

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080624\
 Data File : VU060315.D
 Acq On : 06 Aug 2024 11:38
 Operator : MD/SY
 Sample : VU0806WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 06:57:39 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)

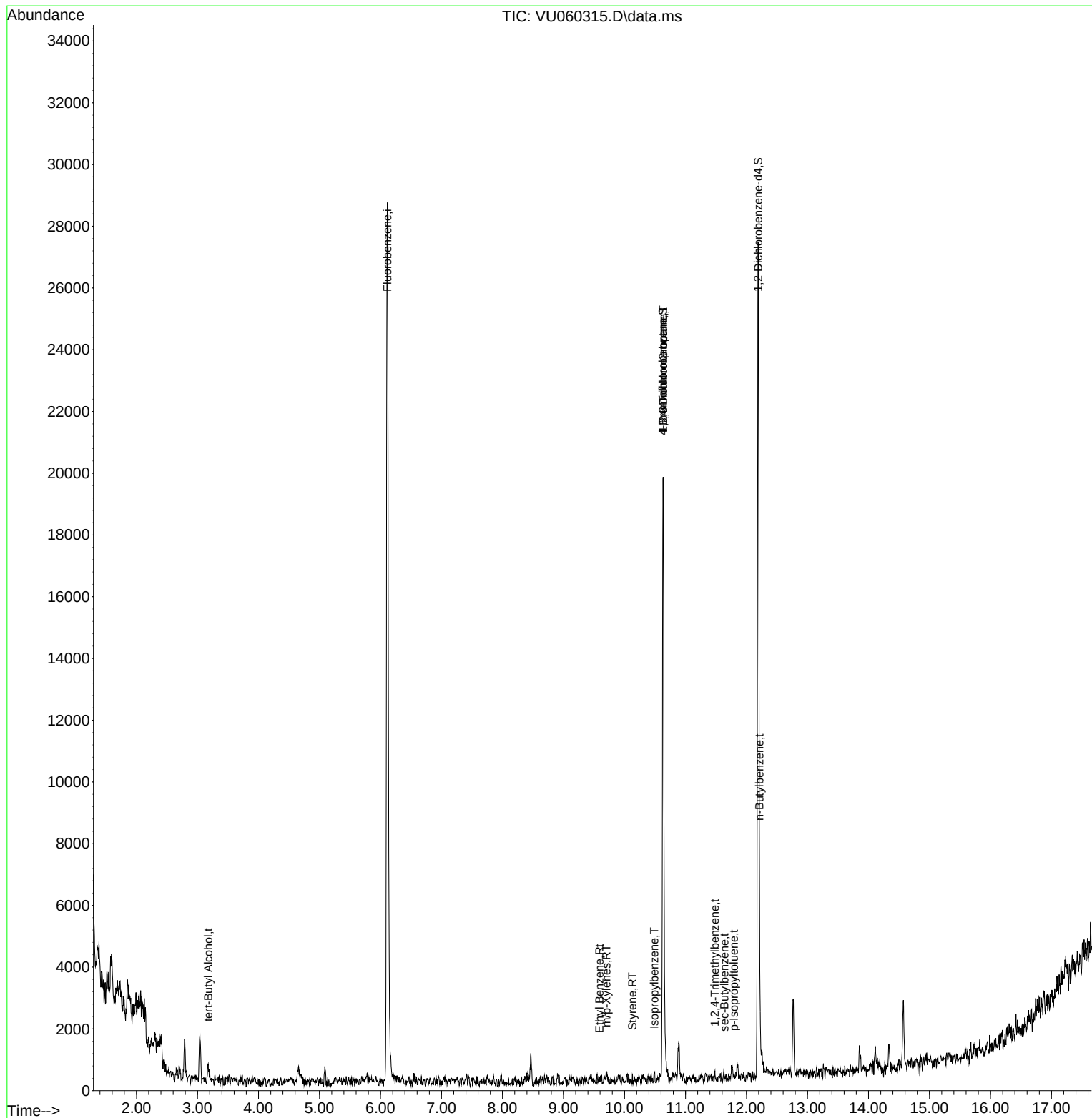
Internal Standards						
1) Fluorobenzene	6.113	96	29846	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7832	0.770	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9194	0.832	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
Target Compounds						
						Qvalue
24) tert-Butyl Alcohol	3.177	59	214	0.236	ug/l	# 83
46) t-1,4-Dichloro-2-butene	10.634	75	3382	1.273	ug/l	# 25
63) Ethyl Benzene	9.589	91	209	0.504	ug/l	# 44
64) m/p-Xylenes	9.701	106	80	0.903	ug/l	# 1
66) Styrene	10.129	104	41	0.472	ug/l	# 25
69) Isopropylbenzene	10.489	105	160	0.478	ug/l	# 49
71) 1,2,3-Trichloropropane	10.634	75	3382	0.463	ug/l	# 39
78) 1,2,4-Trimethylbenzene	11.483	105	146	0.500	ug/l	# 31
79) sec-Butylbenzene	11.637	105	160	0.456	ug/l	# 57
81) p-Isopropyltoluene	11.794	119	195	0.524	ug/l	# 50
84) n-Butylbenzene	12.212	91	154	0.514	ug/l	# 34

