

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111224\
 Data File : VU061602.D
 Acq On : 12 Nov 2024 13:15
 Operator : MD/SY
 Sample : VU1112WBL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 05:07:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Nov 13 05:00:10 2024
 Response via : Initial Calibration

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

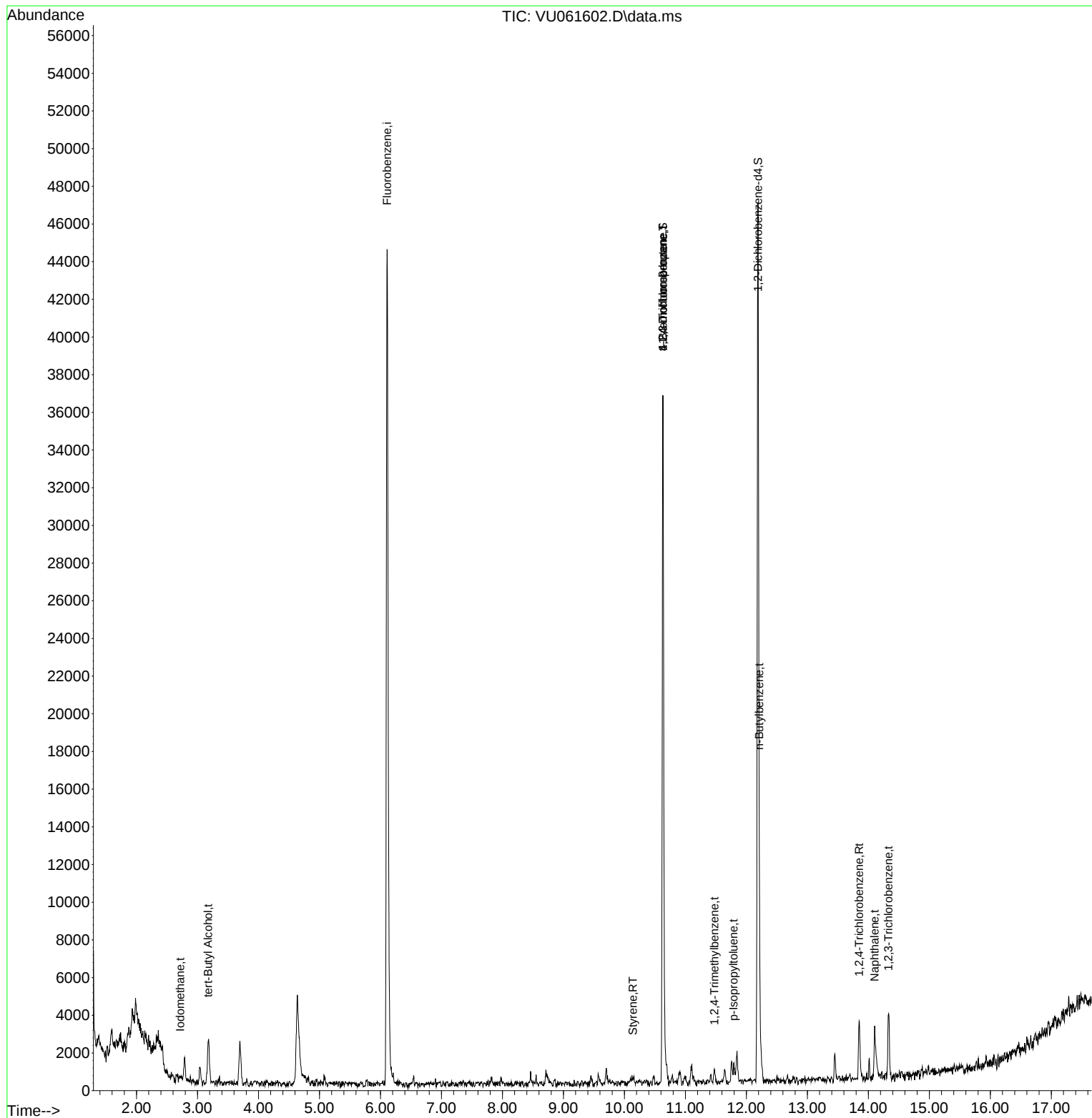
Internal Standards						
1) Fluorobenzene	6.110	96	46549	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13886	0.860	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14521	0.903	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
10) Iodomethane	2.718	142	286	0.756	ug/l	# 32
24) tert-Butyl Alcohol	3.174	59	1567	1.995	ug/l	# 73
46) t-1,4-Dichloro-2-butene	10.631	75	7101	2.088	ug/l	# 31
66) Styrene	10.139	104	308	0.291	ug/l	# 46
71) 1,2,3-Trichloropropane	10.631	75	7101	0.783	ug/l	# 50
78) 1,2,4-Trimethylbenzene	11.476	105	784	0.255	ug/l	88
81) p-Isopropyltoluene	11.788	119	938	0.281	ug/l	# 79
84) n-Butylbenzene	12.209	91	1850	0.298	ug/l	# 76
87) 1,2,4-Trichlorobenzene	13.849	180	1707	0.540	ug/l	96
89) Naphthalene	14.103	128	4450	0.738	ug/l	# 82
90) 1,2,3-Trichlorobenzene	14.328	180	1952	0.576	ug/l	# 90

