.171	56	225	0.265	ug/l #	15
16) Acetone	4.430	43	1450	0.998	ug/l #	60
20) Methylene Chloride	5.294	84	181	Below Cal	#	64
31) Cyclohexane	8.229	56	7973	1.284	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	29900	5.647	ug/l #	50
38) Carbon Tetrachloride	8.235	117	34069	6.394	ug/l #	18
51) 4-Methyl-2-Pentanone	10.576	43	3778	0.718	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	112984	26.546	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	112984	74.084	ug/l #	14

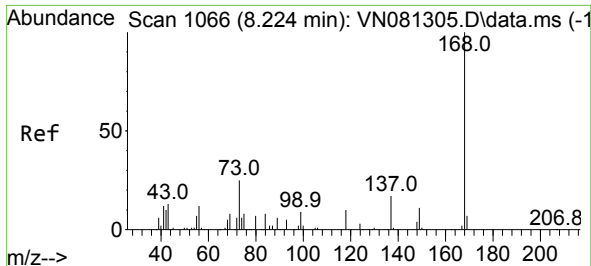
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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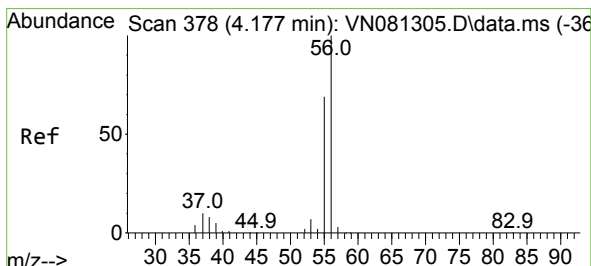
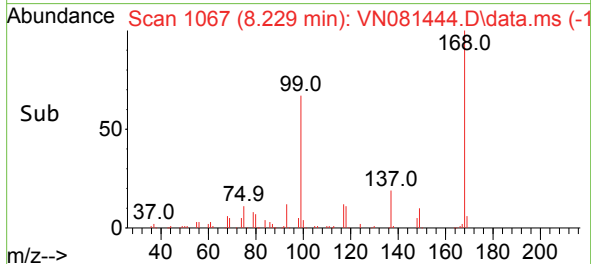
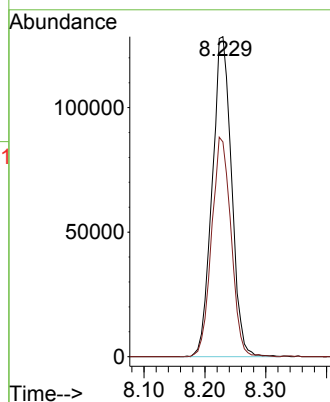
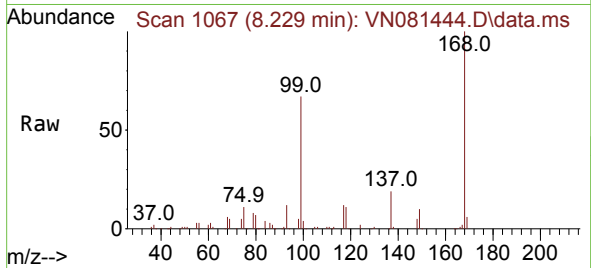




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

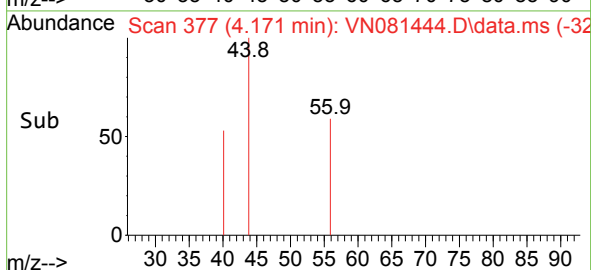
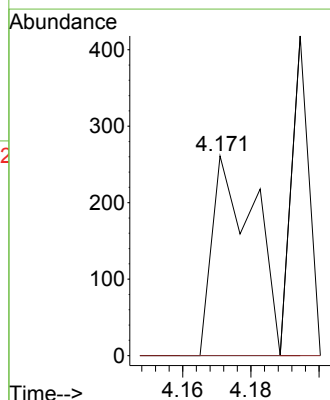
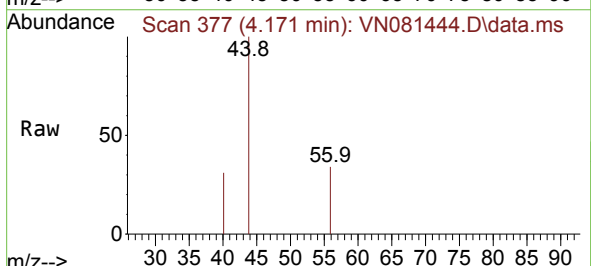
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

