

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053153.D
 Acq On : 27 Feb 2023 15:15
 Operator : JC/MD
 Sample : VU0227WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0227WBL01

Quant Time: Feb 28 03:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

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

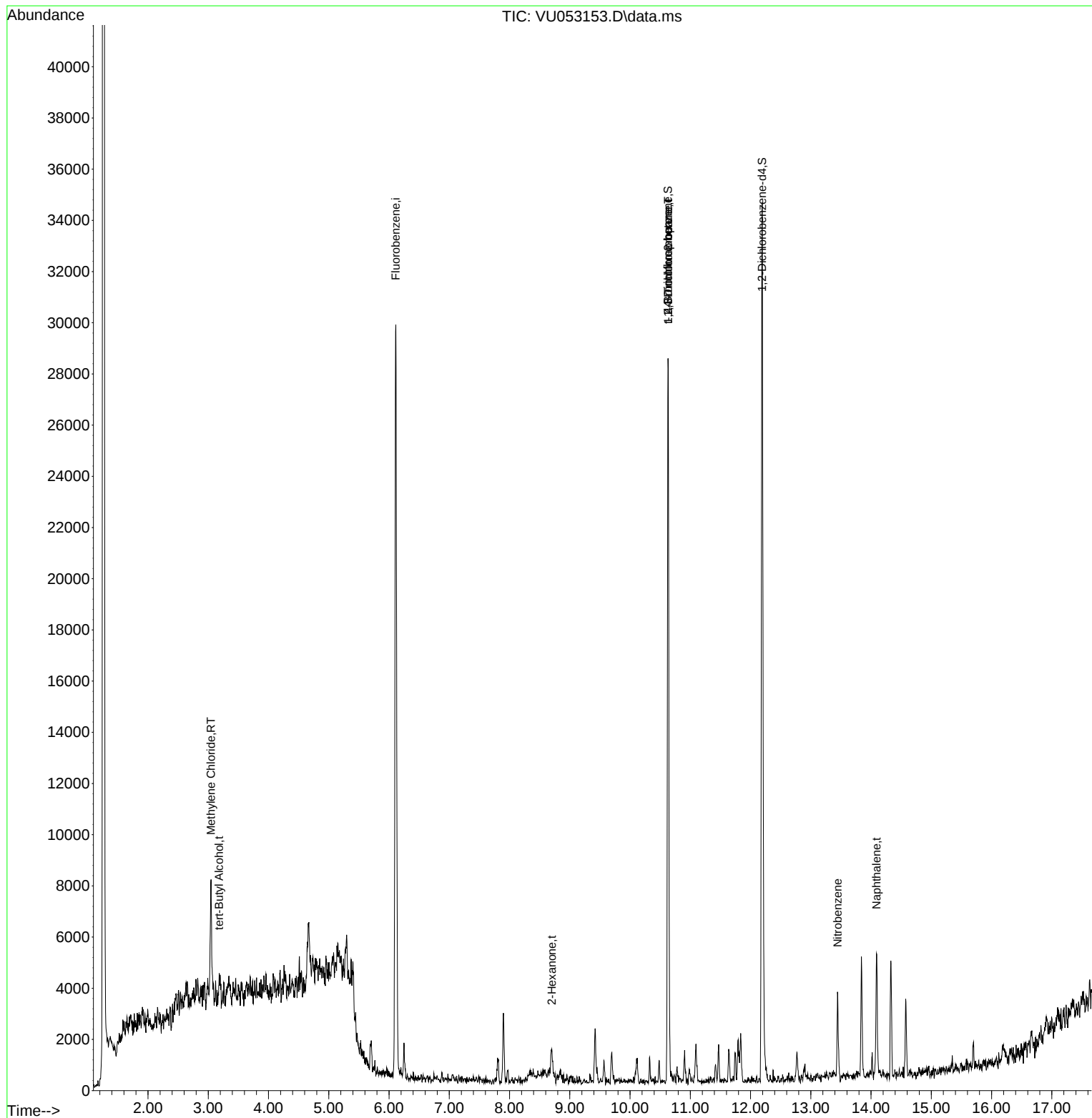
Internal Standards						
1) Fluorobenzene	6.112	96	27840	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11213	0.954	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9188	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
15) Methylene Chloride	3.045	84	2082	0.240	ug/l	92
24) tert-Butyl Alcohol	3.180	59	268	0.460	ug/l #	16
46) t-1,4-Dichloro-2-butene	10.633	75	5872	2.669	ug/l #	25
54) 2-Hexanone	8.701	43	986	0.265	ug/l #	74
71) 1,2,3-Trichloropropane	10.633	75	5872	0.964	ug/l #	46
80) Nitrobenzene	13.443	77	159	0.430	ug/l #	42
89) Naphthalene	14.090	128	5242	0.281	ug/l #	94

