

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057820.D
 Acq On : 06 Feb 2024 14:16
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Feb 07 03:00:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

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

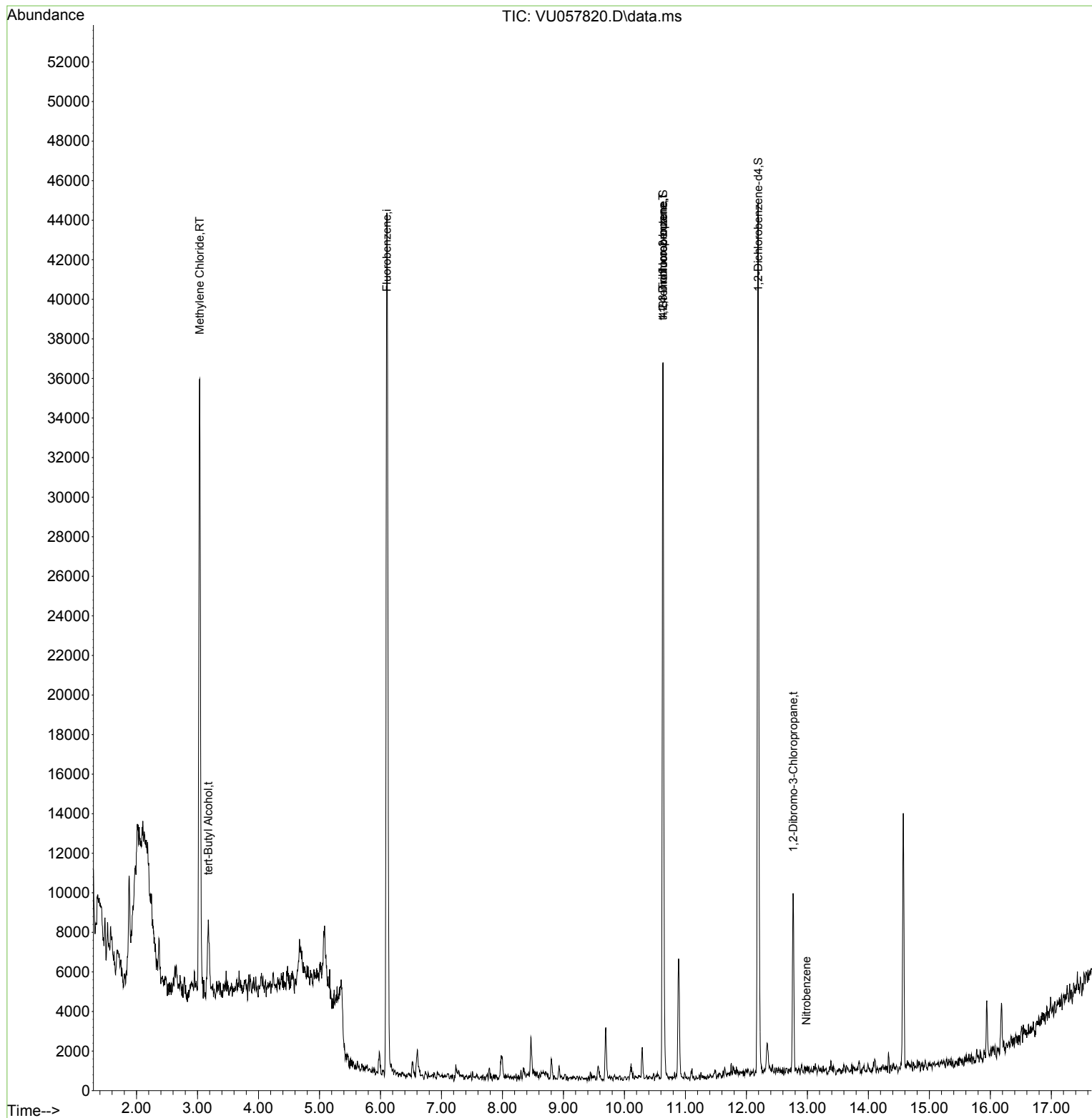
Internal Standards						
1) Fluorobenzene	6.107	96	41964	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	13527	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	11683	0.858	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
					Qvalue	
15) Methylene Chloride	3.036	84	14599	1.126	ug/l	97
24) tert-Butyl Alcohol	3.178	59	2181	3.857	ug/l #	1
46) t-1,4-Dichloro-2-butene	10.631	75	7307	4.286	ug/l #	17
71) 1,2,3-Trichloropropane	10.631	75	7307	0.877	ug/l #	34
80) Nitrobenzene	12.984	77	41	2.188	ug/l #	40
86) 1,2-Dibromo-3-Chloropr...	12.769	75	341	0.217	ug/l #	5