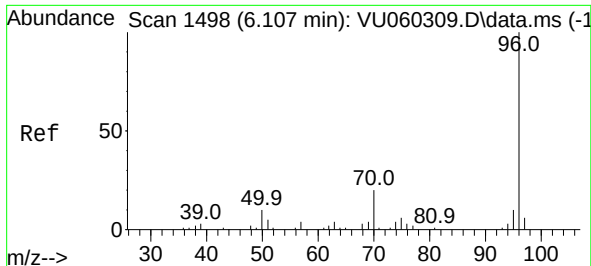
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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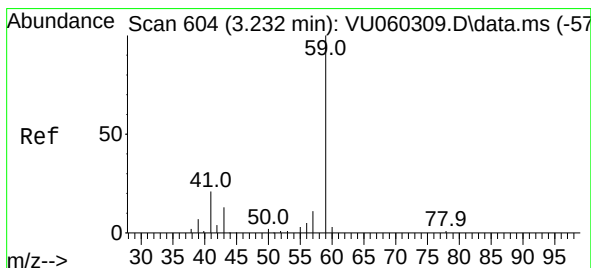
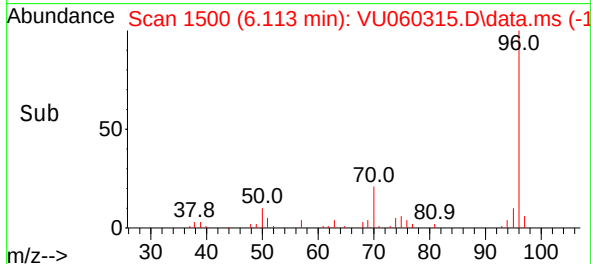
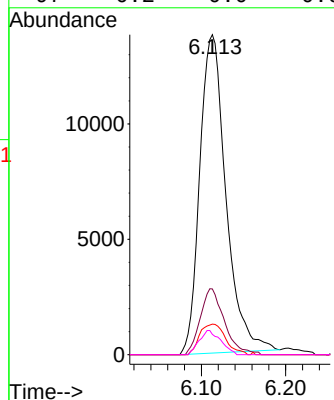
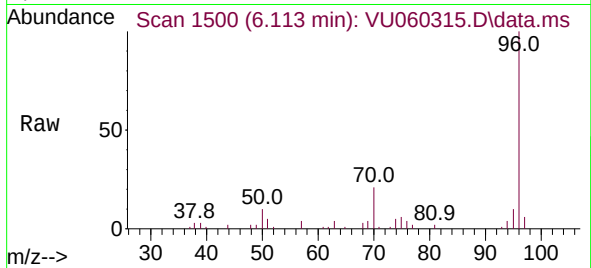




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060315.D
Acq: 06 Aug 2024 11:38

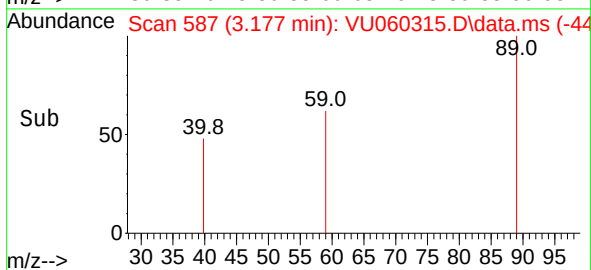
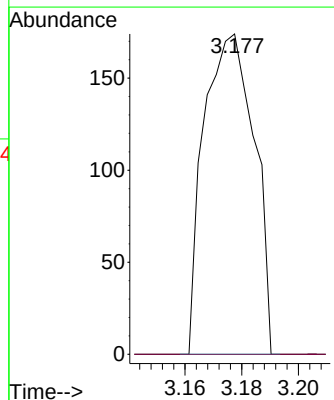
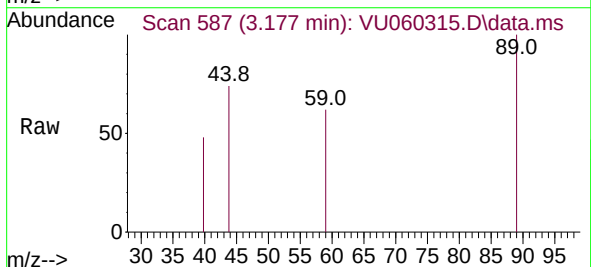
Instrument :
MSVOA_U
ClientSampleId :

