

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031324\
 Data File : VN081398.D
 Acq On : 13 Mar 2024 17:17
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Mar 14 01:09:16 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)

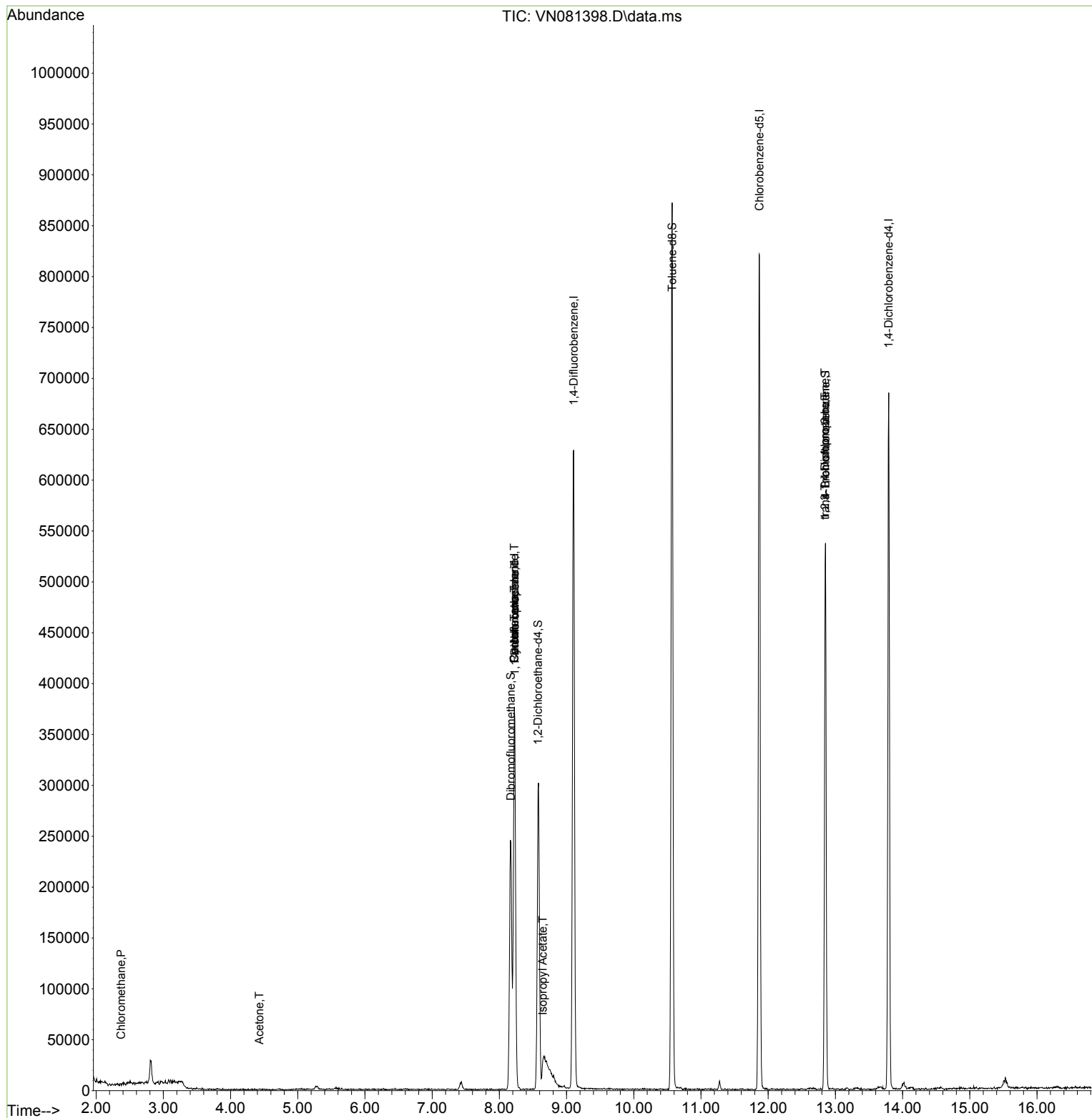
Internal Standards						
1) Pentafluorobenzene	8.224	168	249760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	242163	67.058	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 134.120%#	
35) Dibromofluoromethane	8.171	113	174508	52.672	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 105.340%	
50) Toluene-d8	10.571	98	586063	47.320	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 94.640%	
62) 4-Bromofluorobenzene	12.853	95	182373	41.663	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133		Recovery	= 83.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	737	0.206	ug/l #	43
16) Acetone	4.430	43	931	0.728	ug/l #	44
20) Methylene Chloride	5.294	84	1549	Below Cal	#	43
31) Cyclohexane	8.224	56	7284	1.332	ug/l #	6
36) 1,1-Dichloropropene	8.230	75	23613	4.418	ug/l #	53
38) Carbon Tetrachloride	8.224	117	29636	5.509	ug/l #	19
43) Isopropyl Acetate	8.647	43	72988	7.981	ug/l #	57
76) 1,2,3-Trichloropropane	12.847	75	103746	25.665	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	103746	71.626	ug/l #	14

