

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060338.D
 Acq On : 07 Aug 2024 15:37
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 05:58:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

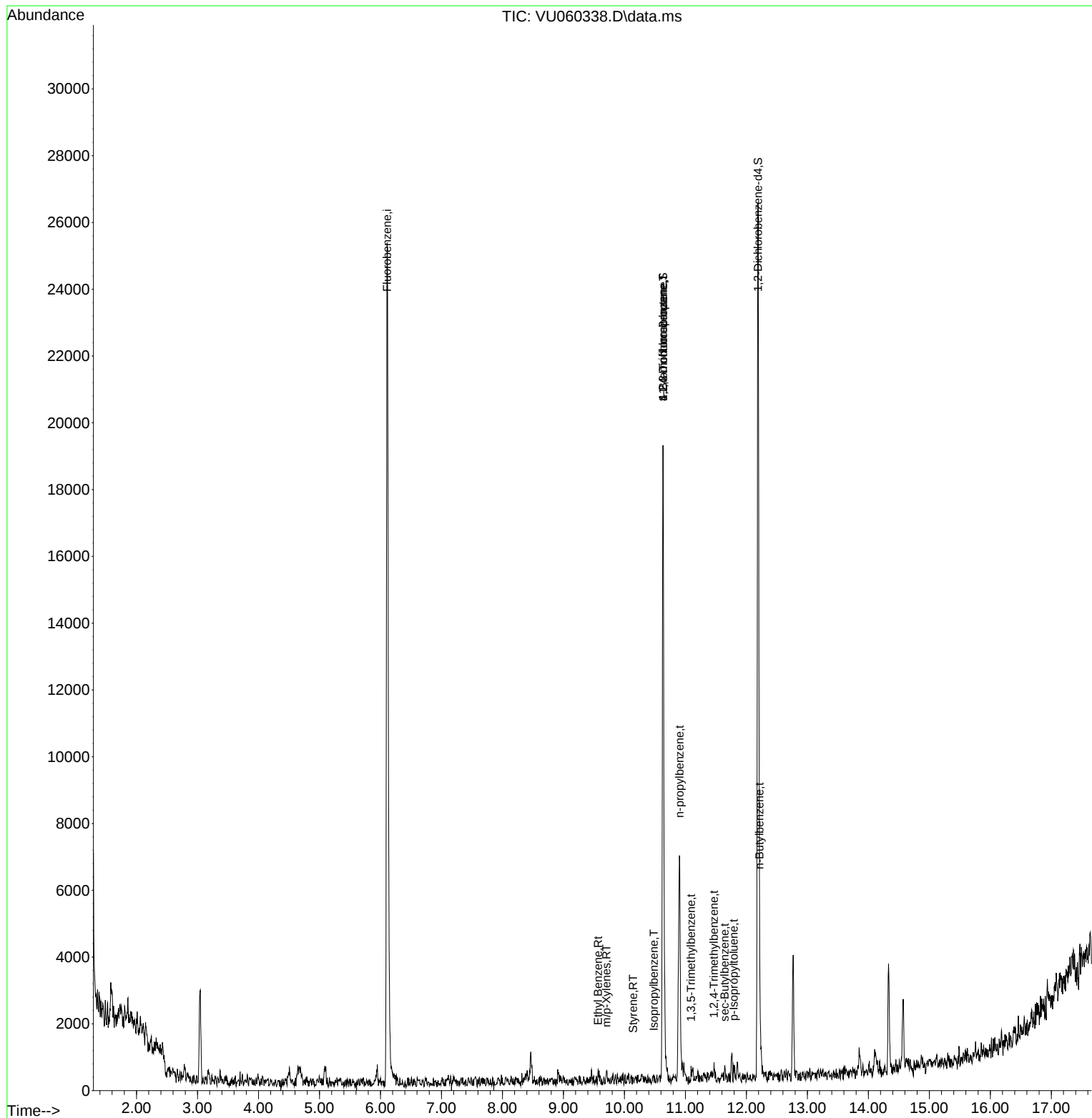
Internal Standards						
1) Fluorobenzene	6.110	96	27767	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	7519	0.795	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9594	0.933	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
46) t-1,4-Dichloro-2-butene	10.634	75	3632	1.470	ug/l #	27
63) Ethyl Benzene	9.570	91	120	0.502	ug/l #	44
64) m/p-Xylenes	9.705	106	50	0.901	ug/l #	51
66) Styrene	10.145	104	47	0.473	ug/l #	25
69) Isopropylbenzene	10.483	105	143	0.478	ug/l #	49
71) 1,2,3-Trichloropropane	10.634	75	3632	0.534	ug/l #	37
73) n-propylbenzene	10.907	120	1219	0.592	ug/l	73
75) 1,3,5-Trimethylbenzene	11.094	105	66	0.459	ug/l #	82
78) 1,2,4-Trimethylbenzene	11.470	105	325	0.505	ug/l #	31
79) sec-Butylbenzene	11.643	105	277	0.458	ug/l #	57
81) p-Isopropyltoluene	11.791	119	288	0.527	ug/l #	50
84) n-Butylbenzene	12.216	91	792	0.531	ug/l #	68

