

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063668.D
 Acq On : 05 Nov 2025 11:46
 Operator : MD/SY
 Sample : VU1105WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBL01

Quant Time: Nov 06 03:59:42 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)

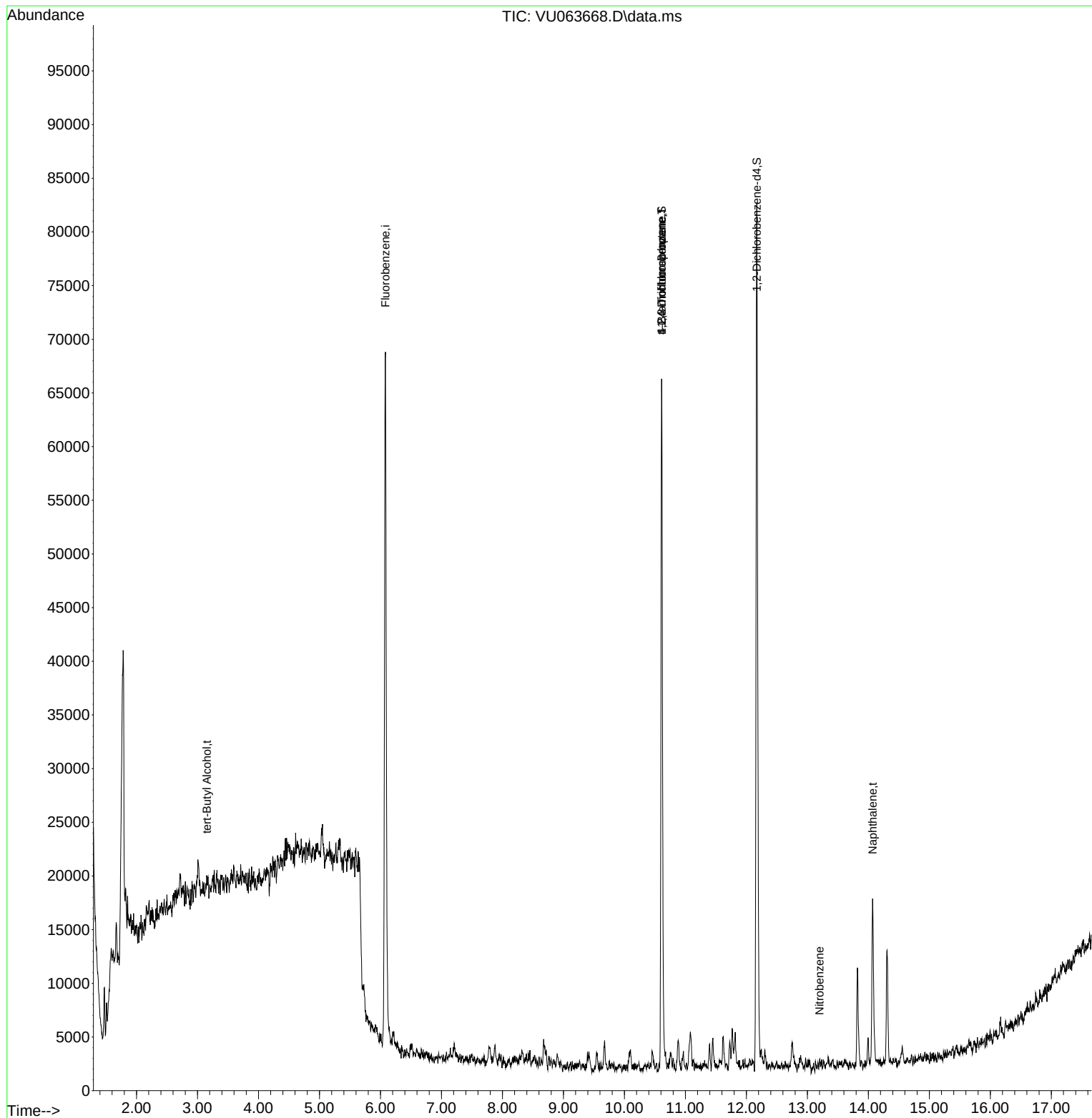
Internal Standards						
1) Fluorobenzene	6.081	96	57042	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	23673	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21388	0.924	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
24) tert-Butyl Alcohol	3.155	59	955	0.440	ug/l	100
46) t-1,4-Dichloro-2-butene	10.611	75	13206	3.040	ug/l #	27
71) 1,2,3-Trichloropropane	10.611	75	13206	0.856	ug/l #	48
80) Nitrobenzene	13.200	77	231	0.370	ug/l #	42
89) Naphthalene	14.071	128	14746	0.327	ug/l	98