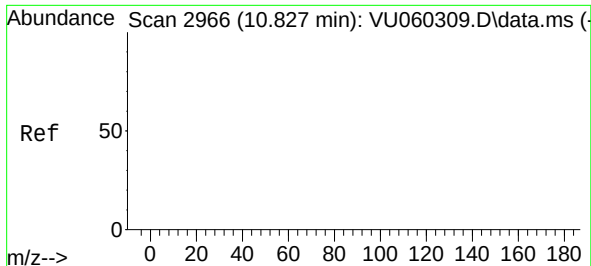
Tgt Ion: 96 Resp: 29846
Ion Ratio Lower Upper
96 100
70 19.1 17.2 25.8
95 9.5 7.9 11.9
97 6.2 0.0 0.0#



#24
tert-Butyl Alcohol
Concen: 0.236 ug/l
RT: 3.177 min Scan# 587
Delta R.T. -0.055 min
Lab File: VU060315.D
Acq: 06 Aug 2024 11:38

Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#





#46

t-1,4-Dichloro-2-butene

Concen: 1.273 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. -0.193 min

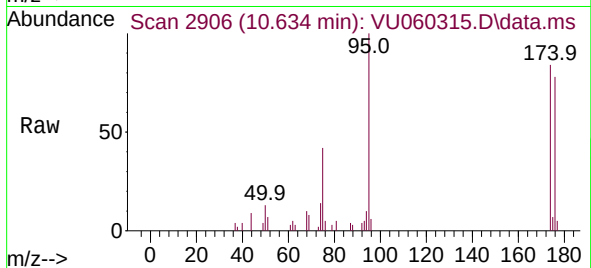
Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 3382

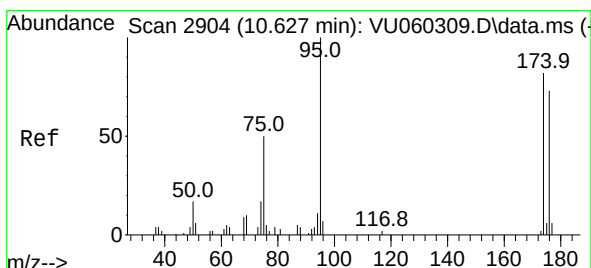
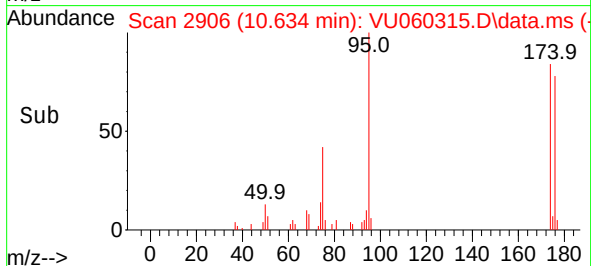
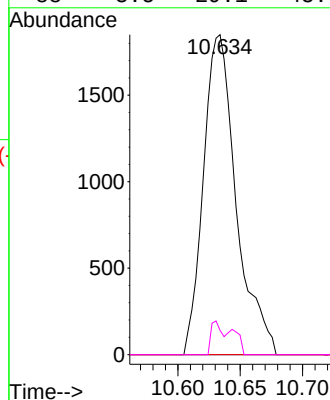
Ion Ratio Lower Upper

75 100

53 0.0 57.2 85.8#

89 0.0 40.4 60.6#

88 3.5 29.1 43.7#



#57

4-Bromofluorobenzene

Concen: 0.770 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

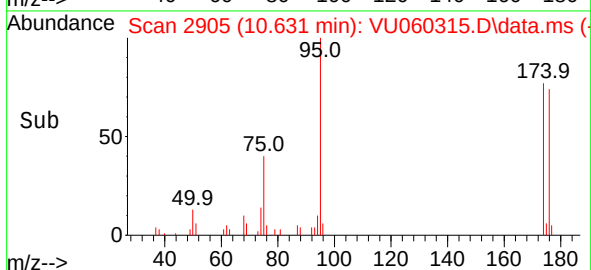
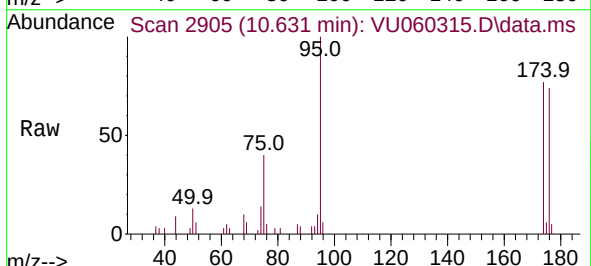
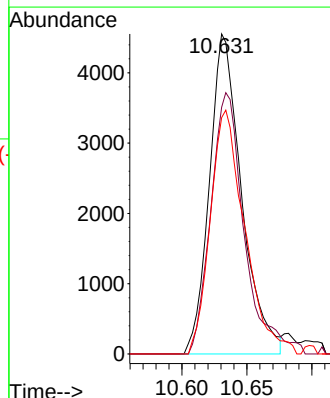
Tgt Ion: 95 Resp: 7832