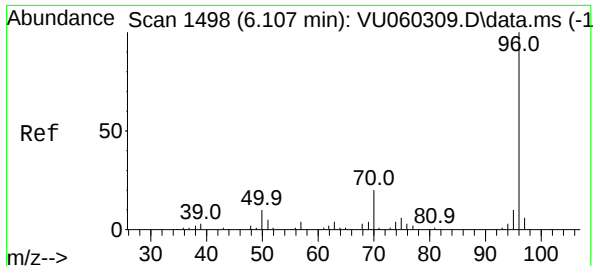
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
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Acq On : 07 Aug 2024 15:37
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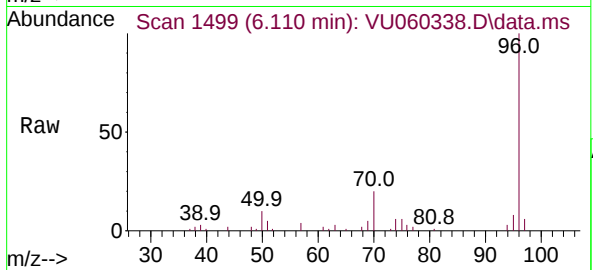
Quant Time: Aug 08 05:58:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration



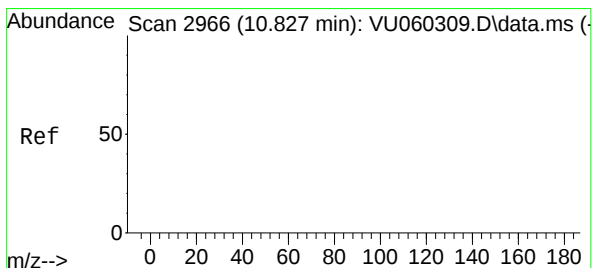
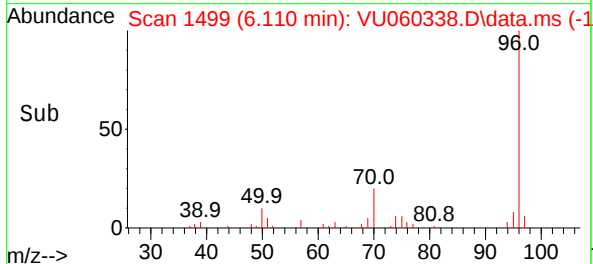
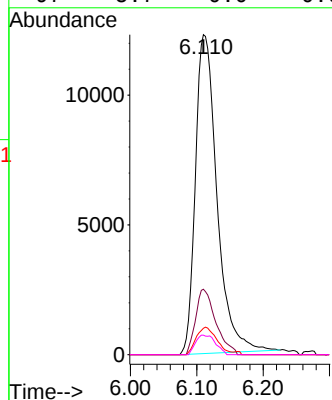


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060338.D
Acq: 07 Aug 2024 15:37

Instrument :
MSVOA_U
ClientSampleId :

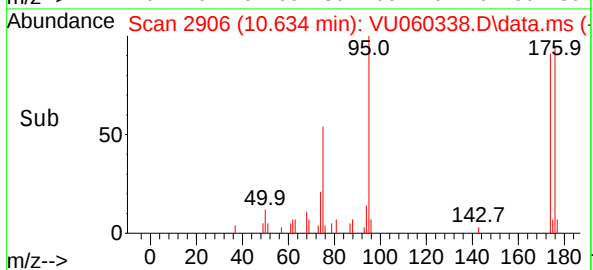
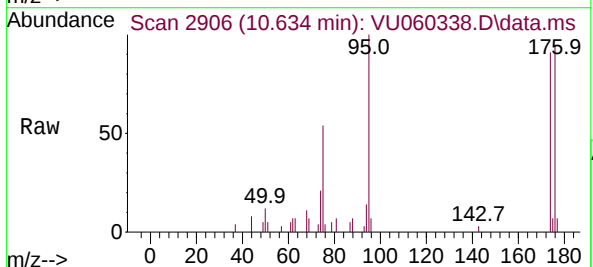
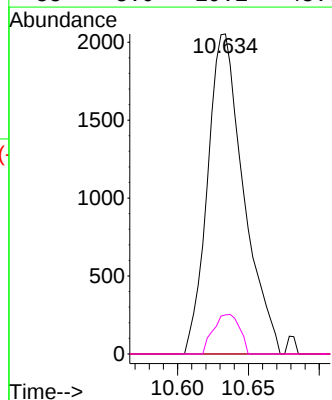


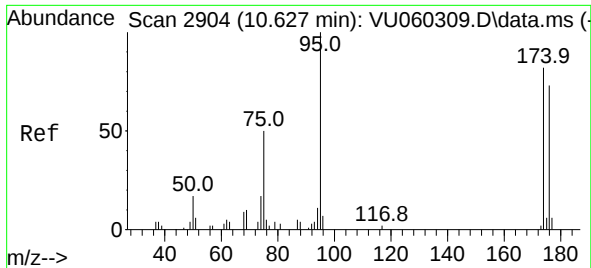
Tgt Ion: 96 Resp: 27767
Ion Ratio Lower Upper
96 100
70 19.1 17.2 25.8
95 7.4 7.9 11.9#
97 5.7 0.0 0.0#



