

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059153.D
 Acq On : 05 Jun 2024 17:14
 Operator : MD/SY
 Sample : VU0605WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 06 03:46:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 03:28:28 2024
 Response via : Initial Calibration

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

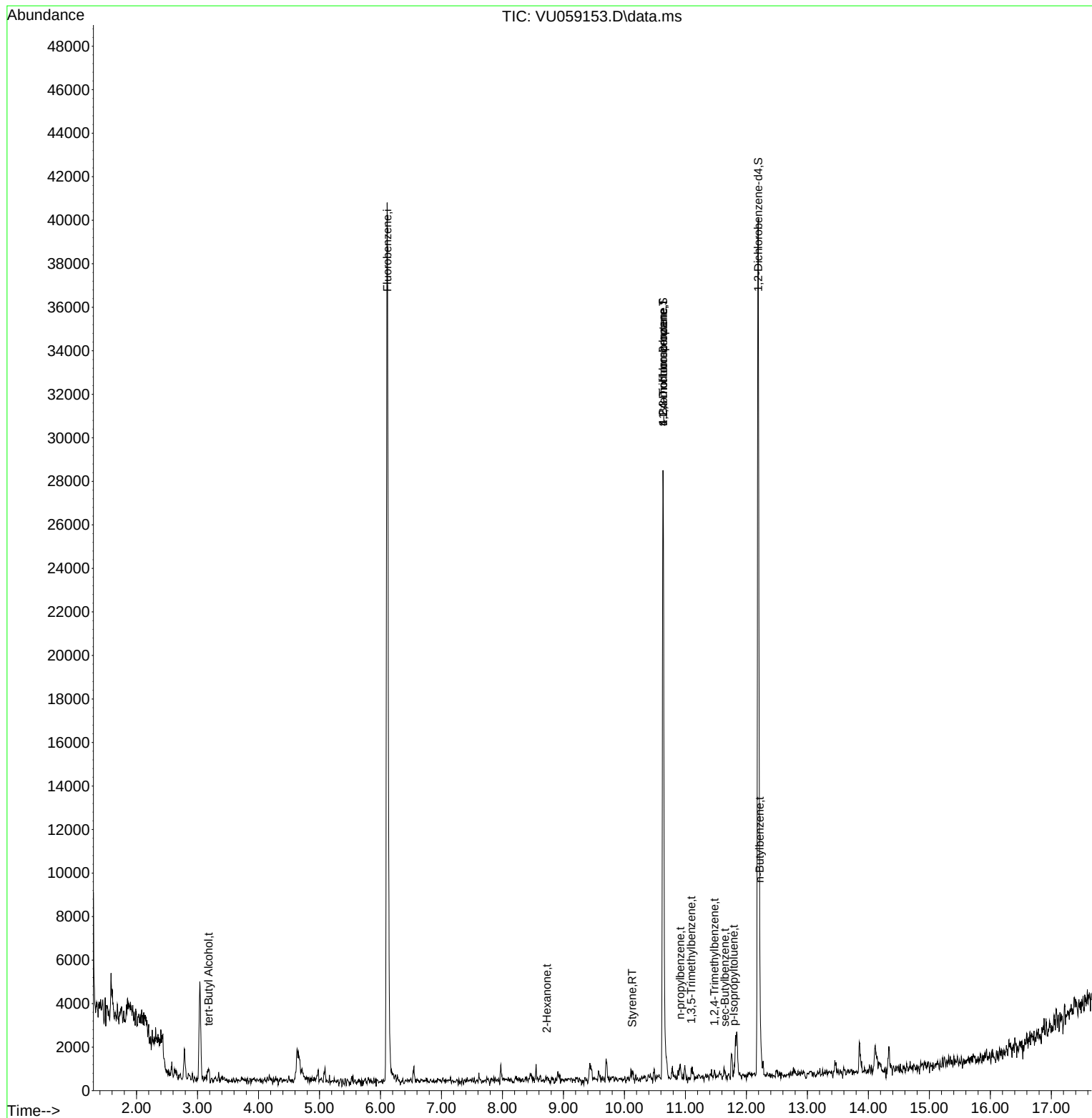
Internal Standards						
1) Fluorobenzene	6.113	96	39817	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	10999	0.812	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	11292	0.796	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
						Qvalue
24) tert-Butyl Alcohol	3.181	59	363	0.590	ug/l	# 89
46) t-1,4-Dichloro-2-butene	10.634	75	5889	2.199	ug/l	# 17
54) 2-Hexanone	8.730	43	157	2.177	ug/l	# 30
66) Styrene	10.126	104	156	0.402	ug/l	# 33
71) 1,2,3-Trichloropropane	10.634	75	5889	0.706	ug/l	# 46
73) n-propylbenzene	10.917	120	20	0.374	ug/l	# 1
75) 1,3,5-Trimethylbenzene	11.097	105	229	0.405	ug/l	# 62
78) 1,2,4-Trimethylbenzene	11.476	105	350	0.425	ug/l	# 32
79) sec-Butylbenzene	11.650	105	563	0.374	ug/l	# 59
81) p-Isopropyltoluene	11.794	119	340	0.451	ug/l	# 51
84) n-Butylbenzene	12.219	91	831	0.489	ug/l	# 66