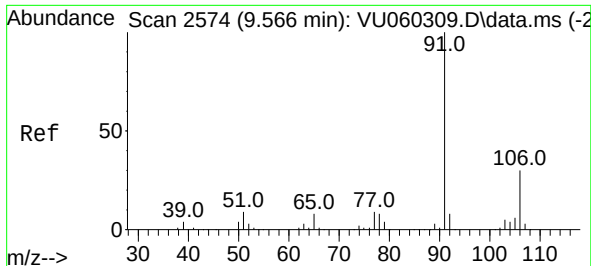
Ion Ratio Lower Upper

95 100

174 84.9 65.6 98.4

176 81.6 60.4 90.6





#63

Ethyl Benzene

Concen: 0.504 ug/l

RT: 9.589 min Scan# 2

Delta R.T. 0.023 min

Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

Instrument :

MSVOA_U

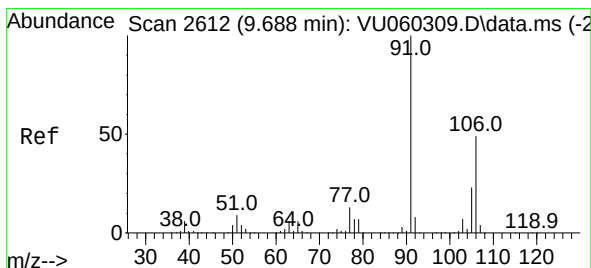
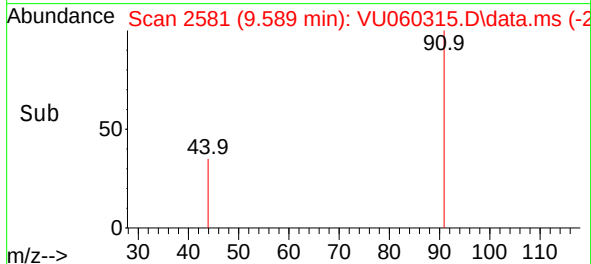
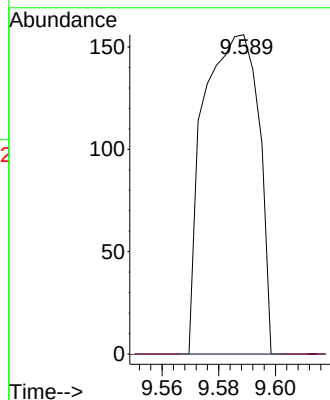
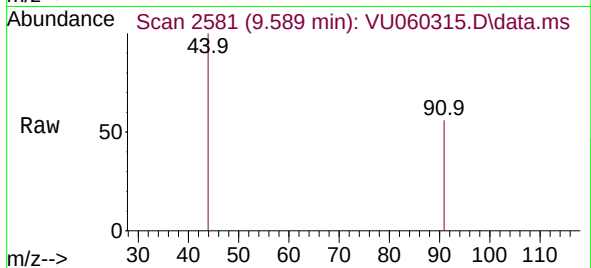
ClientSampleId :