#46
t-1,4-Dichloro-2-butene
Concen: 1.470 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. -0.193 min
Lab File: VU060338.D
Acq: 07 Aug 2024 15:37

Tgt Ion: 75 Resp: 3632
Ion Ratio Lower Upper
75 100
53 0.0 57.2 85.8#
89 0.0 40.4 60.6#
88 8.9 29.1 43.7#

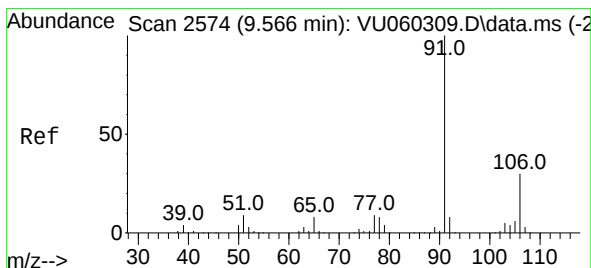
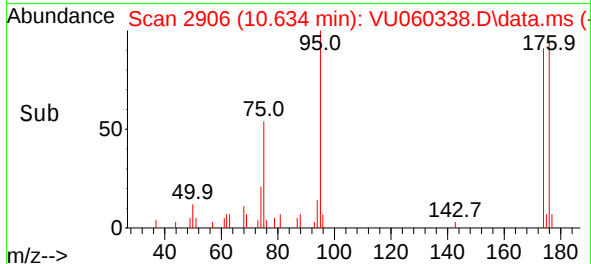
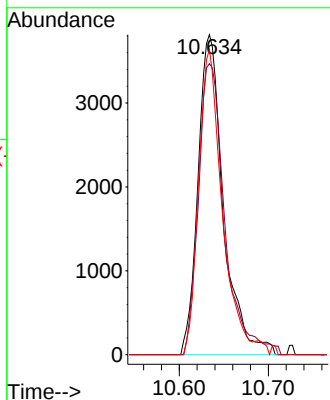
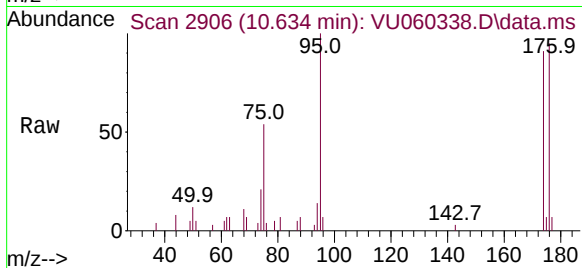




#57
 4-Bromofluorobenzene
 Concen: 0.795 ug/l
 RT: 10.634 min Scan# 2906
 Delta R.T. 0.006 min
 Lab File: VU060338.D
 Acq: 07 Aug 2024 15:37

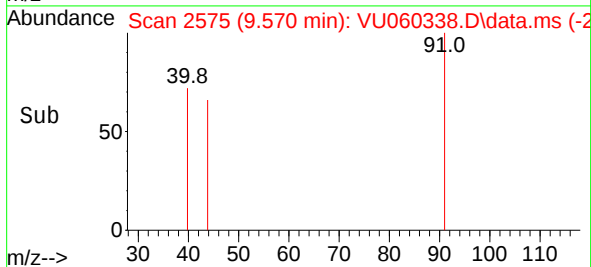
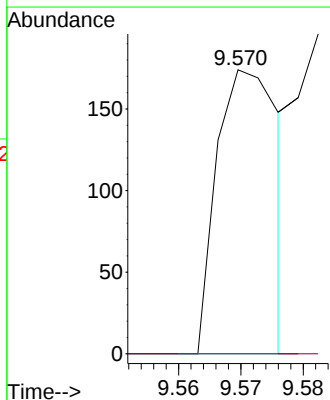
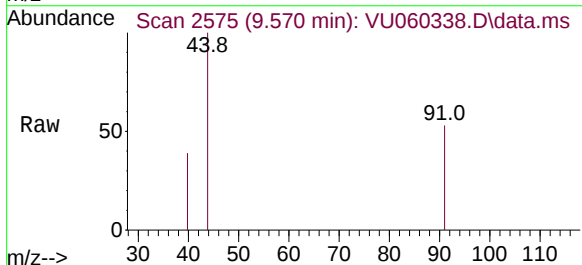
Instrument :
 MSVOA_U
 ClientSampleId :

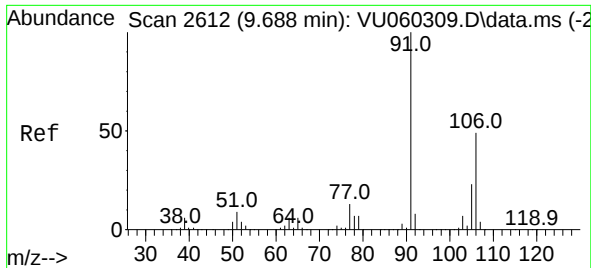
Tgt Ion: 95	Resp: 7519
Ion Ratio	Lower Upper
95 100	
174 94.9	65.6 98.4
176 88.1	60.4 90.6