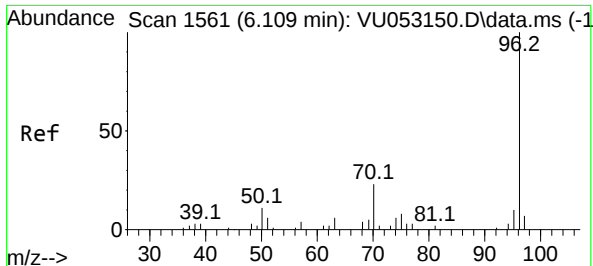
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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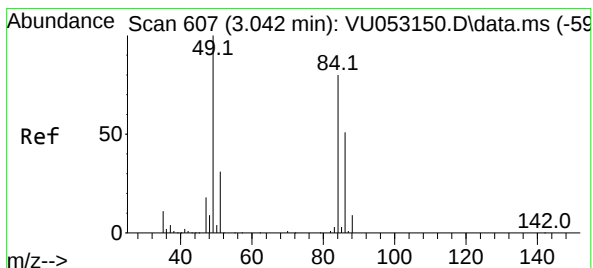
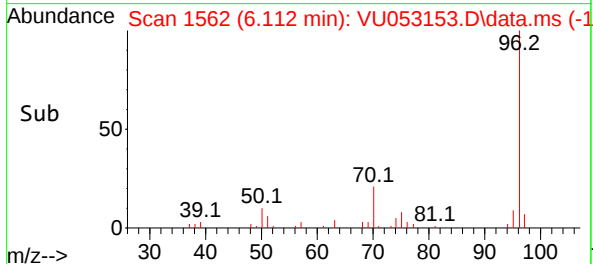
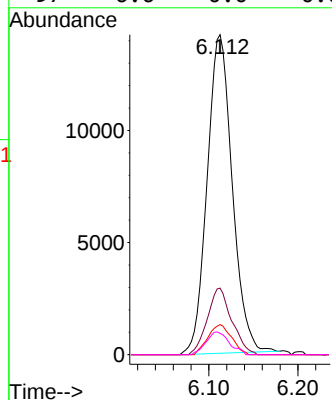
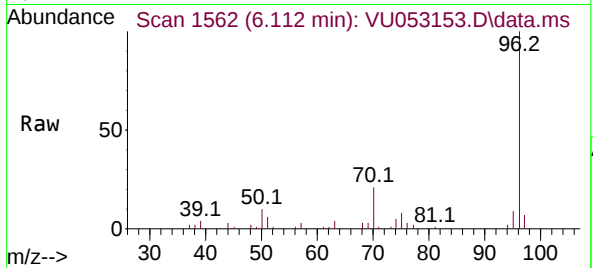




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053153.D
Acq: 27 Feb 2023 15:15