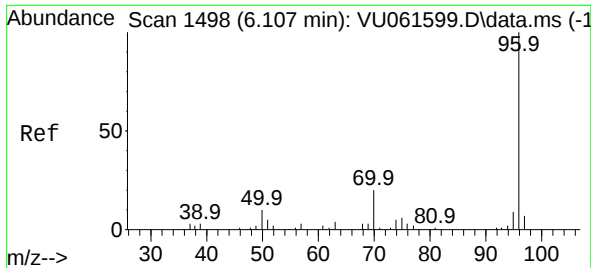
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U111224DW.M
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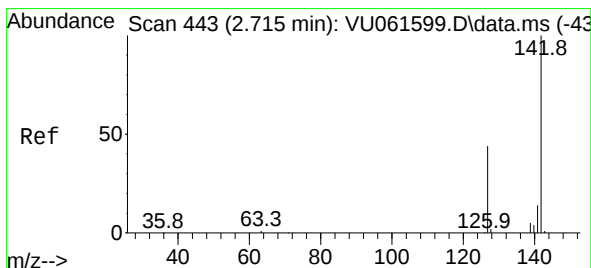
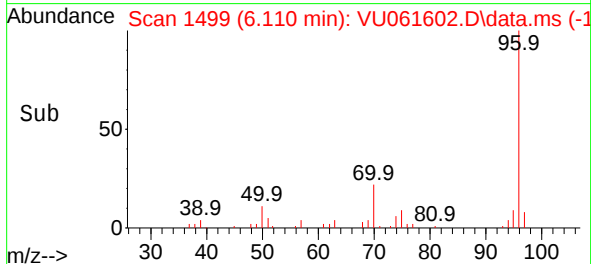
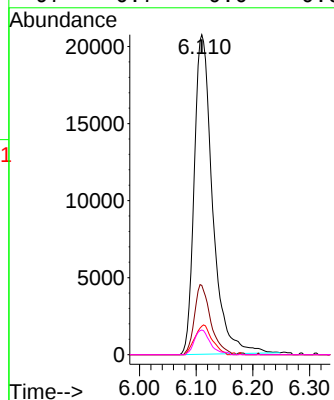
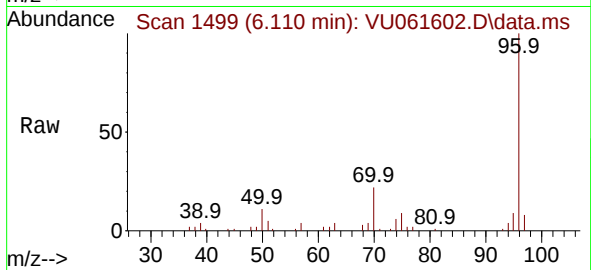




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU061602.D
Acq: 12 Nov 2024 13:15

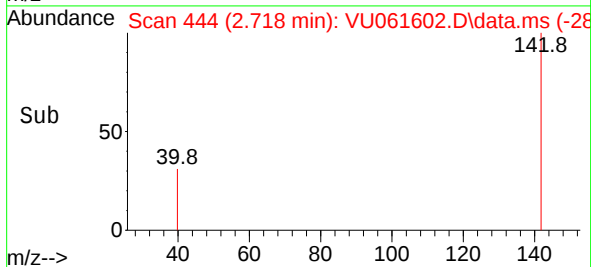
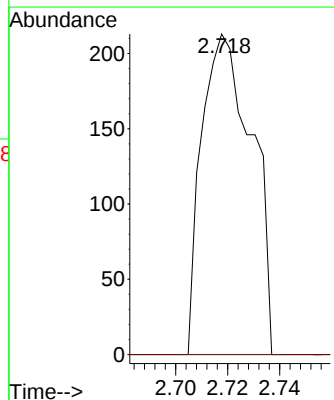
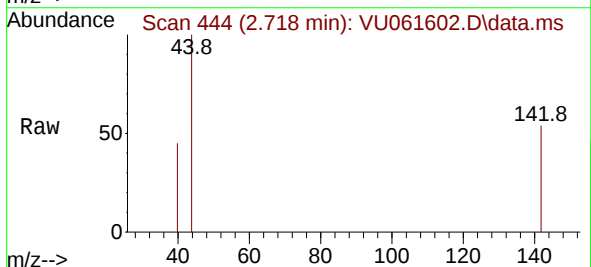
Instrument :
MSVOA_U
ClientSampleId :

