

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063679.D
 Acq On : 07 Nov 2025 10:42
 Operator : MD/SY
 Sample : VU1107WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBL01

Quant Time: Nov 08 02:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

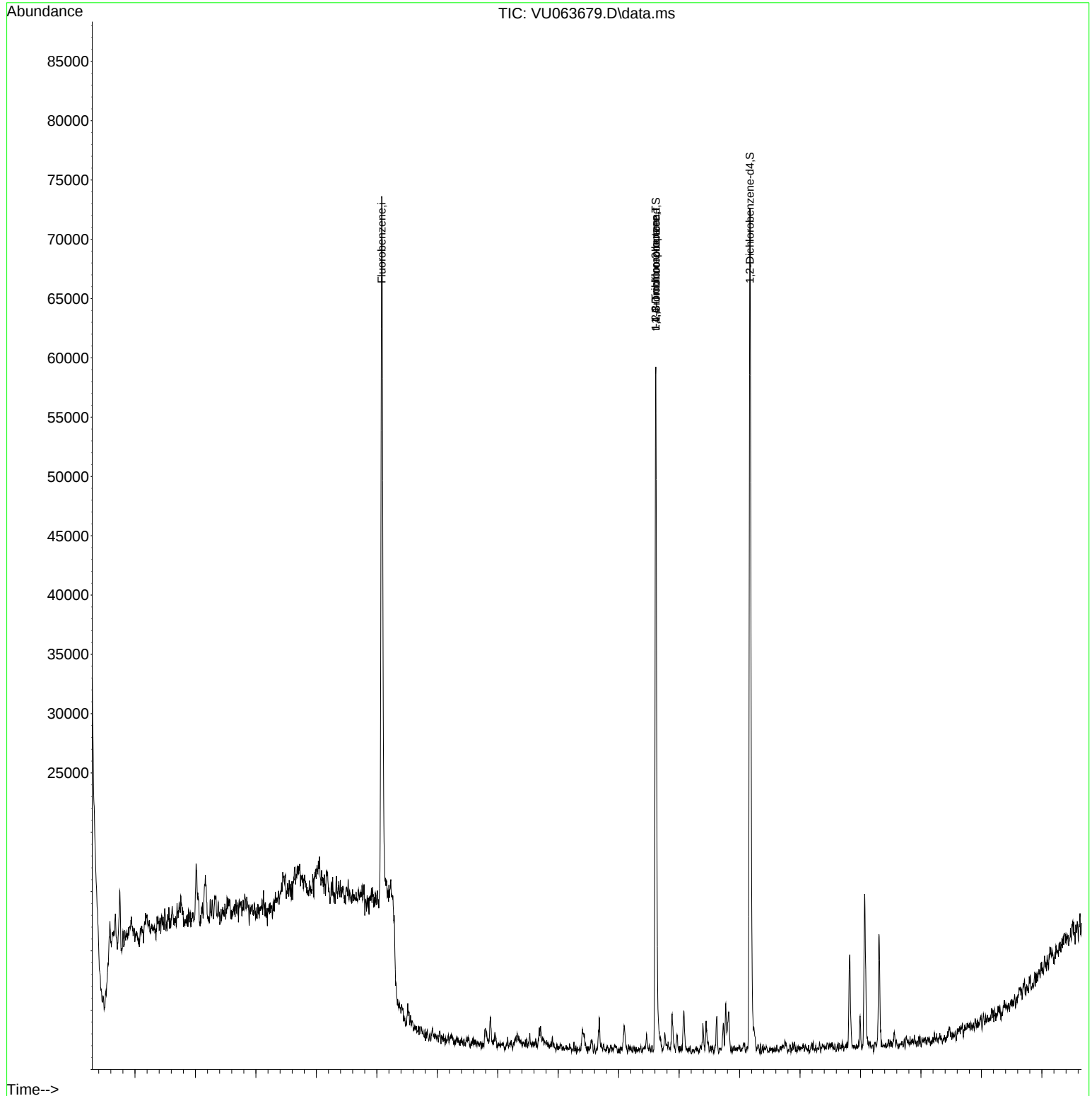
Internal Standards						
1) Fluorobenzene	6.081	96	53185	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.614	95	22208	0.923	ug/l	0.00
Spiked Amount	1.000		Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	18858	0.874	ug/l	0.00
Spiked Amount	1.000		Recovery	=	87.000%	
Target Compounds						
						Qvalue
24) tert-Butyl Alcohol	3.164	59	2453	1.211	ug/l #	83
46) t-1,4-Dichloro-2-butene	10.611	75	11134	2.749	ug/l #	28
71) 1,2,3-Trichloropropane	10.611	75	11134	0.774	ug/l #	48
80) Nitrobenzene	13.193	77	210	0.361	ug/l #	42
89) Naphthalene	14.068	128	13503	0.321	ug/l #	93