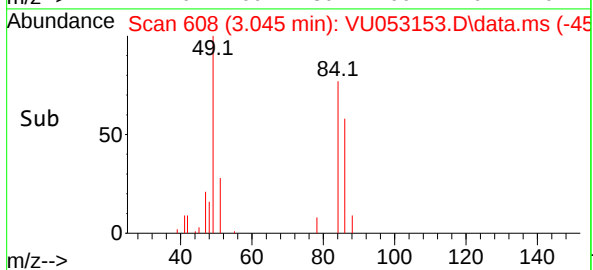
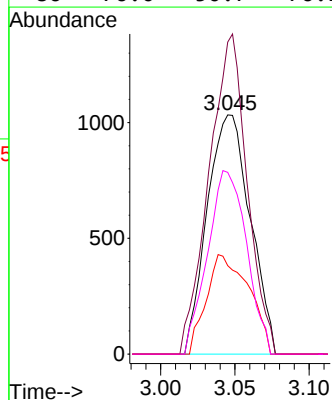
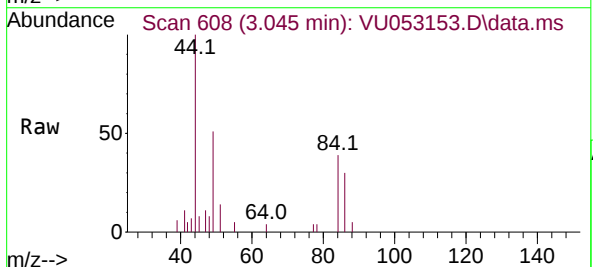
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBL01

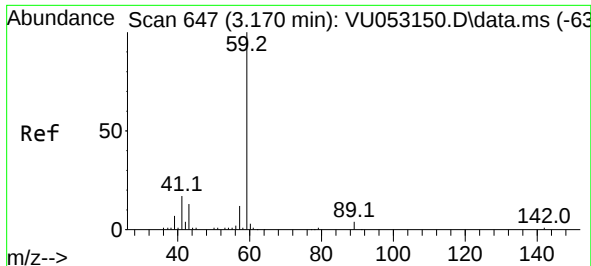
Tgt Ion: 96	Resp:	27840
Ion Ratio	Lower	Upper
96	100	
70	20.3	15.5 23.3
95	8.9	7.0 10.6
97	6.6	0.0 0.0



#15
Methylene Chloride
Concen: 0.240 ug/l
RT: 3.045 min Scan# 608
Delta R.T. 0.003 min
Lab File: VU053153.D
Acq: 27 Feb 2023 15:15

Tgt Ion: 84	Resp:	2082
Ion Ratio	Lower	Upper
84	100	
49	130.5	99.5 149.3
51	37.0	0.0 76.8
86	76.0	50.7 76.1

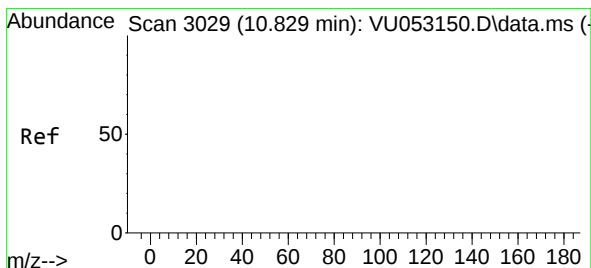
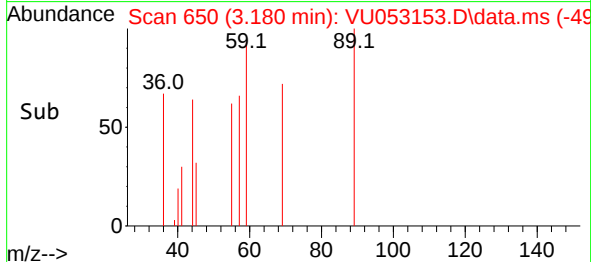
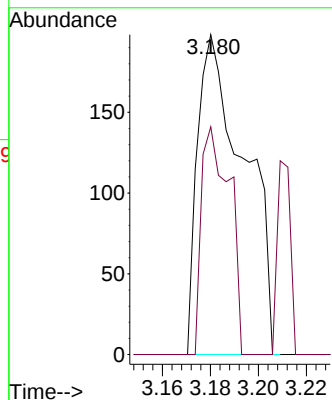
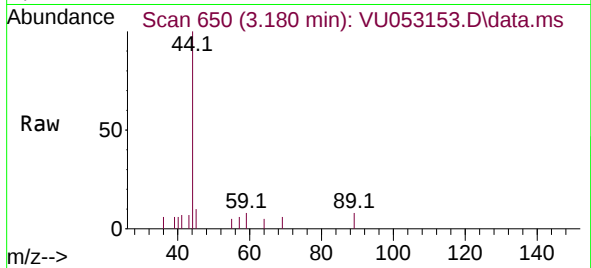