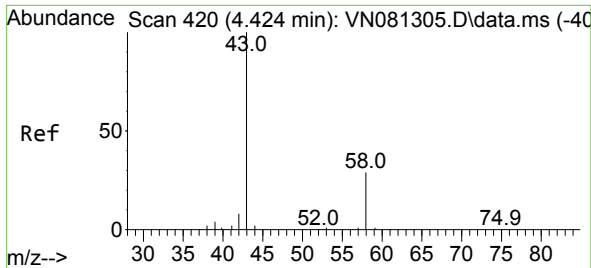
Tgt Ion:168 Resp: 283702
Ion Ratio Lower Upper
168 100
99 67.1 59.9 89.9



#13
Acrolein
Concen: 0.265 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





#16

Acetone

Concen: 0.998 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081444.D

Acq: 15 Mar 2024 22:52

Instrument :

MSVOA_N

ClientSampleId :

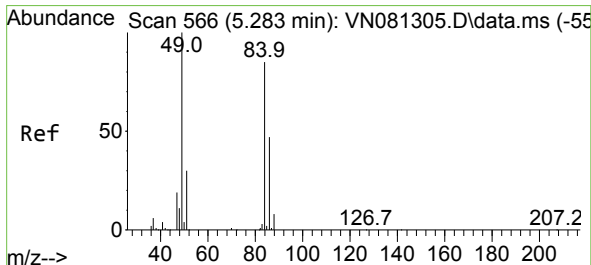
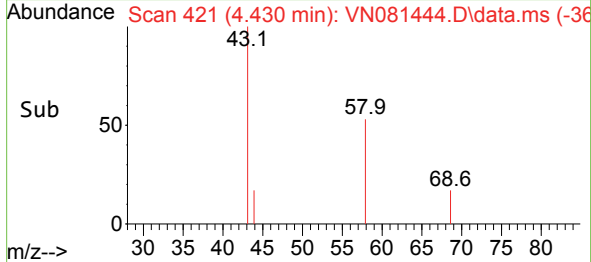
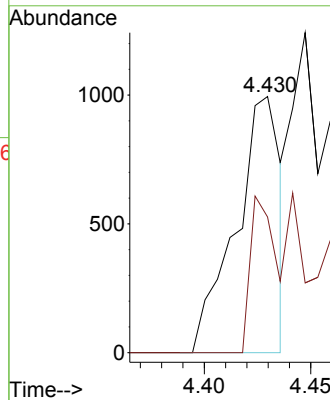
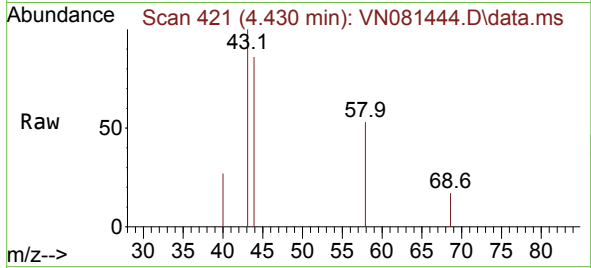
TRIP-BLANK

Tgt Ion: 43 Resp: 1450

Ion Ratio Lower Upper

43 100

58 53.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.294 min Scan# 568

Delta R.T. 0.011 min

Lab File: VN081444.D

Acq: 15 Mar 2024 22:52

Tgt Ion: 84 Resp: 181

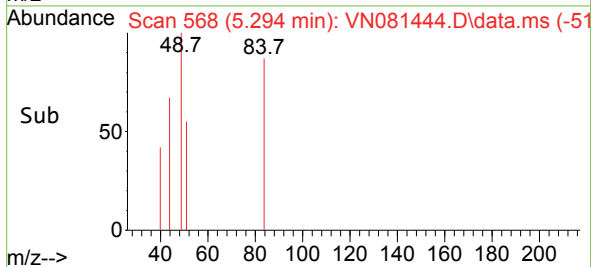
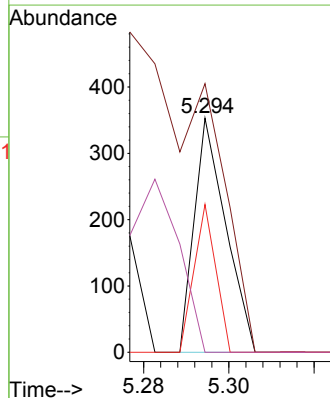
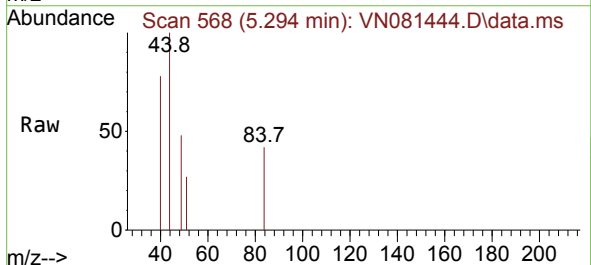
Ion Ratio Lower Upper

