

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051438.D
 Acq On : 18 Oct 2022 13:17
 Operator : JC/MD
 Sample : VU1018WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1018WBL01

Quant Time: Oct 19 02:47:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

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

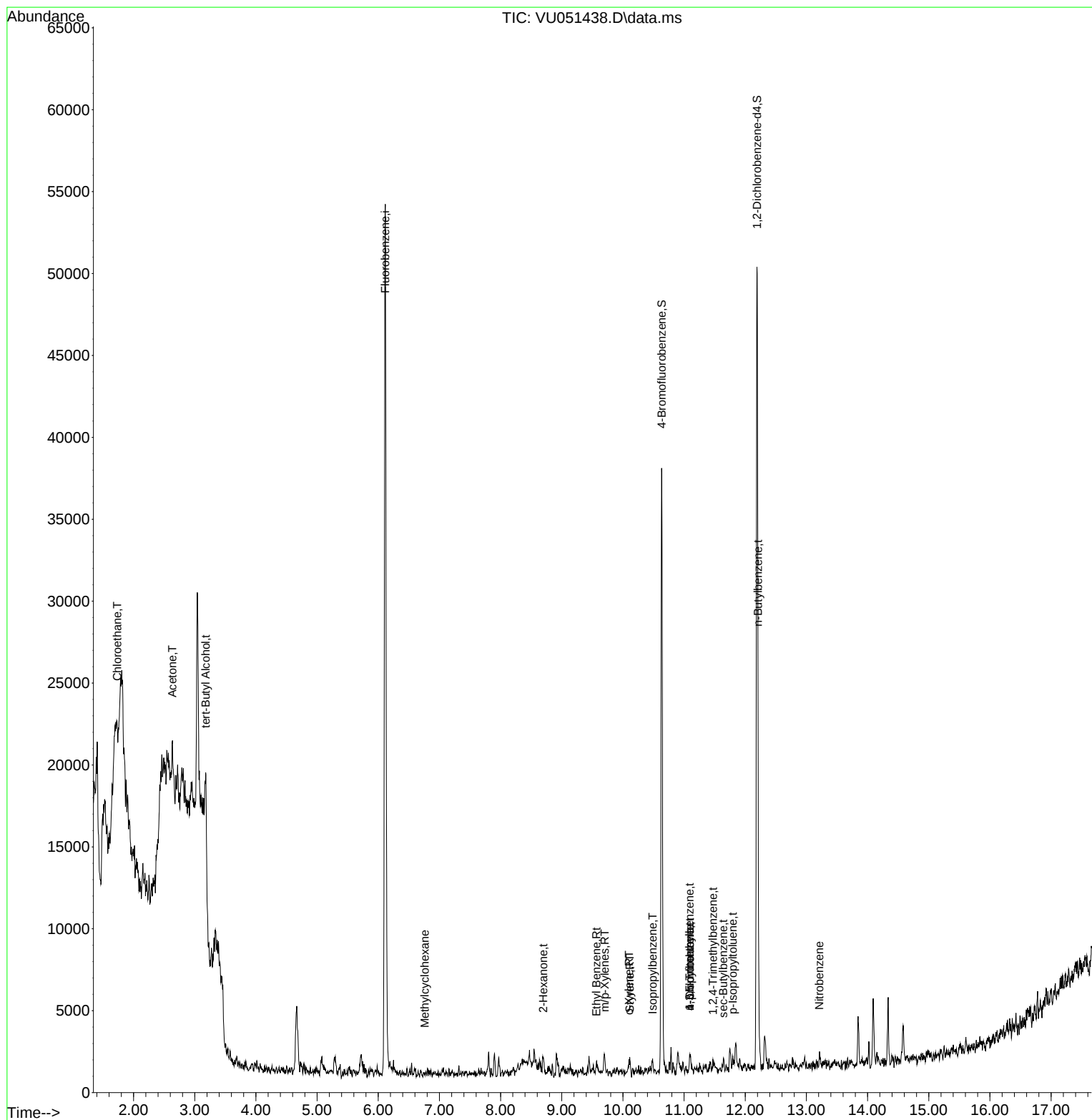
Internal Standards						
1) Fluorobenzene	6.115	96	49002	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	13258	0.771	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	13822	0.720	ug/l	0.00
Spiked Amount 1.000			Recovery	=	72.000%	
Target Compounds						Qvalue
6) Chloroethane	1.732	64	28085	2.111	ug/l	# 54
13) Acetone	2.632	43	2452	0.770	ug/l	96
15) Methylene Chloride	3.041	84	6171	Below Cal		92
20) Methylcyclohexane	6.761	83	70	0.622	ug/l	# 18
24) tert-Butyl Alcohol	3.179	59	900	0.654	ug/l	# 73
54) 2-Hexanone	8.697	43	936	2.688	ug/l	# 35
63) Ethyl Benzene	9.568	91	701	0.580	ug/l	# 44
64) m/p-Xylenes	9.703	106	496	1.057	ug/l	91
65) o-Xylene	10.098	106	64	0.482	ug/l	# 1
66) Styrene	10.111	104	303	0.548	ug/l	# 72
69) Isopropylbenzene	10.484	105	491	0.567	ug/l	89
73) n-propylbenzene	11.092	120	69	0.586	ug/l	# 1
75) 1,3,5-Trimethylbenzene	11.089	105	474	0.541	ug/l	# 51
76) 4-Chlorotoluene	11.092	126	181	0.394	ug/l	71
78) 1,2,4-Trimethylbenzene	11.471	105	612	0.565	ug/l	# 58
79) sec-Butylbenzene	11.639	105	666	0.512	ug/l	# 89
80) Nitrobenzene	13.211	77	468	0.534	ug/l	# 74
81) p-Isopropyltoluene	11.793	119	535	0.592	ug/l	# 69
84) n-Butylbenzene	12.208	91	938	0.594	ug/l	# 87

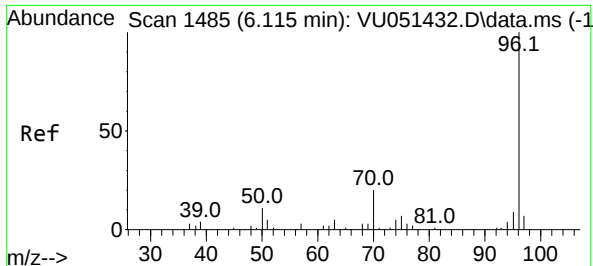
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Oct 19 02:47:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:53:19 2022
Response via : Initial Calibration