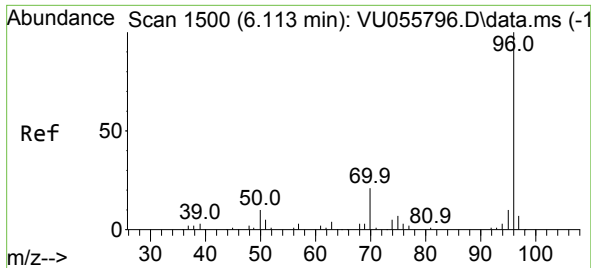
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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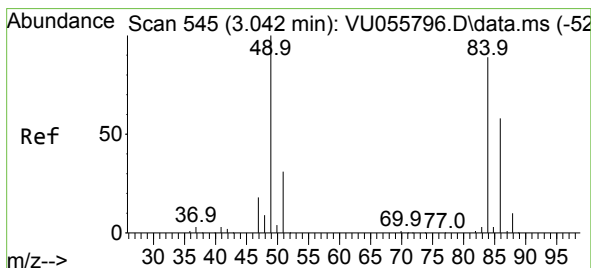
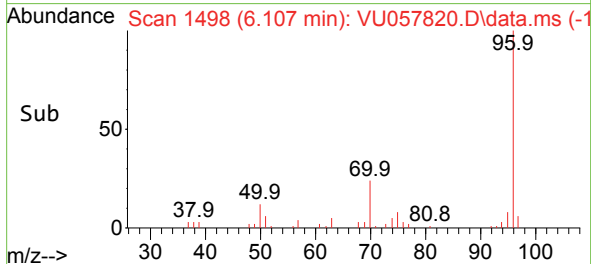
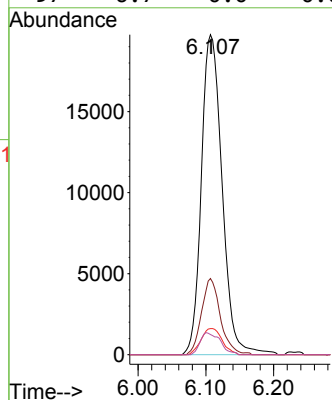
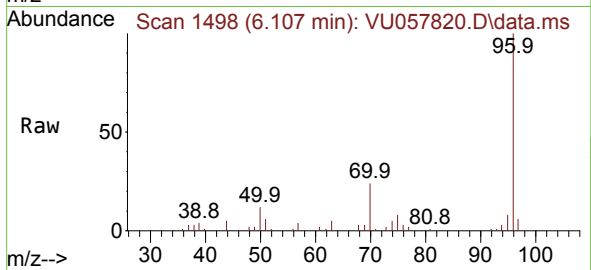




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU057820.D
Acq: 06 Feb 2024 14:16

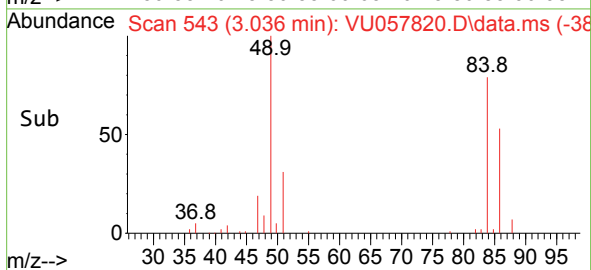
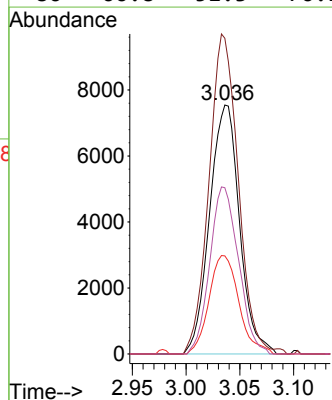
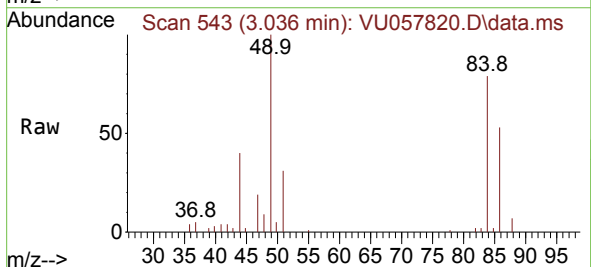
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