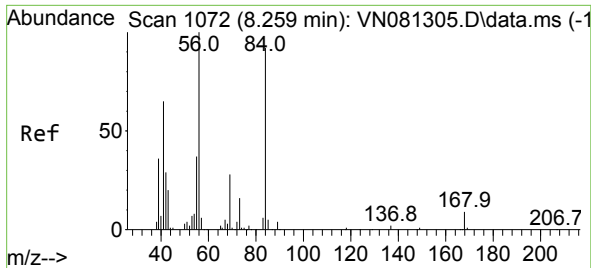
84 100

49 114.7 108.1 162.1

51 63.2 32.9 49.3#

86 0.0 48.6 73.0#

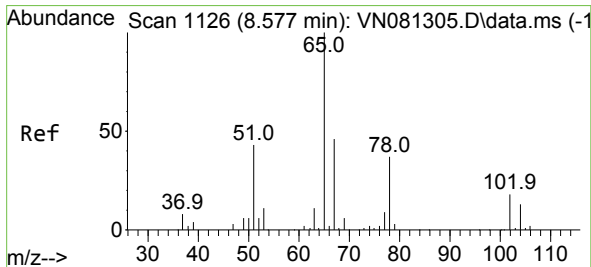
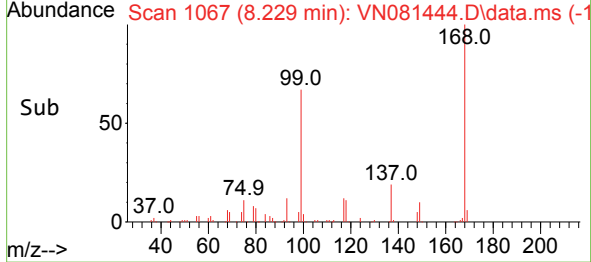
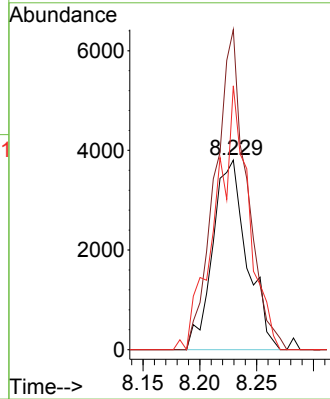
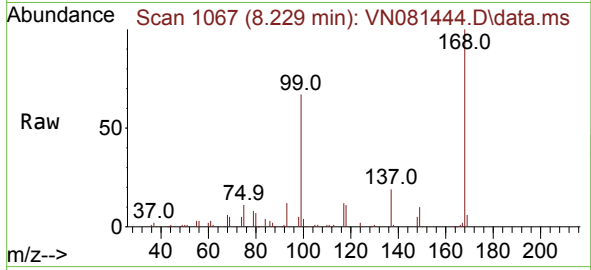




#31
Cyclohexane
Concen: 1.284 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

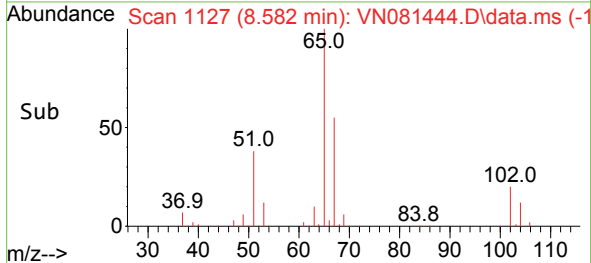
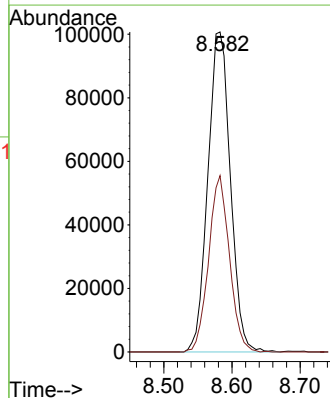
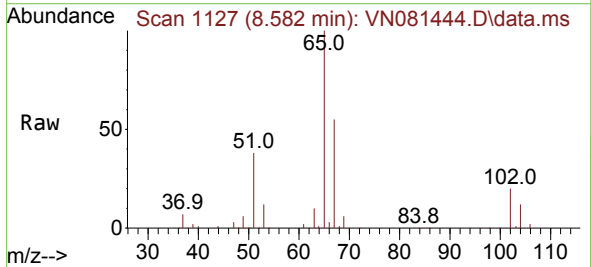
Instrument :
MSVOA_N
ClientSampleId :
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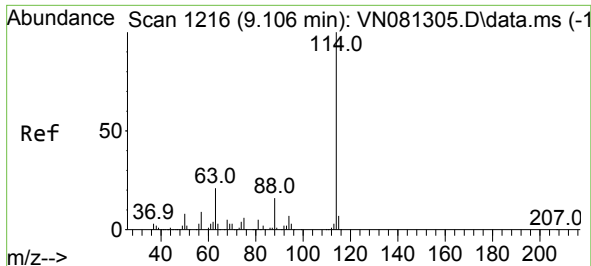
Tgt Ion: 56 Resp: 7973
Ion Ratio Lower Upper
56 100
69 168.8 20.1 30.1#
84 139.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 56.413 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