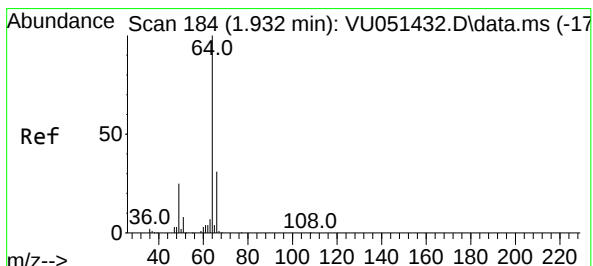
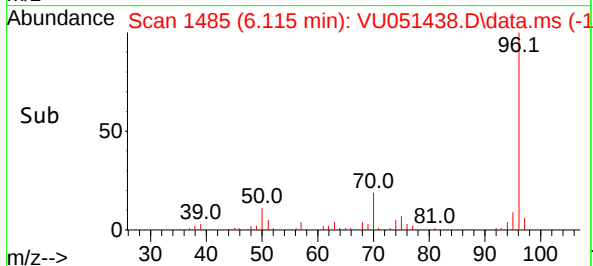
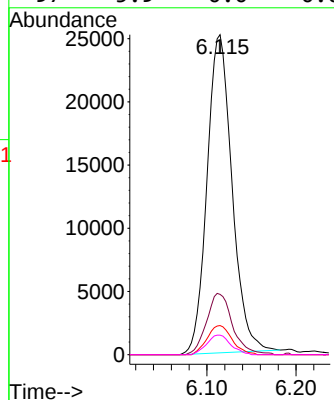
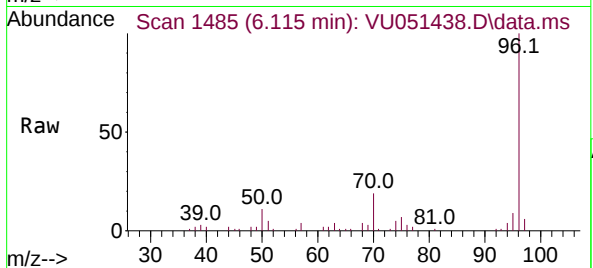




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

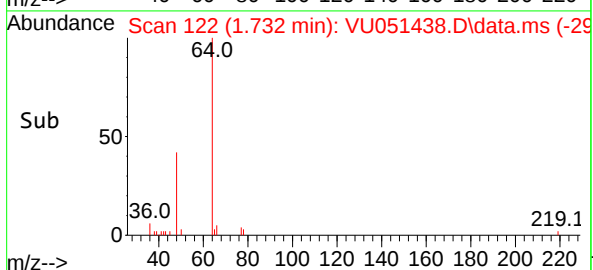
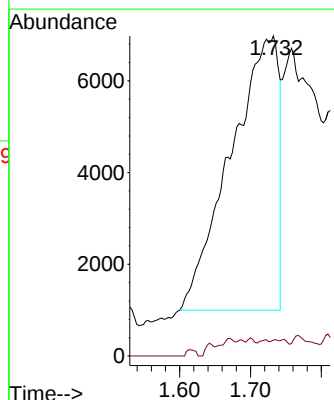
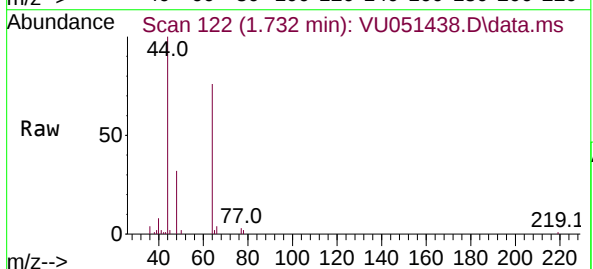
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBL01

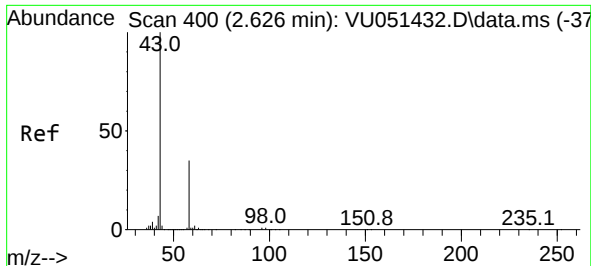
Tgt Ion: 96	Resp: 49002
Ion Ratio	Lower Upper
96 100	
70 20.0	16.7 25.1
95 9.1	7.5 11.3
97 5.9	0.0 0.0#



#6
Chloroethane
Concen: 2.111 ug/l
RT: 1.732 min Scan# 122
Delta R.T. -0.200 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

Tgt Ion: 64	Resp: 28085
Ion Ratio	Lower Upper
64 100	
66 5.8	25.2 37.8#

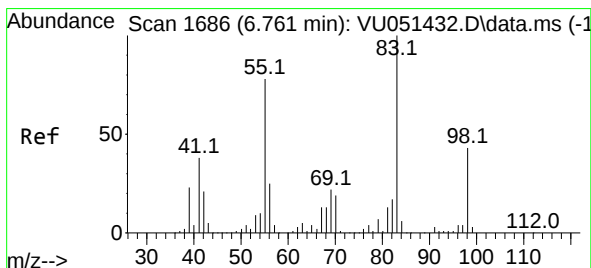
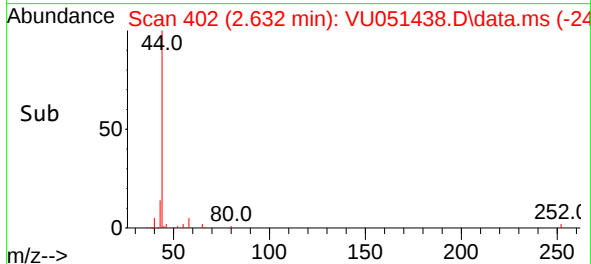
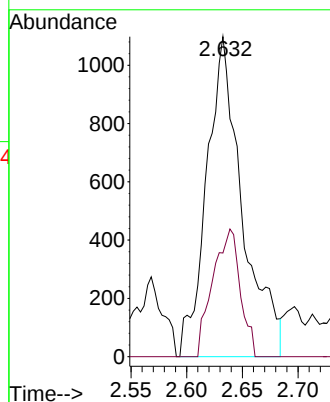
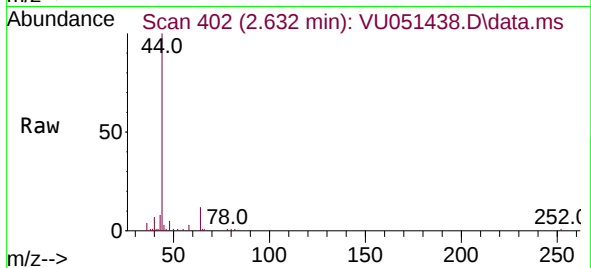




#13
Acetone
Concen: 0.770 ug/l
RT: 2.632 min Scan# 40
Delta R.T. 0.006 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