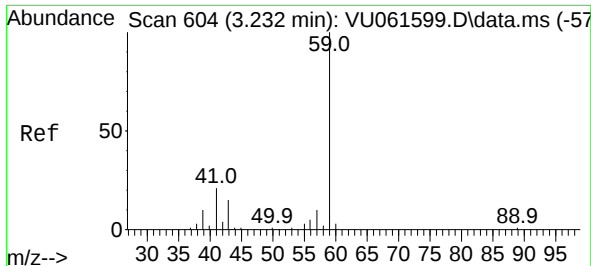
Tgt Ion: 96	Resp: 46549
Ion Ratio	Lower Upper
96	100
70	19.3 15.8 23.6
95	8.7 7.3 10.9
97	6.7 0.0 0.0#



#10
Iodomethane
Concen: 0.756 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU061602.D
Acq: 12 Nov 2024 13:15

Tgt Ion: 142	Resp: 286
Ion Ratio	Lower Upper
142	100
127	0.0 34.8 52.2#

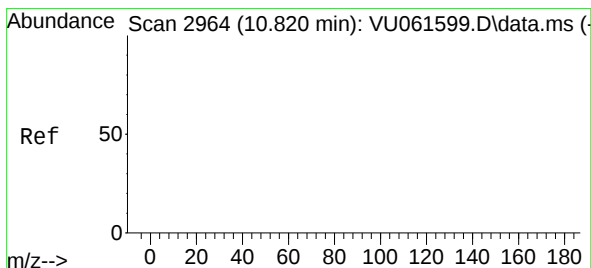
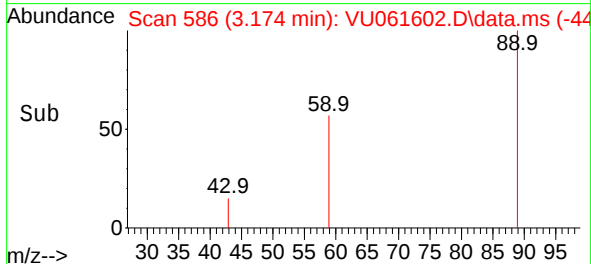
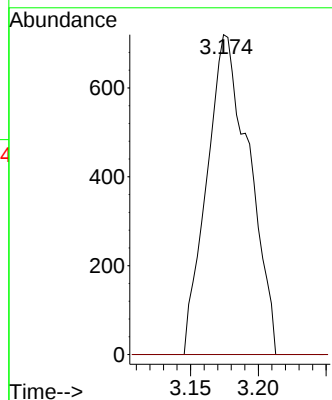
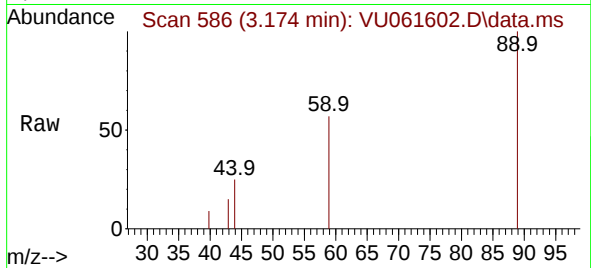




#24
tert-Butyl Alcohol
Concen: 1.995 ug/l
RT: 3.174 min Scan# 51
Delta R.T. -0.058 min
Lab File: VU061602.D
Acq: 12 Nov 2024 13:15

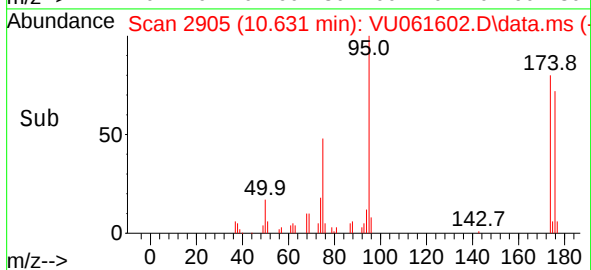
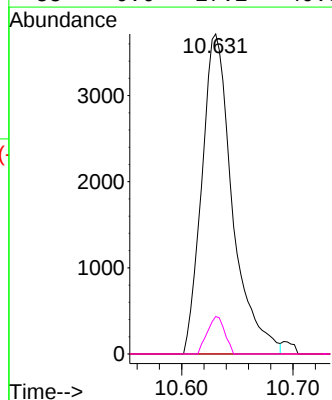
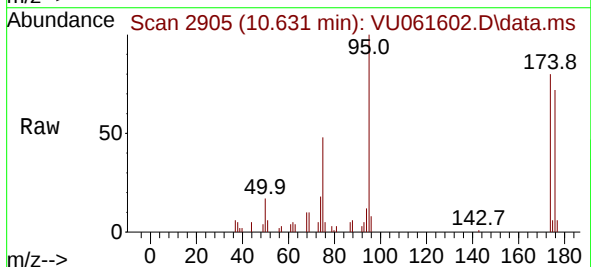
Instrument :
MSVOA_U
ClientSampleId :