Tgt Ion: 65 Resp: 231405
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4

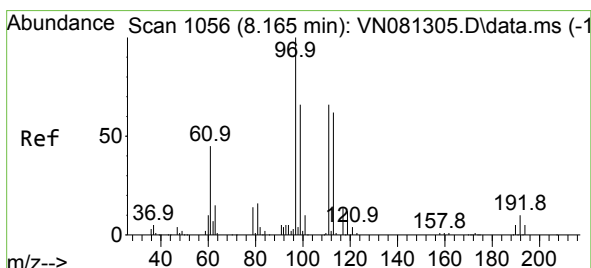
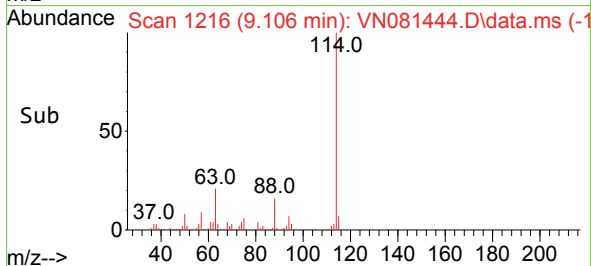
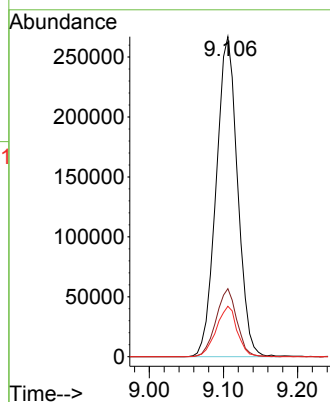
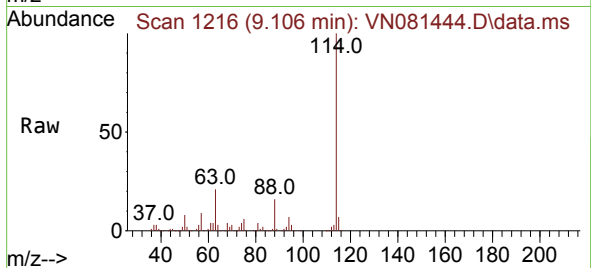




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

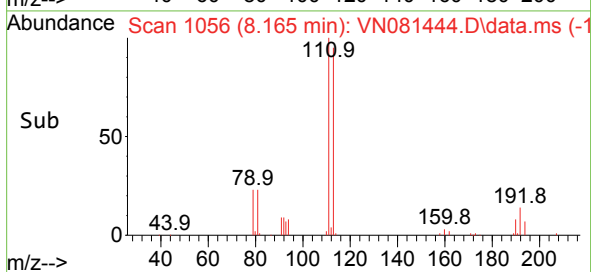
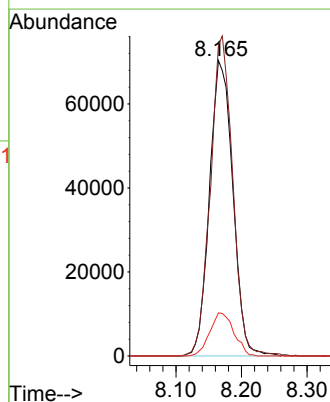
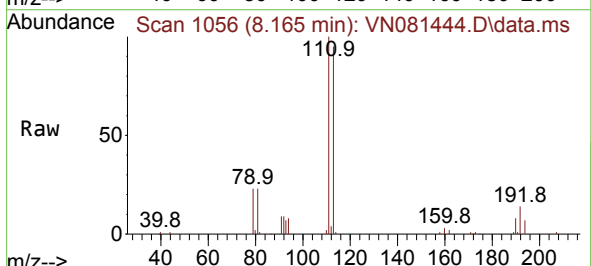
Instrument :
MSVOA_N
ClientSampleId :
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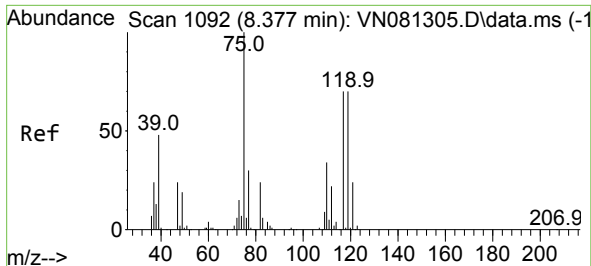
Tgt Ion:114 Resp: 535655
Ion Ratio Lower Upper
114 100
63 21.2 0.0 48.0
88 15.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.887 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