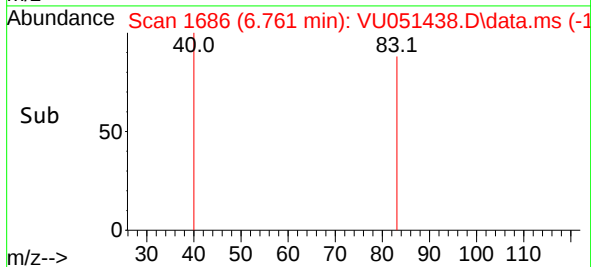
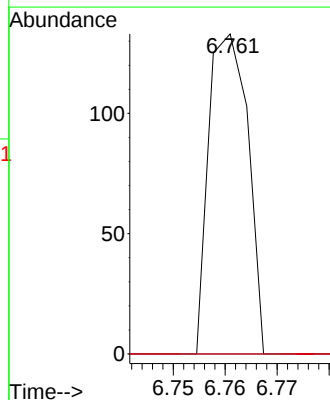
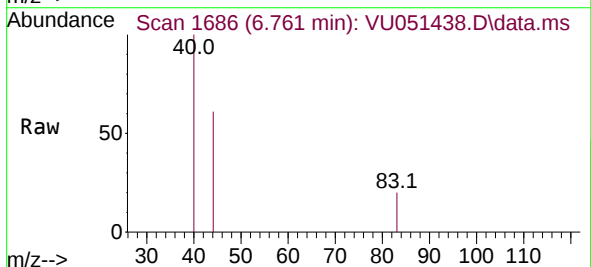
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBL01

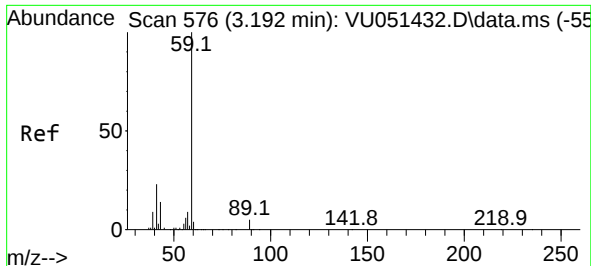
Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
58 32.4 27.9 41.9



#20
Methylcyclohexane
Concen: 0.622 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

Tgt Ion: 83 Resp: 70
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.0 35.5 53.3#

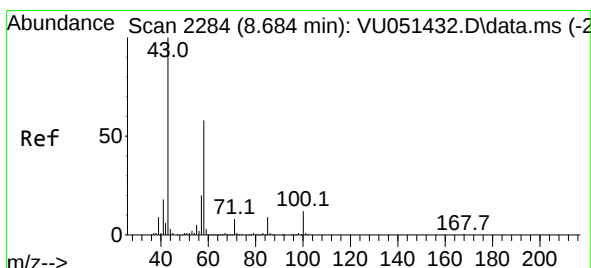
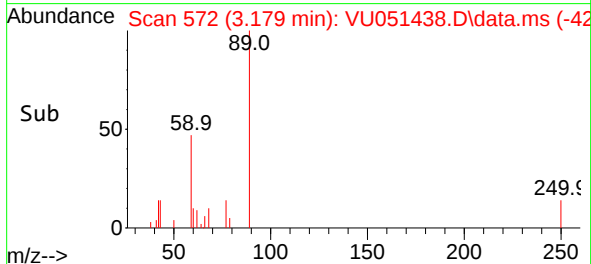
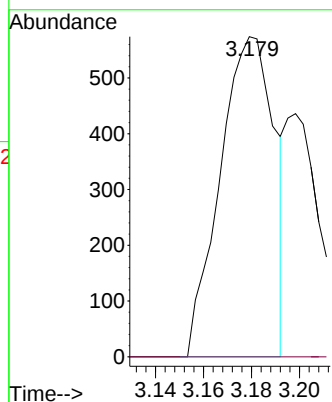
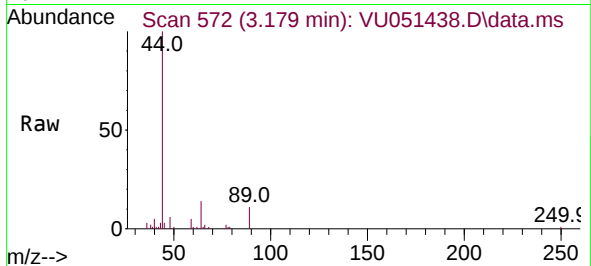




#24
tert-Butyl Alcohol
Concen: 0.654 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

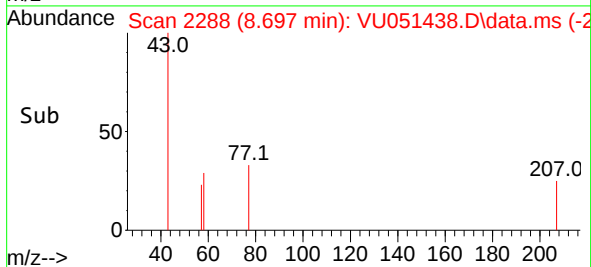
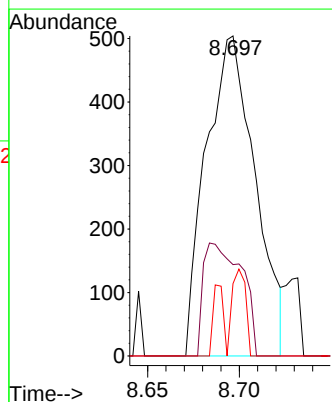
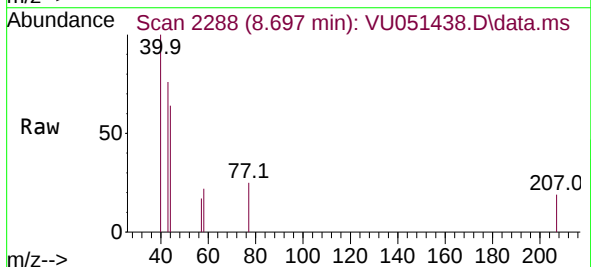
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBL01

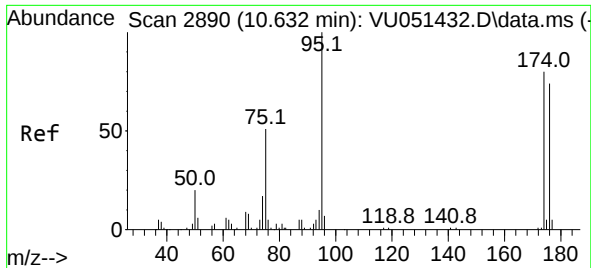
Tgt Ion: 59 Resp: 900
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#54
2-Hexanone
Concen: 2.688 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.013 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 0.0 38.0 78.0#
57 7.6 0.0 39.9

