

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057791.D
 Acq On : 02 Feb 2024 13:23
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Feb 03 05:55:02 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)

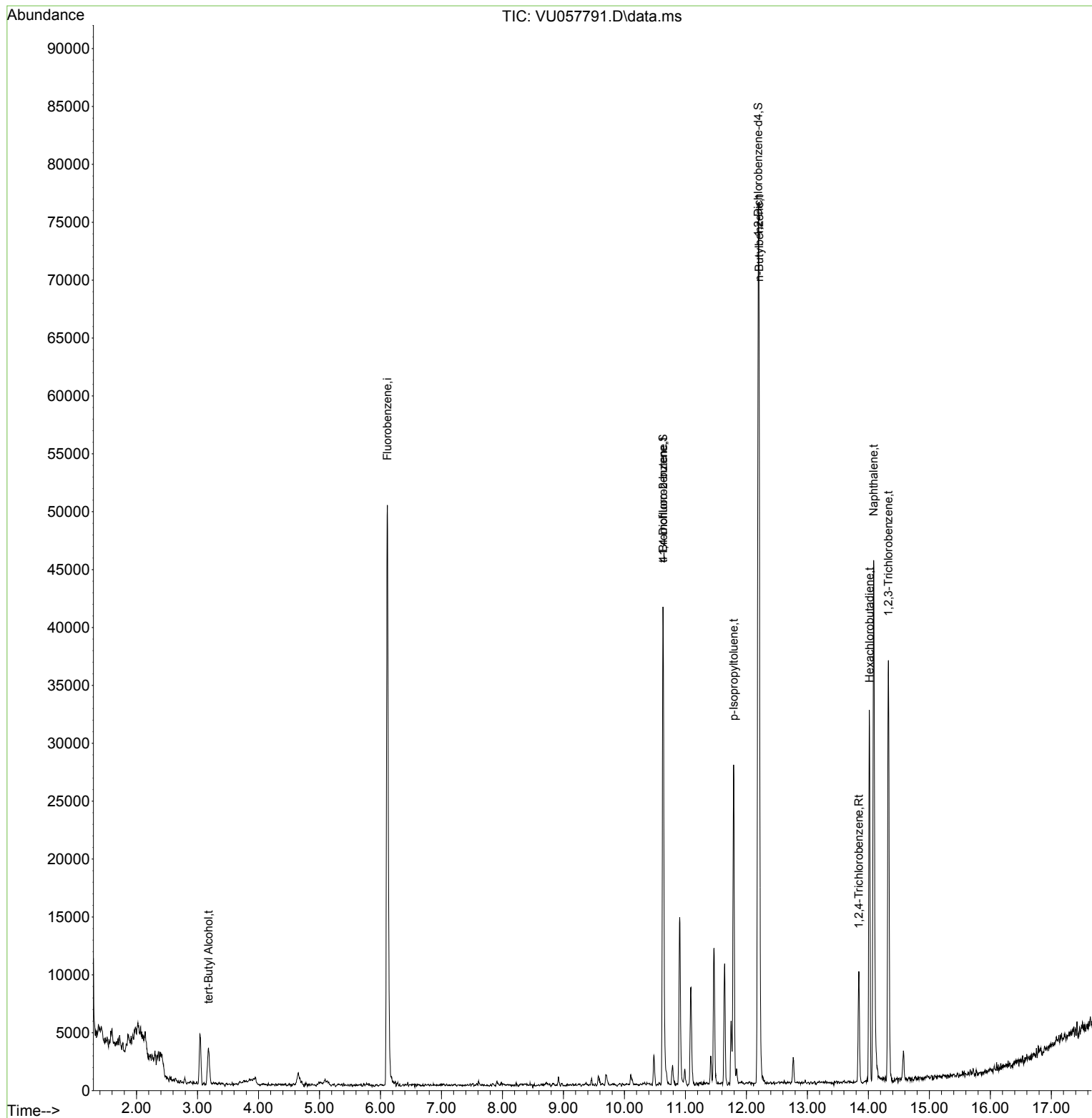
Internal Standards						
1) Fluorobenzene	6.113	96	48377	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	16145	0.881	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	14395	0.873	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
24) tert-Butyl Alcohol	3.181	59	2171	2.201	ug/l	# 1
46) t-1,4-Dichloro-2-butene	10.634	75	8796	5.282	ug/l	# 17
81) p-Isopropyltoluene	11.791	119	16307	0.306	ug/l	98
84) n-Butylbenzene	12.209	91	27673	0.543	ug/l	98
87) 1,2,4-Trichlorobenzene	13.846	180	3329	0.225	ug/l	98
88) Hexachlorobutadiene	14.019	225	5461	0.575	ug/l	96
89) Naphthalene	14.087	128	42010	1.839	ug/l	96
90) 1,2,3-Trichlorobenzene	14.328	180	11751	0.955	ug/l	98