#63
 Ethyl Benzene
 Concen: 0.502 ug/l
 RT: 9.570 min Scan# 2575
 Delta R.T. 0.004 min
 Lab File: VU060338.D
 Acq: 07 Aug 2024 15:37

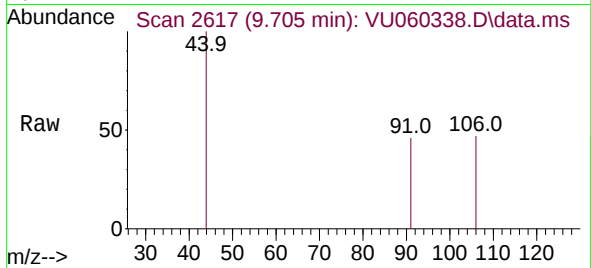
Tgt Ion: 91	Resp: 120		
Ion Ratio	Lower	Upper	
91 100			
106 0.0	24.4	36.6#	



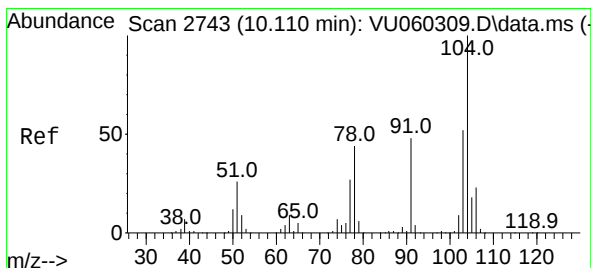
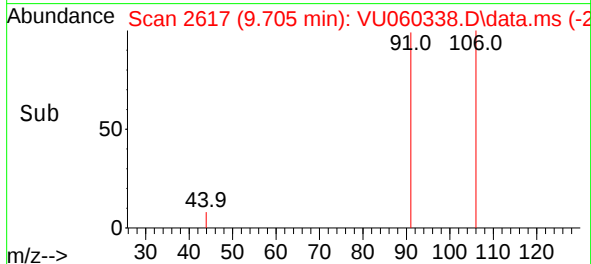
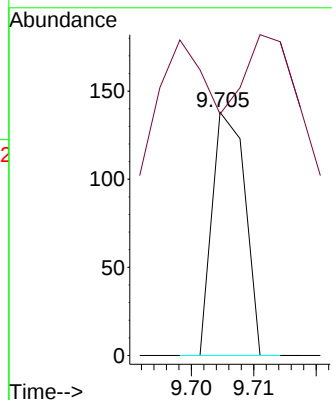


#64
m/p-Xylenes
Concen: 0.901 ug/l
RT: 9.705 min Scan# 21
Delta R.T. 0.017 min
Lab File: VU060338.D
Acq: 07 Aug 2024 15:37

Instrument :
MSVOA_U
ClientSampleId :

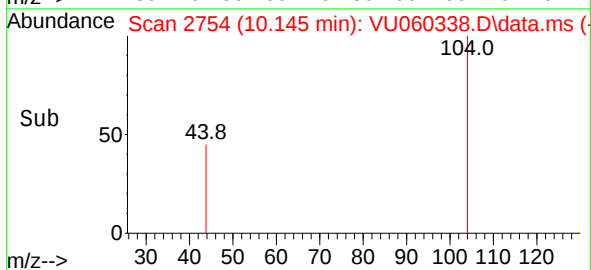
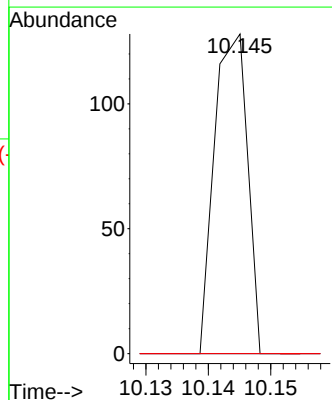
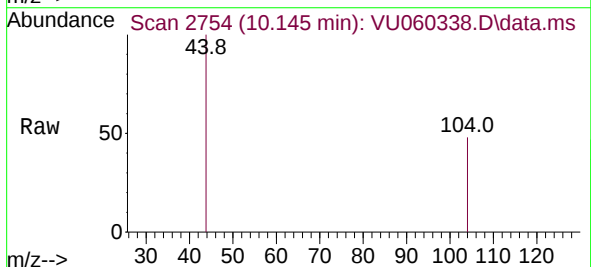


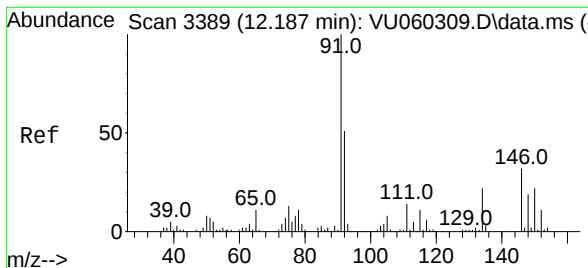
Tgt Ion:106 Resp: 50
Ion Ratio Lower Upper
106 100
91 282.0 165.0 247.4#