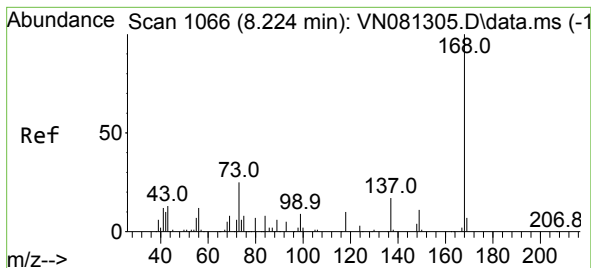
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081398.D

Acq: 13 Mar 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

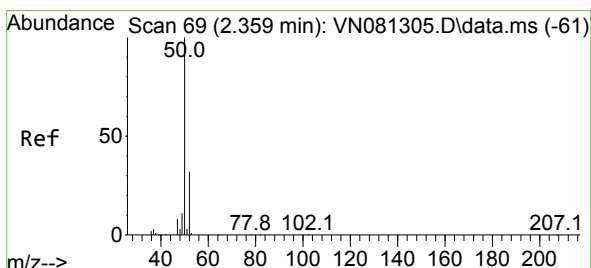
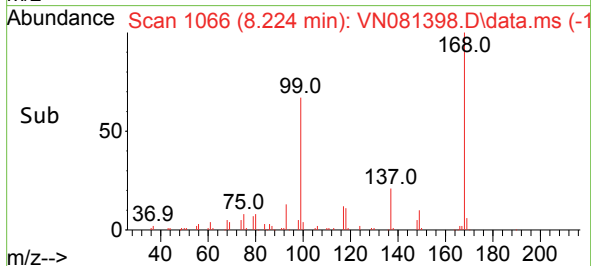
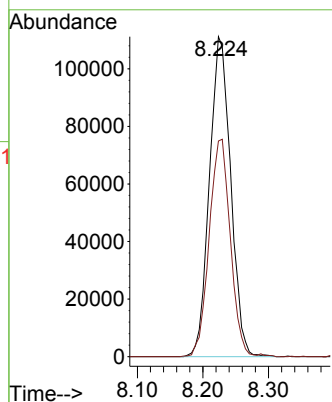
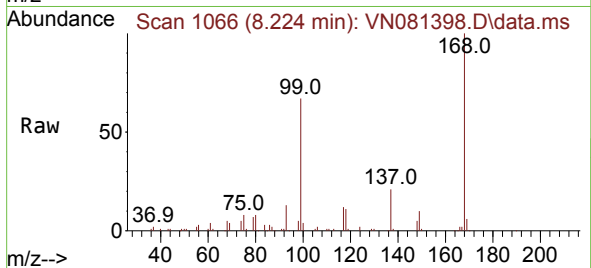
VIBLK

Tgt Ion:168 Resp: 249760

Ion Ratio Lower Upper

168 100

99 67.4 59.9 89.9



#3

Chloromethane

Concen: 0.206 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081398.D

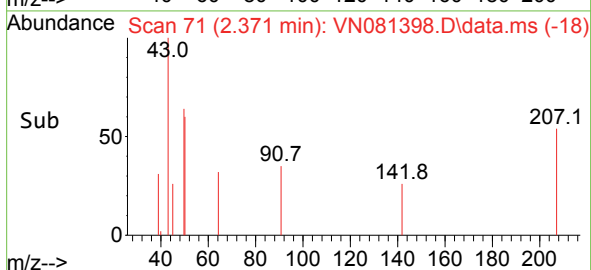
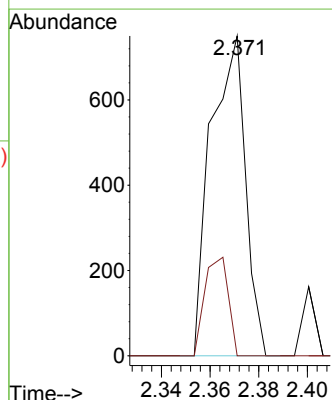
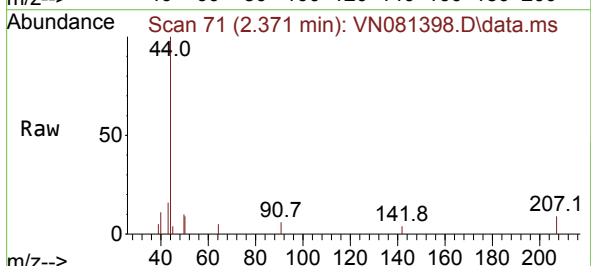
Acq: 13 Mar 2024 17:17