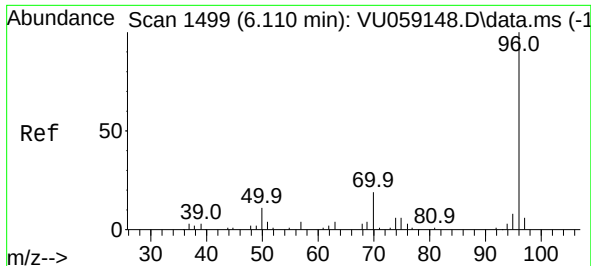
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

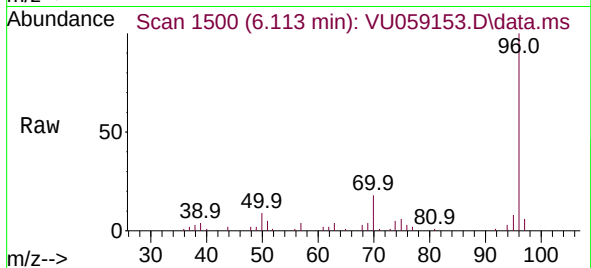
Quant Time: Jun 06 03:46:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 03:28:28 2024
Response via : Initial Calibration



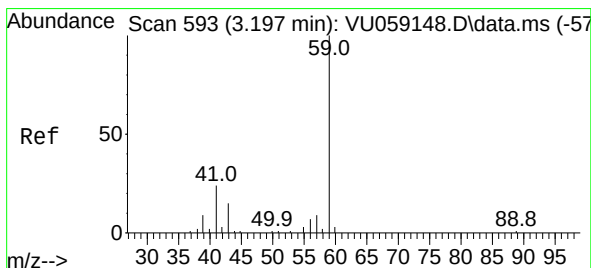
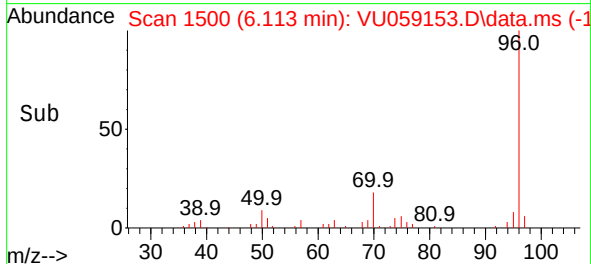
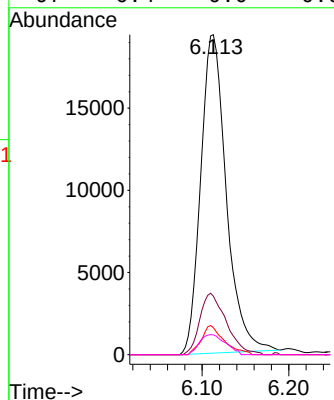


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU059153.D
Acq: 05 Jun 2024 17:14

Instrument :
MSVOA_U
ClientSampleId :

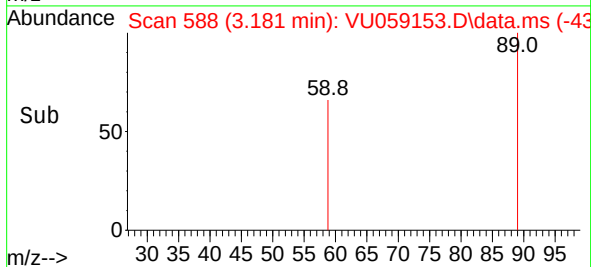
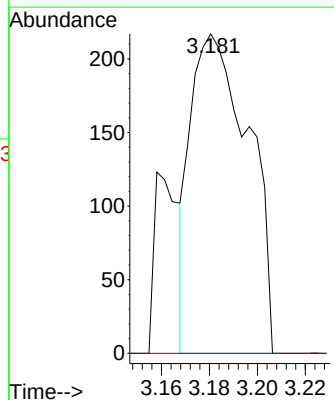
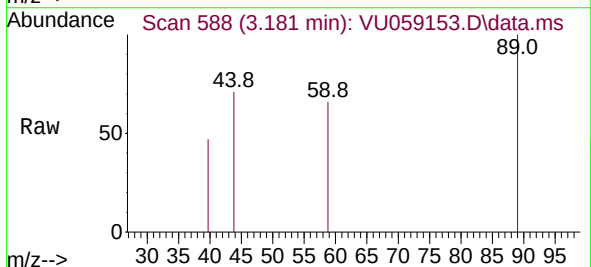