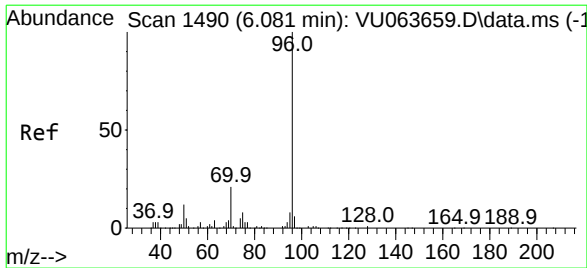
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 03 00:51:51 2025
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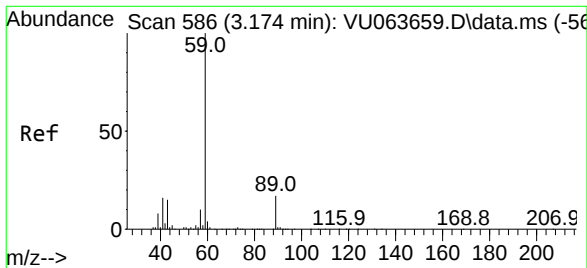
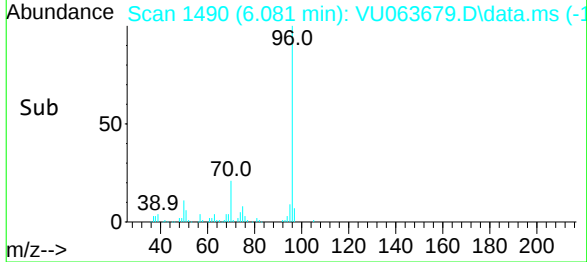
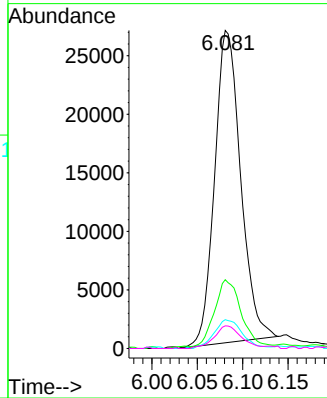
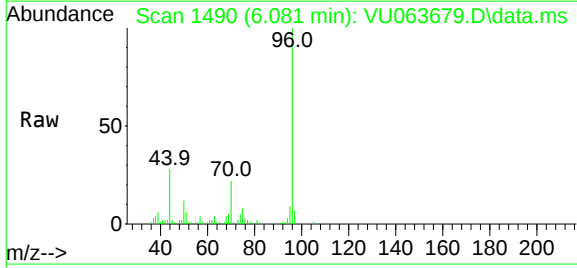




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU063679.D
Acq: 07 Nov 2025 10:42

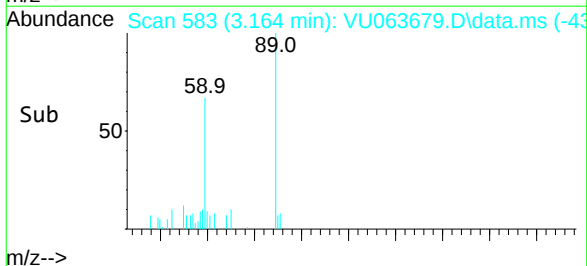
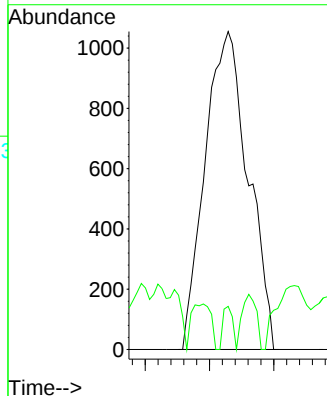
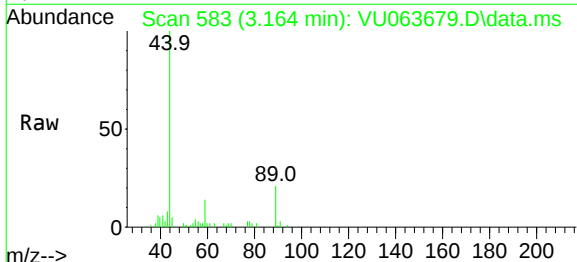
Instrument :
MSVOA_U
ClientSampleId :
VU1107WBL01