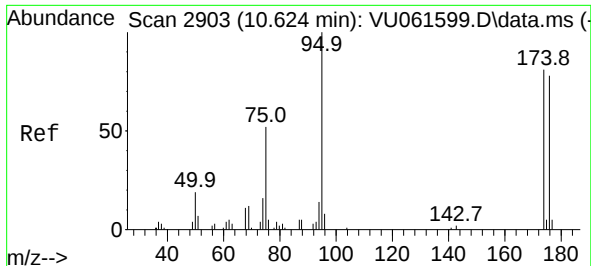
Tgt Ion: 59 Resp: 1567
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#46
t-1,4-Dichloro-2-butene
Concen: 2.088 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.190 min
Lab File: VU061602.D
Acq: 12 Nov 2024 13:15

Tgt Ion: 75 Resp: 7101
Ion Ratio Lower Upper
75 100
53 0.0 50.7 76.1#
89 0.0 35.2 52.8#
88 6.6 27.2 40.8#





#57

4-Bromofluorobenzene

Concen: 0.860 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.006 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

Instrument :

MSVOA_U

ClientSampleId :

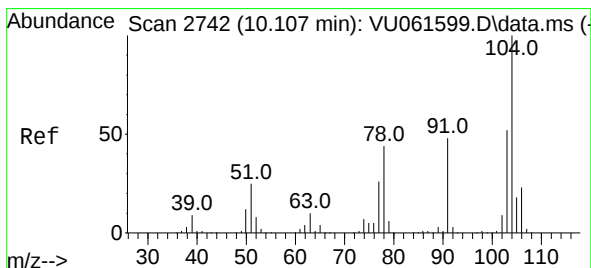
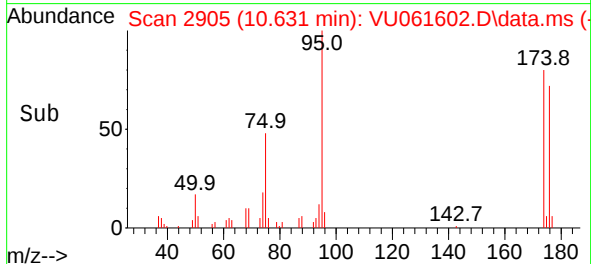
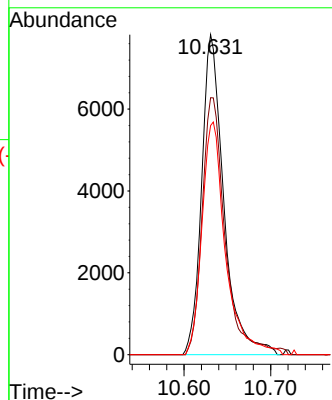
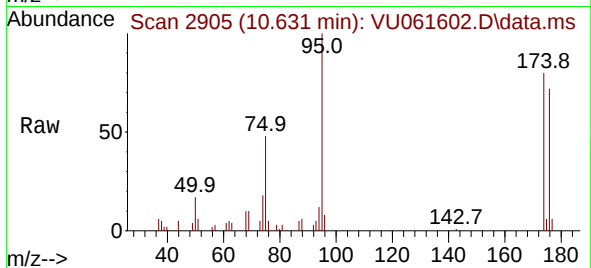
Tgt Ion: 95 Resp: 13886