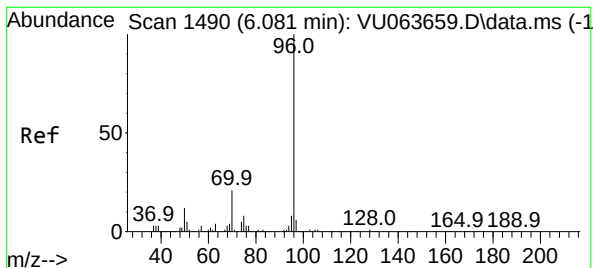
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.081 min Scan# 14

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

VU1105WBL01

Tgt Ion: 96 Resp: 57042

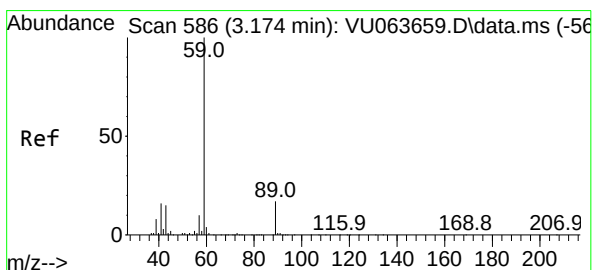
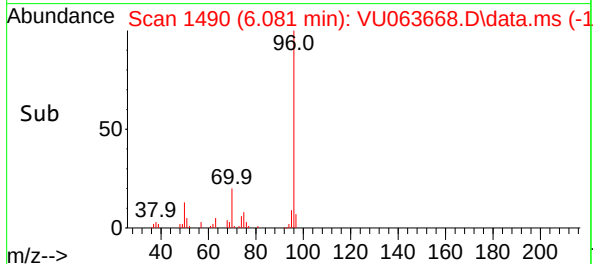
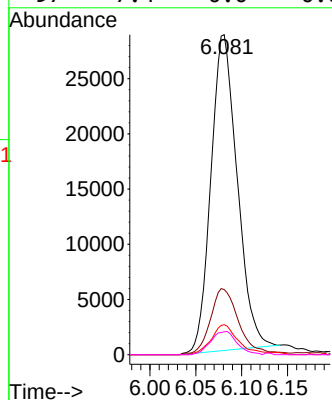
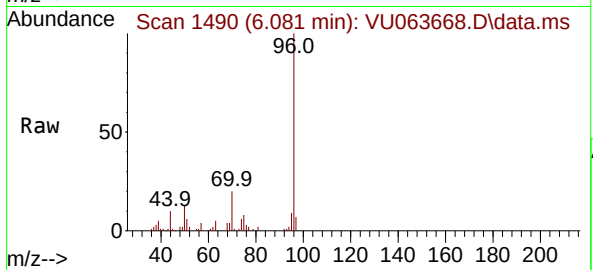
Ion Ratio Lower Upper

96 100

70 21.8 15.3 22.9

95 10.1 6.5 9.7#

97 7.4 0.0 0.0#



#24

tert-Butyl Alcohol

Concen: 0.440 ug/l

RT: 3.155 min Scan# 580

Delta R.T. -0.019 min

Lab File: VU063668.D

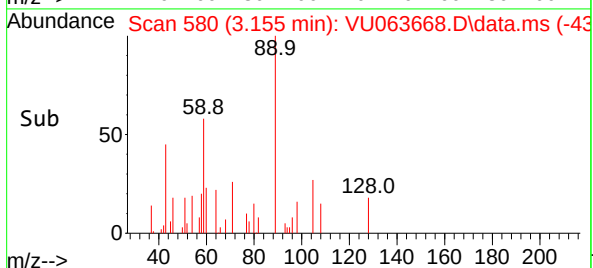
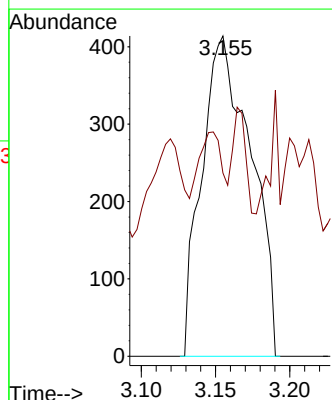
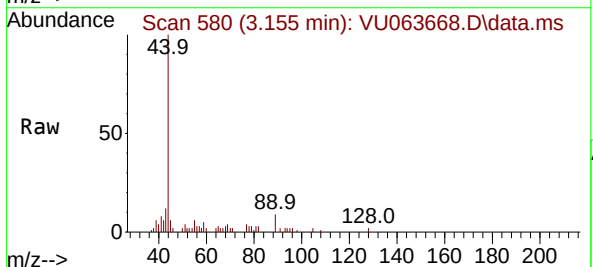
Acq: 05 Nov 2025 11:46