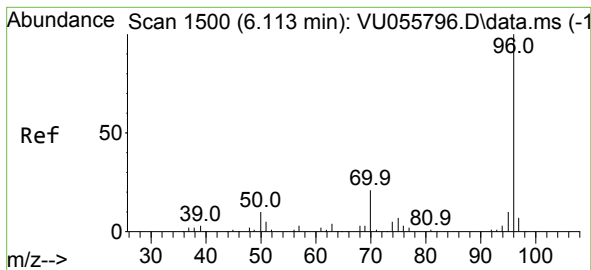
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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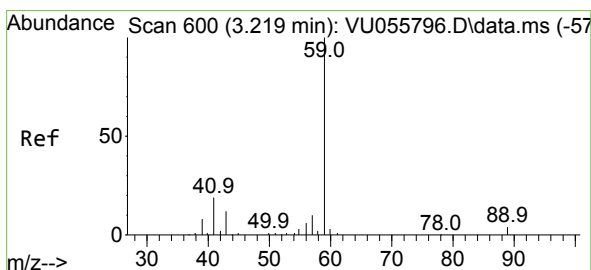
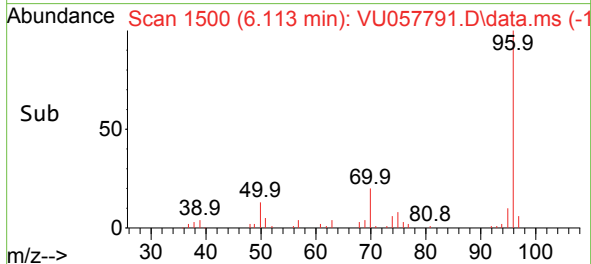
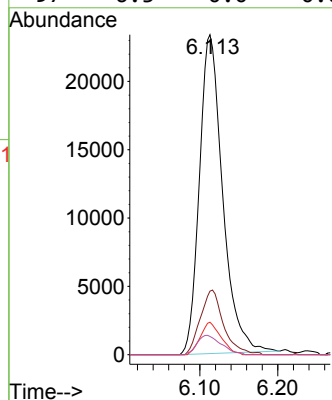
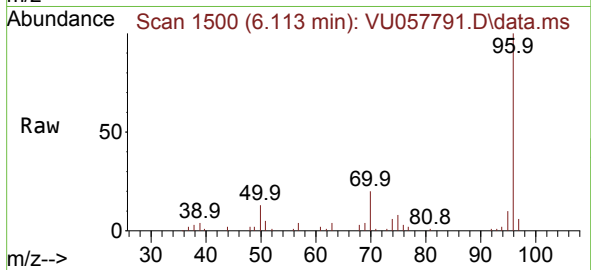




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057791.D
Acq: 02 Feb 2024 13:23

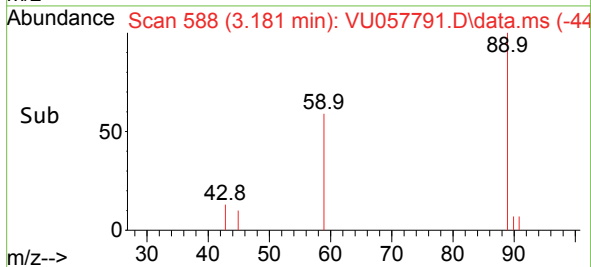
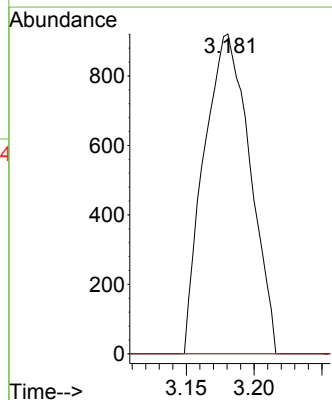
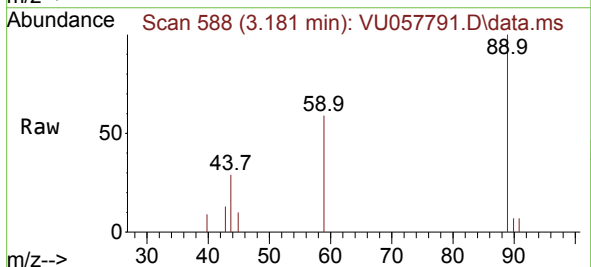
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