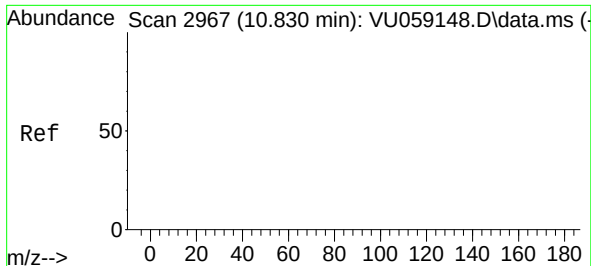
Tgt Ion: 96	Resp: 39817
Ion Ratio	Lower Upper
96 100	
70 20.0	16.6 24.8
95 8.1	7.1 10.7
97 6.4	0.0 0.0#



#24
tert-Butyl Alcohol
Concen: 0.590 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.016 min
Lab File: VU059153.D
Acq: 05 Jun 2024 17:14

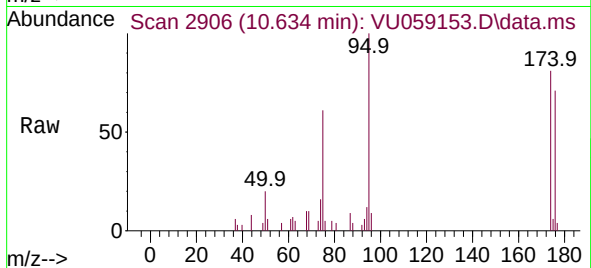
Tgt Ion: 59	Resp: 363
Ion Ratio	Lower Upper
59 100	
57 0.0	2.9 4.3#





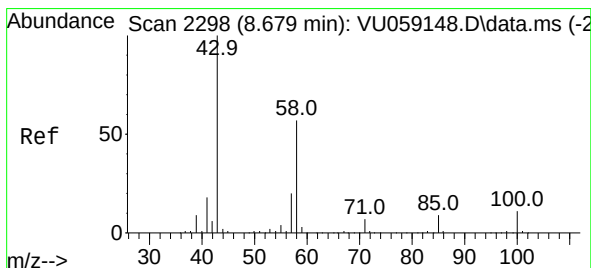
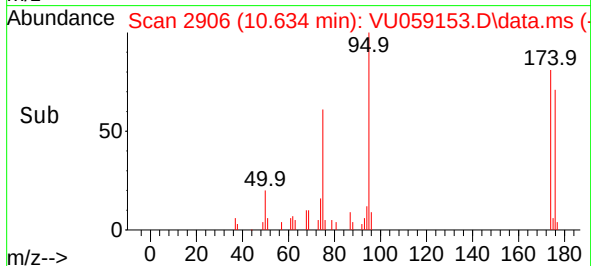
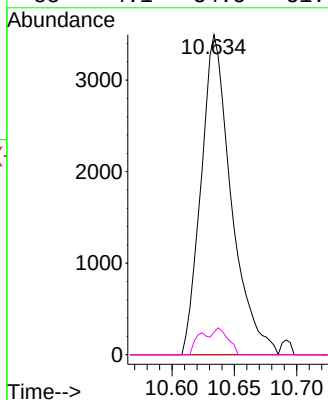
#46
t-1,4-Dichloro-2-butene
Concen: 2.199 ug/l
RT: 10.634 min Scan# 2314
Delta R.T. -0.196 min
Lab File: VU059153.D
Acq: 05 Jun 2024 17:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5889

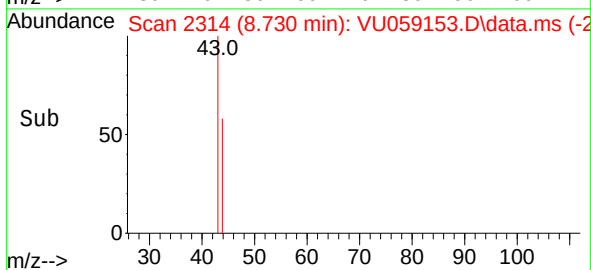
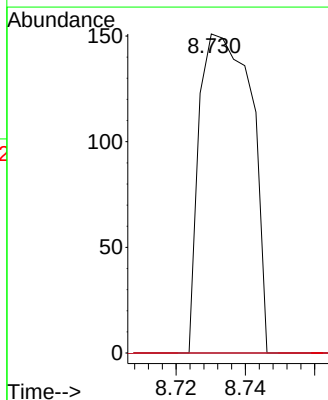
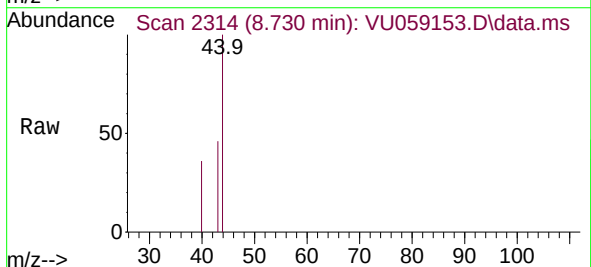
Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.2	108.4#
89	0.0	47.0	70.4#
88	4.1	34.5	51.7#