#24
tert-Butyl Alcohol
Concen: 0.460 ug/l
RT: 3.180 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU053153.D
Acq: 27 Feb 2023 15:15

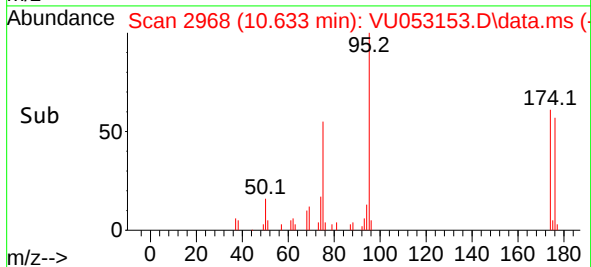
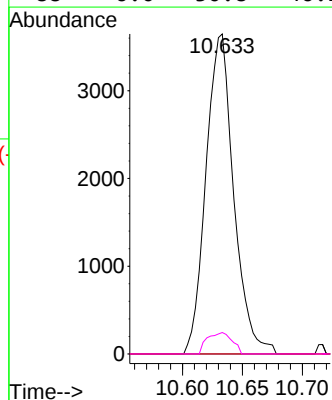
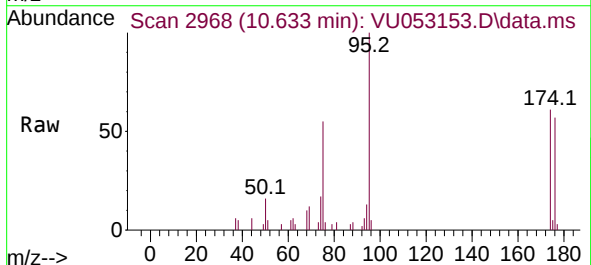
Instrument :
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ClientSampleId :
VU0227WBL01

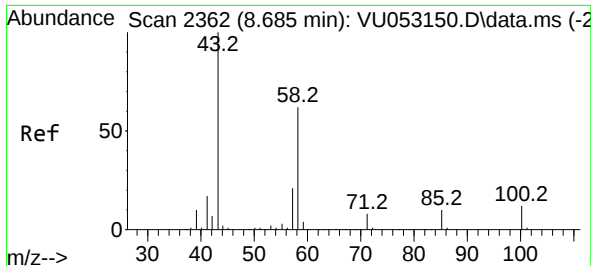
Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 42.5 8.7 13.1#



#46
t-1,4-Dichloro-2-butene
Concen: 2.669 ug/l
RT: 10.633 min Scan# 2968
Delta R.T. -0.196 min
Lab File: VU053153.D
Acq: 27 Feb 2023 15:15

Tgt Ion: 75 Resp: 5872
Ion Ratio Lower Upper
75 100
53 0.0 57.0 85.4#
89 0.0 43.1 64.7#
88 6.0 30.8 46.2#