Ion Ratio Lower Upper

95 100

174 82.9 67.5 101.3

176 77.3 62.7 94.1



#66

Styrene

Concen: 0.291 ug/l

RT: 10.139 min Scan# 2752

Delta R.T. 0.032 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

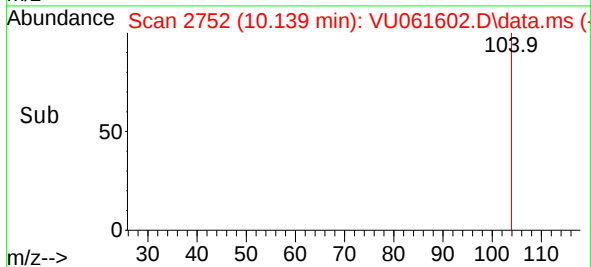
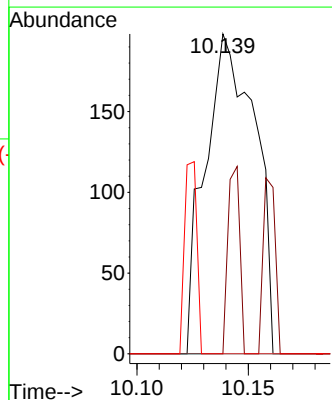
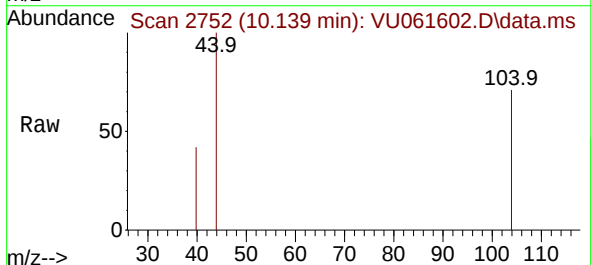
Tgt Ion:104 Resp: 308

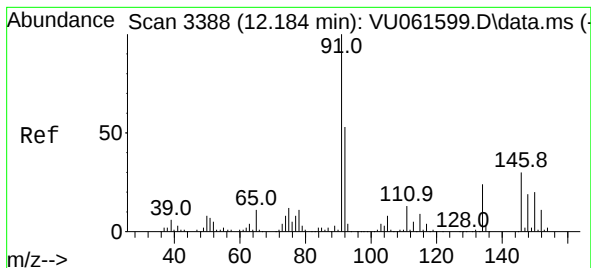
Ion Ratio Lower Upper

104 100

78 14.0 39.2 58.8#

103 14.9 44.9 67.3#





#68

1,2-Dichlorobenzene-d4

Concen: 0.903 ug/l

RT: 12.190 min Scan# 3388

Delta R.T. 0.006 min

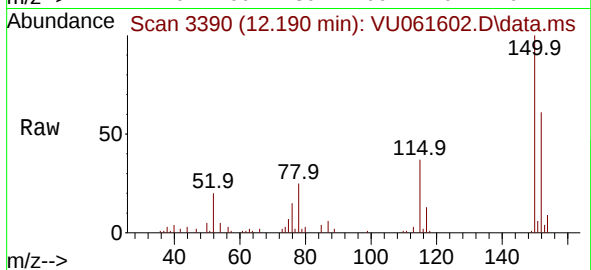
Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

Instrument :

MSVOA_U

ClientSampleId :



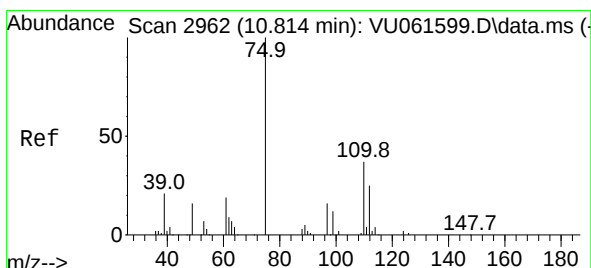
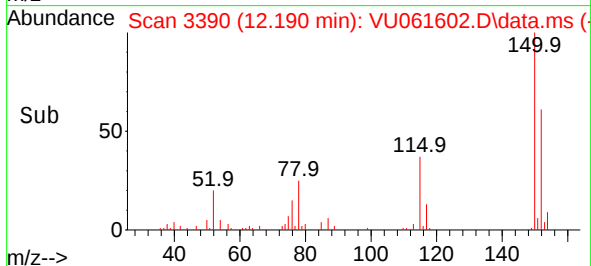
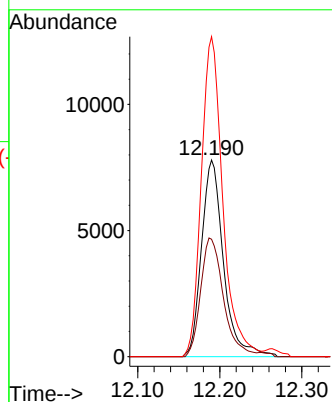
Tgt Ion:152 Resp: 14521

Ion Ratio Lower Upper

152 100

115 63.6 0.0 259.0

150 158.9 0.0 650.2



#71

1,2,3-Trichloropropane

Concen: 0.783 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. -0.183 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