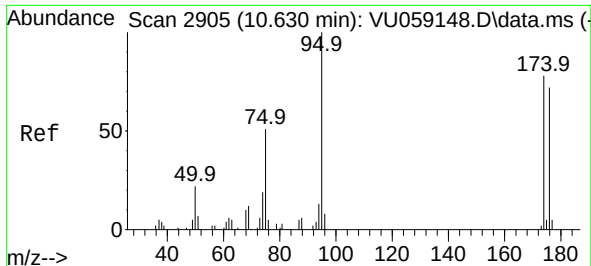


#54
2-Hexanone
Concen: 2.177 ug/l
RT: 8.730 min Scan# 2314
Delta R.T. 0.051 min
Lab File: VU059153.D
Acq: 05 Jun 2024 17:14

Tgt Ion: 43 Resp: 157

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	78.6#
57	0.0	0.0	39.5





#57

4-Bromofluorobenzene

Concen: 0.812 ug/l

RT: 10.634 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU059153.D

Acq: 05 Jun 2024 17:14

Instrument :

MSVOA_U

ClientSampleId :

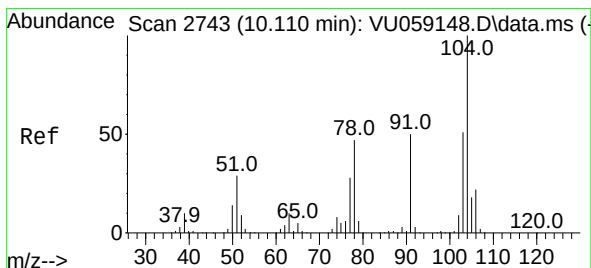
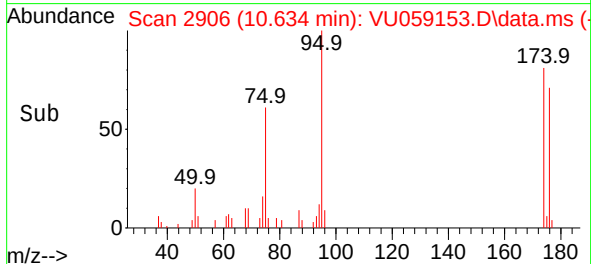
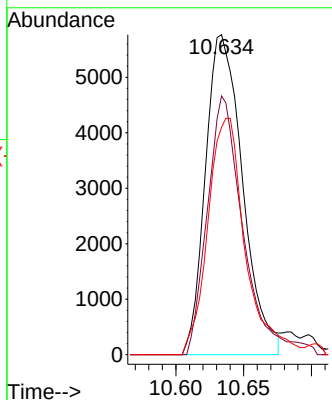
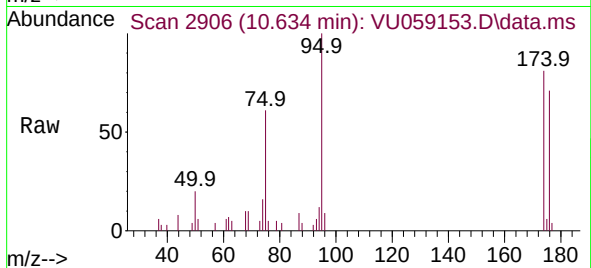
Tgt Ion: 95 Resp: 10999

Ion Ratio Lower Upper

95 100

174 78.3 59.6 89.4

176 74.2 57.3 85.9



#66

Styrene

Concen: 0.402 ug/l

RT: 10.126 min Scan# 2748

Delta R.T. 0.016 min

Lab File: VU059153.D

Acq: 05 Jun 2024 17:14

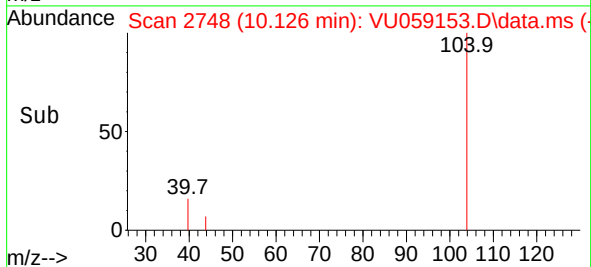
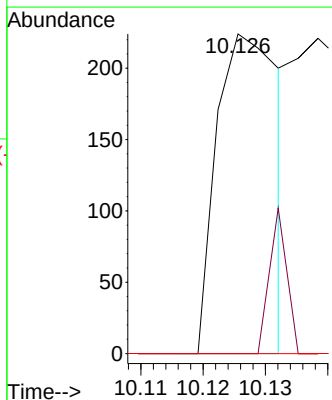
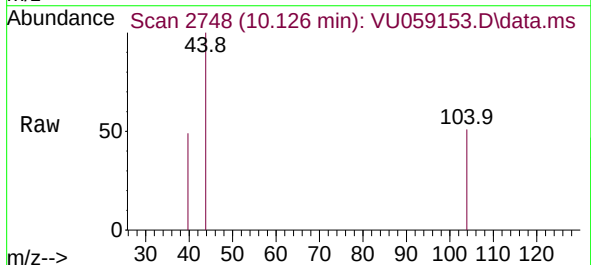
Tgt Ion:104 Resp: 156