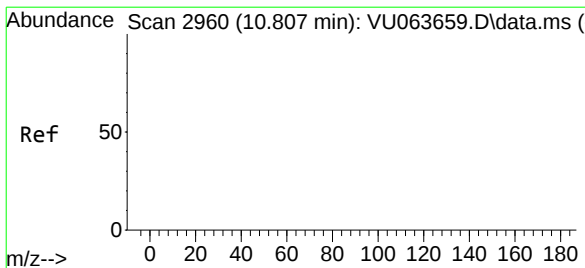
Tgt Ion:	96	Resp:	53185
Ion	Ratio	Lower	Upper
96	100		
70	20.9	15.3	22.9
95	9.4	6.5	9.7
97	6.7	0.0	0.0



#24
tert-Butyl Alcohol
Concen: 1.211 ug/l
RT: 3.164 min Scan# 583
Delta R.T. -0.010 min
Lab File: VU063679.D
Acq: 07 Nov 2025 10:42

Tgt Ion:	59	Resp:	2453
Ion	Ratio	Lower	Upper
59	100		
57	3.0	7.2	10.8





#46

t-1,4-Dichloro-2-butene

Concen: 2.749 ug/l

RT: 10.611 min Scan# 28

Delta R.T. -0.196 min

Lab File: VU063679.D

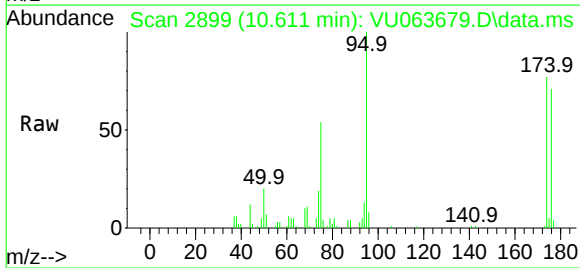
Acq: 07 Nov 2025 10:42

Instrument :

MSVOA_U

ClientSampleId :

VU1107WBL01



Tgt Ion: 75 Resp: 11134

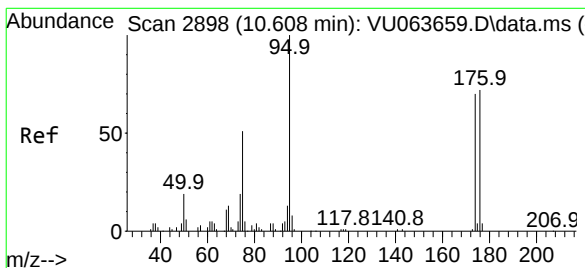
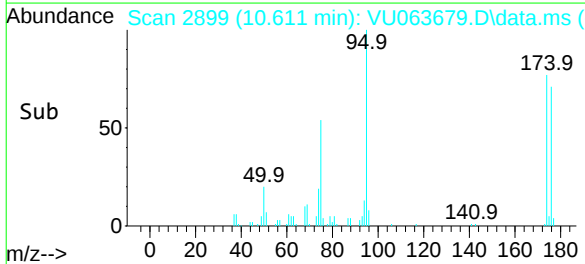
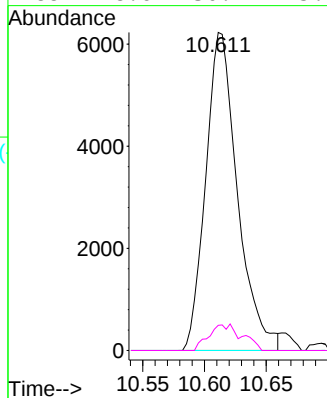
Ion Ratio Lower Upper

