

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057789.D
 Acq On : 02 Feb 2024 12:08
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Feb 03 05:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

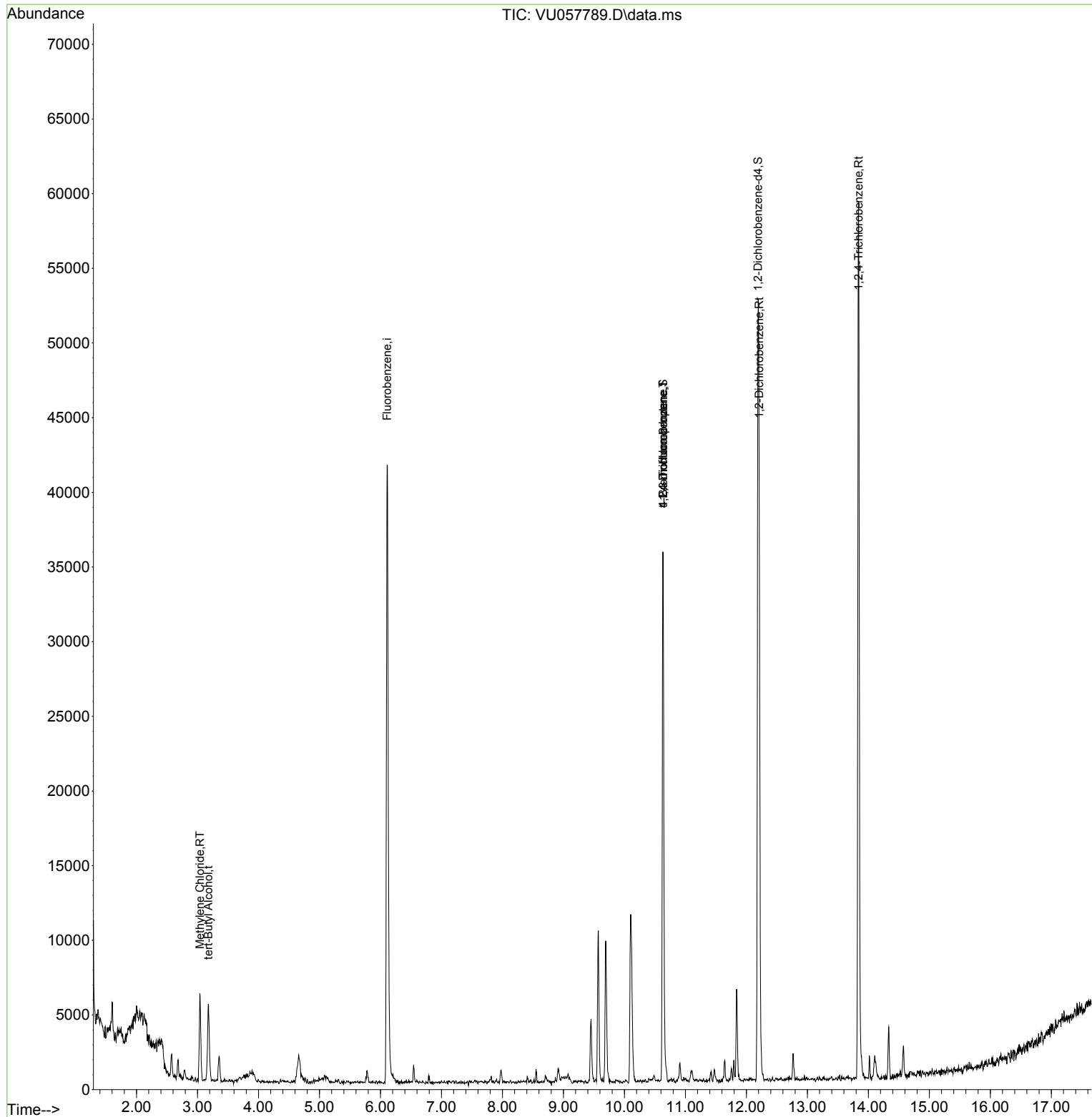
Internal Standards						
1) Fluorobenzene	6.110	96	41202	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	13806	0.885	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12300	0.875	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
15) Methylene Chloride	3.039	84	2557	0.209	ug/l	96
24) tert-Butyl Alcohol	3.177	59	2973	3.539	ug/l #	1
46) t-1,4-Dichloro-2-butene	10.634	75	7538	5.310	ug/l #	17
71) 1,2,3-Trichloropropane	10.634	75	7538	0.961	ug/l #	33
85) 1,2-Dichlorobenzene	12.209	146	11188	0.530	ug/l	97
87) 1,2,4-Trichlorobenzene	13.839	180	18894	1.499	ug/l	96