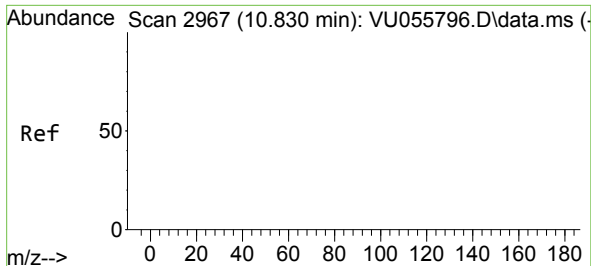
Tgt Ion: 96	Resp: 48377
Ion Ratio	Lower Upper
96 100	
70 19.3	16.5 24.7
95 9.1	7.4 11.0
97 6.3	0.0 0.0



#24
tert-Butyl Alcohol
Concen: 2.201 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.038 min
Lab File: VU057791.D
Acq: 02 Feb 2024 13:23

Tgt Ion: 59	Resp: 2171
Ion Ratio	Lower Upper
59 100	
57 0.0	105.6 158.4

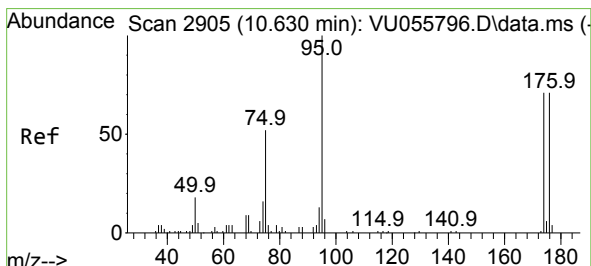
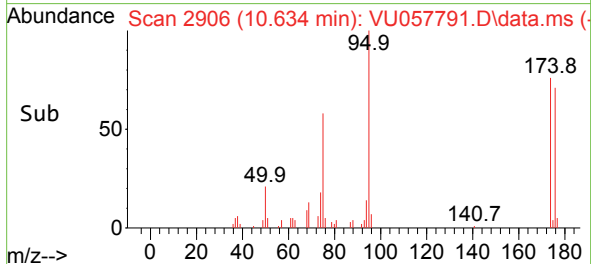
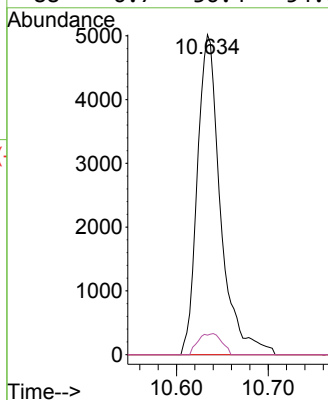
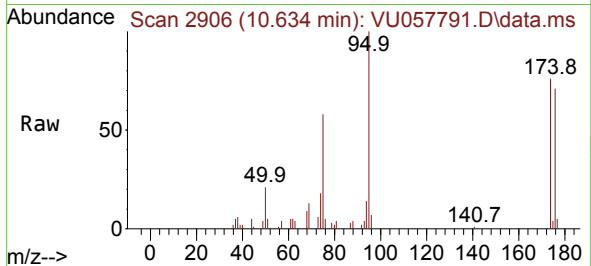




#46
t-1,4-Dichloro-2-butene
Concen: 5.282 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. -0.196 min
Lab File: VU057791.D
Acq: 02 Feb 2024 13:23