Tgt Ion: 75 Resp: 7101

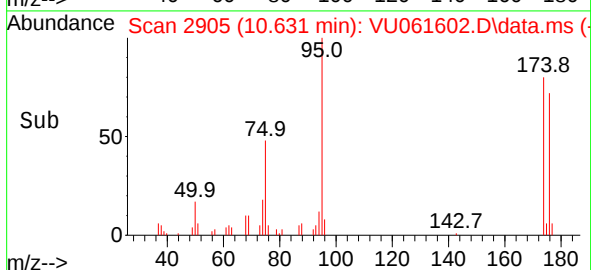
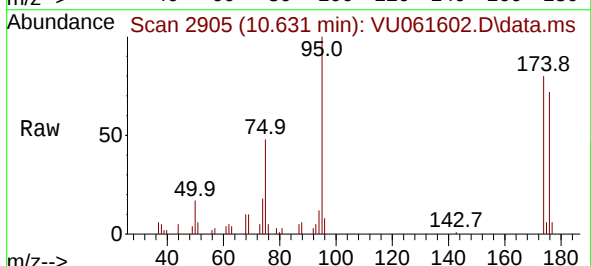
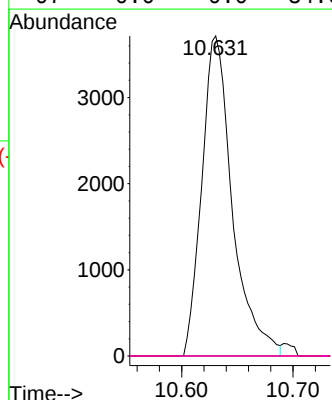
Ion Ratio Lower Upper

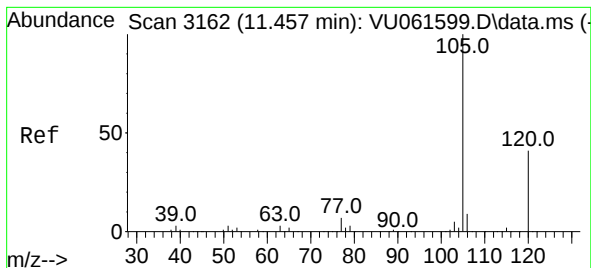
75 100

77 3.1 0.0 0.0#

110 0.0 0.0 61.6

97 0.0 0.0 34.6





#78

1,2,4-Trimethylbenzene

Concen: 0.255 ug/l

RT: 11.476 min Scan# 3162

Delta R.T. 0.019 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

Instrument :

MSVOA_U

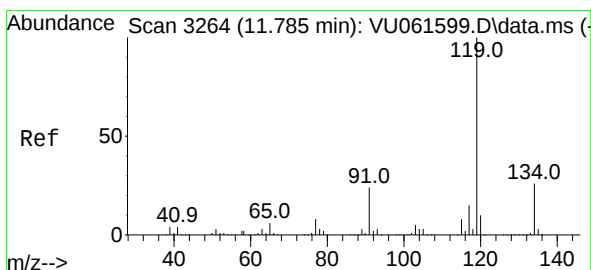
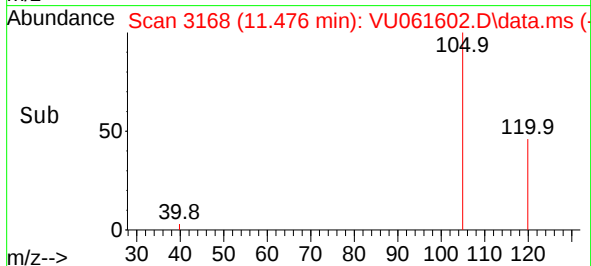
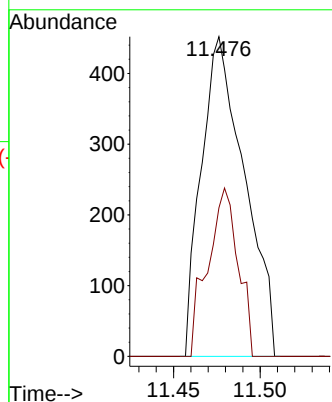
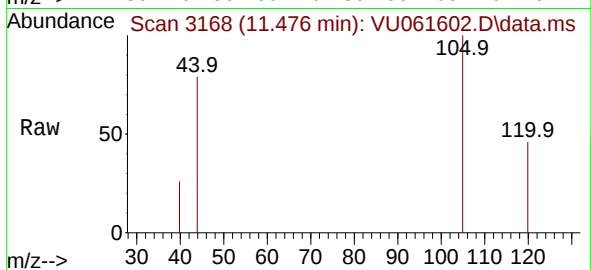
ClientSampleId :