Tgt Ion: 91 Resp: 209

Ion Ratio Lower Upper

91 100

106 0.0 24.4 36.6#



#64

m/p-Xylenes

Concen: 0.903 ug/l

RT: 9.701 min Scan# 2616

Delta R.T. 0.013 min

Lab File: VU060315.D

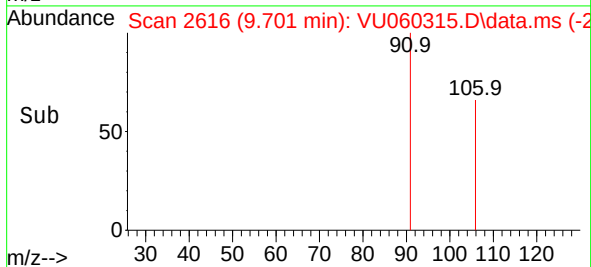
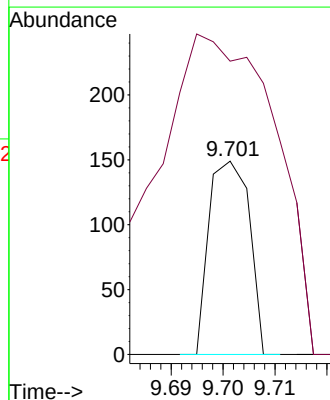
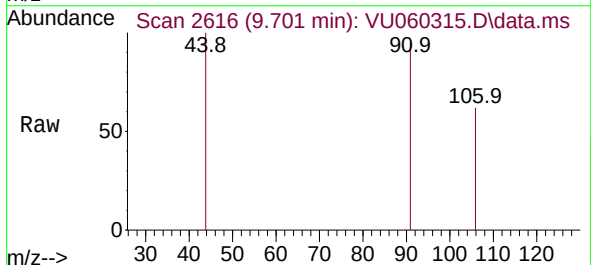
Acq: 06 Aug 2024 11:38

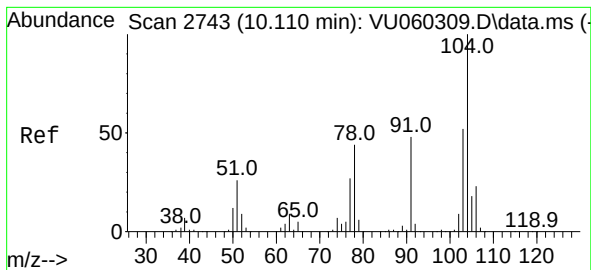
Tgt Ion:106 Resp: 80

Ion Ratio Lower Upper

106 100

91 485.0 165.0 247.4#





#66

Styrene

Concen: 0.472 ug/l

RT: 10.129 min Scan# 21

Delta R.T. 0.019 min

Lab File: VU060315.D

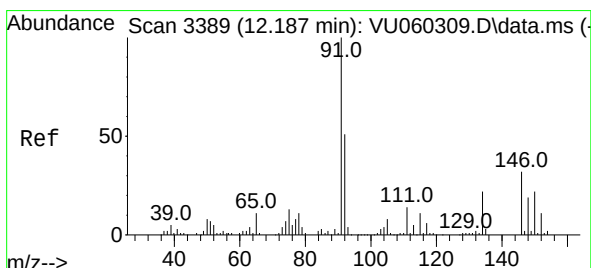
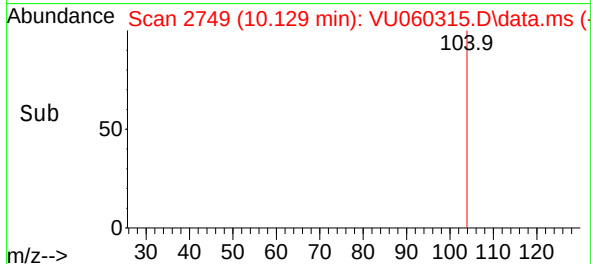
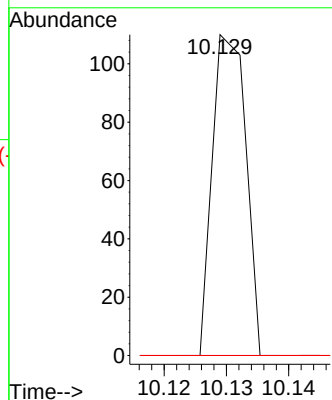
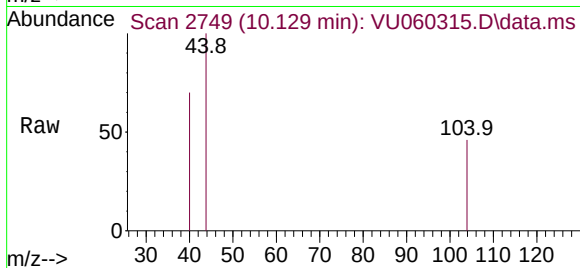
Acq: 06 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	104	Resp:	41
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: 0.832 ug/l