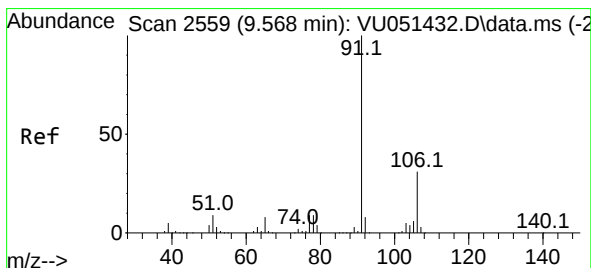
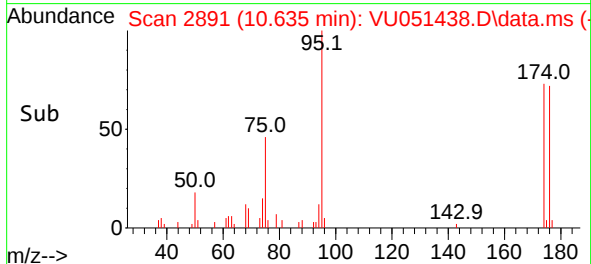
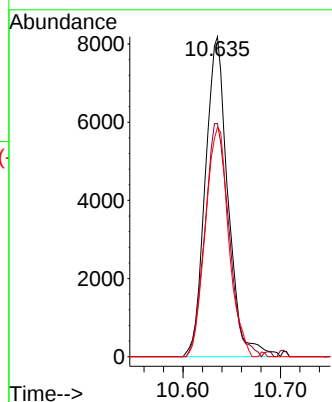
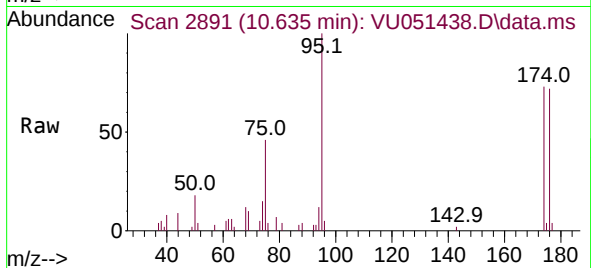




#57
4-Bromofluorobenzene
Concen: 0.771 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

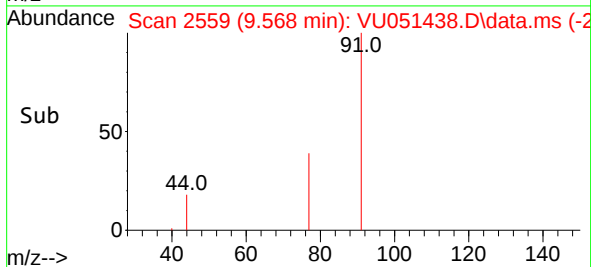
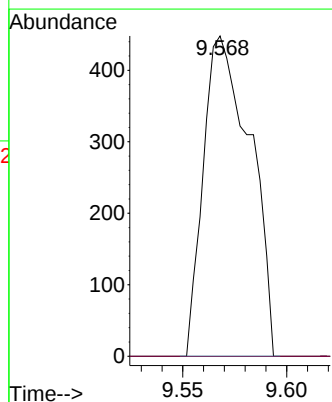
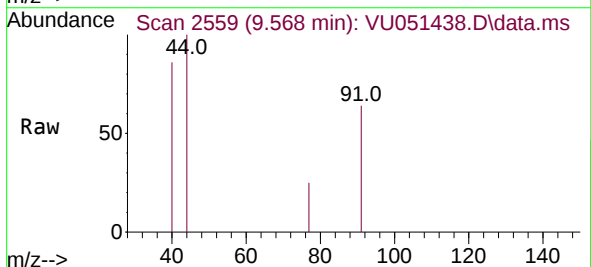
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBL01

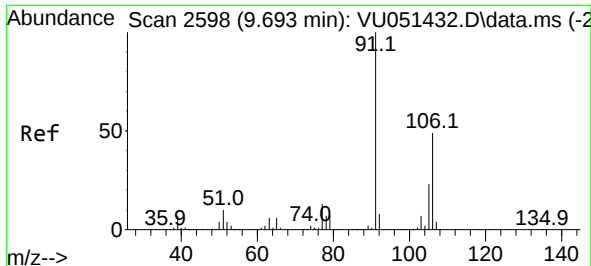
Tgt Ion: 95 Resp: 13258
Ion Ratio Lower Upper
95 100
174 77.0 63.0 94.6
176 73.6 59.8 89.6



#63
Ethyl Benzene
Concen: 0.580 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

Tgt Ion: 91 Resp: 701
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#

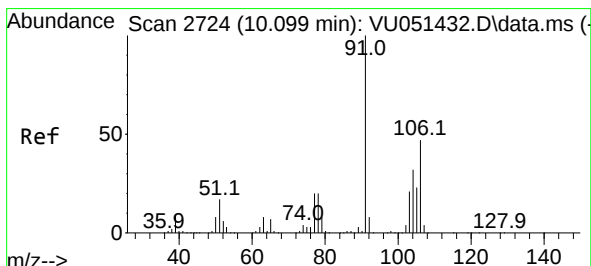
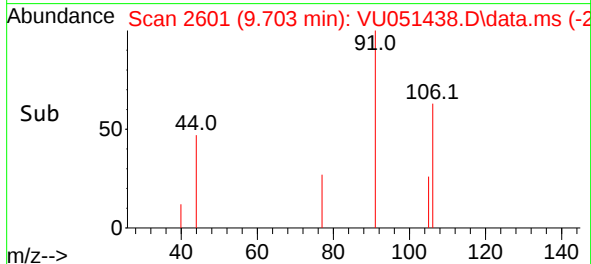
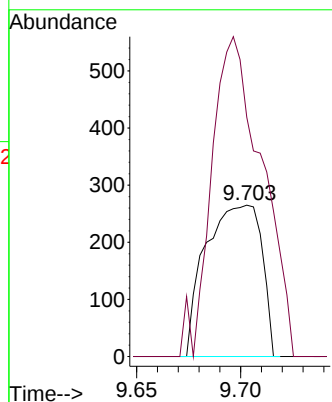
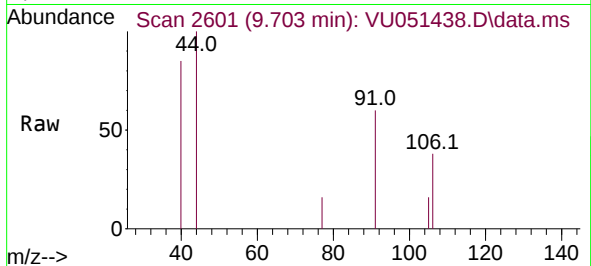




#64
m/p-Xylenes
Concen: 1.057 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