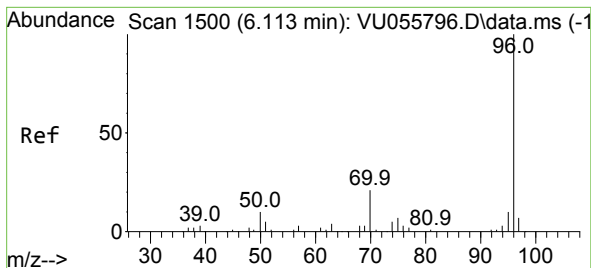
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.110 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU057789.D

Acq: 02 Feb 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tgt Ion: 96 Resp: 41202

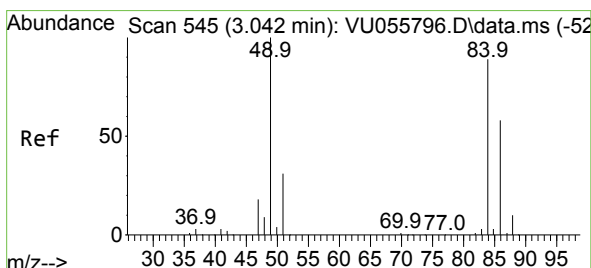
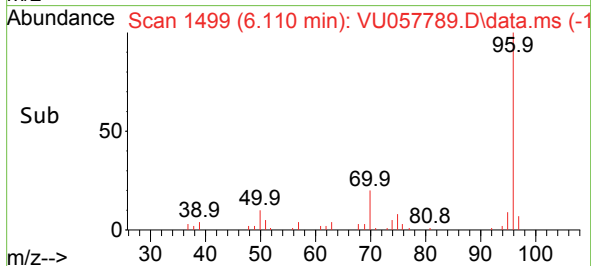
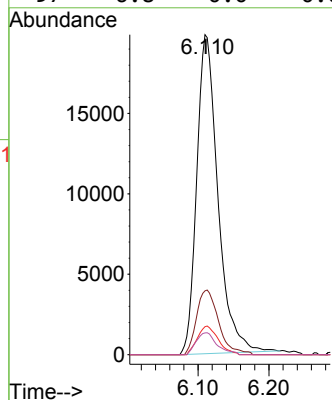
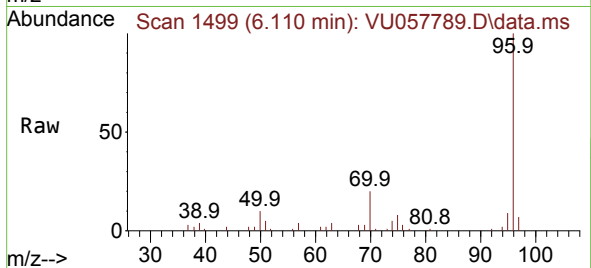
Ion Ratio Lower Upper

96 100

70 21.1 16.5 24.7

95 8.8 7.4 11.0

97 6.8 0.0 0.0#



#15

Methylene Chloride

Concen: 0.209 ug/l

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU057789.D

Acq: 02 Feb 2024 12:08

Tgt Ion: 84 Resp: 2557

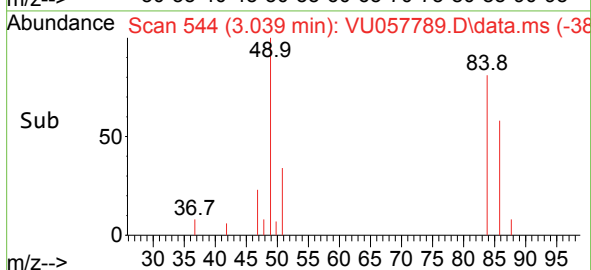
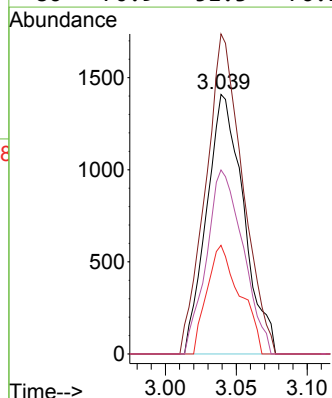
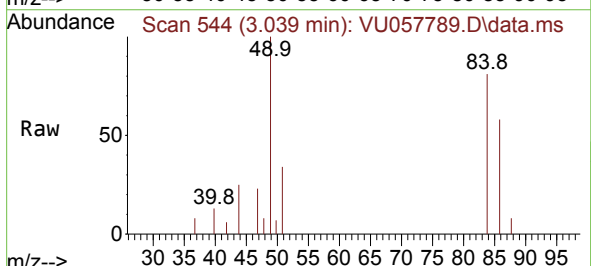
Ion Ratio Lower Upper