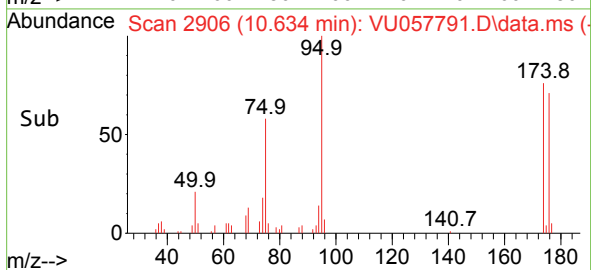
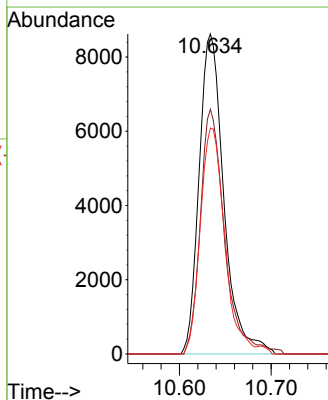
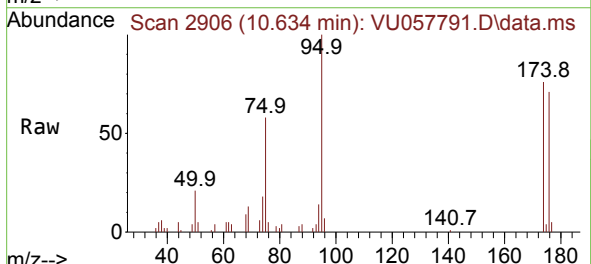
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

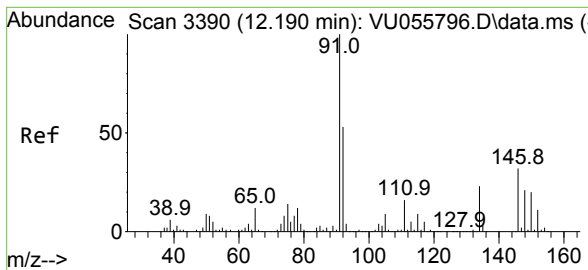
Tgt Ion:	75	Resp:	8796
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.3	109.9#
89	0.0	48.2	72.4#
88	6.7	36.4	54.6#



#57
4-Bromofluorobenzene
Concen: 0.881 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.004 min
Lab File: VU057791.D
Acq: 02 Feb 2024 13:23

Tgt Ion:	95	Resp:	16145
Ion	Ratio	Lower	Upper
95	100		
174	74.9	63.3	94.9
176	70.4	59.3	88.9

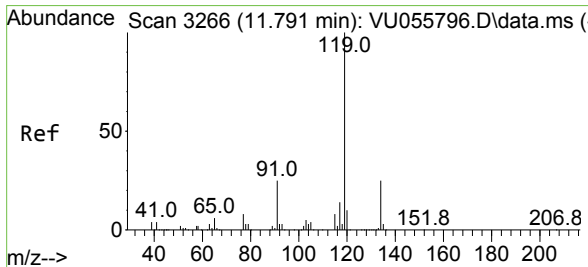
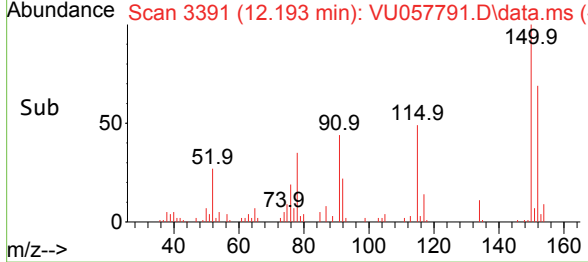
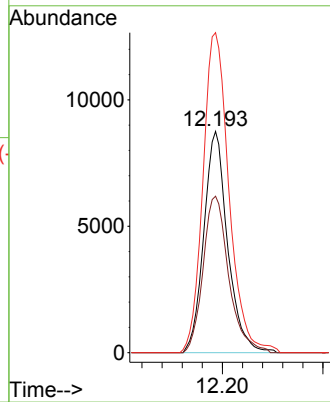
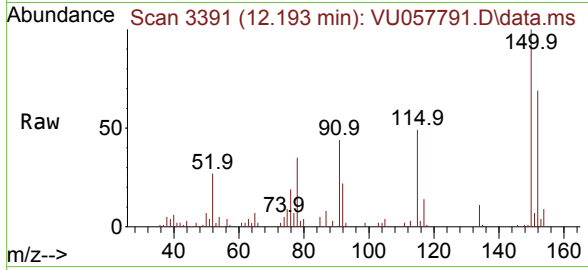




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.873 ug/l
 RT: 12.193 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU057791.D
 Acq: 02 Feb 2024 13:23