75 100

53 0.0 57.2 85.8#

89 0.0 37.9 56.9#

88 8.6 30.1 45.1#



#57

4-Bromofluorobenzene

Concen: 0.923 ug/l

RT: 10.614 min Scan# 2900

Delta R.T. 0.006 min

Lab File: VU063679.D

Acq: 07 Nov 2025 10:42

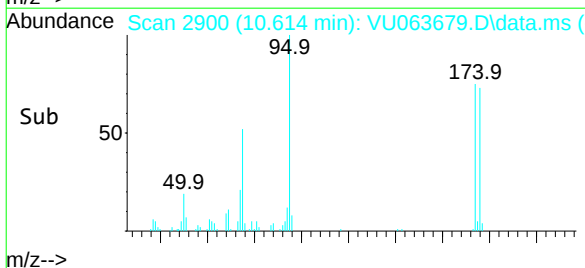
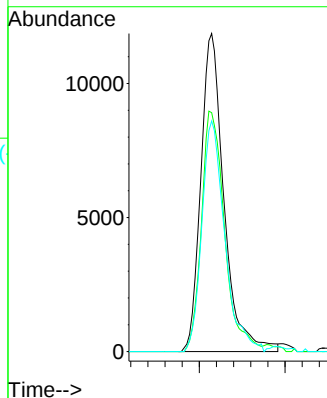
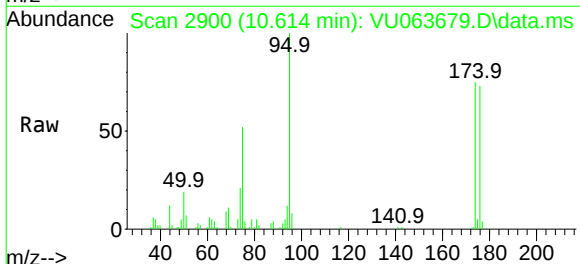
Tgt Ion: 95 Resp: 22208

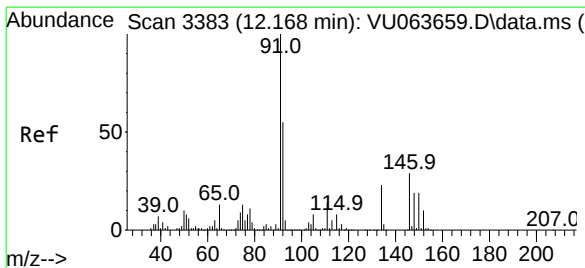
Ion Ratio Lower Upper

95 100

174 75.4 59.9 89.9

176 71.7 58.8 88.2





#68

1,2-Dichlorobenzene-d4

Concen: 0.874 ug/l

RT: 12.171 min Scan# 33

Delta R.T. 0.003 min

Lab File: VU063679.D

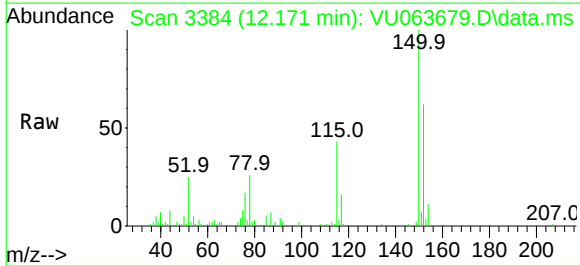
Acq: 07 Nov 2025 10:42

Instrument :

MSVOA_U

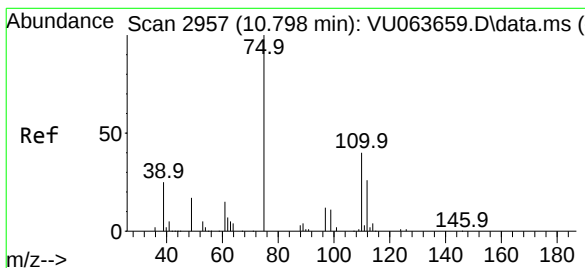
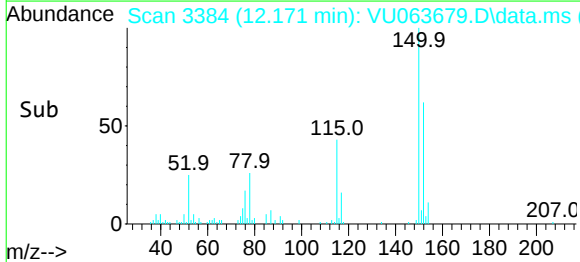
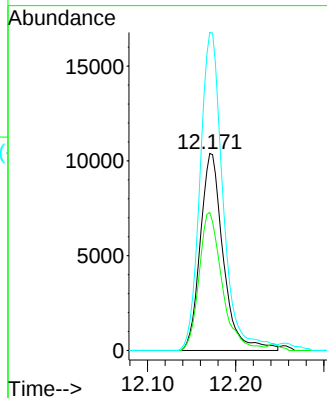
ClientSampleId :