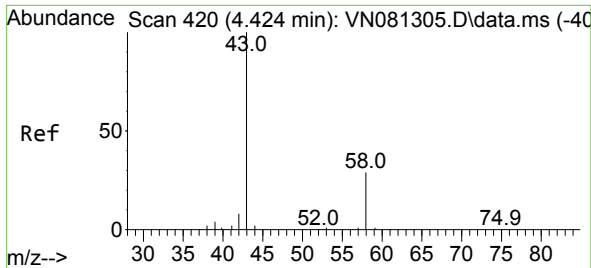
Tgt Ion: 50 Resp: 737

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#





#16

Acetone

Concen: 0.728 ug/l

RT: 4.430 min Scan# 431

Delta R.T. 0.006 min

Lab File: VN081398.D

Acq: 13 Mar 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

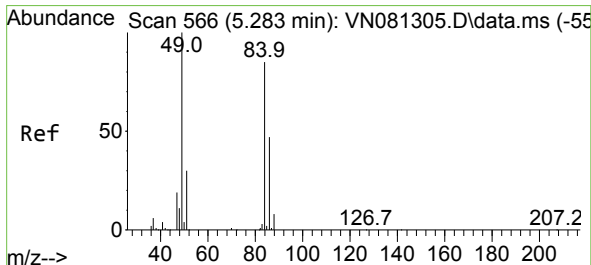
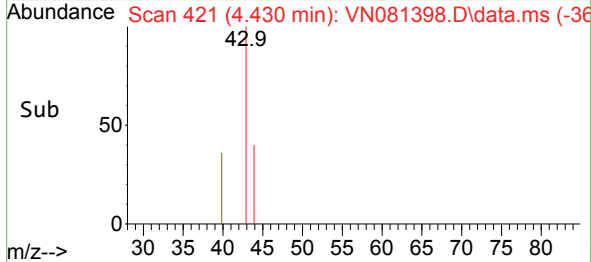
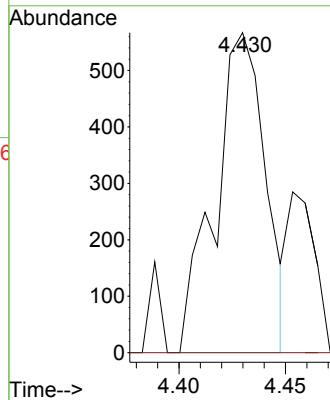
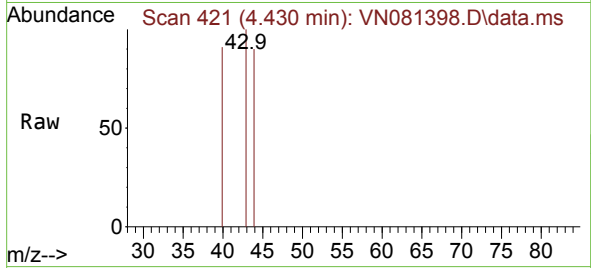
VIBLK

Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.294 min Scan# 568

Delta R.T. 0.011 min

Lab File: VN081398.D

Acq: 13 Mar 2024 17:17

Tgt Ion: 84 Resp: 1549

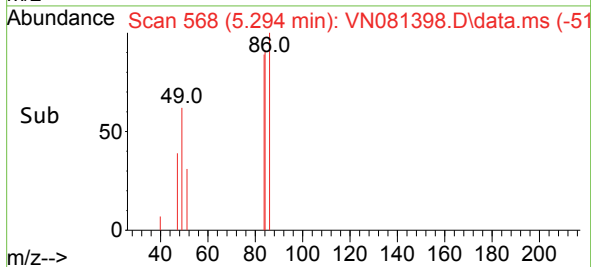
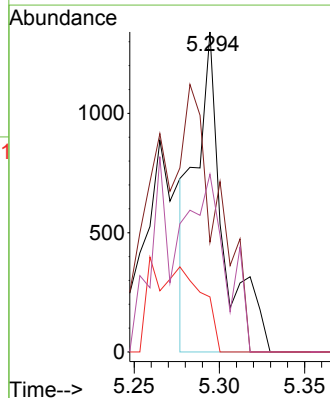
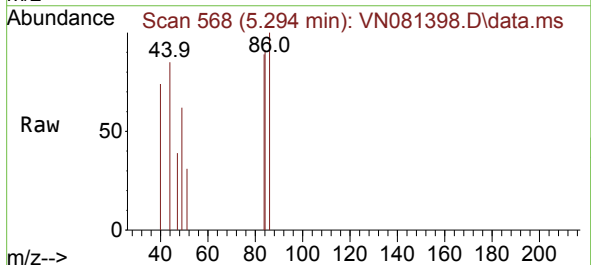
Ion Ratio Lower Upper