#66
Styrene
Concen: 0.473 ug/l
RT: 10.145 min Scan# 2754
Delta R.T. 0.035 min
Lab File: VU060338.D
Acq: 07 Aug 2024 15:37

Tgt Ion:104 Resp: 47
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 0.0 45.0 67.6#





#68

1,2-Dichlorobenzene-d4

Concen: 0.933 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU060338.D

Acq: 07 Aug 2024 15:37

Instrument :

MSVOA_U

ClientSampleId :

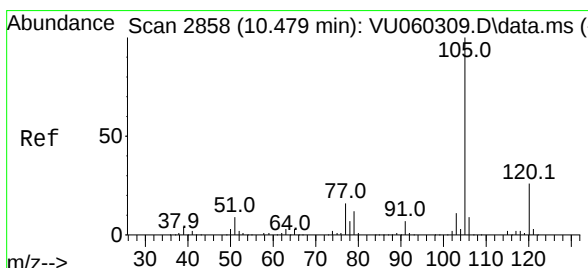
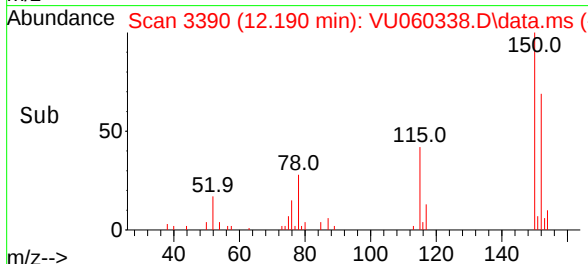
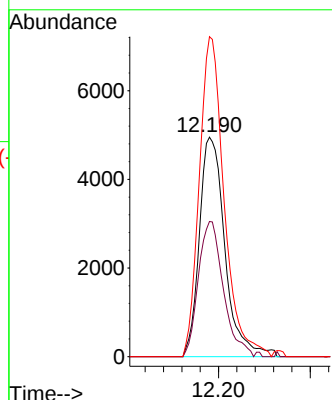
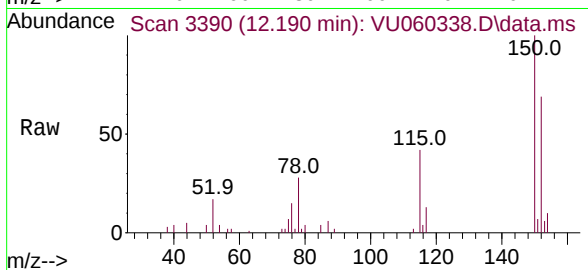
Tgt Ion:152 Resp: 9594

Ion Ratio Lower Upper

152 100

115 60.0 0.0 325.2

150 141.2 0.0 684.2



#69

Isopropylbenzene

Concen: 0.478 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. 0.004 min

Lab File: VU060338.D

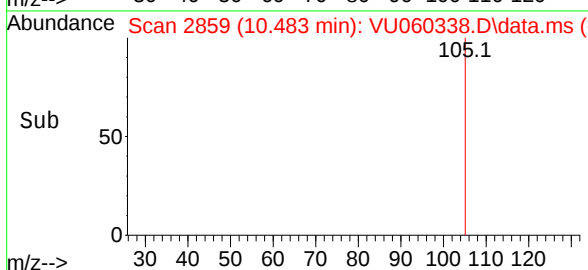
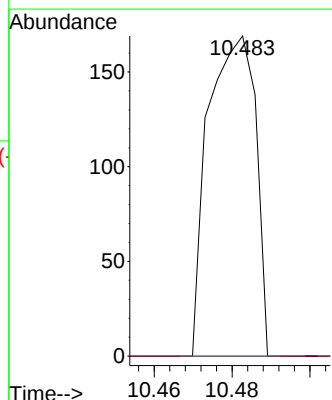
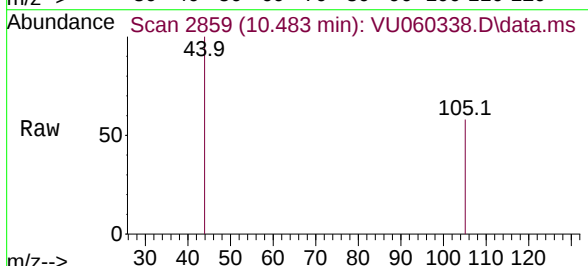
Acq: 07 Aug 2024 15:37