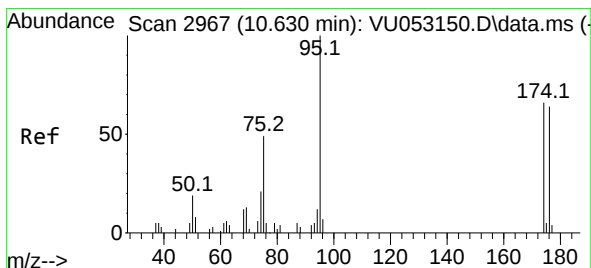
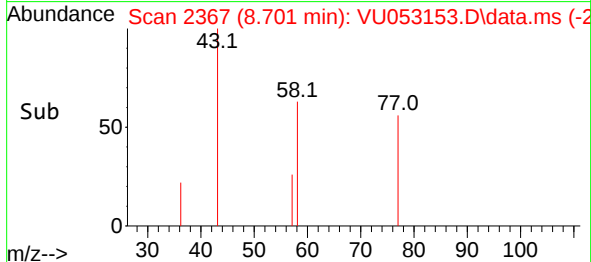
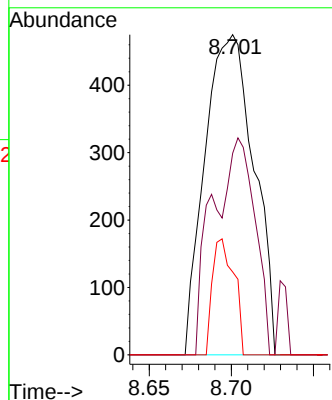
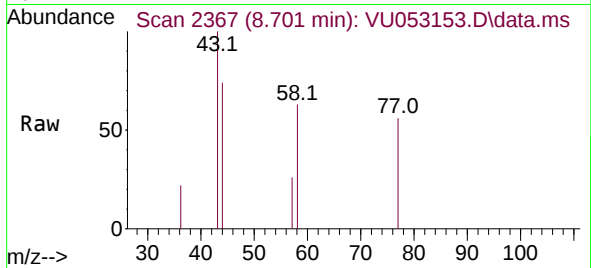




#54
2-Hexanone
Concen: 0.265 ug/l
RT: 8.701 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU053153.D
Acq: 27 Feb 2023 15:15

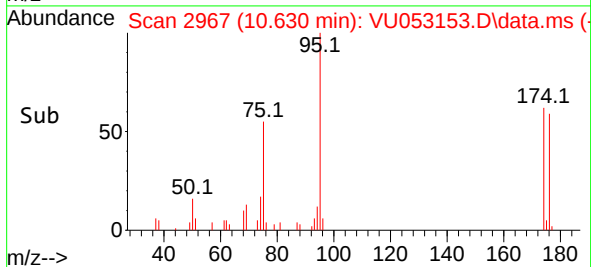
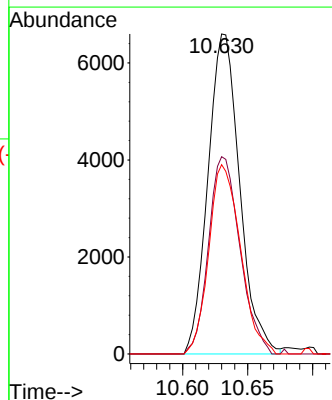
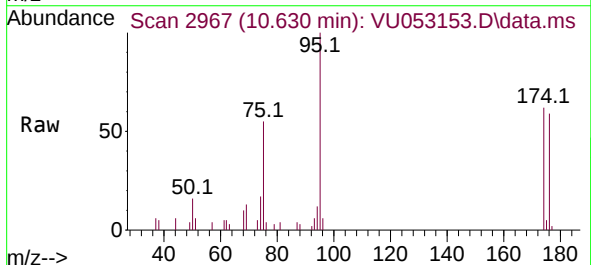
Instrument :
MSVOA_U
ClientSampleId :
VU0227WBL01

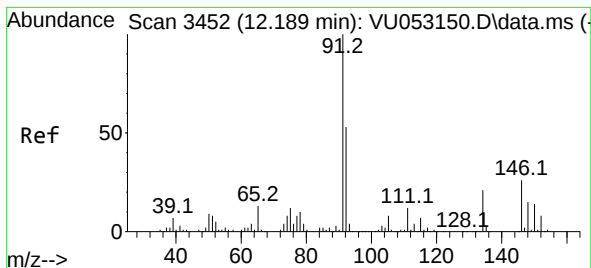
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
58 37.7 42.0 82.0#
57 15.9 1.2 41.2



#57
4-Bromofluorobenzene
Concen: 0.954 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053153.D
Acq: 27 Feb 2023 15:15

Tgt Ion: 95 Resp: 11213
Ion Ratio Lower Upper
95 100
174 60.9 50.7 76.1
176 59.1 47.8 71.6