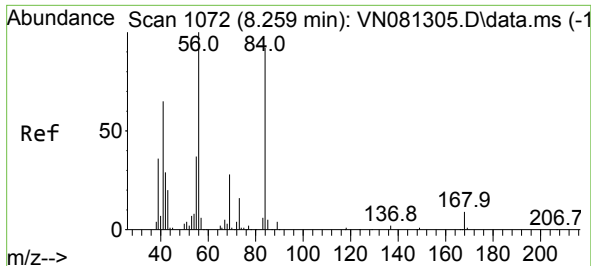
84 100

49 34.3 108.1 162.1#

51 17.2 32.9 49.3#

86 55.6 48.6 73.0

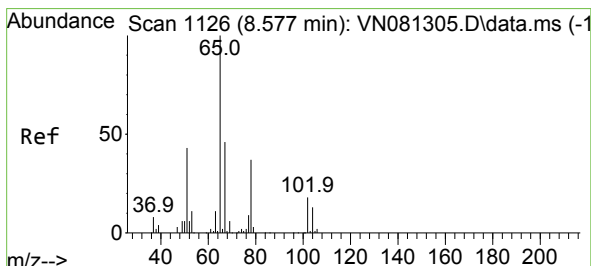
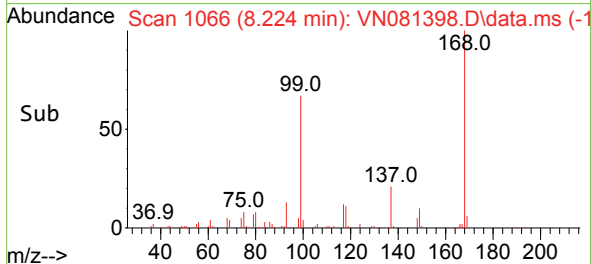
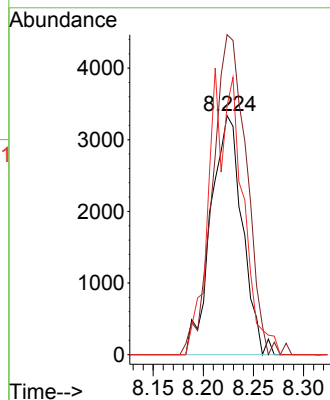
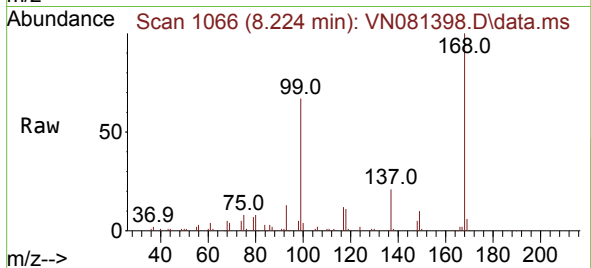




#31
Cyclohexane
Concen: 1.332 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

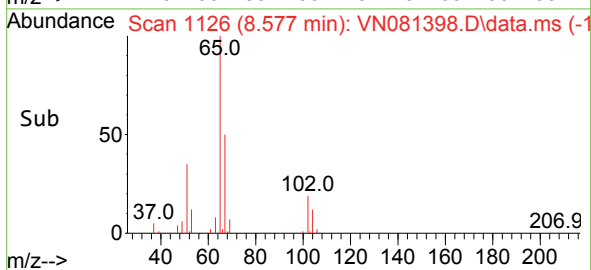
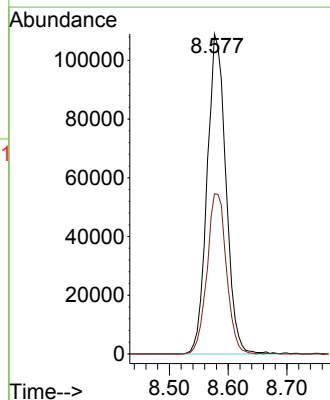
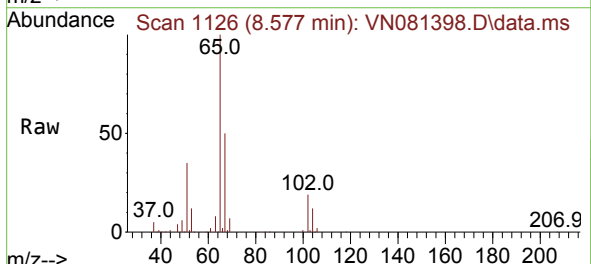
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

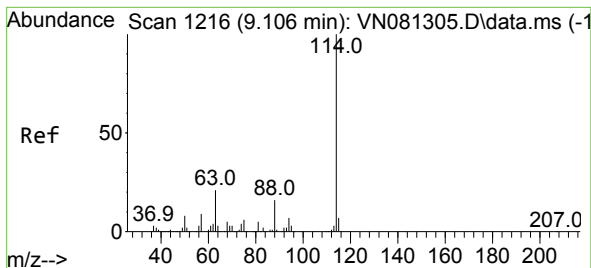
Tgt Ion: 56 Resp: 7284
Ion Ratio Lower Upper
56 100
69 133.8 20.1 30.1#
84 112.9 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 67.058 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

Tgt Ion: 65 Resp: 242163
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081398.D

Acq: 13 Mar 2024 17:17

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

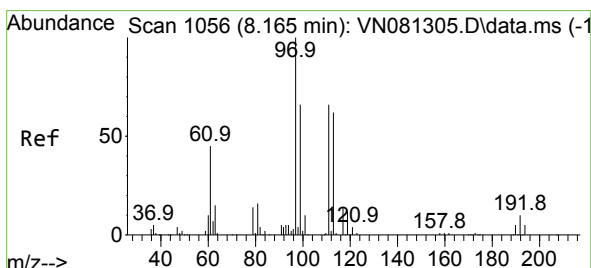
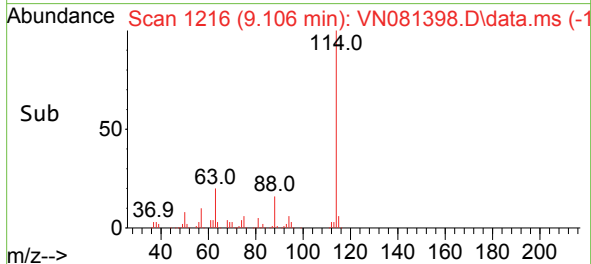
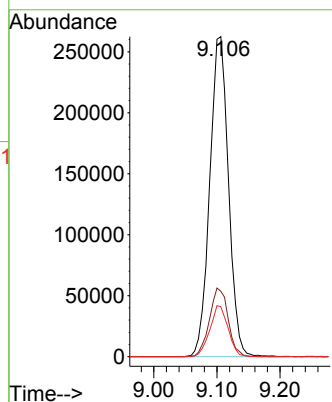
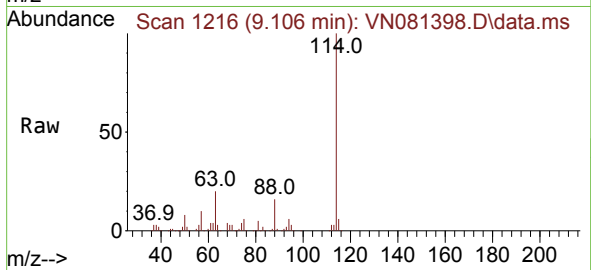
Tgt Ion:114 Resp: 540766

Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.672 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081398.D

Acq: 13 Mar 2024 17:17

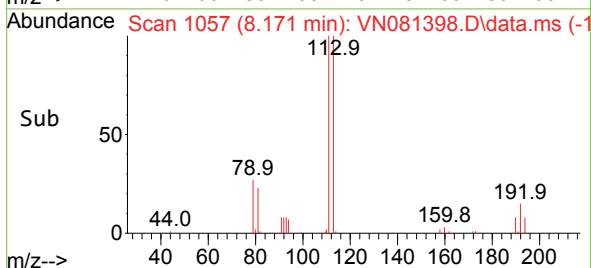
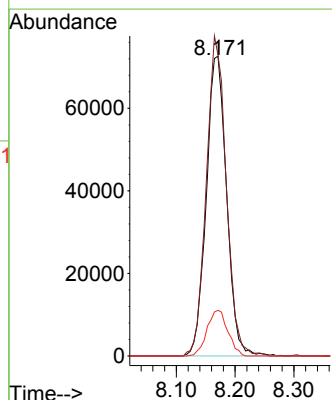
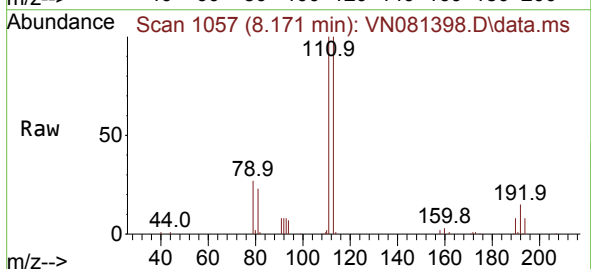
Tgt Ion:113 Resp: 174508

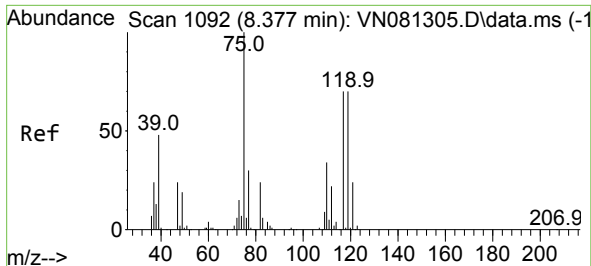
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 15.6 12.5 18.7

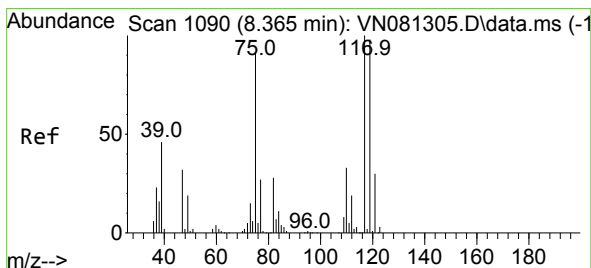
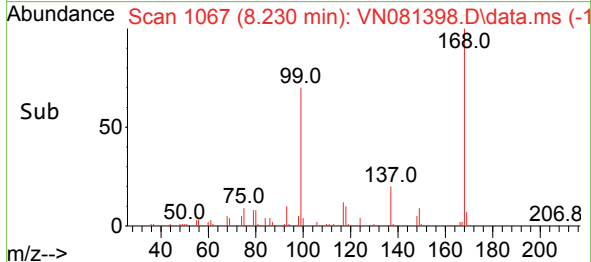
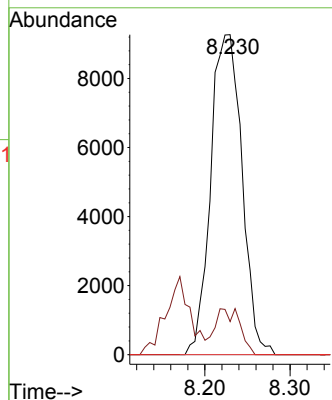
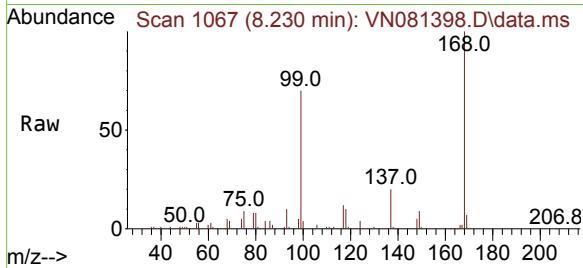




#36
1,1-Dichloropropene
Concen: 4.418 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