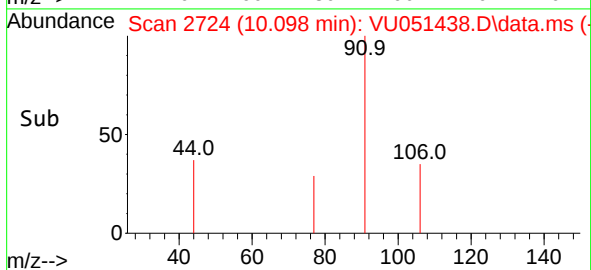
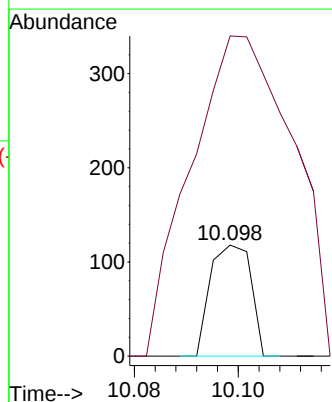
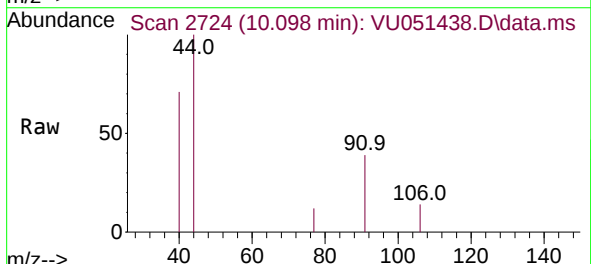
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBL01

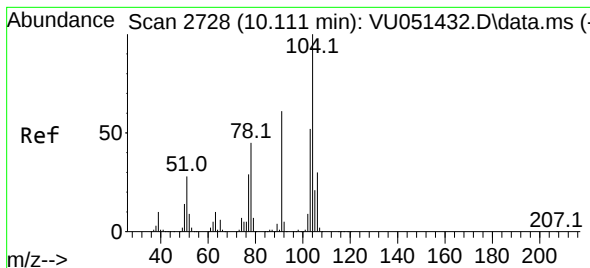
Tgt Ion:106 Resp: 496
Ion Ratio Lower Upper
106 100
91 190.5 163.2 244.8



#65
o-Xylene
Concen: 0.482 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.001 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

Tgt Ion:106 Resp: 64
Ion Ratio Lower Upper
106 100
91 728.1 107.1 321.3#





#66

Styrene

Concen: 0.548 ug/l

RT: 10.111 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051438.D

Acq: 18 Oct 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBL01

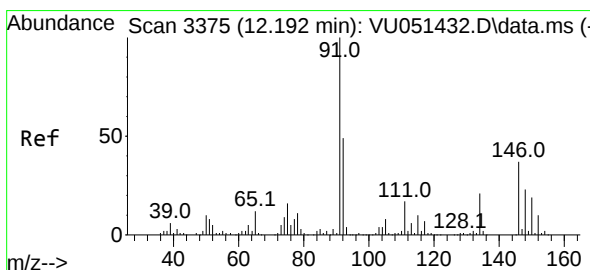
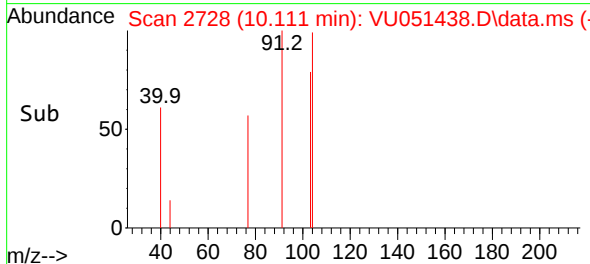
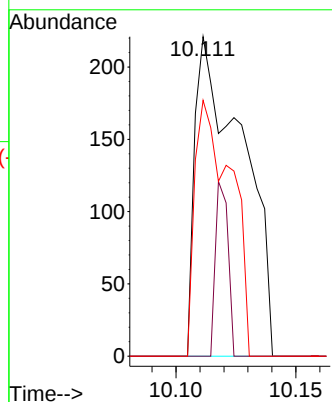
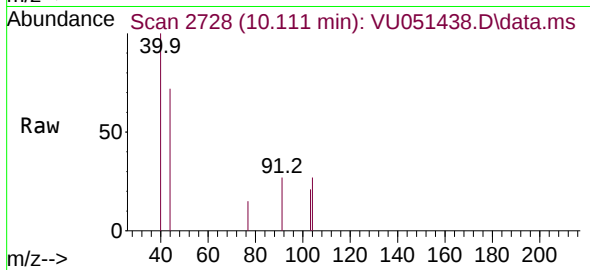
Tgt Ion:104 Resp: 303

Ion Ratio Lower Upper

104 100

78 14.5 39.7 59.5#

103 61.1 44.4 66.6



#68

1,2-Dichlorobenzene-d4

Concen: 0.720 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.003 min

Lab File: VU051438.D

Acq: 18 Oct 2022 13:17

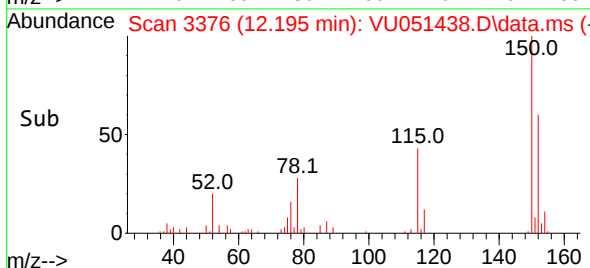
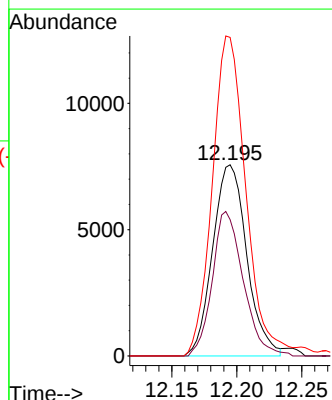
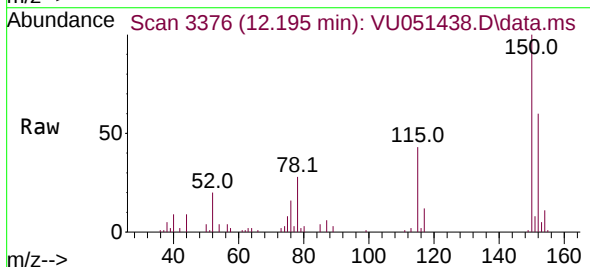
Tgt Ion:152 Resp: 13822