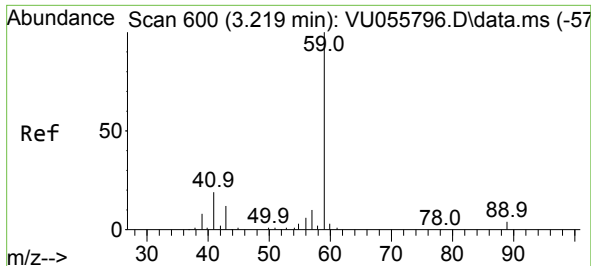
84 100

49 123.3 98.9 148.3

51 41.9 0.0 75.4

86 70.9 51.3 76.9

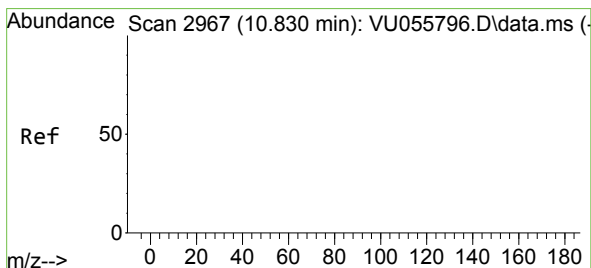
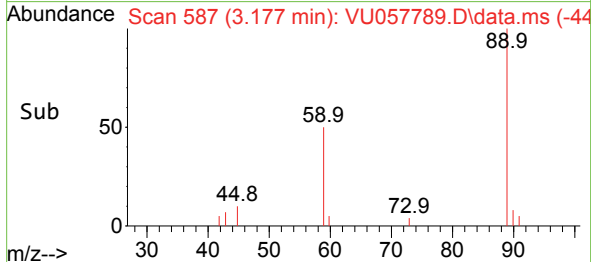
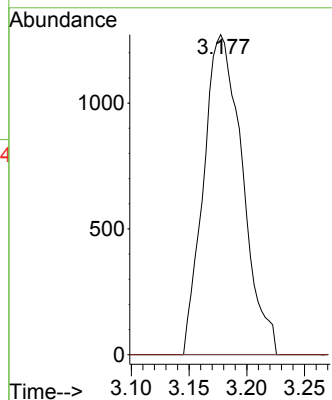
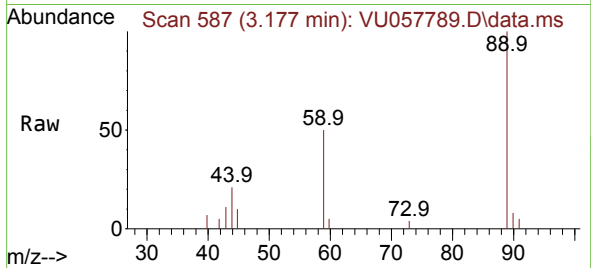




#24
 tert-Butyl Alcohol
 Concen: 3.539 ug/l
 RT: 3.177 min Scan# 51
 Delta R.T. -0.042 min
 Lab File: VU057789.D
 Acq: 02 Feb 2024 12:08