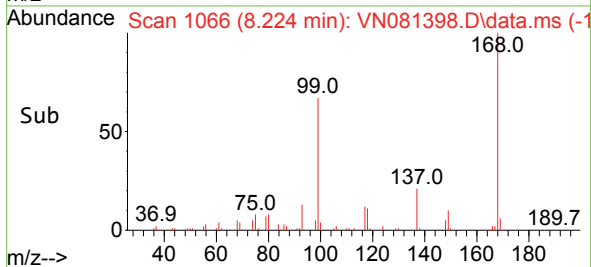
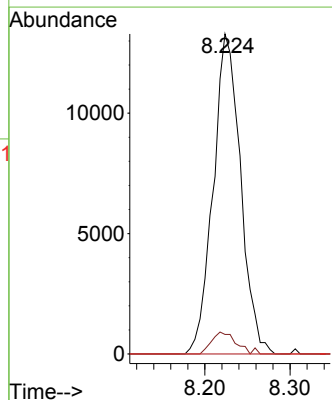
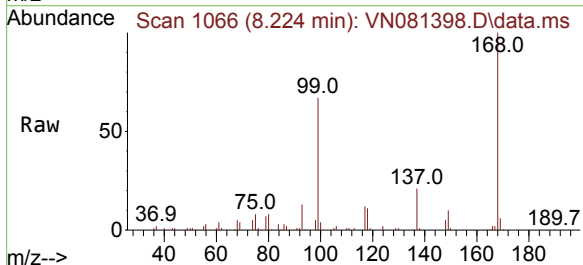
Instrument :
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VIBLK

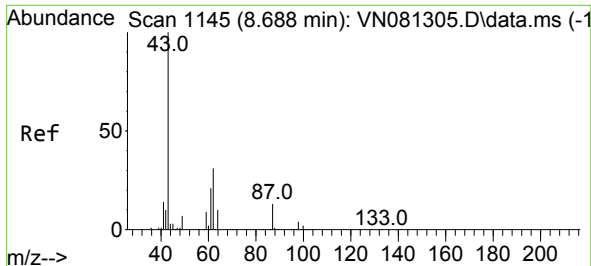
Tgt Ion: 75 Resp: 23613
Ion Ratio Lower Upper
75 100
110 11.6 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.509 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

Tgt Ion: 117 Resp: 29636
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 24.4 36.6#

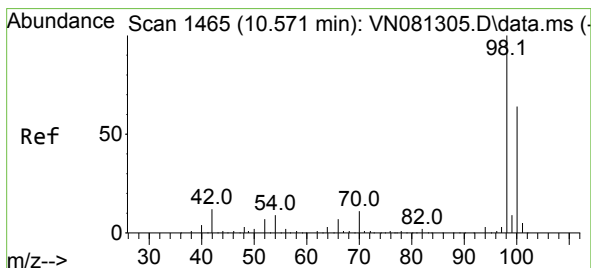
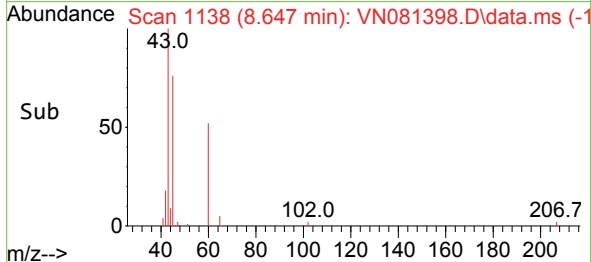
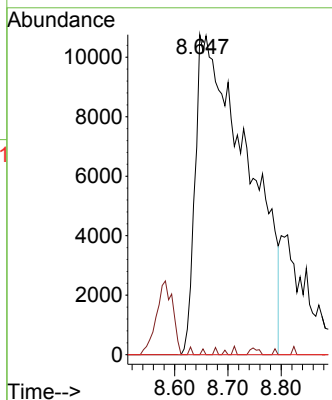
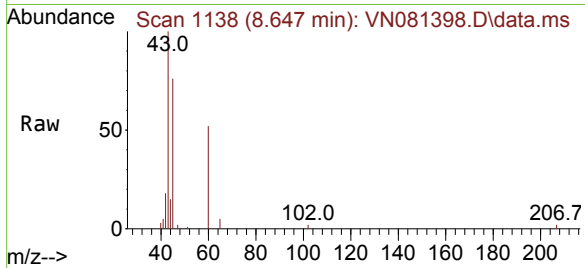




#43
Isopropyl Acetate
Concen: 7.981 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.041 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