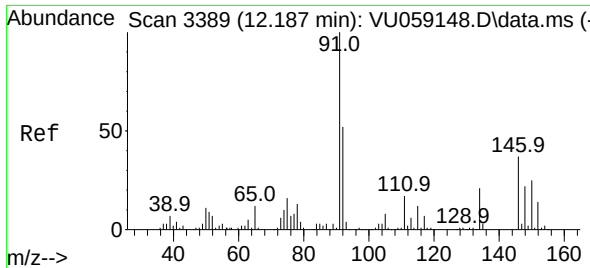
Ion Ratio Lower Upper

104 100

78 12.8 41.6 62.4#

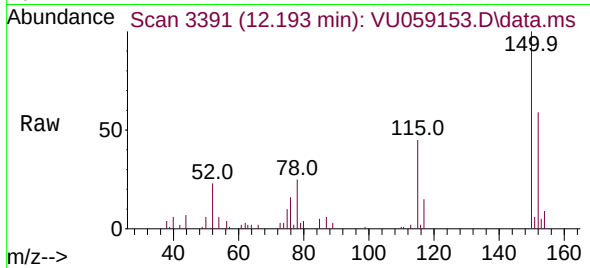
103 0.0 44.6 66.8#



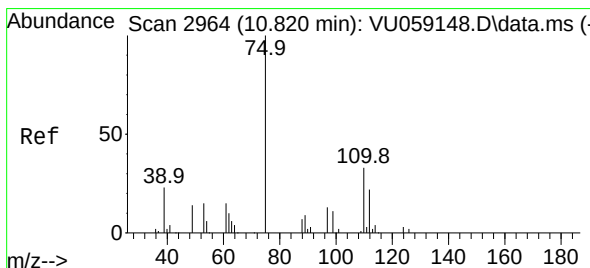
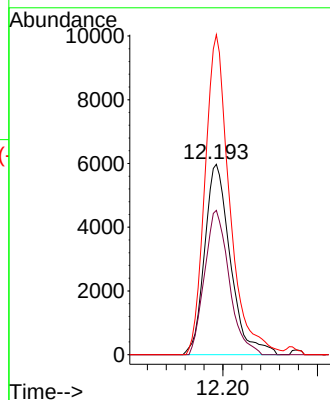
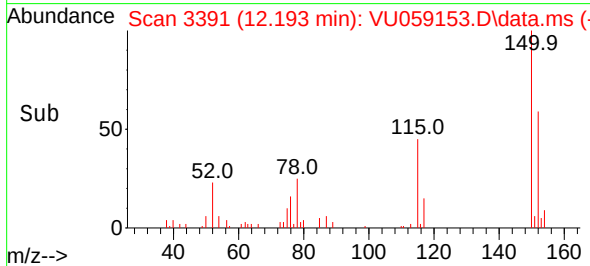


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.796 ug/l
 RT: 12.193 min Scan# 3389
 Delta R.T. 0.006 min
 Lab File: VU059153.D
 Acq: 05 Jun 2024 17:14

Instrument :
 MSVOA_U
 ClientSampleId :

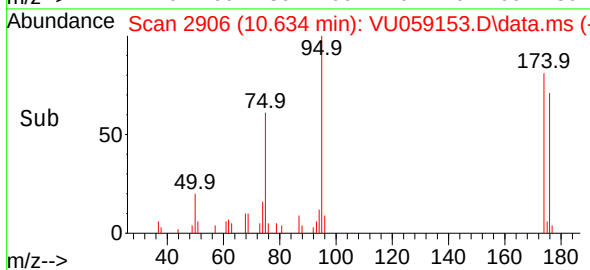
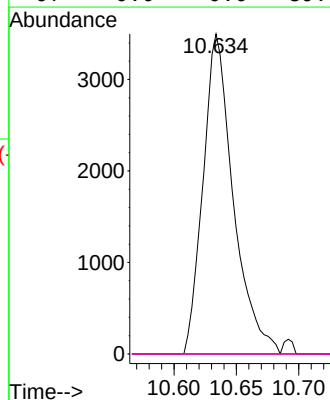
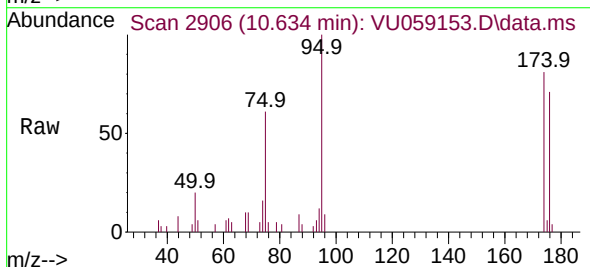