#68

1,2-Dichlorobenzene-d4

Concen: 0.986 ug/l

RT: 12.193 min Scan# 3452

Delta R.T. 0.003 min

Lab File: VU053153.D

Acq: 27 Feb 2023 15:15

Instrument :

MSVOA_U

ClientSampleId :

VU0227WBL01

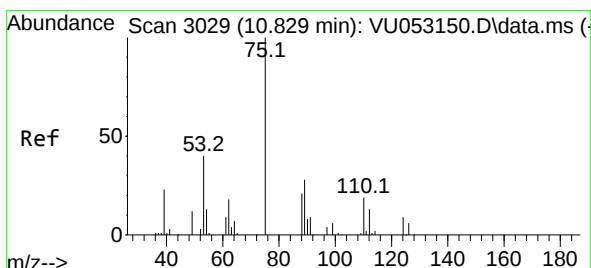
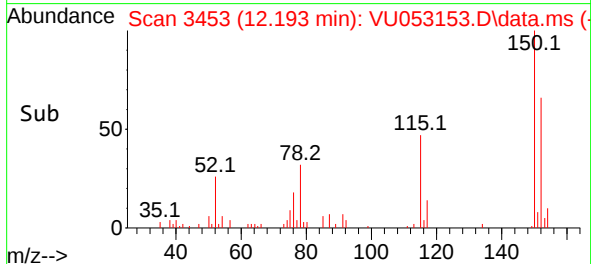
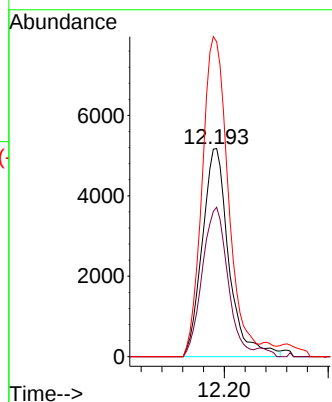
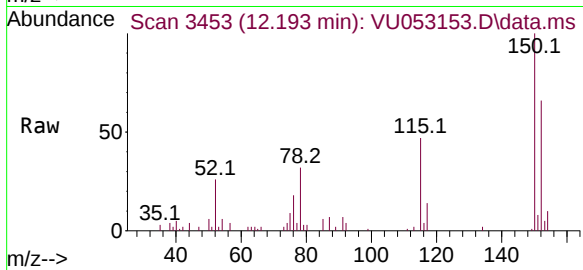
Tgt Ion:152 Resp: 9188

Ion Ratio Lower Upper

152 100

115 69.0 0.0 267.8

150 151.2 0.0 623.0



#71

1,2,3-Trichloropropane

Concen: 0.964 ug/l

RT: 10.633 min Scan# 2968

Delta R.T. -0.196 min

Lab File: VU053153.D

Acq: 27 Feb 2023 15:15

Tgt Ion: 75 Resp: 5872

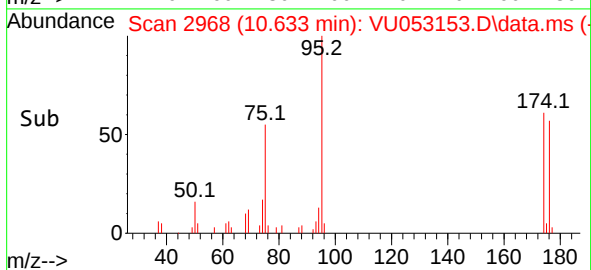
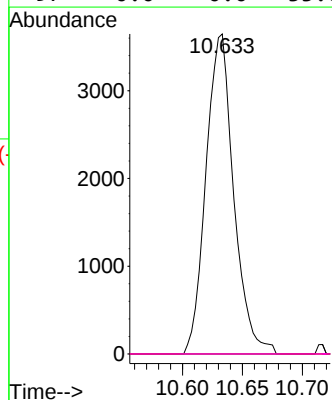
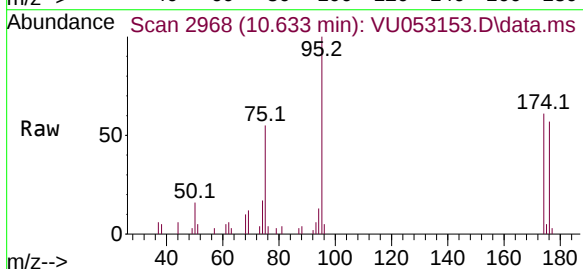
Ion Ratio Lower Upper