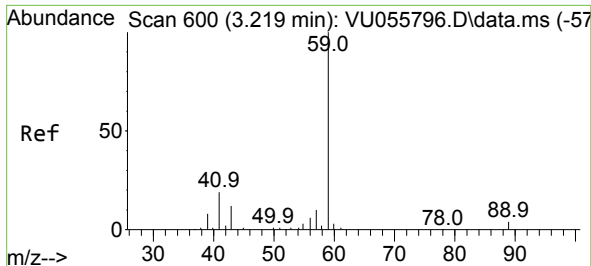
Tgt Ion: 96	Resp: 41964
Ion Ratio	Lower Upper
96 100	
70 21.6	16.5 24.7
95 8.3	7.4 11.0
97 6.7	0.0 0.0



#15
Methylene Chloride
Concen: 1.126 ug/l
RT: 3.036 min Scan# 543
Delta R.T. 0.010 min
Lab File: VU057820.D
Acq: 06 Feb 2024 14:16

Tgt Ion: 84	Resp: 14599
Ion Ratio	Lower Upper
84 100	
49 126.8	98.9 148.3
51 39.4	0.0 75.4
86 66.8	51.3 76.9

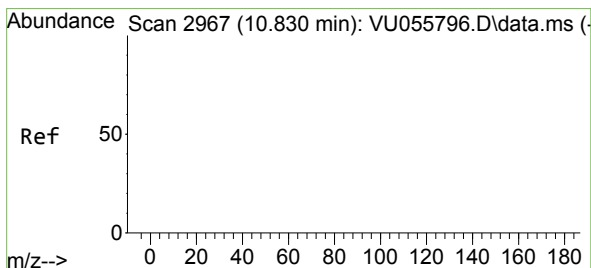
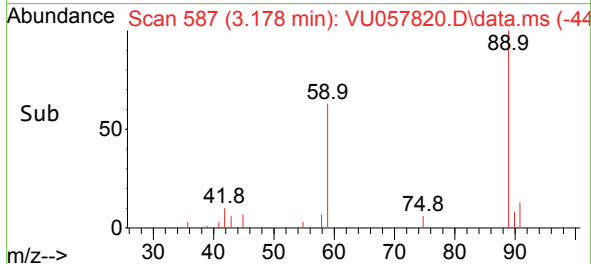
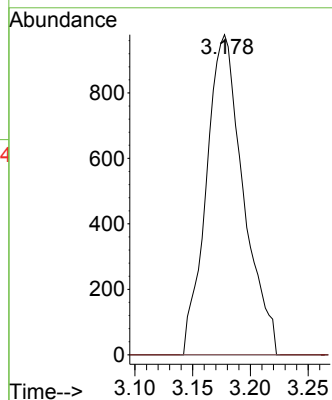
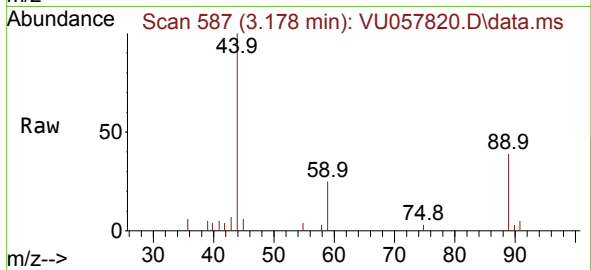




#24
tert-Butyl Alcohol
Concen: 3.857 ug/l
RT: 3.178 min Scan# 51
Delta R.T. -0.054 min
Lab File: VU057820.D
Acq: 06 Feb 2024 14:16