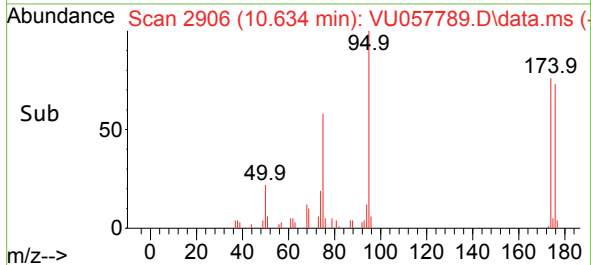
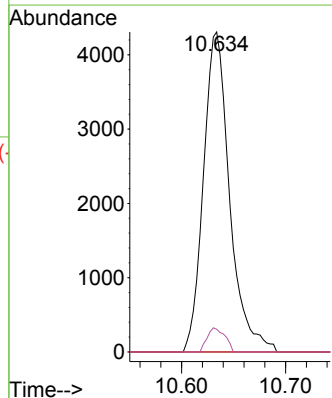
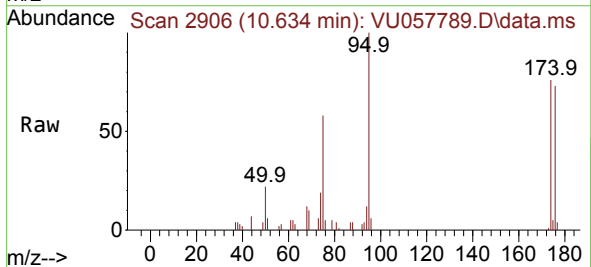
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

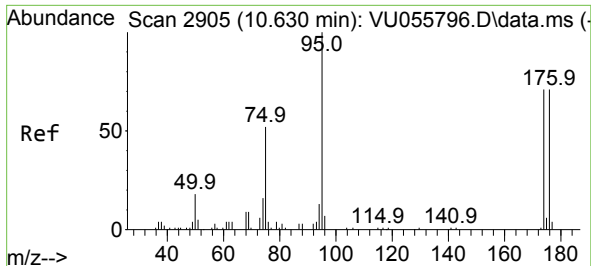
Tgt Ion: 59 Resp: 2973
 Ion Ratio Lower Upper
 59 100
 57 0.0 105.6 158.4#



#46
 t-1,4-Dichloro-2-butene
 Concen: 5.310 ug/l
 RT: 10.634 min Scan# 2906
 Delta R.T. -0.196 min
 Lab File: VU057789.D
 Acq: 02 Feb 2024 12:08

Tgt Ion: 75 Resp: 7538
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.3 109.9#
 89 0.0 48.2 72.4#
 88 5.1 36.4 54.6#

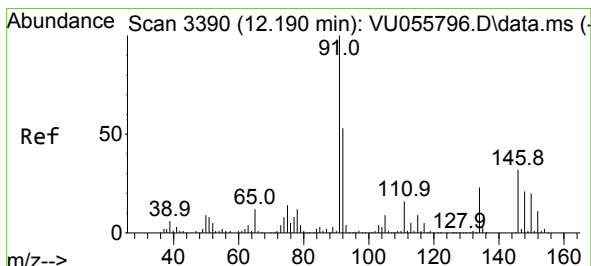
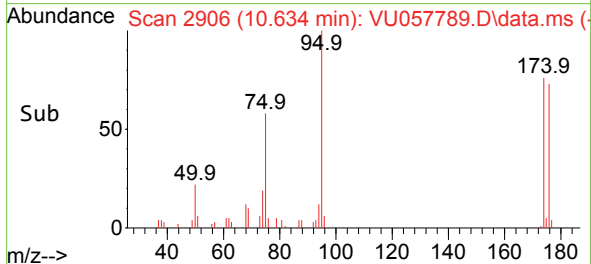
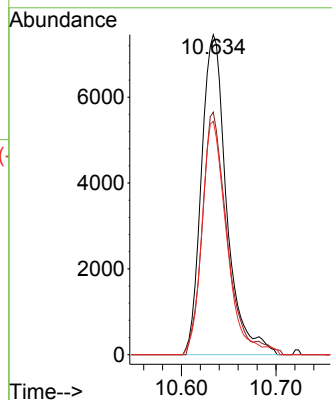
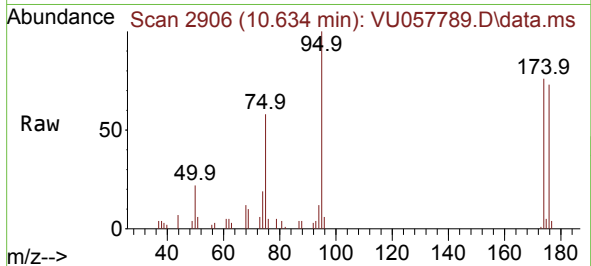