Tgt Ion:113 Resp: 173565
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 15.1 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.647 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081444.D

Acq: 15 Mar 2024 22:52

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

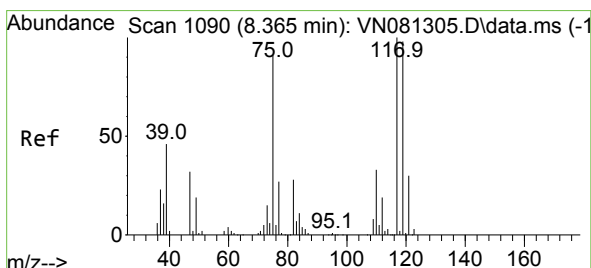
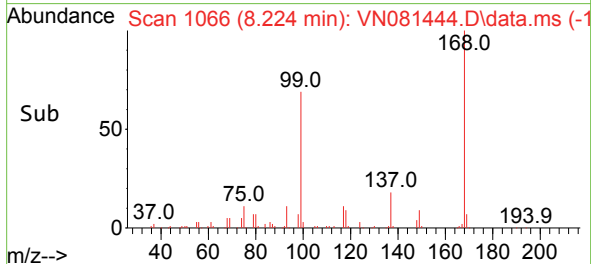
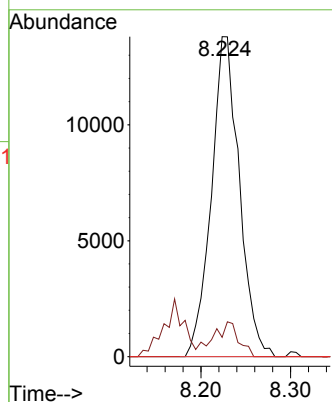
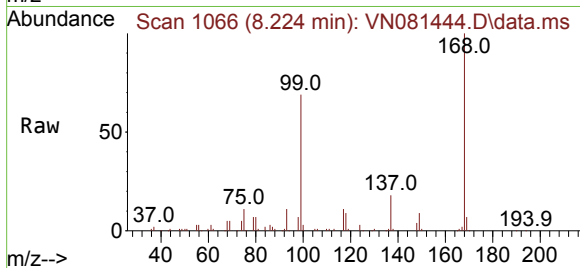
Tgt Ion: 75 Resp: 29900

Ion Ratio Lower Upper

75 100

110 8.6 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.394 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN081444.D

Acq: 15 Mar 2024 22:52

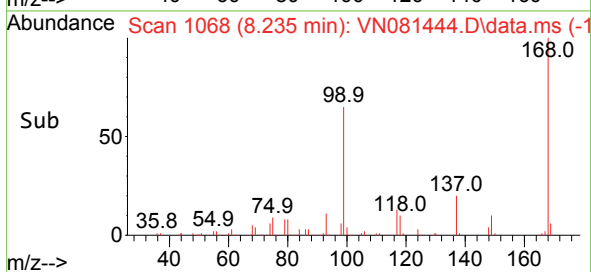
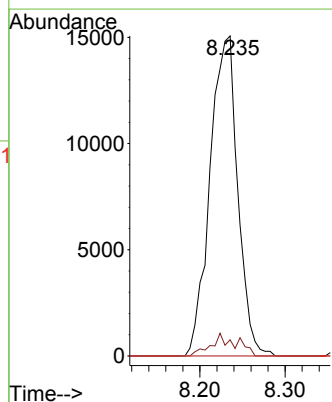
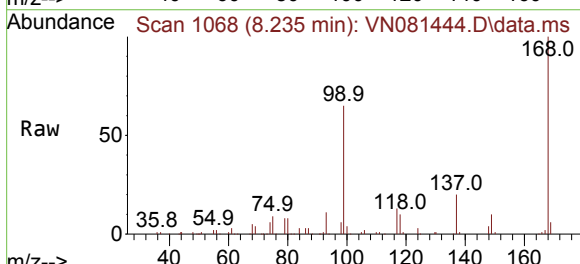
Tgt Ion: 117 Resp: 34069