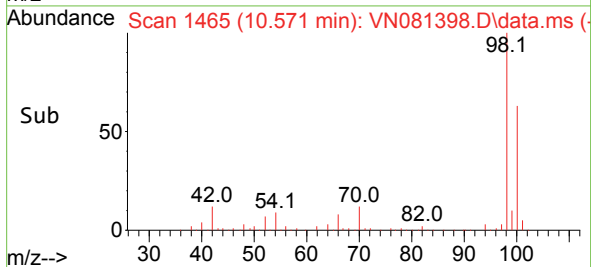
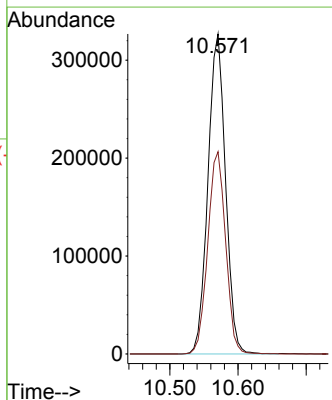
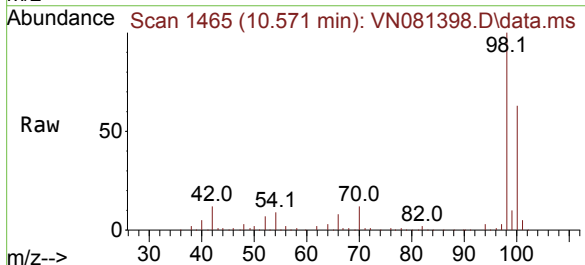
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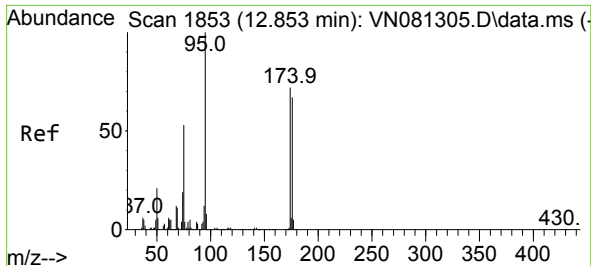
Tgt Ion: 43 Resp: 72988
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 47.320 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

Tgt Ion: 98 Resp: 586063
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

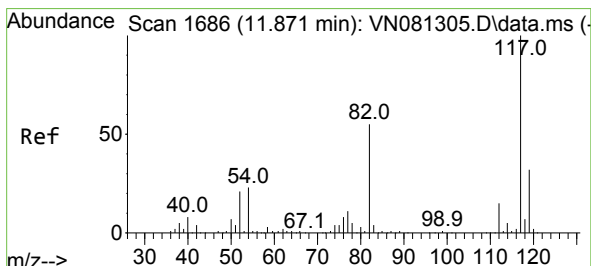
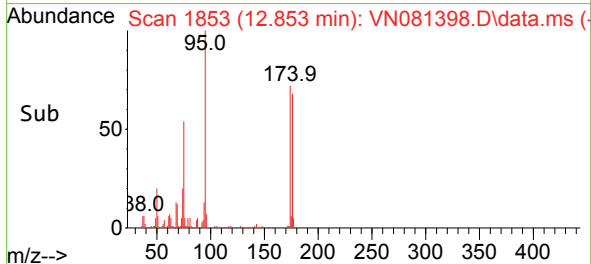
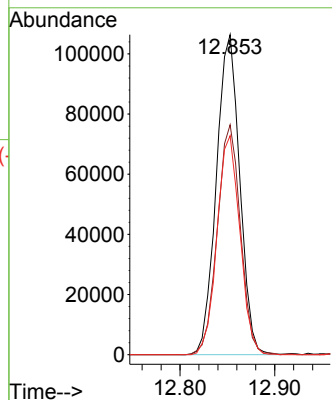
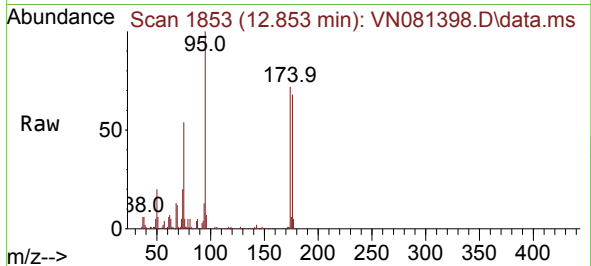




#62
4-Bromofluorobenzene
Concen: 41.663 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

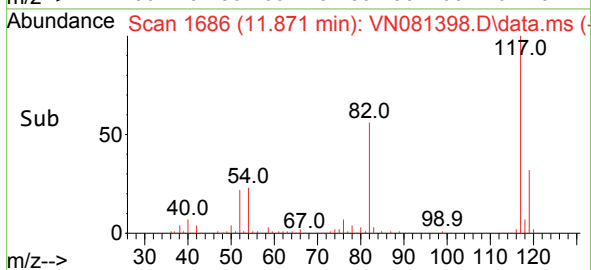
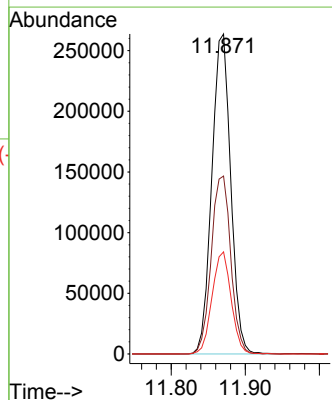
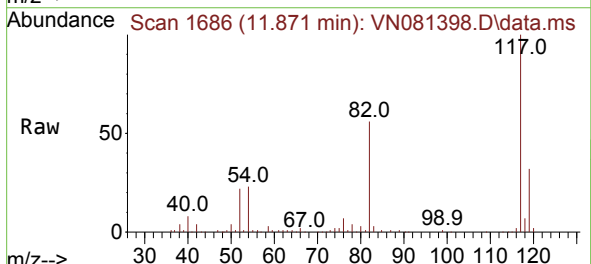
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