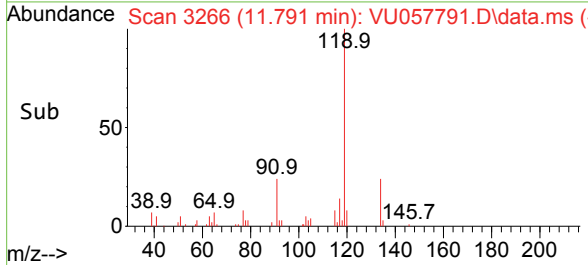
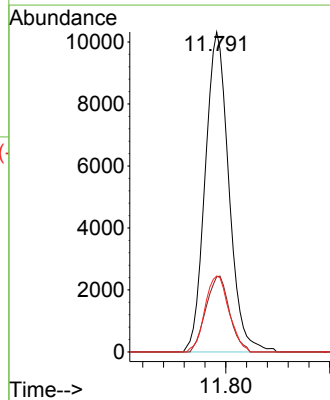
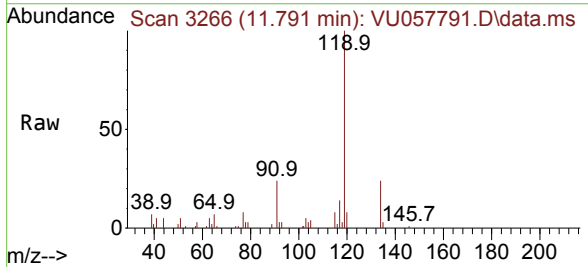
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

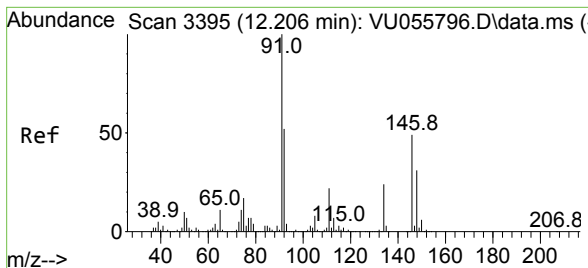
Tgt Ion:	152	Resp:	14395
Ion Ratio	Lower	Upper	
152	100		
115	76.2	0.0	308.8
150	158.2	0.0	635.0



#81
 p-Isopropyltoluene
 Concen: 0.306 ug/l
 RT: 11.791 min Scan# 3266
 Delta R.T. 0.000 min
 Lab File: VU057791.D
 Acq: 02 Feb 2024 13:23

Tgt Ion:	119	Resp:	16307
Ion Ratio	Lower	Upper	
119	100		
134	23.6	20.2	30.4
91	24.1	19.3	28.9





#84

n-Butylbenzene

Concen: 0.543 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU057791.D

Acq: 02 Feb 2024 13:23

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

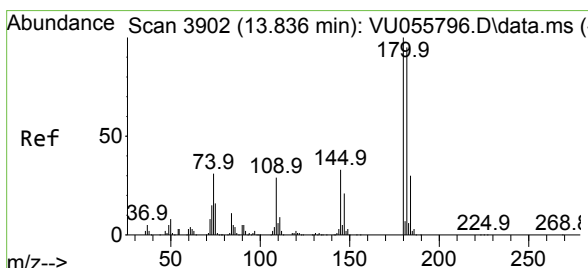
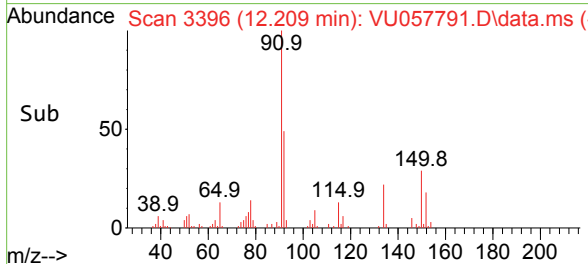
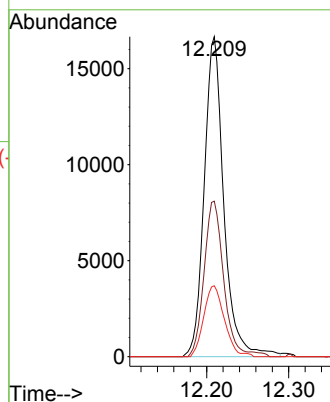
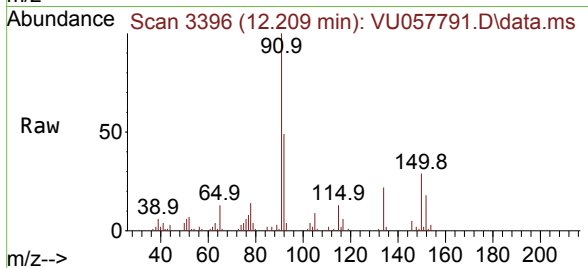
Tgt Ion: 91 Resp: 27673