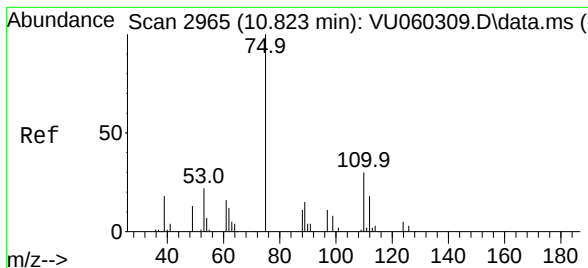
Tgt Ion:105 Resp: 143

Ion Ratio Lower Upper

105 100

120 0.0 13.0 39.0#





#71

1,2,3-Trichloropropane

Concen: 0.534 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. -0.190 min

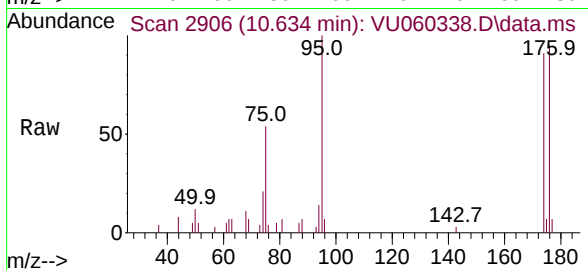
Lab File: VU060338.D

Acq: 07 Aug 2024 15:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 3632

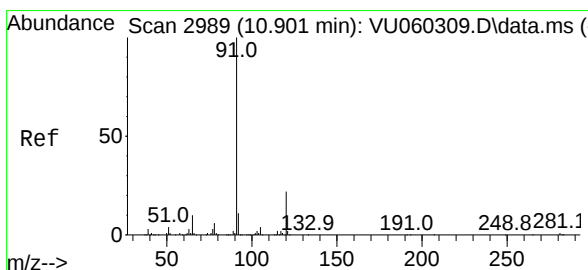
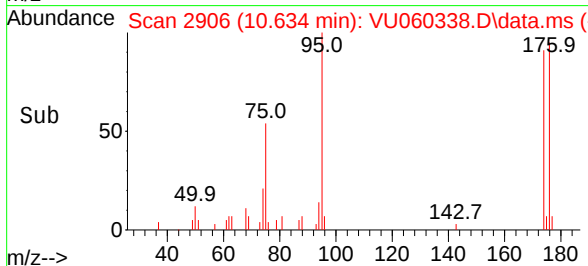
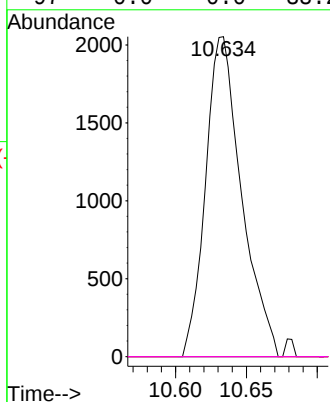
Ion Ratio Lower Upper

75 100

77 0.0 0.0 102.2

110 0.0 0.0 67.4

97 0.0 0.0 38.2



#73

n-propylbenzene

Concen: 0.592 ug/l

RT: 10.907 min Scan# 2991

Delta R.T. 0.006 min

Lab File: VU060338.D

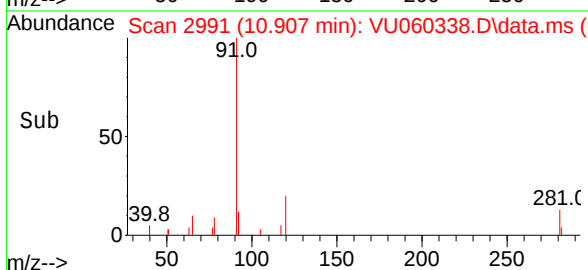
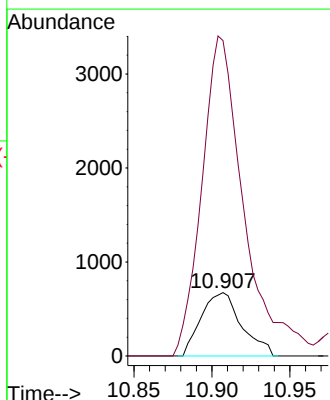
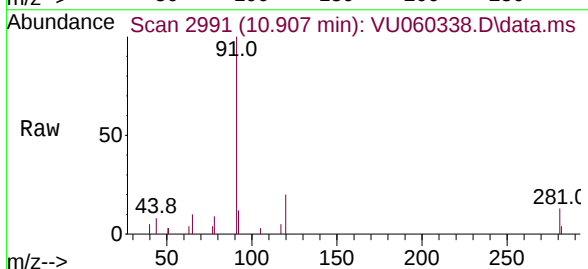
Acq: 07 Aug 2024 15:37

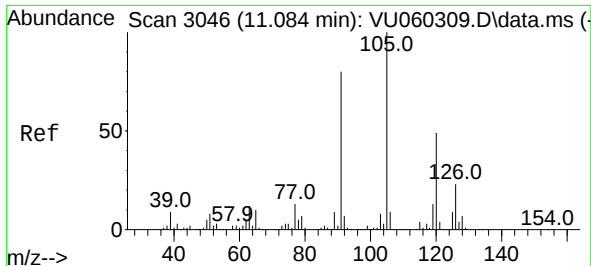
Tgt Ion:120 Resp: 1219

Ion Ratio Lower Upper

120 100

91 522.9 362.2 543.2





#75

1,3,5-Trimethylbenzene

Concen: 0.459 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VU060338.D

Acq: 07 Aug 2024 15:37

Instrument :