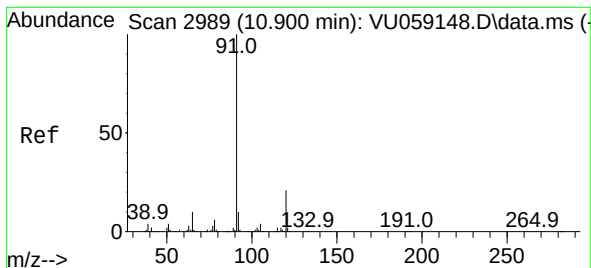
Tgt Ion:152 Resp: 11292
 Ion Ratio Lower Upper
 152 100
 115 72.4 0.0 293.2
 150 161.1 0.0 636.0



#71
 1,2,3-Trichloropropane
 Concen: 0.706 ug/l
 RT: 10.634 min Scan# 2906
 Delta R.T. -0.187 min
 Lab File: VU059153.D
 Acq: 05 Jun 2024 17:14

Tgt Ion: 75 Resp: 5889
 Ion Ratio Lower Upper
 75 100
 77 5.3 0.0 0.0#
 110 0.0 0.0 68.4
 97 0.0 0.0 39.6





#73

n-propylbenzene

Concen: 0.374 ug/l

RT: 10.917 min Scan# 20

Delta R.T. 0.016 min

Lab File: VU059153.D

Acq: 05 Jun 2024 17:14

Instrument :

MSVOA_U

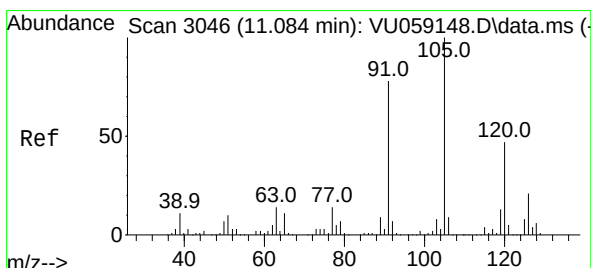
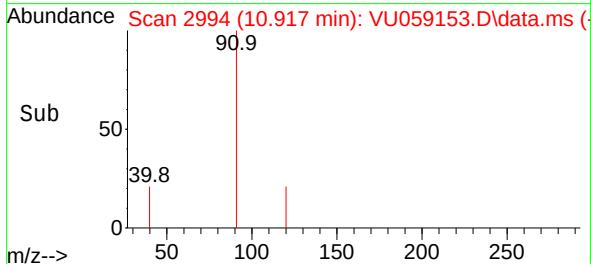
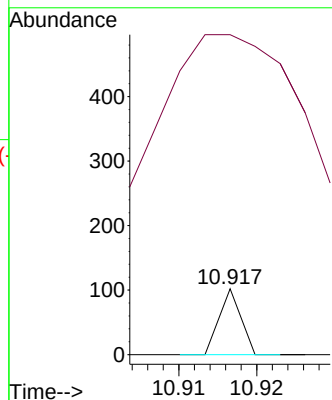
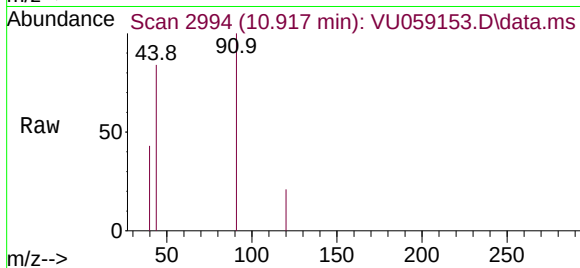
ClientSampleId :