Ion Ratio Lower Upper

91 100

92 48.9 40.8 61.2

134 23.3 18.4 27.6



#87

1,2,4-Trichlorobenzene

Concen: 0.225 ug/l

RT: 13.846 min Scan# 3905

Delta R.T. 0.010 min

Lab File: VU057791.D

Acq: 02 Feb 2024 13:23

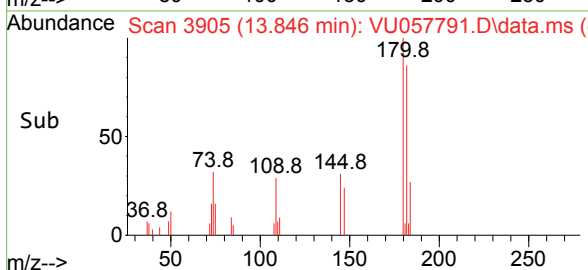
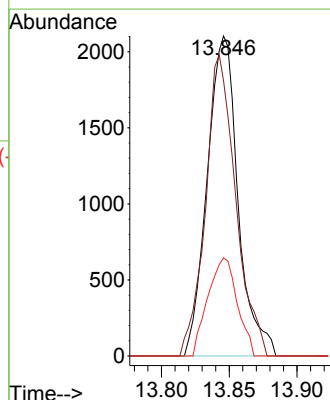
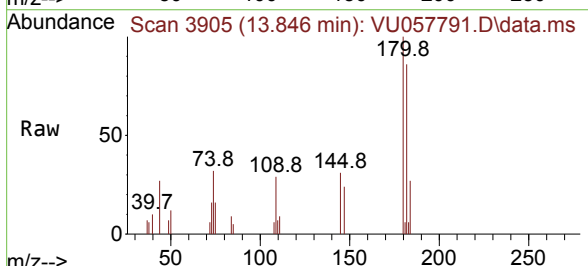
Tgt Ion: 180 Resp: 3329

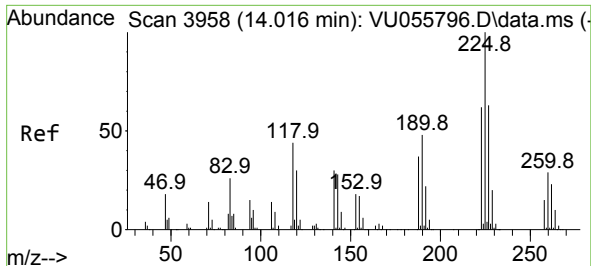
Ion Ratio Lower Upper

180 100

182 92.2 75.8 113.6

145 29.1 23.9 35.9

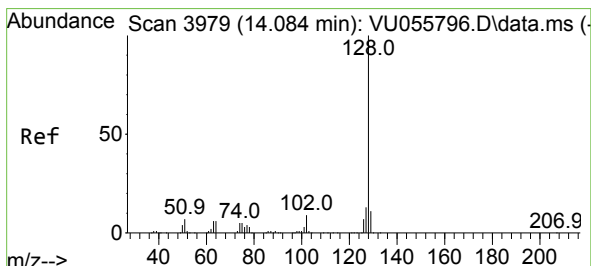
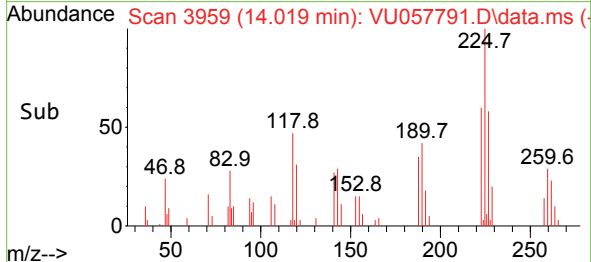
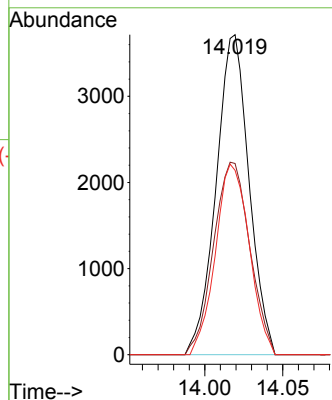
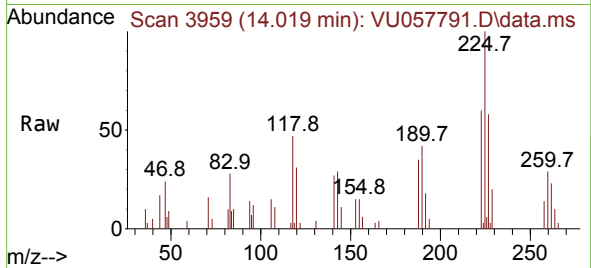