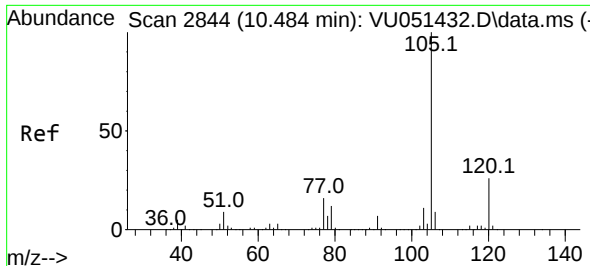
Ion Ratio Lower Upper

152 100

115 68.6 0.0 333.0

150 166.2 0.0 662.0

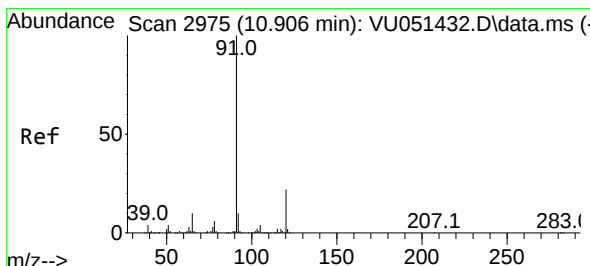
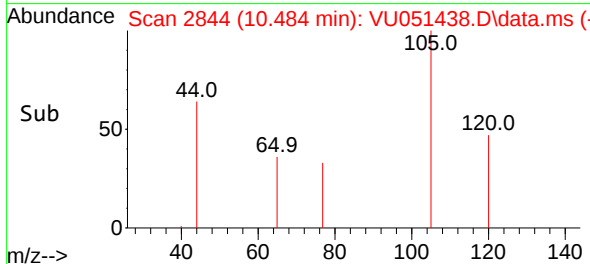
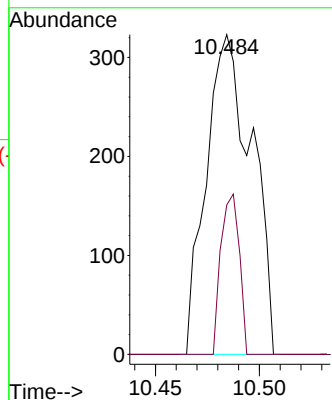
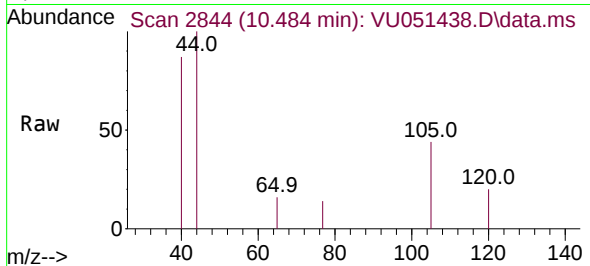




#69
Isopropylbenzene
Concen: 0.567 ug/l
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

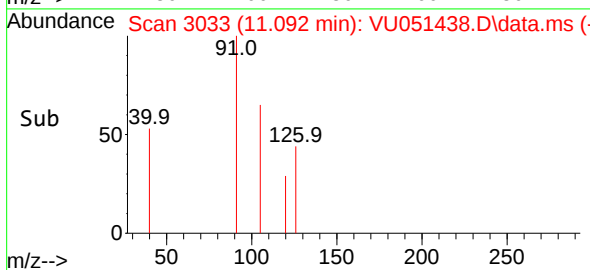
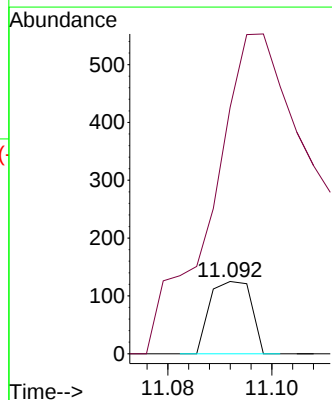
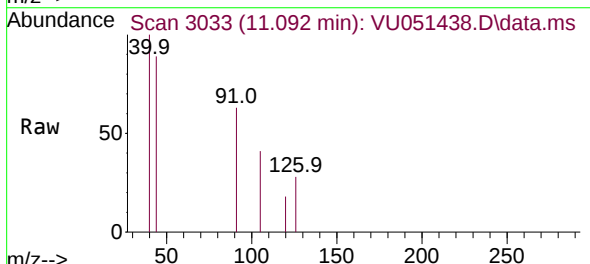
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBL01

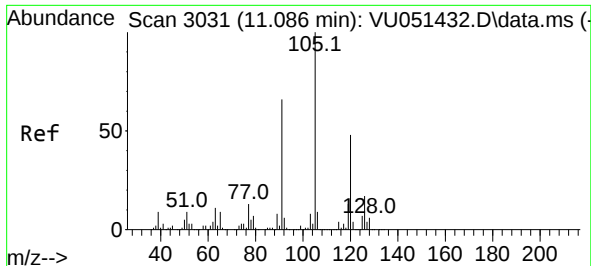
Tgt Ion:105 Resp: 491
Ion Ratio Lower Upper
105 100
120 20.4 13.0 39.0



#73
n-propylbenzene
Concen: 0.586 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.186 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

Tgt Ion:120 Resp: 69
Ion Ratio Lower Upper
120 100
91 1108.7 362.3 543.5#

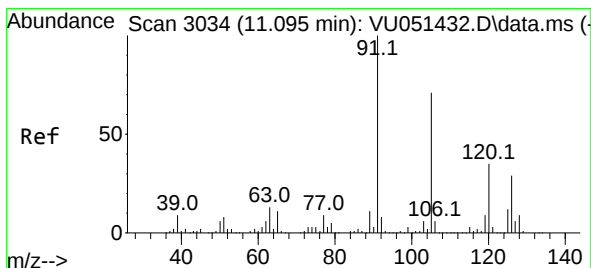
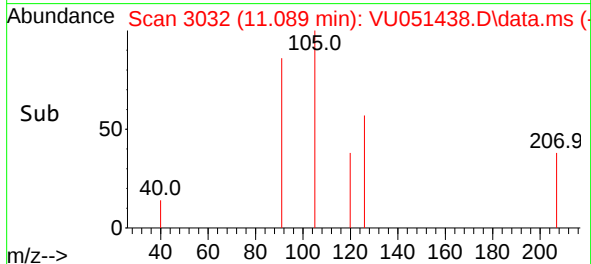
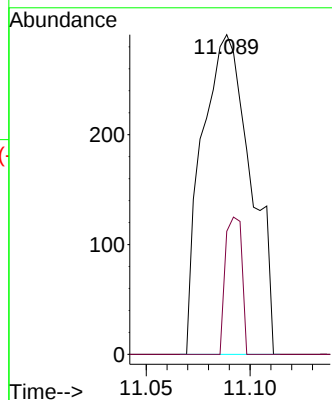
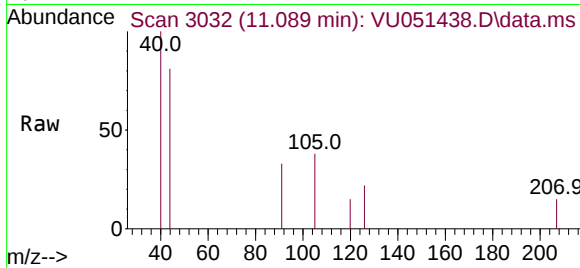