Tgt Ion:105 Resp: 784

Ion Ratio Lower Upper

105 100

120 37.1 22.7 68.0



#81

p-Isopropyltoluene

Concen: 0.281 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

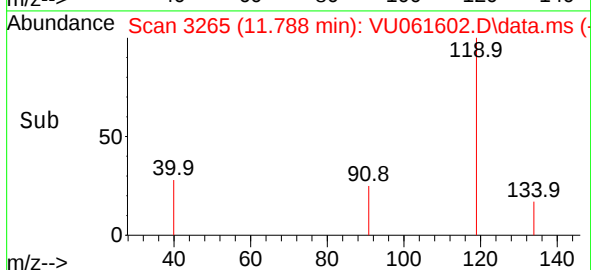
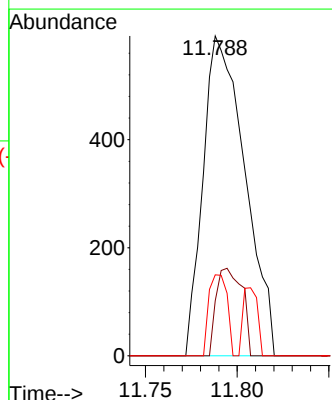
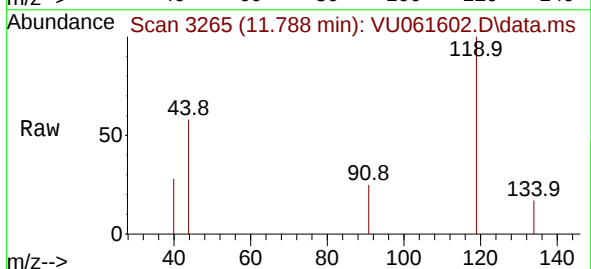
Tgt Ion:119 Resp: 938

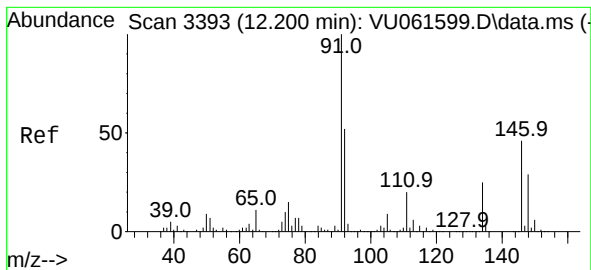
Ion Ratio Lower Upper

119 100

134 17.0 20.9 31.3#

91 11.1 18.8 28.2#





#84

n-Butylbenzene

Concen: 0.298 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.009 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

Instrument :

MSVOA_U

ClientSampleId :

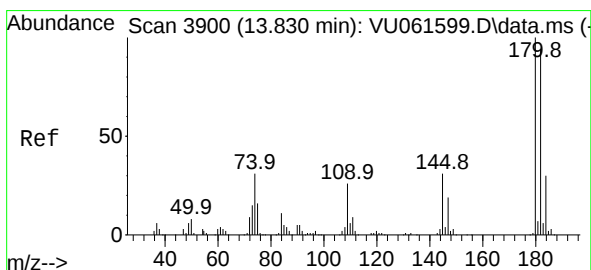
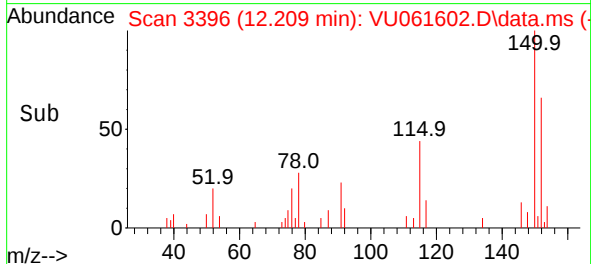
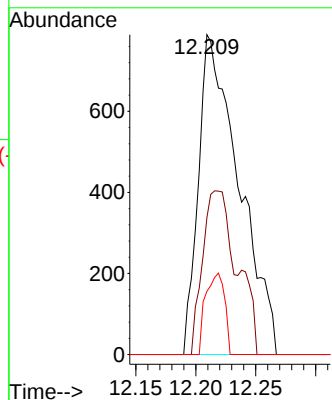
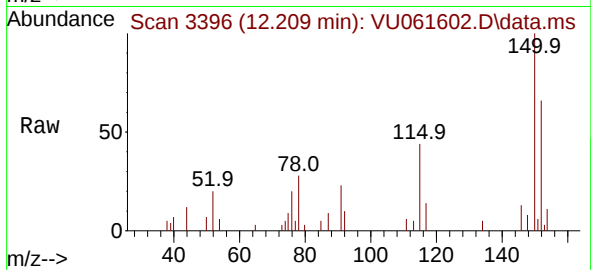
Tgt Ion: 91 Resp: 1850