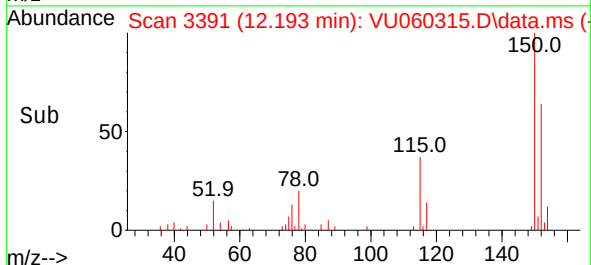
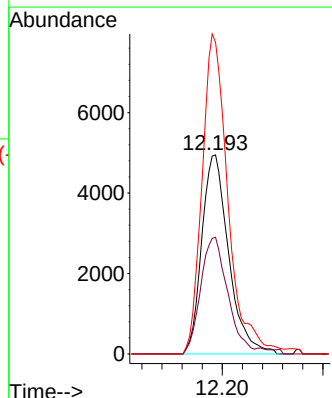
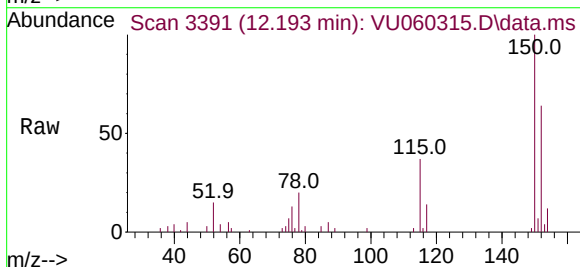
RT: 12.193 min Scan# 3391

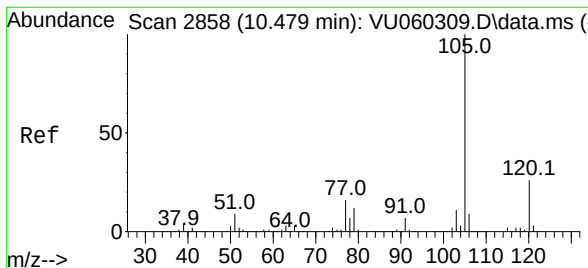
Delta R.T. 0.006 min

Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

Tgt Ion:	152	Resp:	9194
Ion Ratio	Lower	Upper	
152	100		
115	58.6	0.0	325.2
150	154.8	0.0	684.2





#69

Isopropylbenzene

Concen: 0.478 ug/l

RT: 10.489 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

Instrument :

MSVOA_U

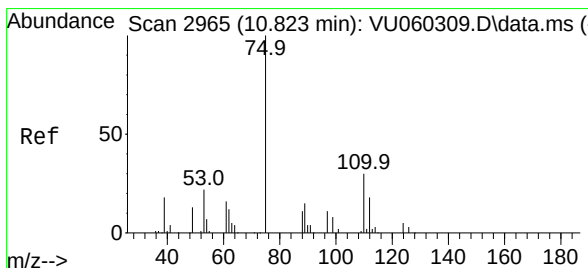
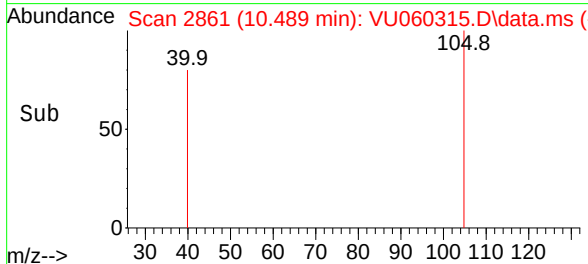
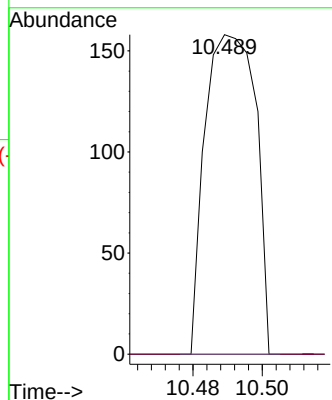
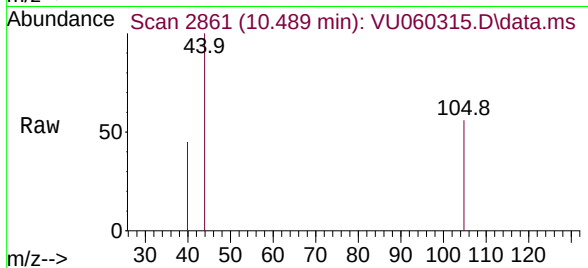
ClientSampleId :