#57
 4-Bromofluorobenzene
 Concen: 0.885 ug/l
 RT: 10.634 min Scan# 2905
 Delta R.T. 0.004 min
 Lab File: VU057789.D
 Acq: 02 Feb 2024 12:08

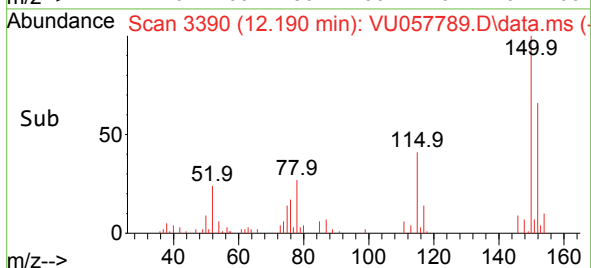
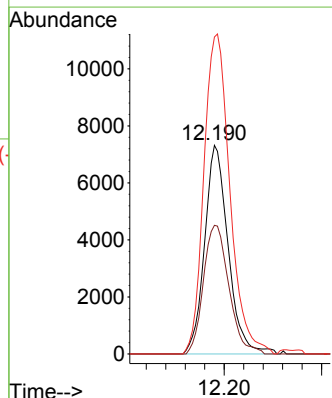
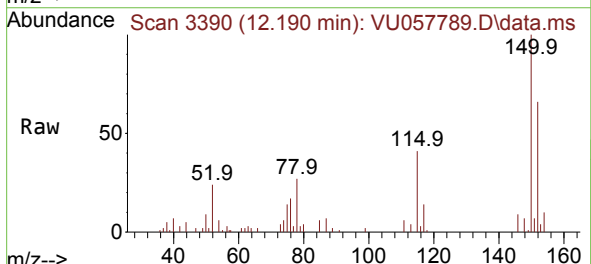
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

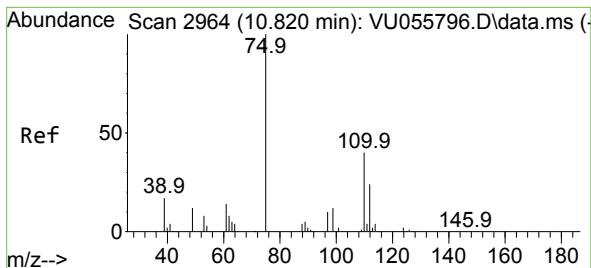
Tgt Ion: 95 Resp: 13806
 Ion Ratio Lower Upper
 95 100
 174 75.1 63.3 94.9
 176 72.1 59.3 88.9



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.875 ug/l
 RT: 12.190 min Scan# 3390
 Delta R.T. -0.000 min
 Lab File: VU057789.D
 Acq: 02 Feb 2024 12:08

Tgt Ion: 152 Resp: 12300
 Ion Ratio Lower Upper
 152 100
 115 66.6 0.0 308.8
 150 169.1 0.0 635.0





#71

1,2,3-Trichloropropane

Concen: 0.961 ug/l

RT: 10.634 min Scan# 2964

Delta R.T. -0.186 min

Lab File: VU057789.D

Acq: 02 Feb 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 7538

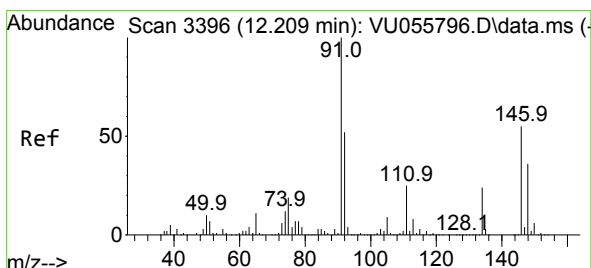
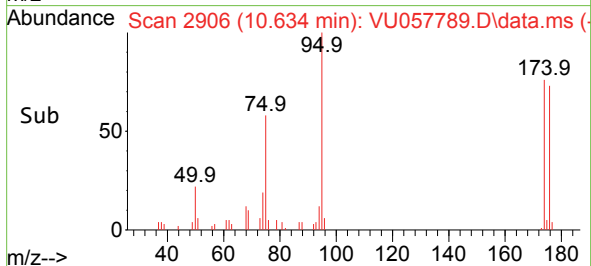
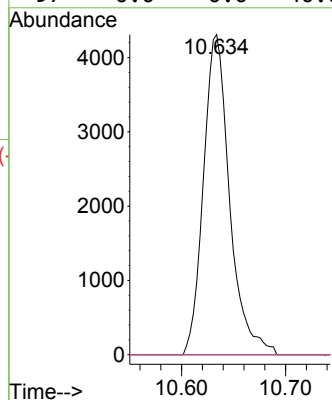
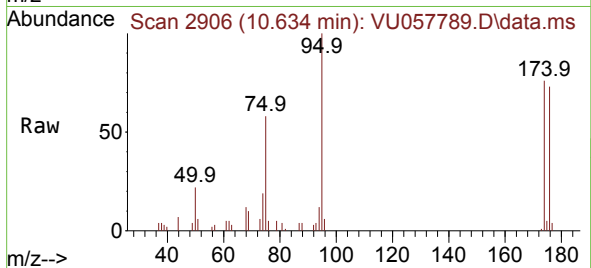
Ion Ratio Lower Upper