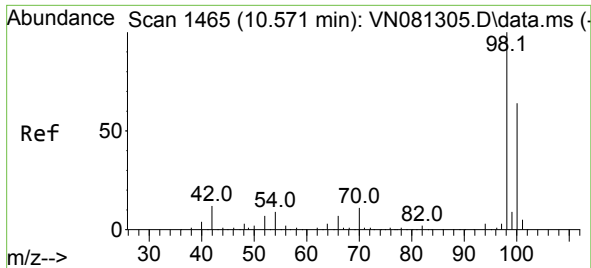
Ion Ratio Lower Upper

117 100

119 5.1 73.4 110.2#

121 0.0 24.4 36.6#

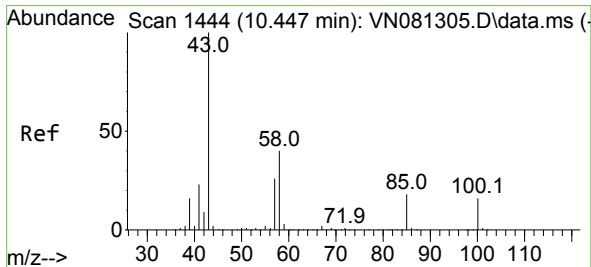
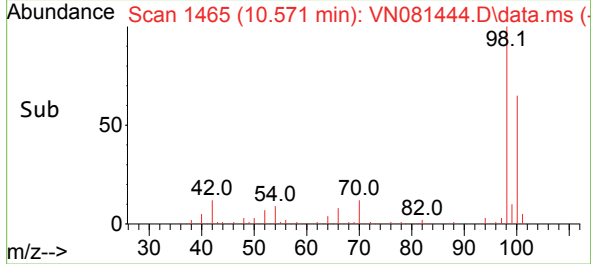
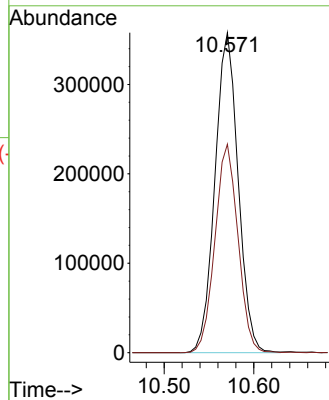
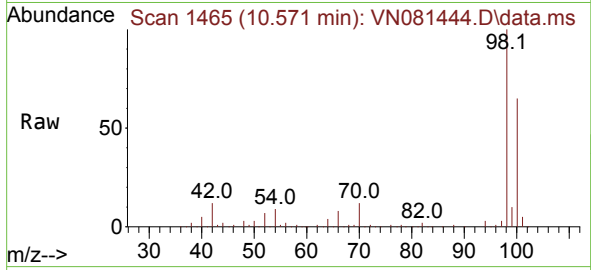




#50
Toluene-d8
Concen: 52.352 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

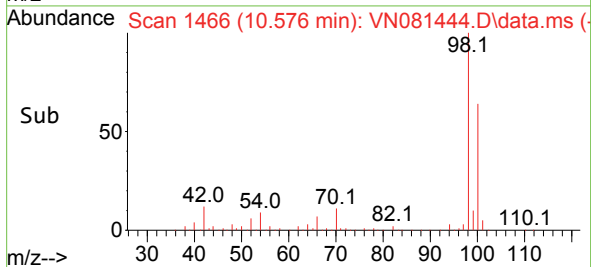
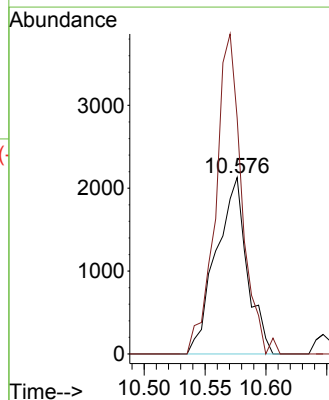
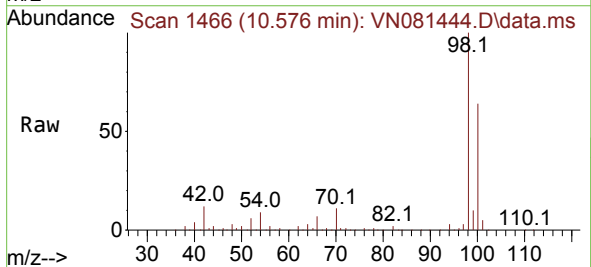
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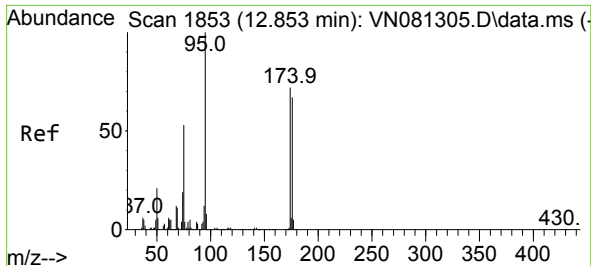
Tgt Ion: 98 Resp: 642255
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.718 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.129 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