#75
1,3,5-Trimethylbenzene
Concen: 0.541 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

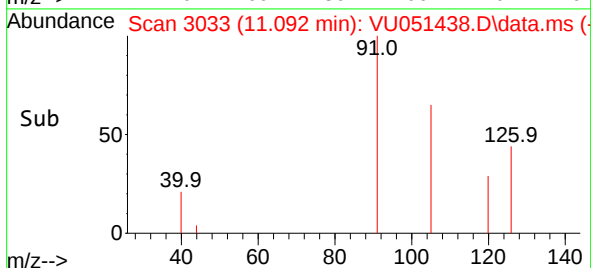
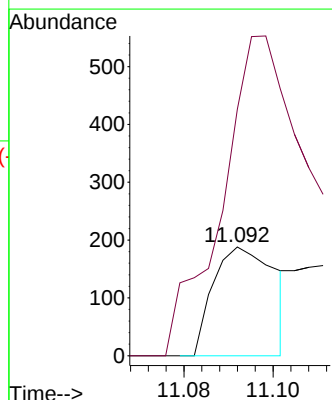
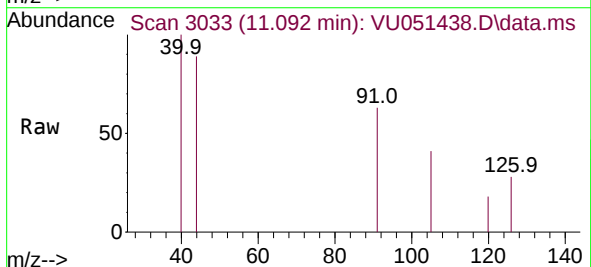
Instrument :
MSVOA_U
ClientSampleId :
VU1018WBL01

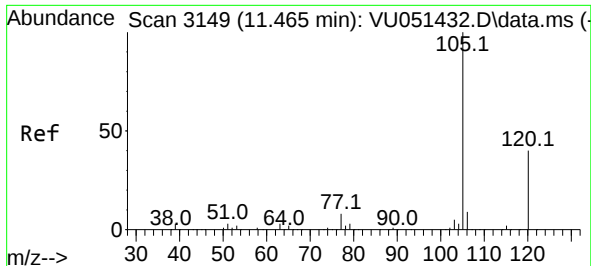
Tgt Ion:105 Resp: 474
Ion Ratio Lower Upper
105 100
120 14.6 38.2 57.4#



#76
4-Chlorotoluene
Concen: 0.394 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU051438.D
Acq: 18 Oct 2022 13:17

Tgt Ion:126 Resp: 181
Ion Ratio Lower Upper
126 100
91 422.7 0.0 717.6





#78

1,2,4-Trimethylbenzene

Concen: 0.565 ug/l

RT: 11.471 min Scan# 3149

Delta R.T. 0.006 min

Lab File: VU051438.D

Acq: 18 Oct 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

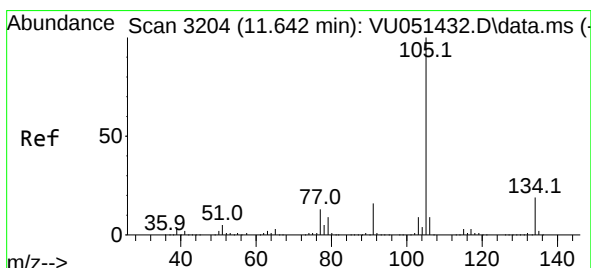
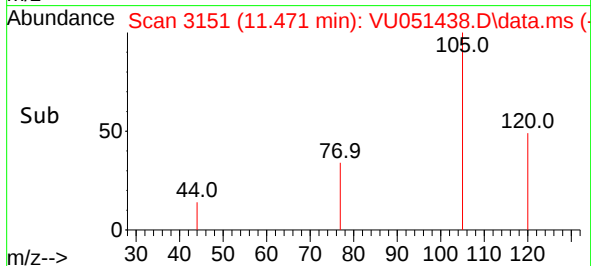
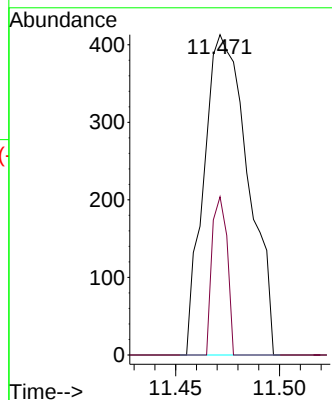
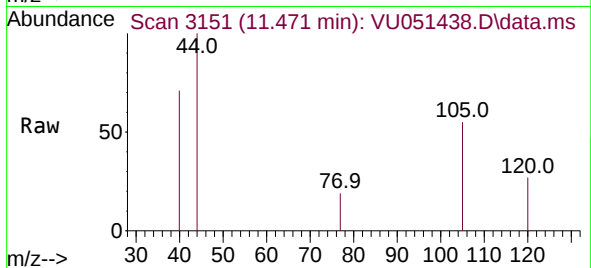
VU1018WBL01

Tgt Ion:105 Resp: 612

Ion Ratio Lower Upper

105 100

120 16.8 22.1 66.3#



#79

sec-Butylbenzene

Concen: 0.512 ug/l

RT: 11.639 min Scan# 3203

Delta R.T. -0.003 min

Lab File: VU051438.D

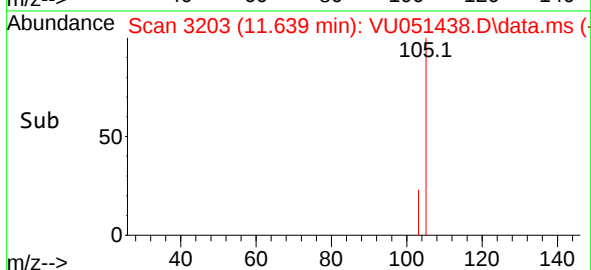
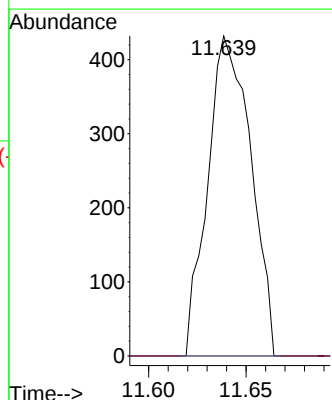
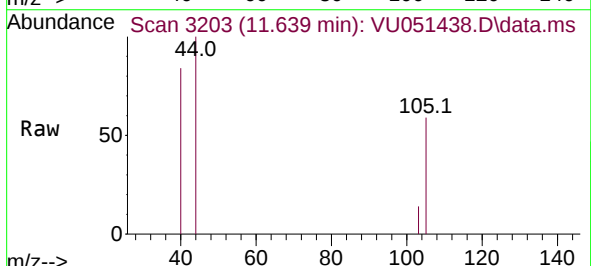
Acq: 18 Oct 2022 13:17