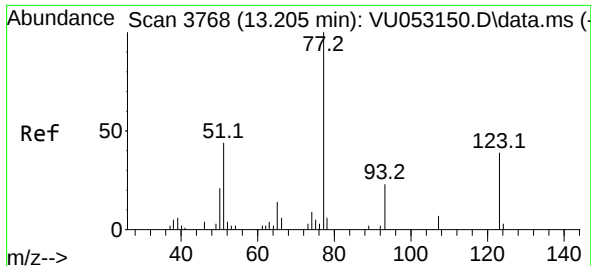
75 100

77 9.2 0.0 98.2

110 0.0 0.0 57.0

97 0.0 0.0 33.6

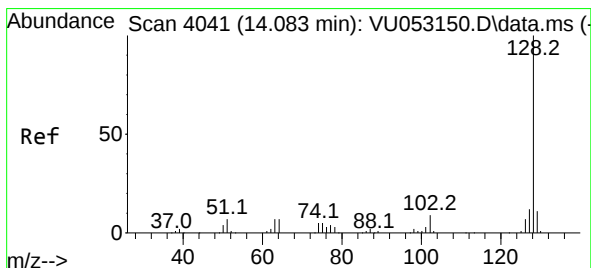
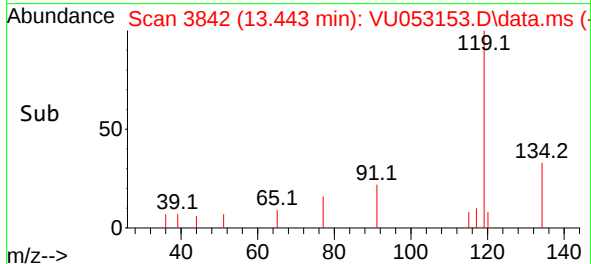
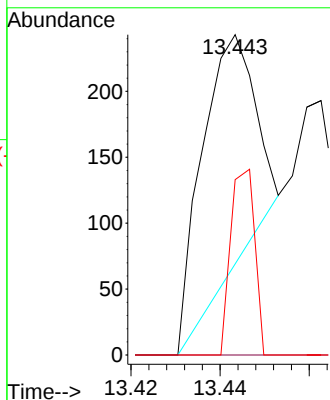
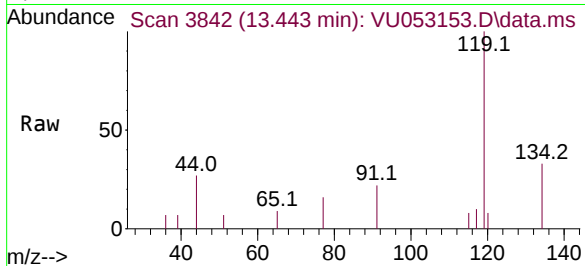




#80
Nitrobenzene
Concen: 0.430 ug/l
RT: 13.443 min Scan# 3842
Delta R.T. 0.238 min
Lab File: VU053153.D
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Instrument :
MSVOA_U
ClientSampleId :
VU0227WBL01

Tgt Ion: 77 Resp: 159
Ion Ratio Lower Upper
77 100
123 0.0 17.0 60.2#
65 33.3 12.9 16.5#



#89
Naphthalene
Concen: 0.281 ug/l
RT: 14.090 min Scan# 4043
Delta R.T. 0.007 min
Lab File: VU053153.D
Acq: 27 Feb 2023 15:15

Tgt Ion: 128 Resp: 5242
Ion Ratio Lower Upper
128 100
127 11.9 9.9 14.9
129 6.2 8.3 12.5#