Ion Ratio Lower Upper

91 100

92 36.1 41.8 62.6#

134 11.9 20.2 30.4#



#87

1,2,4-Trichlorobenzene

Concen: 0.540 ug/l

RT: 13.849 min Scan# 3906

Delta R.T. 0.019 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

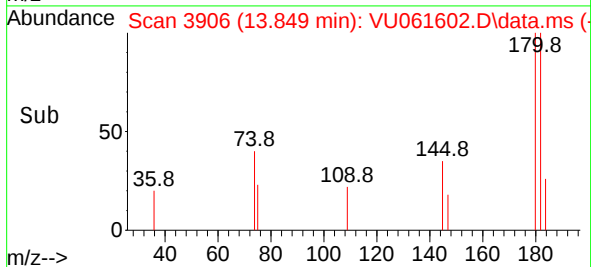
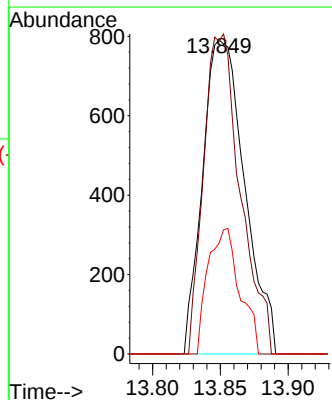
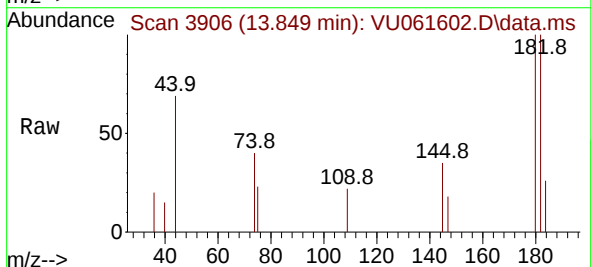
Tgt Ion:180 Resp: 1707

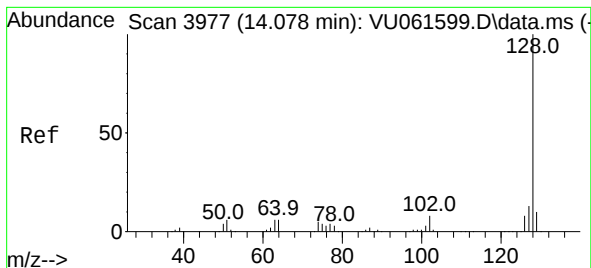
Ion Ratio Lower Upper

180 100

182 89.2 75.3 112.9

145 30.1 24.3 36.5





#89

Naphthalene

Concen: 0.738 ug/l

RT: 14.103 min Scan# 3985

Delta R.T. 0.026 min

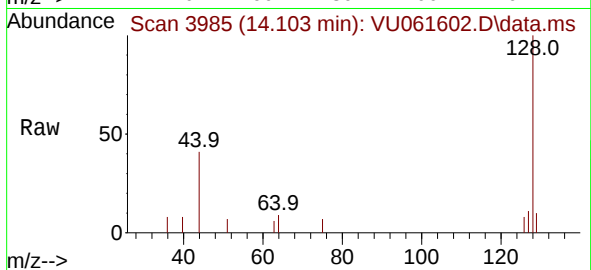
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ClientSampleId :



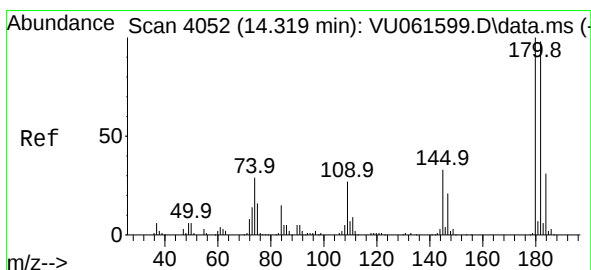
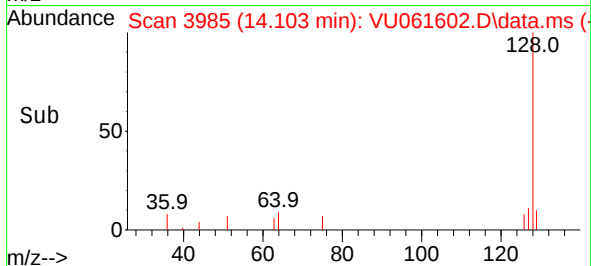
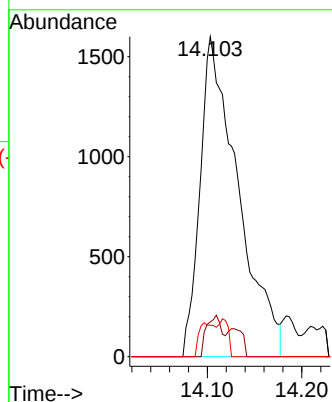
Tgt Ion:128 Resp: 4450

Ion Ratio Lower Upper

128 100

127 5.4 10.3 15.5#

129 4.6 8.6 12.8#



#90

1,2,3-Trichlorobenzene

Concen: 0.576 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.009 min

Lab File: VU061602.D

Acq: 12 Nov 2024 13:15

Tgt Ion:180 Resp: 1952

Ion Ratio Lower Upper

180 100

182 89.9 77.9 116.9

145 23.1 25.9 38.9#