Tgt Ion:120 Resp: 20

Ion Ratio Lower Upper

120 100

91 4570.0 378.6 567.8#



#75

1,3,5-Trimethylbenzene

Concen: 0.405 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.013 min

Lab File: VU059153.D

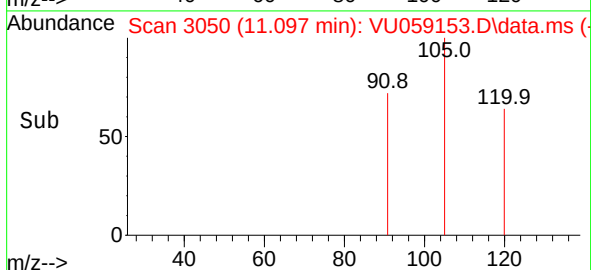
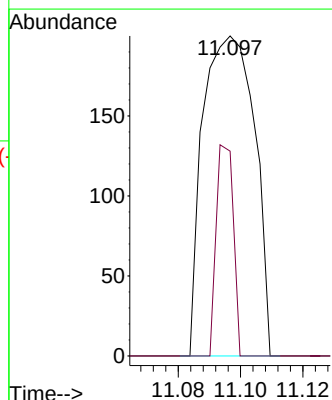
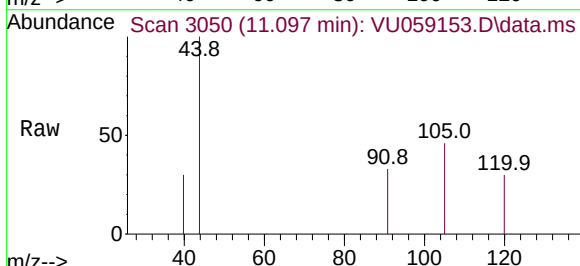
Acq: 05 Jun 2024 17:14

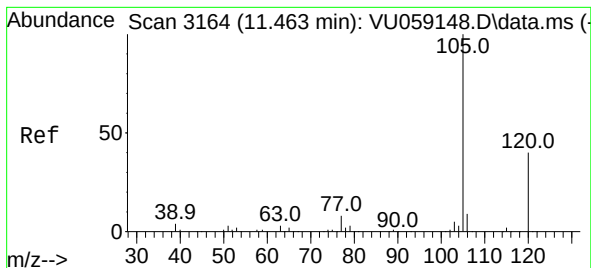
Tgt Ion:105 Resp: 229

Ion Ratio Lower Upper

105 100

120 21.8 37.5 56.3#





#78

1,2,4-Trimethylbenzene

Concen: 0.425 ug/l

RT: 11.476 min Scan# 3164

Delta R.T. 0.013 min

Lab File: VU059153.D

Acq: 05 Jun 2024 17:14

Instrument :

MSVOA_U

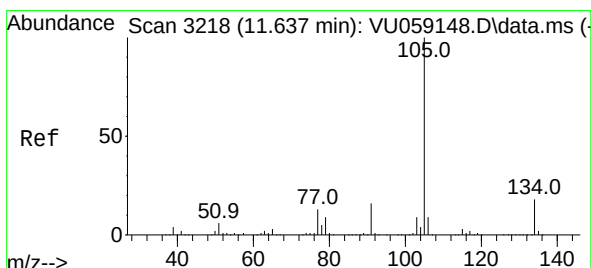
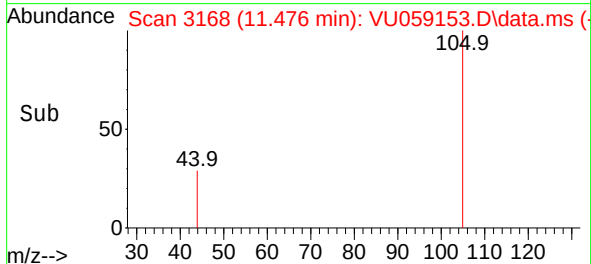
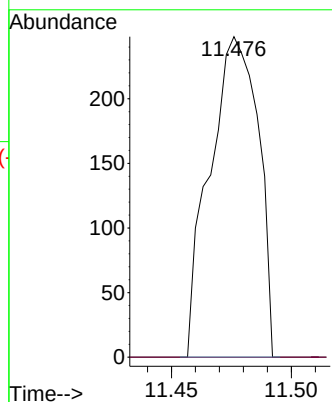
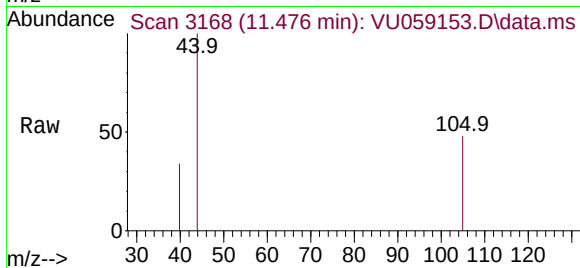
ClientSampleId :