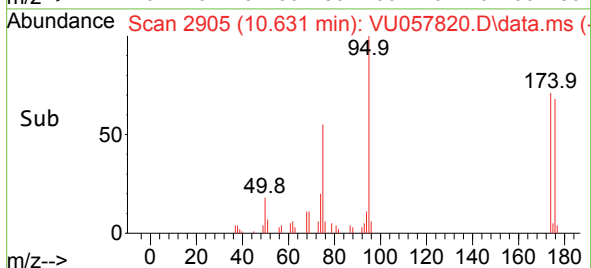
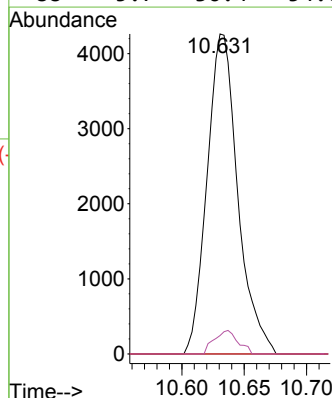
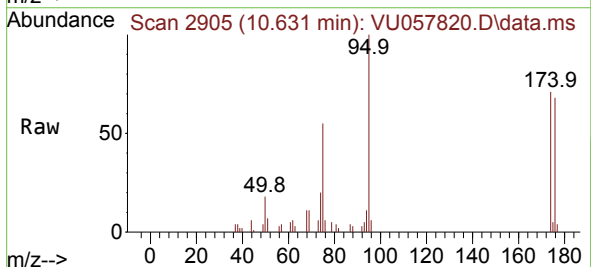
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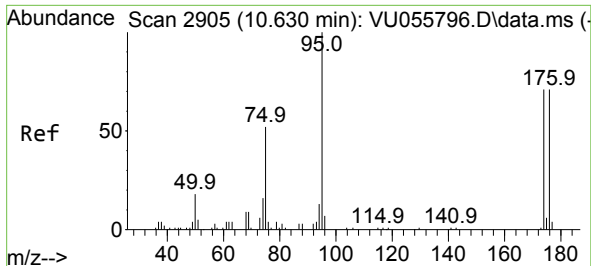
Tgt Ion: 59 Resp: 2181
Ion Ratio Lower Upper
59 100
57 0.9 105.6 158.4#



#46
t-1,4-Dichloro-2-butene
Concen: 4.286 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.206 min
Lab File: VU057820.D
Acq: 06 Feb 2024 14:16

Tgt Ion: 75 Resp: 7307
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 48.2 72.4#
88 5.7 36.4 54.6#

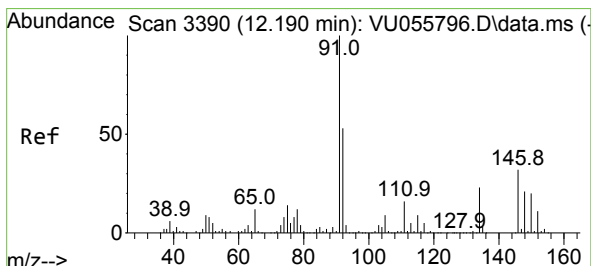
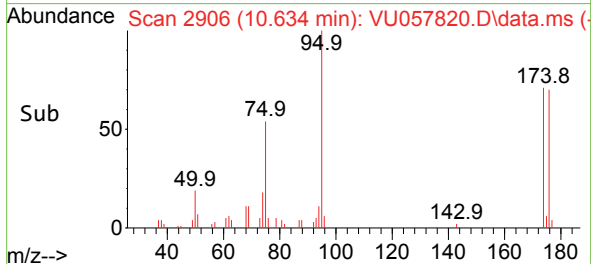
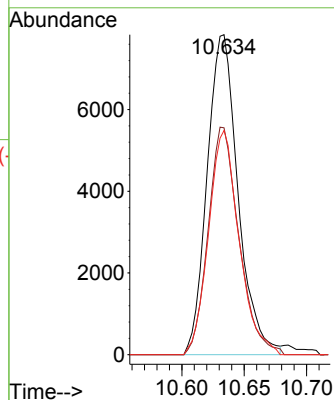
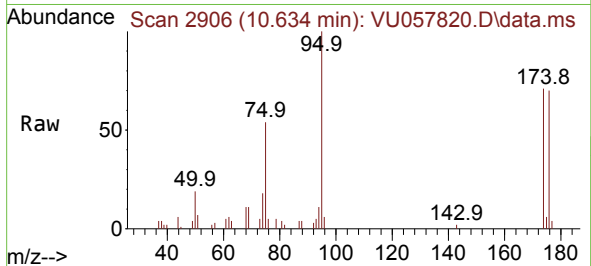