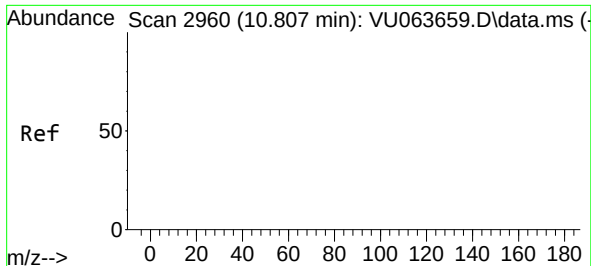
Tgt Ion: 59 Resp: 955

Ion Ratio Lower Upper

59 100

57 8.9 7.2 10.8

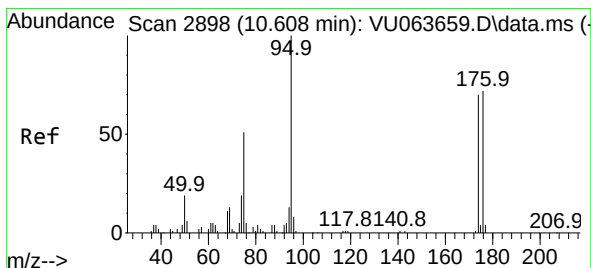
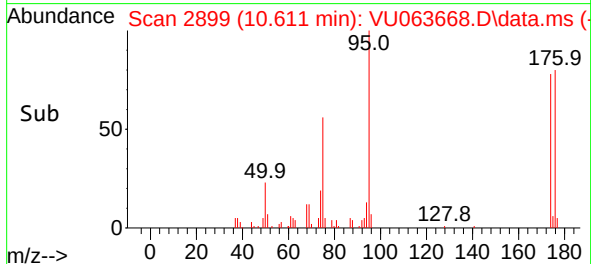
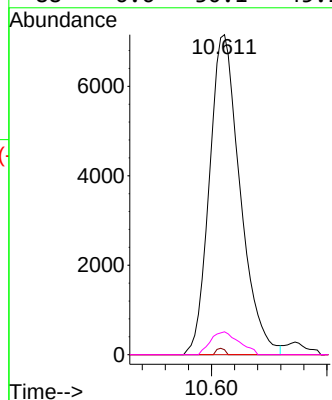
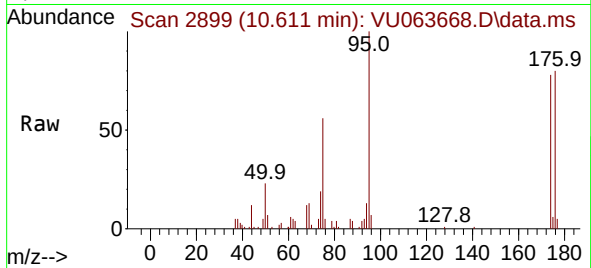




#46
t-1,4-Dichloro-2-butene
Concen: 3.040 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. -0.196 min
Lab File: VU063668.D
Acq: 05 Nov 2025 11:46

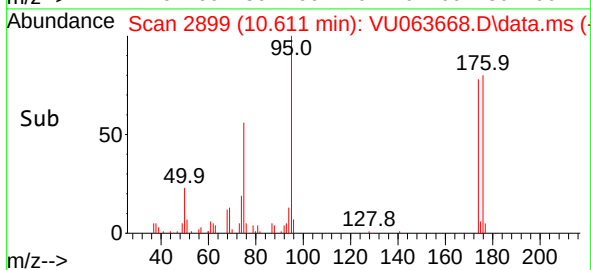
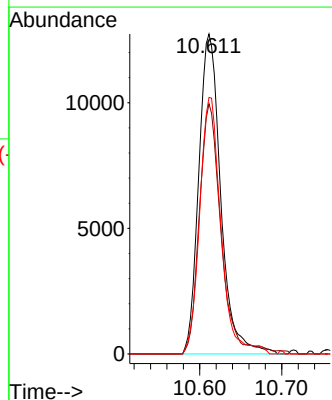
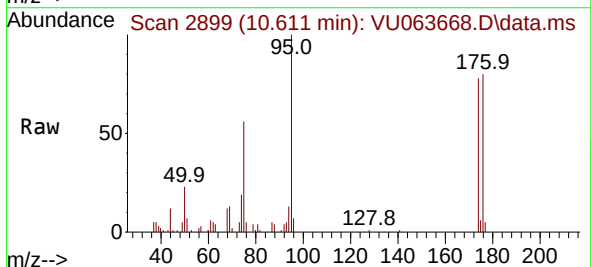
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