MSVOA_U

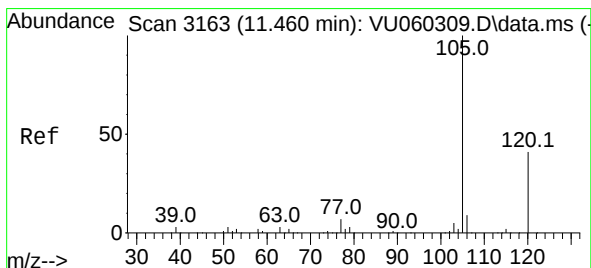
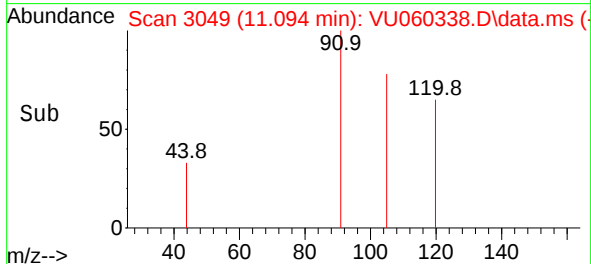
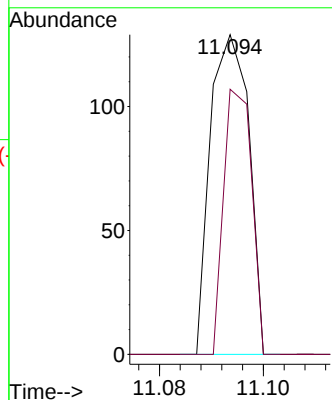
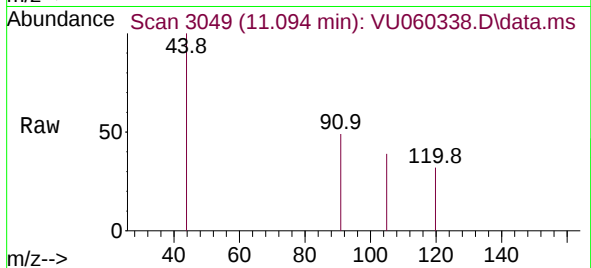
ClientSampleId :

Tgt Ion:105 Resp: 66

Ion Ratio Lower Upper

105 100

120 60.6 38.6 57.8#



#78

1,2,4-Trimethylbenzene

Concen: 0.505 ug/l

RT: 11.470 min Scan# 3166

Delta R.T. 0.010 min

Lab File: VU060338.D

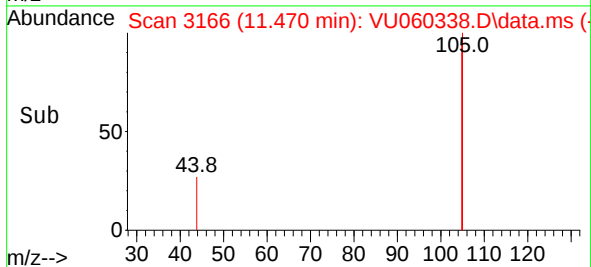
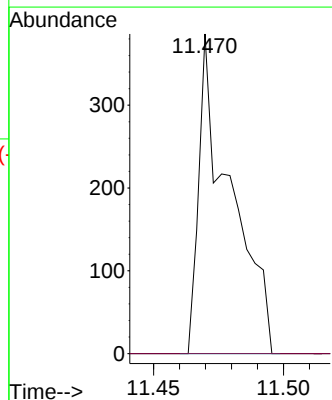
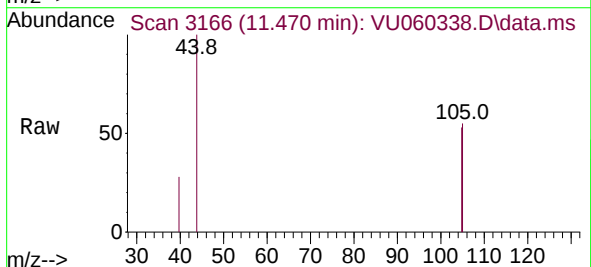
Acq: 07 Aug 2024 15:37

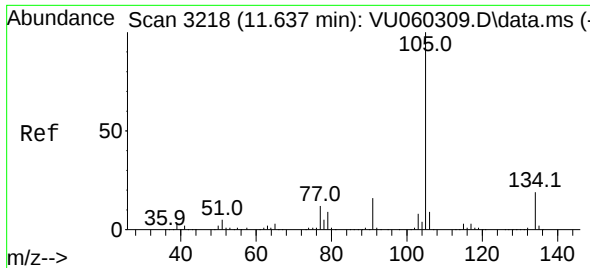
Tgt Ion:105 Resp: 325

Ion Ratio Lower Upper

105 100

120 0.0 22.6 67.7#





#79

sec-Butylbenzene

Concen: 0.458 ug/l

RT: 11.643 min Scan# 3218

Delta R.T. 0.006 min

Lab File: VU060338.D

Acq: 07 Aug 2024 15:37

Instrument :