#57
4-Bromofluorobenzene
Concen: 0.878 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU057820.D
Acq: 06 Feb 2024 14:16

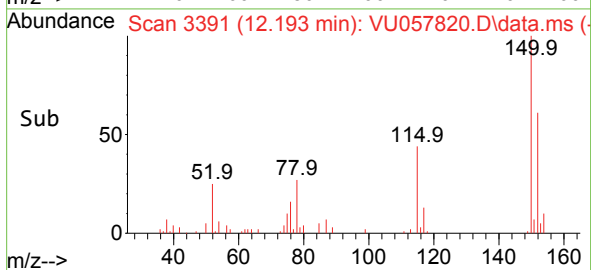
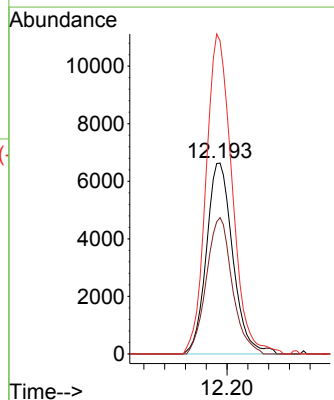
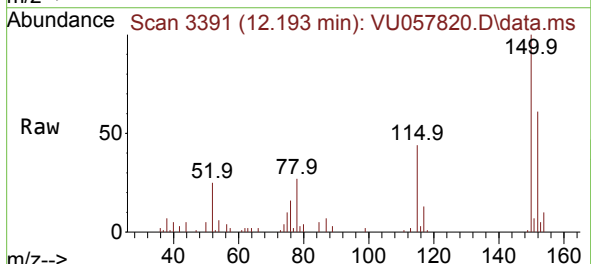
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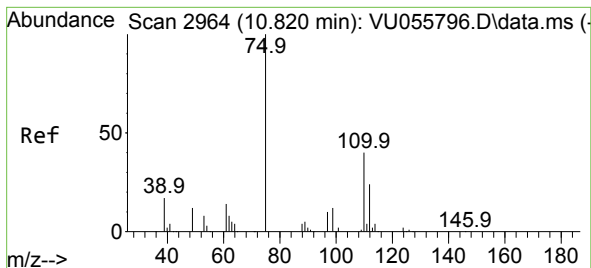
Tgt Ion: 95 Resp: 13527
Ion Ratio Lower Upper
95 100
174 70.7 63.3 94.9
176 69.0 59.3 88.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.858 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VU057820.D
Acq: 06 Feb 2024 14:16

Tgt Ion: 152 Resp: 11683
Ion Ratio Lower Upper
152 100
115 69.8 0.0 308.8
150 165.3 0.0 635.0