Tgt Ion: 43 Resp: 3778
Ion Ratio Lower Upper
43 100
58 152.9 29.4 44.0#

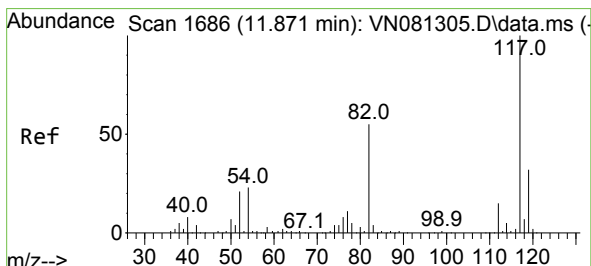
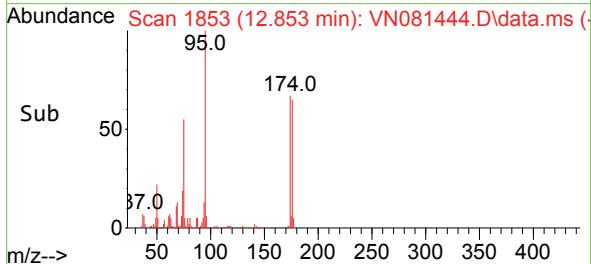
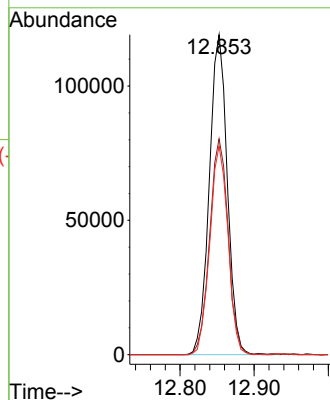
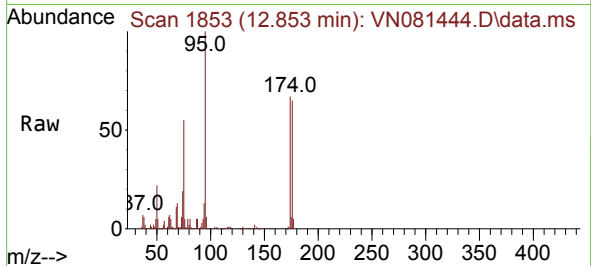




#62
4-Bromofluorobenzene
Concen: 46.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

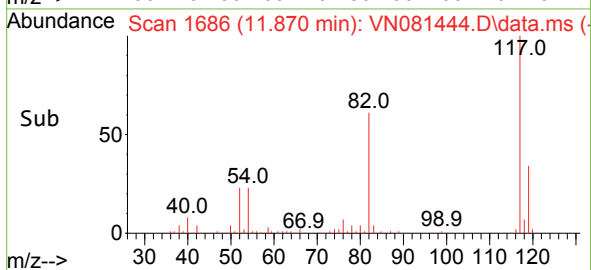
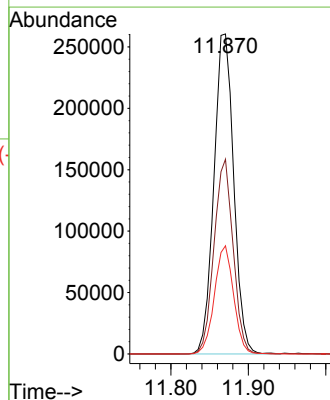
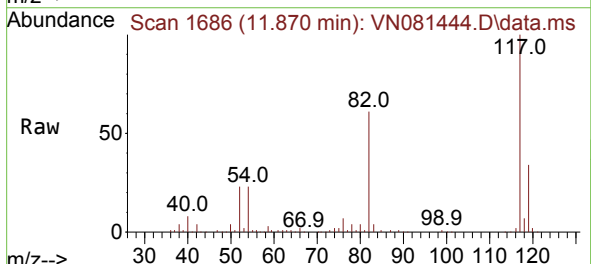
Instrument :
MSVOA_N
ClientSampleId :
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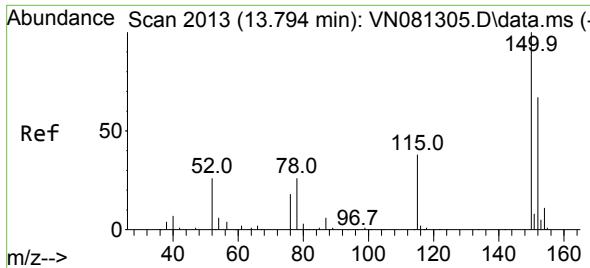
Tgt Ion: 95 Resp: 200904
Ion Ratio Lower Upper
95 100
174 69.3 0.0 120.4
176 65.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

Tgt Ion: 117 Resp: 463866
Ion Ratio Lower Upper
117 100
82 60.9 52.7 79.1
119 33.8 25.3 37.9