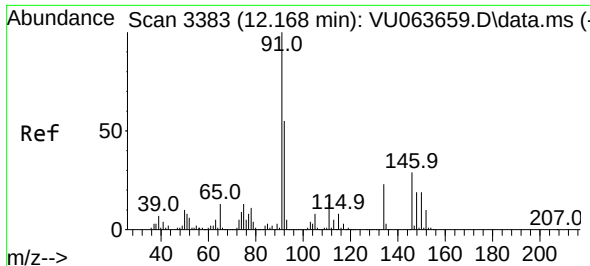
Tgt Ion: 75	Resp: 13206
Ion Ratio	Lower Upper
75 100	
53 0.5	57.2 85.8#
89 0.0	37.9 56.9#
88 6.6	30.1 45.1#



#57
4-Bromofluorobenzene
Concen: 0.917 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063668.D
Acq: 05 Nov 2025 11:46

Tgt Ion: 95	Resp: 23673
Ion Ratio	Lower Upper
95 100	
174 76.9	59.9 89.9
176 77.6	58.8 88.2

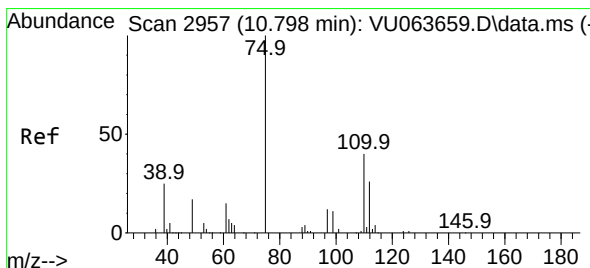
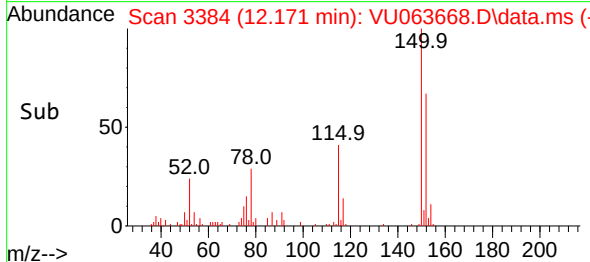
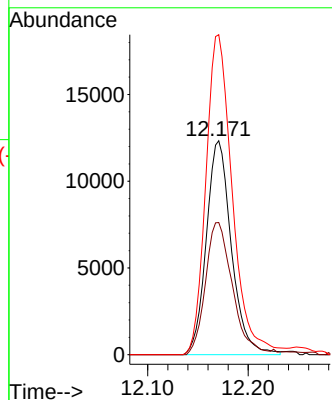
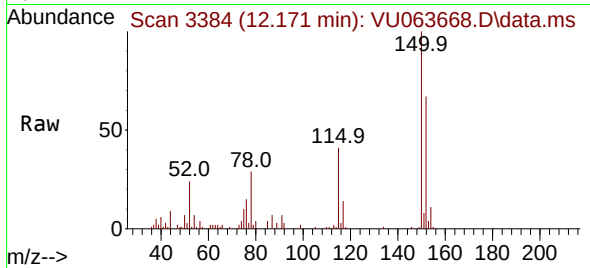




#68
1,2-Dichlorobenzene-d4
Concen: 0.924 ug/l
RT: 12.171 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063668.D
Acq: 05 Nov 2025 11:46

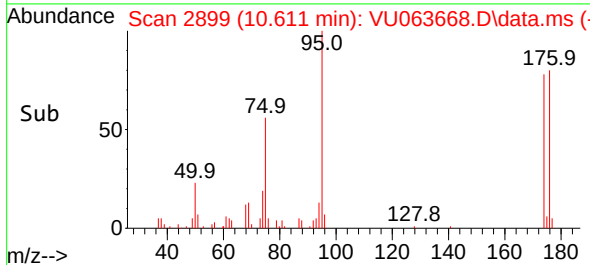
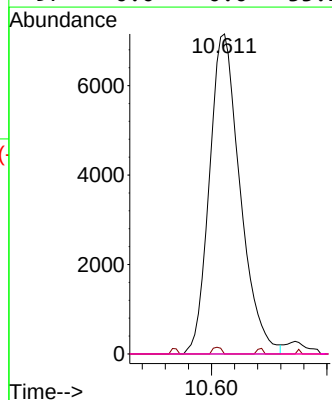
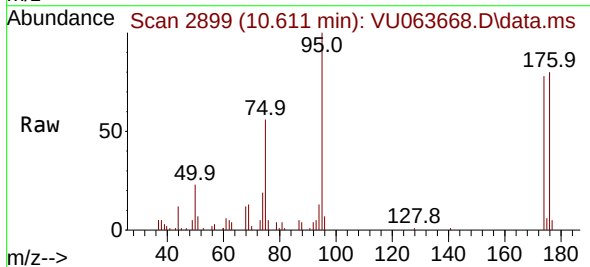
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBL01