Tgt Ion:105 Resp: 160

Ion Ratio Lower Upper

105 100

120 0.0 13.0 39.0#



#71

1,2,3-Trichloropropane

Concen: 0.463 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. -0.190 min

Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

Tgt Ion: 75 Resp: 3382

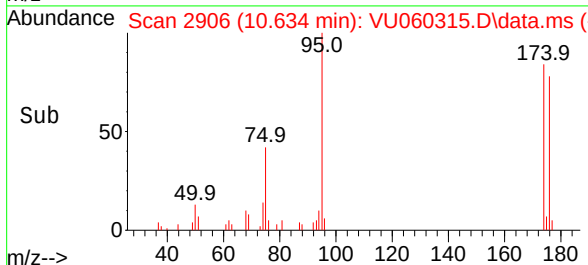
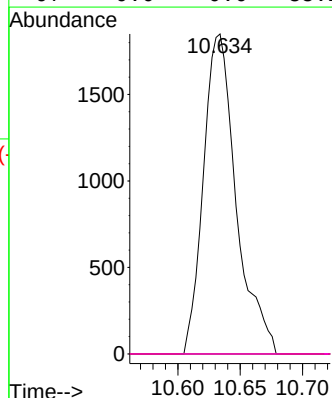
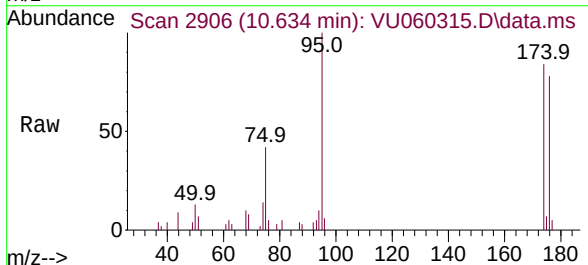
Ion Ratio Lower Upper

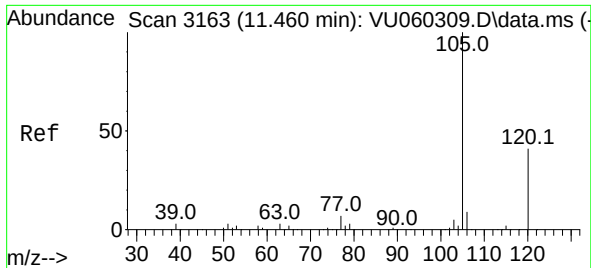
75 100

77 2.4 0.0 102.2

110 0.0 0.0 67.4

97 0.0 0.0 38.2





#78

1,2,4-Trimethylbenzene

Concen: 0.500 ug/l

RT: 11.483 min Scan# 3163

Delta R.T. 0.023 min

Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

Instrument :

MSVOA_U

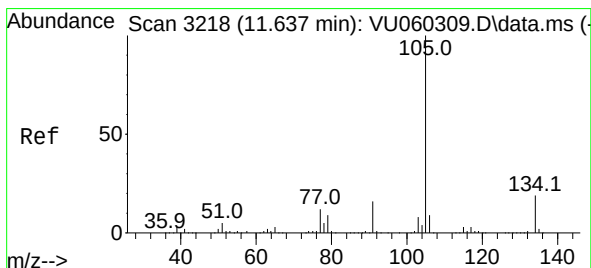
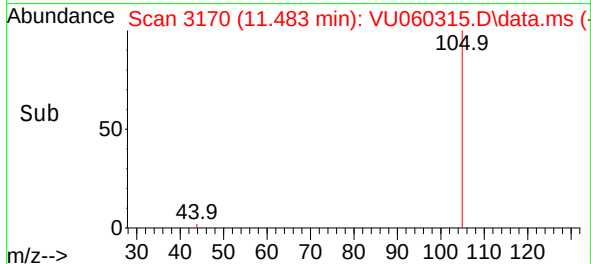
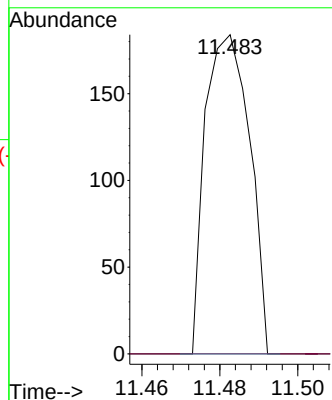
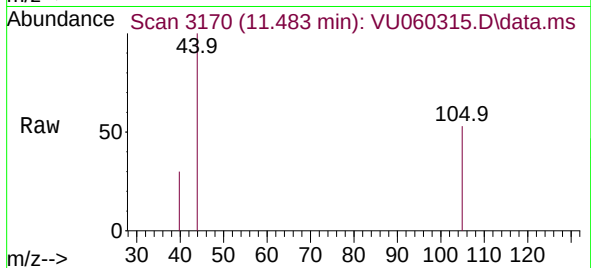
ClientSampleId :