75 100

77 0.6 0.0 116.4

110 0.0 0.0 74.6

97 0.0 0.0 40.0



#85

1,2-Dichlorobenzene

Concen: 0.530 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057789.D

Acq: 02 Feb 2024 12:08

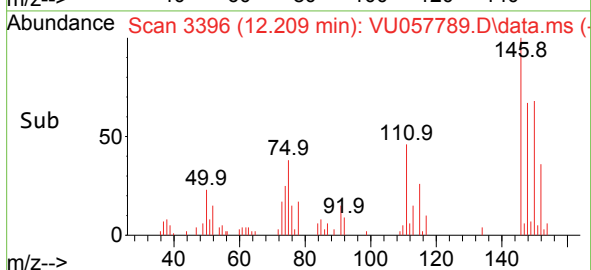
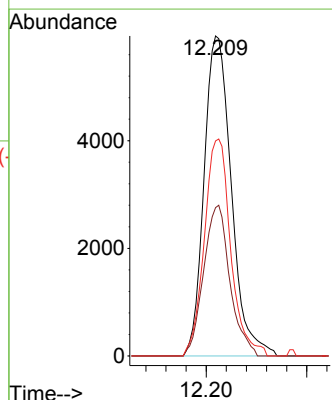
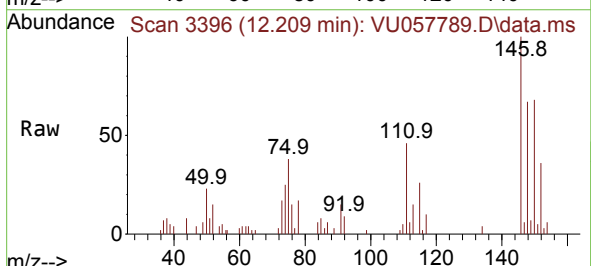
Tgt Ion:146 Resp: 11188

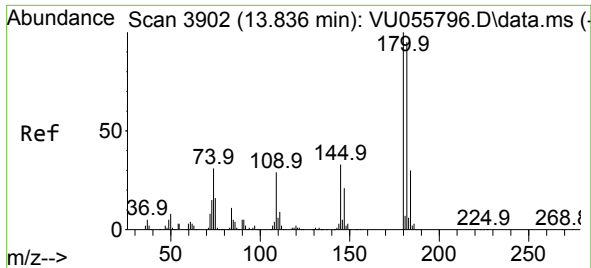
Ion Ratio Lower Upper

146 100

111 45.4 21.6 64.6

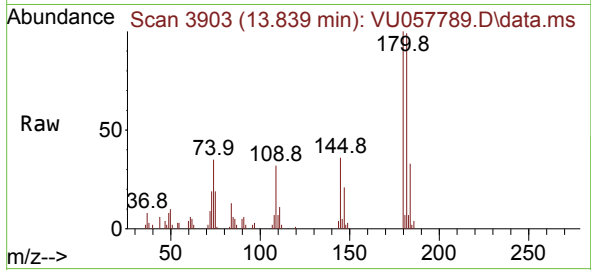
148 65.7 32.1 96.5





#87
 1,2,4-Trichlorobenzene
 Concen: 1.499 ug/l
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU057789.D
 Acq: 02 Feb 2024 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	18894
Ion Ratio	Lower	Upper	
180	100		
182	97.8	75.8	113.6
145	33.0	23.9	35.9