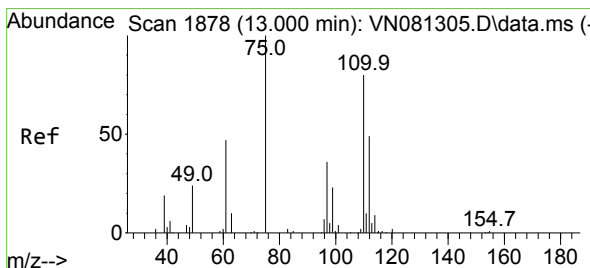
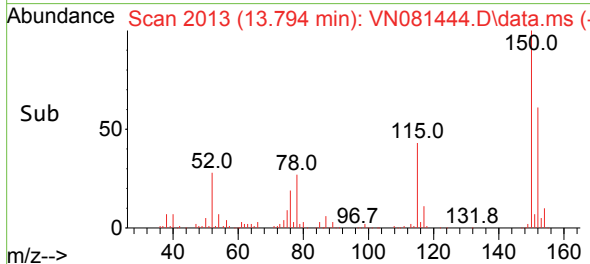
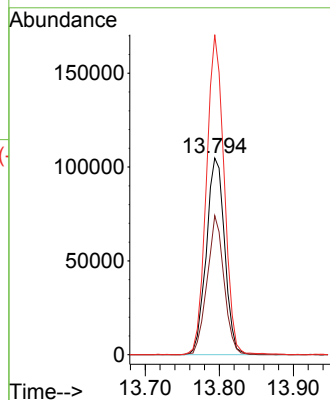
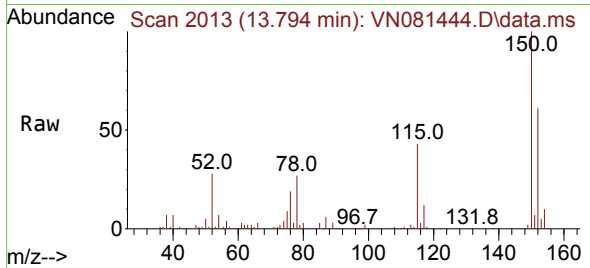




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081444.D
 Acq: 15 Mar 2024 22:52

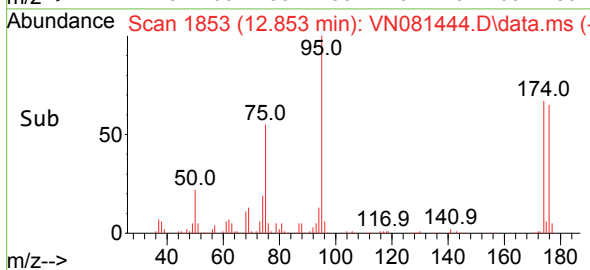
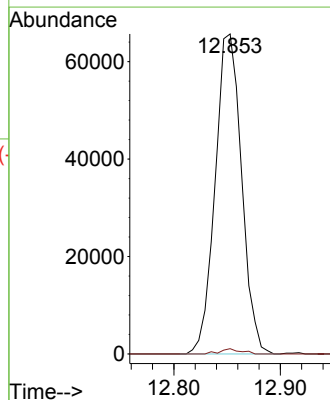
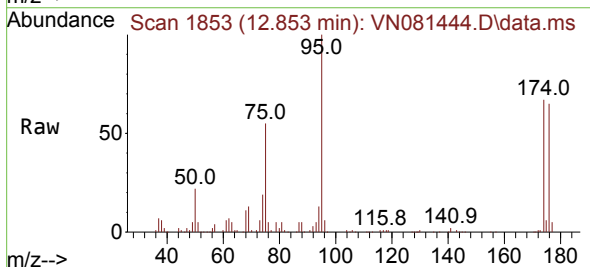
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

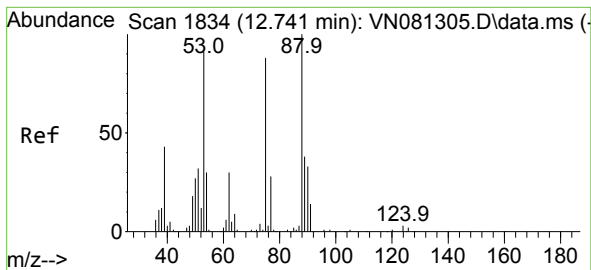
Tgt Ion:152 Resp: 180198
 Ion Ratio Lower Upper
 152 100
 115 65.3 32.3 96.8
 150 156.9 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 26.546 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN081444.D
 Acq: 15 Mar 2024 22:52

Tgt Ion: 75 Resp: 112984
 Ion Ratio Lower Upper
 75 100
 77 1.3 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.084 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081444.D
Acq: 15 Mar 2024 22:52

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 112984
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.2#
89 0.1 33.4 50.0#