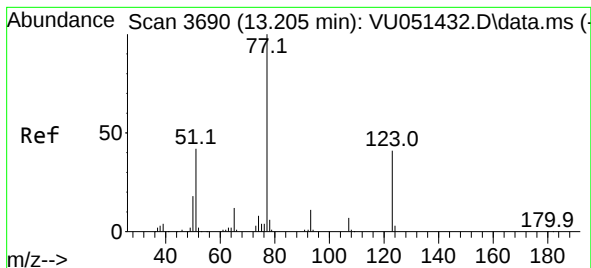
Tgt Ion:105 Resp: 666

Ion Ratio Lower Upper

105 100

134 14.1 15.2 22.8#





#80

Nitrobenzene

Concen: 0.534 ug/l

RT: 13.211 min Scan# 3692

Delta R.T. 0.006 min

Lab File: VU051438.D

Acq: 18 Oct 2022 13:17

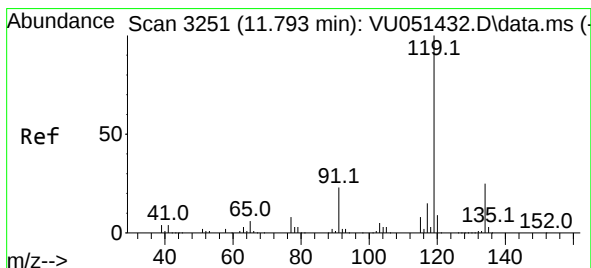
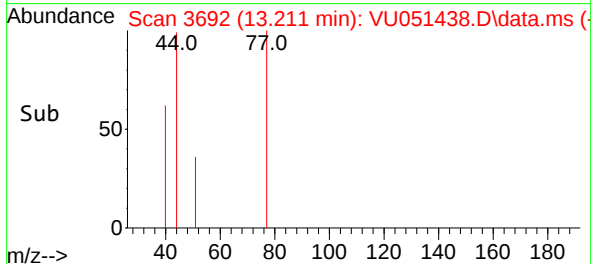
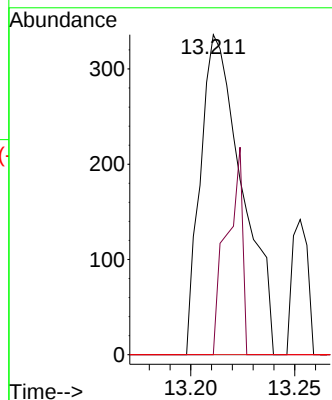
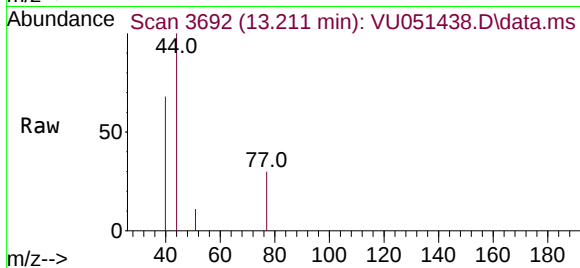
Instrument :

MSVOA_U

ClientSampleId :

VU1018WBL01

Tgt Ion: 77	Resp: 468
Ion Ratio	Lower Upper
77 100	
123 24.6	17.5 62.1
65 0.0	11.1 14.1#



#81

p-Isopropyltoluene

Concen: 0.592 ug/l

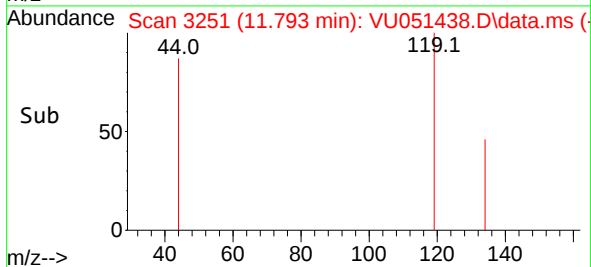
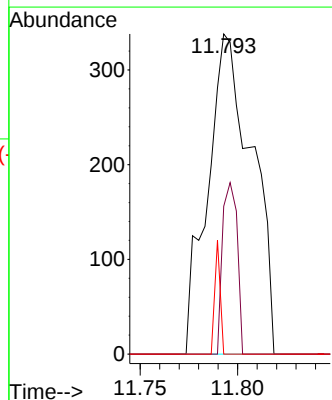
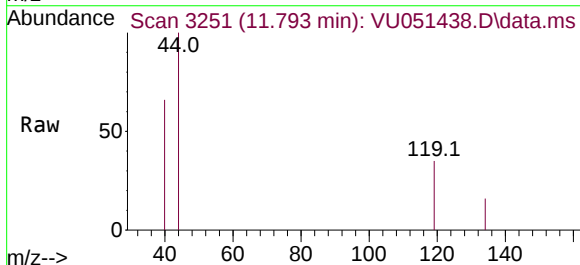
RT: 11.793 min Scan# 3251

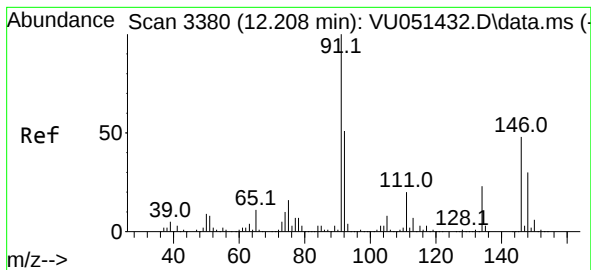
Delta R.T. -0.000 min

Lab File: VU051438.D

Acq: 18 Oct 2022 13:17

Tgt Ion: 119	Resp: 535
Ion Ratio	Lower Upper
119 100	
134 17.6	20.3 30.5#
91 0.0	18.6 27.8#





#84

n-Butylbenzene

Concen: 0.594 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051438.D

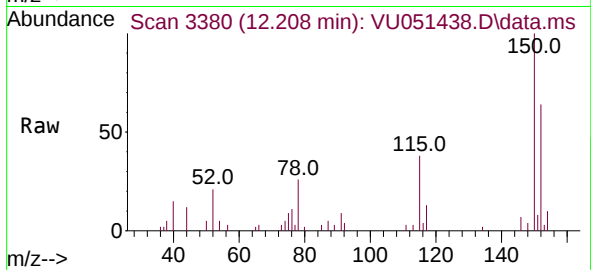
Acq: 18 Oct 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

VU1018WBL01



Tgt Ion: 91 Resp: 938

Ion Ratio Lower Upper

91 100

92 46.7 40.6 61.0

134 8.3 18.3 27.5#