Tgt Ion:105 Resp: 350

Ion Ratio Lower Upper

105 100

120 0.0 21.7 65.1#



#79

sec-Butylbenzene

Concen: 0.374 ug/l

RT: 11.650 min Scan# 3222

Delta R.T. 0.013 min

Lab File: VU059153.D

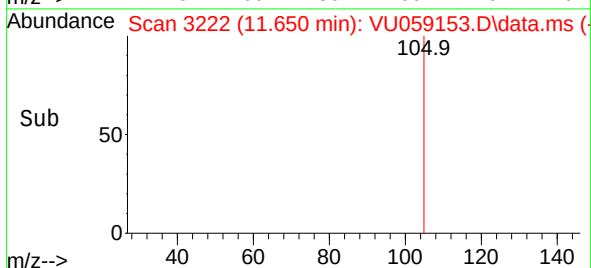
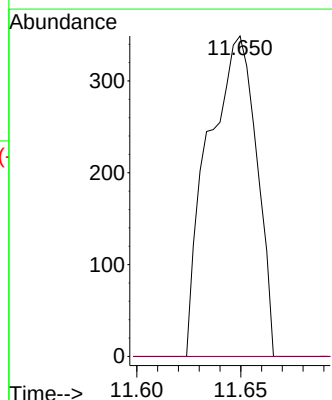
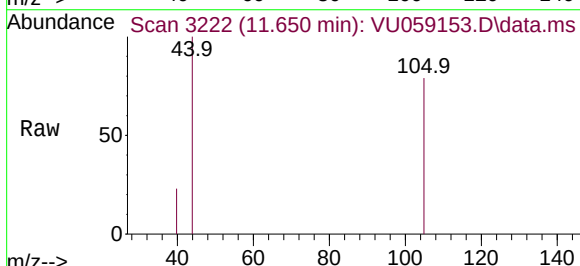
Acq: 05 Jun 2024 17:14

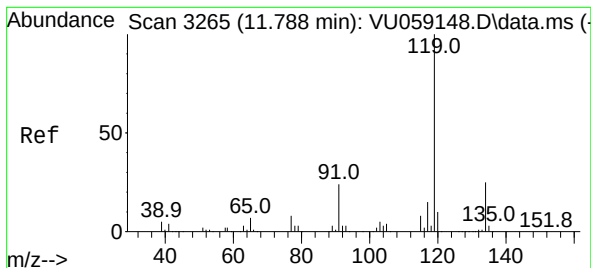
Tgt Ion:105 Resp: 563

Ion Ratio Lower Upper

105 100

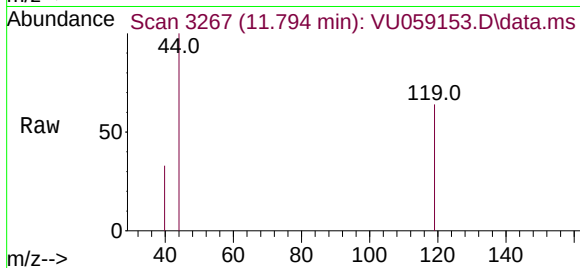
134 0.0 14.5 21.7#



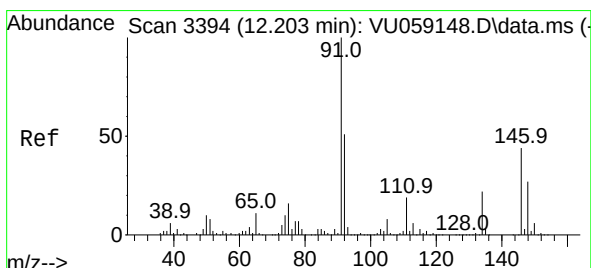
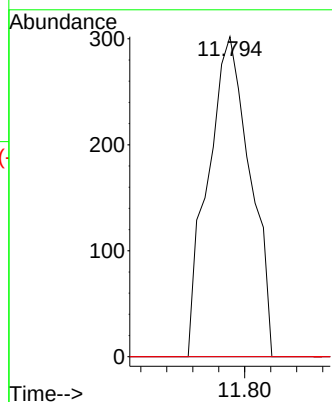
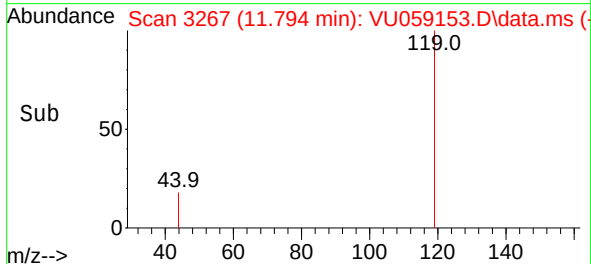


#81
p-Isopropyltoluene
Concen: 0.451 ug/l
RT: 11.794 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU059153.D
Acq: 05 Jun 2024 17:14

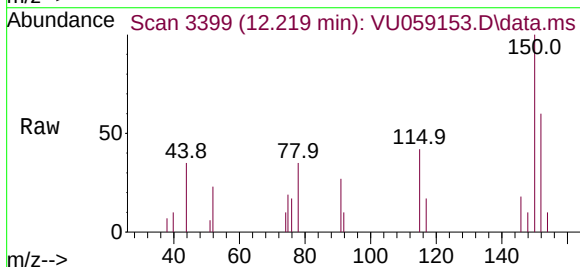
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:119 Resp: 340
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.4#
91 0.0 19.3 28.9#



#84
n-Butylbenzene
Concen: 0.489 ug/l
RT: 12.219 min Scan# 3399
Delta R.T. 0.016 min
Lab File: VU059153.D
Acq: 05 Jun 2024 17:14



Tgt Ion: 91 Resp: 831
Ion Ratio Lower Upper
91 100
92 30.0 40.7 61.1#
134 2.3 17.6 26.4#