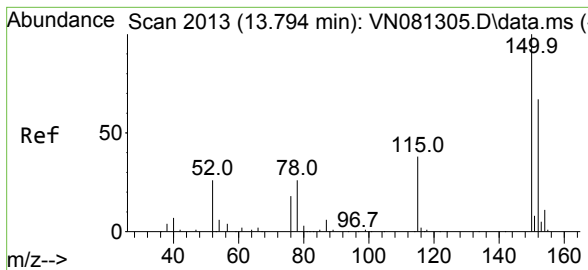
Tgt Ion: 95 Resp: 182373
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 67.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081398.D
Acq: 13 Mar 2024 17:17

Tgt Ion: 117 Resp: 466873
Ion Ratio Lower Upper
117 100
82 55.6 52.7 79.1
119 31.9 25.3 37.9

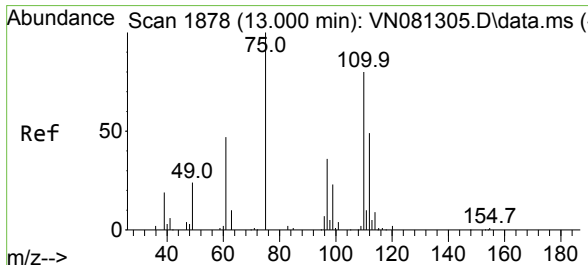
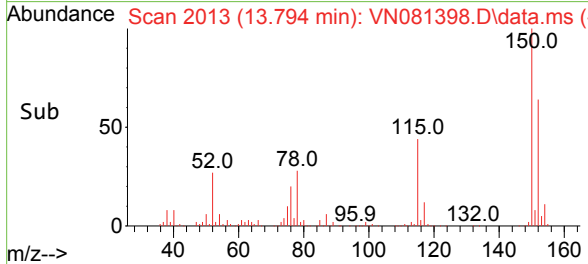
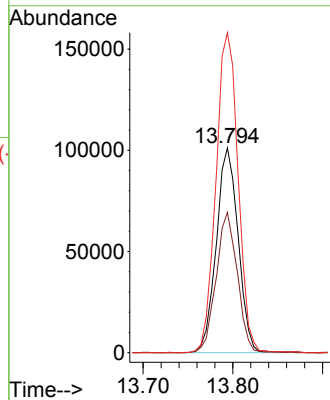
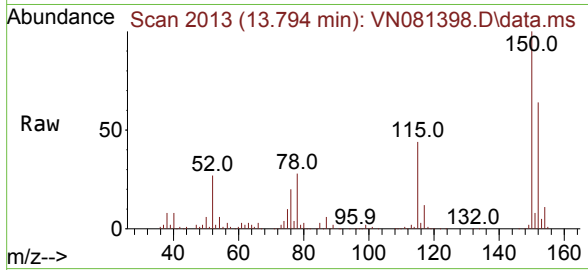




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081398.D
 Acq: 13 Mar 2024 17:17

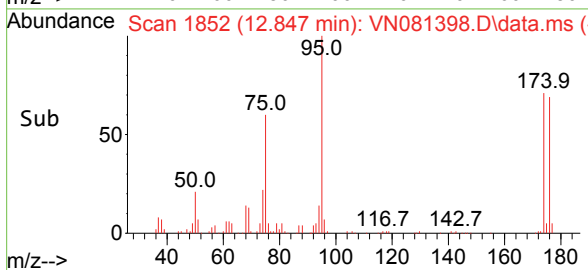
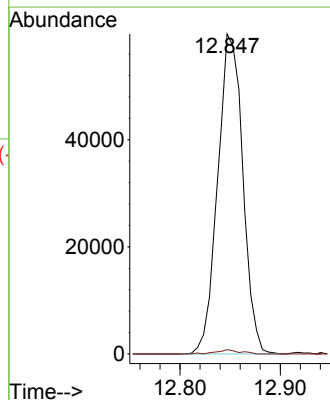
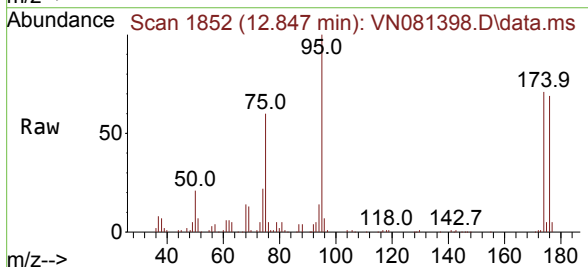
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

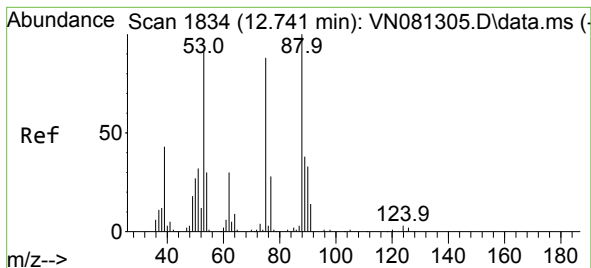
Tgt Ion:152 Resp: 171143
 Ion Ratio Lower Upper
 152 100
 115 66.5 32.3 96.8
 150 158.1 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 25.665 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.153 min
 Lab File: VN081398.D
 Acq: 13 Mar 2024 17:17

Tgt Ion: 75 Resp: 103746
 Ion Ratio Lower Upper
 75 100
 77 1.2 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.626 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081398.D
 Acq: 13 Mar 2024 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 103746
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 33.4 50.0#