Tgt Ion:105 Resp: 146

Ion Ratio Lower Upper

105 100

120 0.0 22.6 67.7#



#79

sec-Butylbenzene

Concen: 0.456 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. -0.000 min

Lab File: VU060315.D

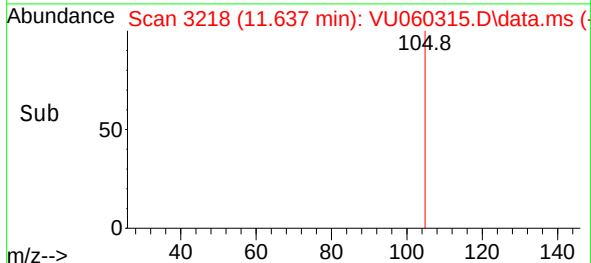
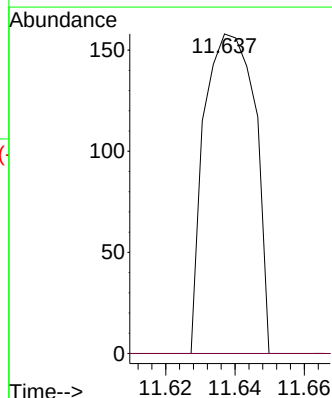
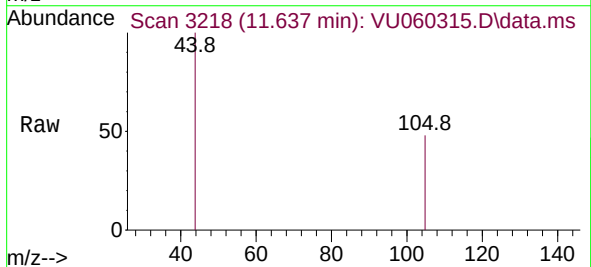
Acq: 06 Aug 2024 11:38

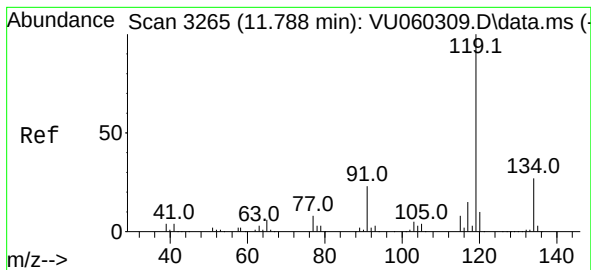
Tgt Ion:105 Resp: 160

Ion Ratio Lower Upper

105 100

134 0.0 15.5 23.3#





#81

p-Isopropyltoluene

Concen: 0.524 ug/l

RT: 11.794 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU060315.D

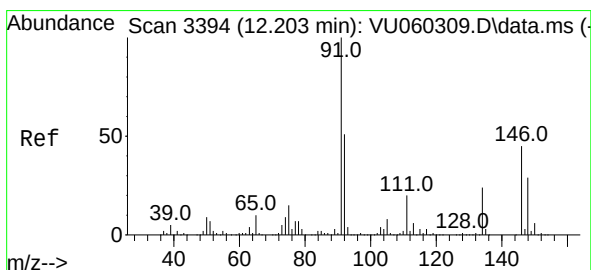
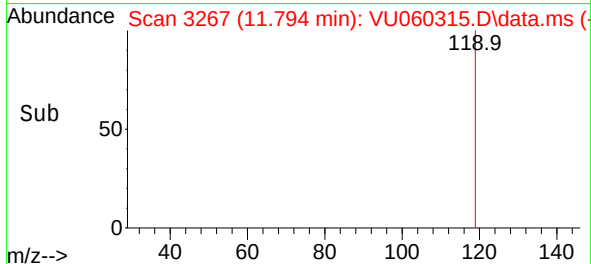
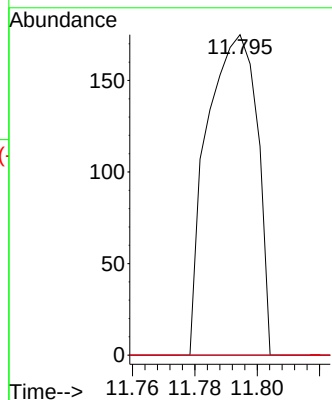
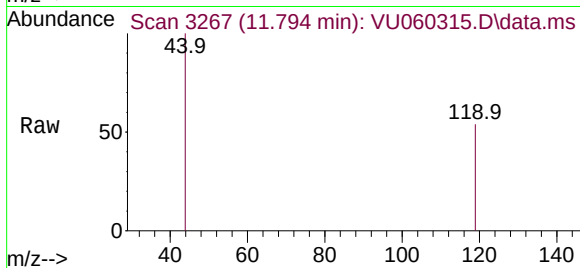
Acq: 06 Aug 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	195
Ion Ratio	Lower	Upper	
119	100		
134	0.0	21.2	31.8#
91	0.0	18.9	28.3#



#84

n-Butylbenzene

Concen: 0.514 ug/l

RT: 12.212 min Scan# 3397

Delta R.T. 0.009 min

Lab File: VU060315.D

Acq: 06 Aug 2024 11:38

Tgt Ion:	91	Resp:	154
Ion Ratio	Lower	Upper	
91	100		
92	0.0	41.0	61.6#
134	0.0	19.4	29.2#