VU1107WBL01



Tgt Ion:152 Resp: 18858

Ion	Ratio	Lower	Upper
152	100		
115	70.3	0.0	247.2
150	160.9	0.0	643.6



#71

1,2,3-Trichloropropane

Concen: 0.774 ug/l

RT: 10.611 min Scan# 2899

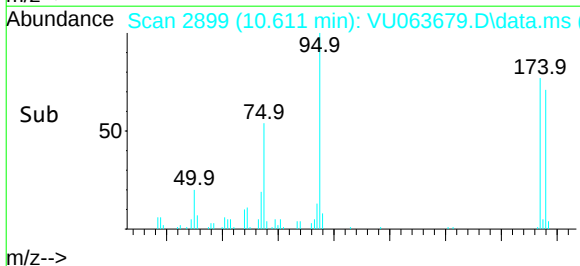
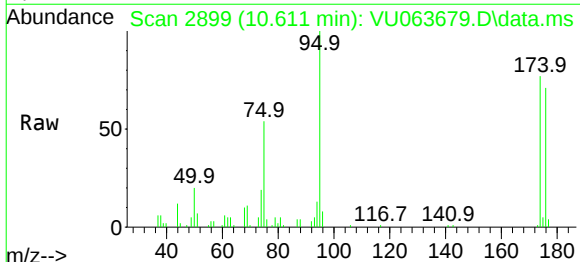
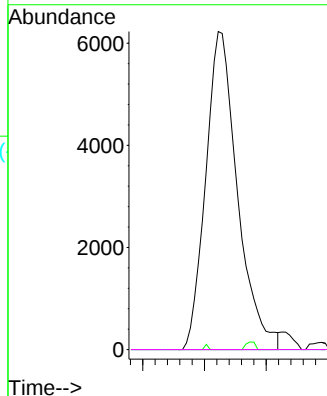
Delta R.T. -0.187 min

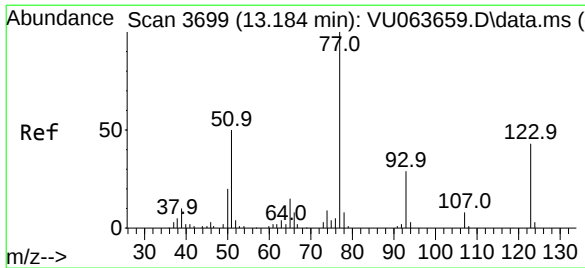
Lab File: VU063679.D

Acq: 07 Nov 2025 10:42

Tgt Ion: 75 Resp: 11134

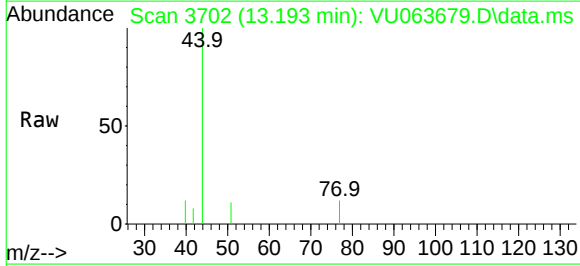
Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#
110	0.0	0.0	66.4
97	0.0	0.0	33.2



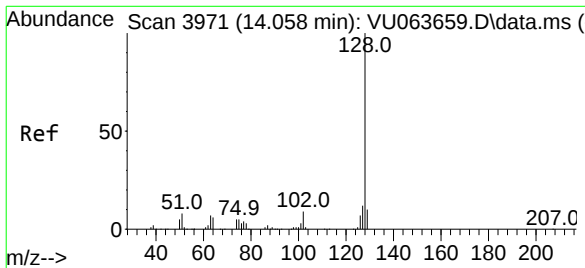
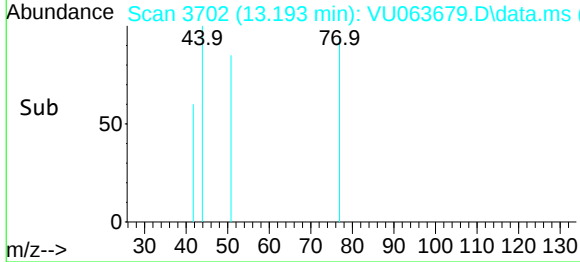
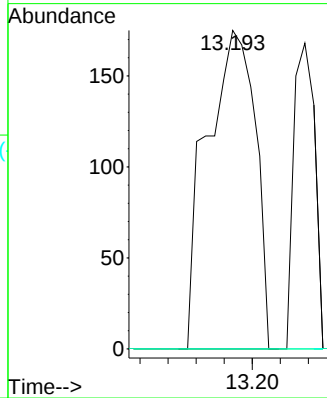


#80
 Nitrobenzene
 Concen: 0.361 ug/l
 RT: 13.193 min Scan# 3710
 Delta R.T. 0.009 min
 Lab File: VU063679.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	18.2	64.4#
65	0.0	13.6	17.2#



#89
 Naphthalene
 Concen: 0.321 ug/l
 RT: 14.068 min Scan# 3974
 Delta R.T. 0.009 min
 Lab File: VU063679.D
 Acq: 07 Nov 2025 10:42

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.2	15.2
129	8.0	8.6	12.8#