MSVOA_U

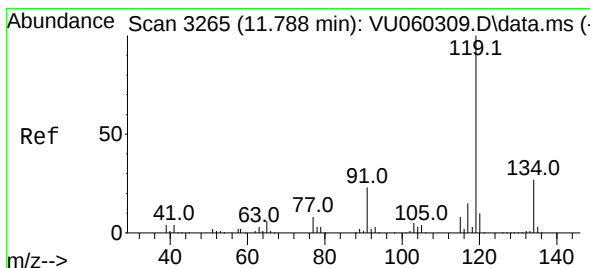
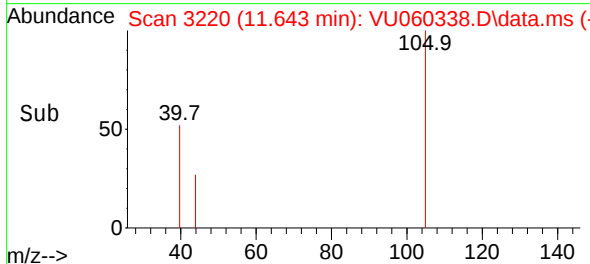
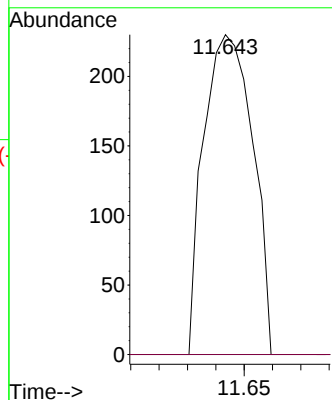
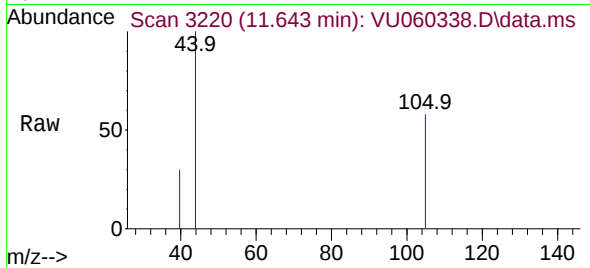
ClientSampleId :

Tgt Ion:105 Resp: 277

Ion Ratio Lower Upper

105 100

134 0.0 15.5 23.3#



#81

p-Isopropyltoluene

Concen: 0.527 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU060338.D

Acq: 07 Aug 2024 15:37

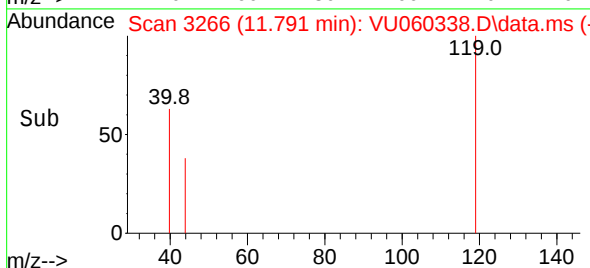
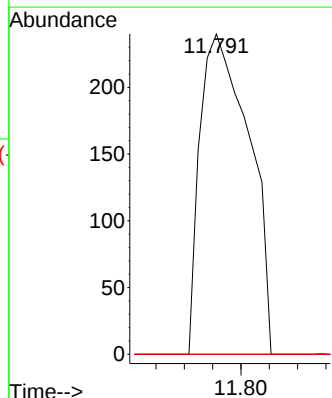
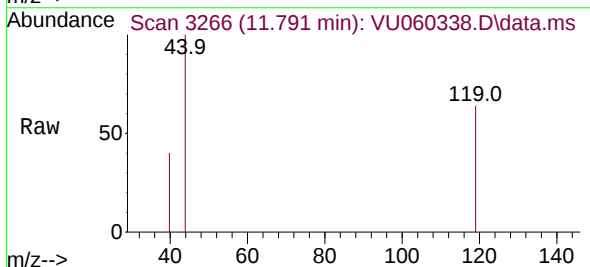
Tgt Ion:119 Resp: 288

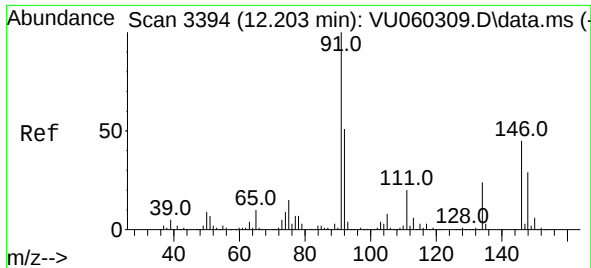
Ion Ratio Lower Upper

119 100

134 0.0 21.2 31.8#

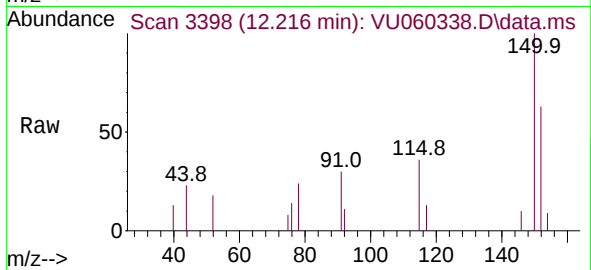
91 0.0 18.9 28.3#





#84
 n-Butylbenzene
 Concen: 0.531 ug/l
 RT: 12.216 min Scan# 3398
 Delta R.T. 0.013 min
 Lab File: VU060338.D
 Acq: 07 Aug 2024 15:37

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 91	Resp:	792
Ion	Ratio	Lower Upper
91	100	
92	34.1	41.0 61.6#
134	0.0	19.4 29.2#