#88
Hexachlorobutadiene
Concen: 0.575 ug/l
RT: 14.019 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU057791.D
Acq: 02 Feb 2024 13:23

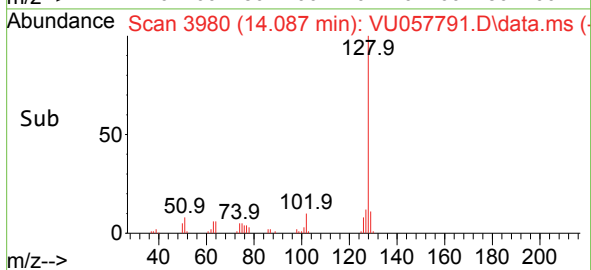
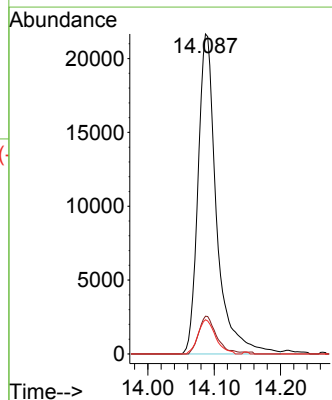
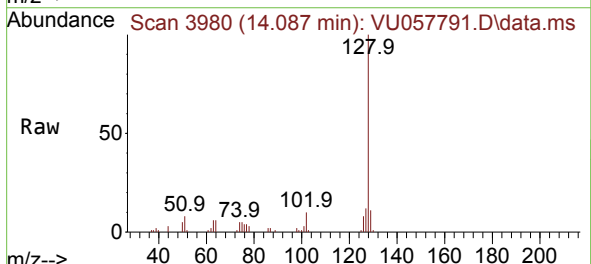
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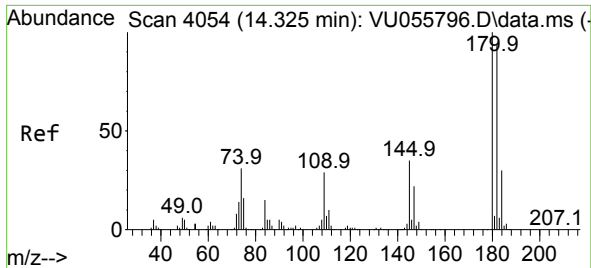
Tgt Ion:225 Resp: 5461
Ion Ratio Lower Upper
225 100
223 66.1 50.2 75.4
227 61.0 51.5 77.3



#89
Naphthalene
Concen: 1.839 ug/l
RT: 14.087 min Scan# 3980
Delta R.T. 0.003 min
Lab File: VU057791.D
Acq: 02 Feb 2024 13:23

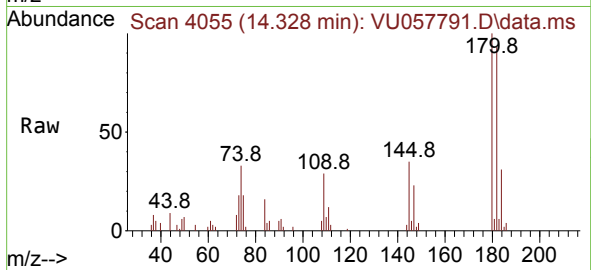
Tgt Ion:128 Resp: 42010
Ion Ratio Lower Upper
128 100
127 11.5 10.9 16.3
129 10.1 8.6 12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 0.955 ug/l
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.003 min
 Lab File: VU057791.D
 Acq: 02 Feb 2024 13:23

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Tgt Ion:	180	Resp:	11751
Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.7	113.5
145	34.6	26.1	39.1