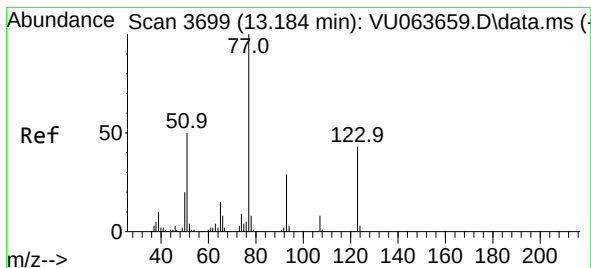
Tgt Ion:152 Resp: 21388
Ion Ratio Lower Upper
152 100
115 66.1 0.0 247.2
150 158.0 0.0 643.6



#71
1,2,3-Trichloropropane
Concen: 0.856 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. -0.187 min
Lab File: VU063668.D
Acq: 05 Nov 2025 11:46

Tgt Ion: 75 Resp: 13206
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#
110 0.0 0.0 66.4
97 0.0 0.0 33.2





#80

Nitrobenzene

Concen: 0.370 ug/l

RT: 13.200 min Scan# 31

Delta R.T. 0.016 min

Lab File: VU063668.D

Acq: 05 Nov 2025 11:46

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBL01

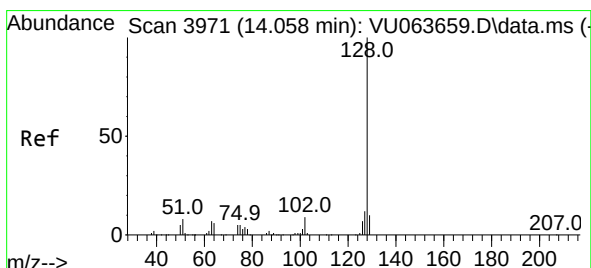
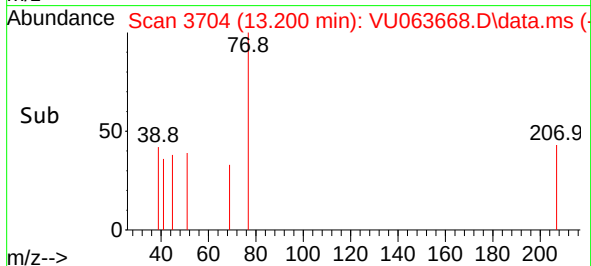
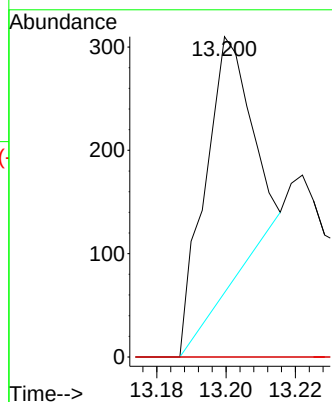
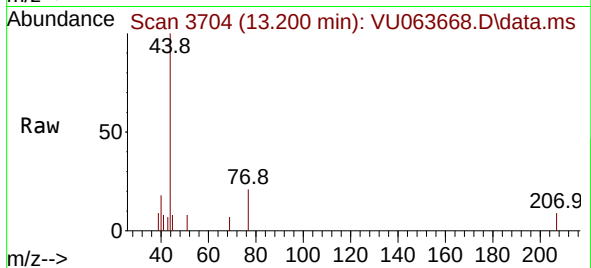
Tgt Ion: 77 Resp: 231

Ion Ratio Lower Upper

77 100

123 0.0 18.2 64.4#

65 0.0 13.6 17.2#



#89

Naphthalene

Concen: 0.327 ug/l

RT: 14.071 min Scan# 3975

Delta R.T. 0.013 min

Lab File: VU063668.D

Acq: 05 Nov 2025 11:46

Tgt Ion: 128 Resp: 14746

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 9.5 8.6 12.8