#71

1,2,3-Trichloropropane

Concen: 0.877 ug/l

RT: 10.631 min Scan# 2964

Delta R.T. -0.202 min

Lab File: VU057820.D

Acq: 06 Feb 2024 14:16

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 7307

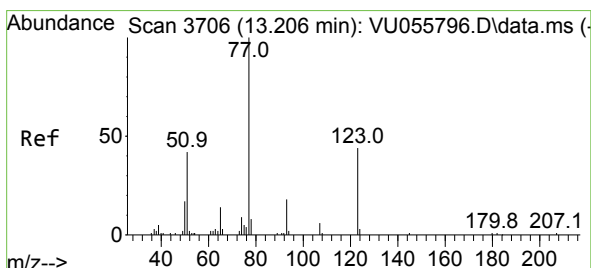
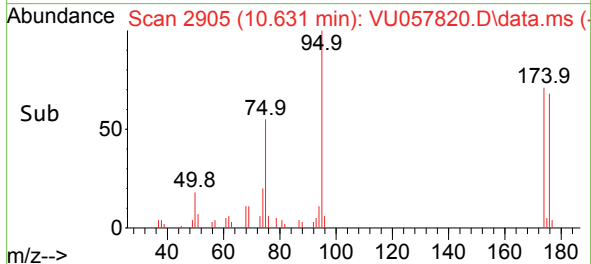
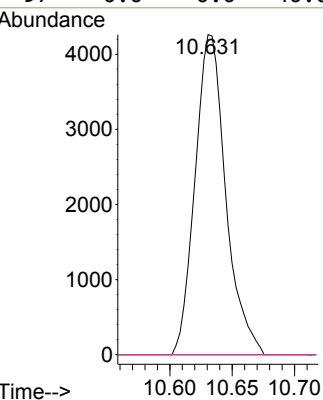
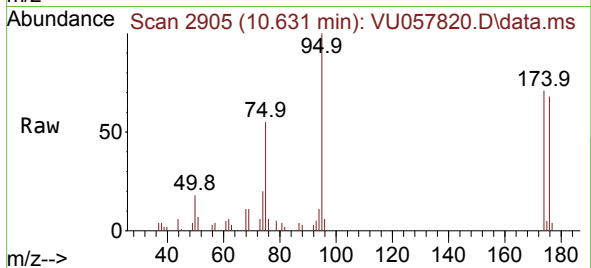
Ion Ratio Lower Upper

75 100

77 0.9 0.0 116.4

110 0.0 0.0 74.6

97 0.0 0.0 40.0



#80

Nitrobenzene

Concen: 2.188 ug/l

RT: 12.984 min Scan# 3637

Delta R.T. -0.222 min

Lab File: VU057820.D

Acq: 06 Feb 2024 14:16

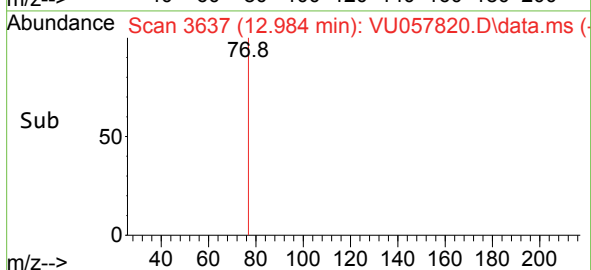
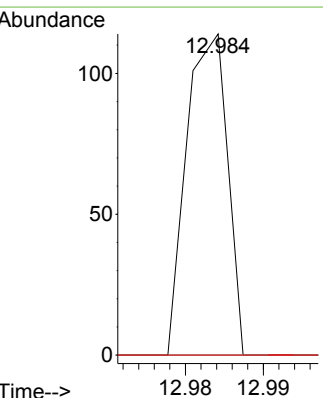
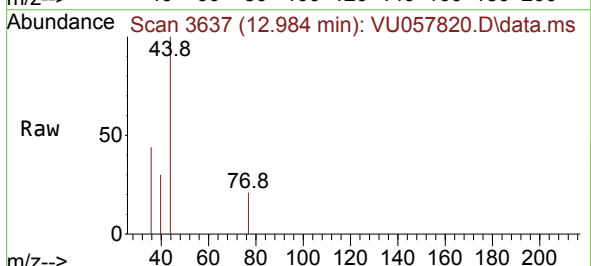
Tgt Ion: 77 Resp: 41

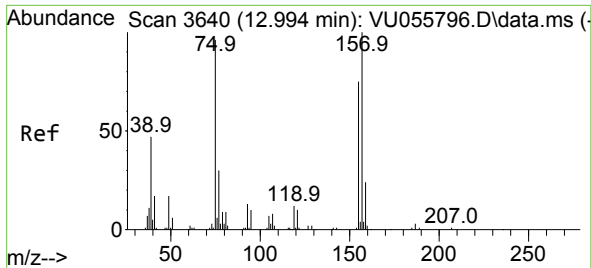
Ion Ratio Lower Upper

77 100

123 0.0 19.7 69.7#

65 0.0 11.5 14.7#





#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.217 ug/l
 RT: 12.769 min Scan# 31
 Delta R.T. -0.225 min
 Lab File: VU057820.D
 Acq: 06 Feb 2024 14:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 341
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.8 92.8#
 157 0.0 80.2 120.4#

