

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063439.D
 Acq On : 24 Jun 2025 15:54
 Operator : MD/SY
 Sample : VU0624WBL02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBL02

Quant Time: Jun 25 02:07:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 05:06:50 2025
 Response via : Initial Calibration

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

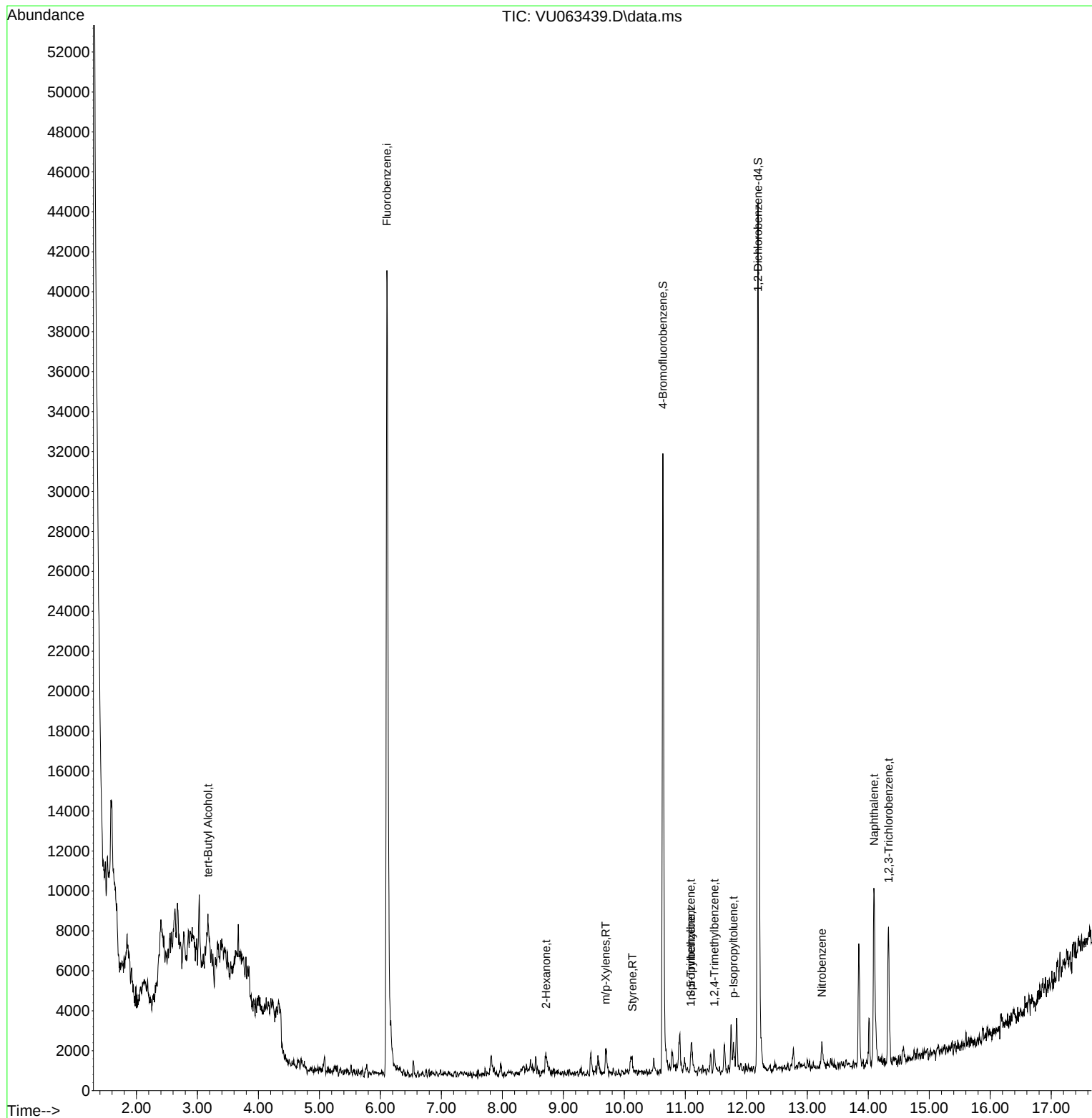
Internal Standards						
1) Fluorobenzene	6.107	96	44134	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11724	0.724	ug/l	0.00
Spiked Amount 1.000			Recovery	=	72.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12807	0.787	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.625	43	1339	Below Cal	#	83
24) tert-Butyl Alcohol	3.174	59	618	0.561	ug/l #	73
54) 2-Hexanone	8.714	43	1599	1.391	ug/l #	53
64) m/p-Xylenes	9.692	106	513	0.807	ug/l	80
66) Styrene	10.129	104	532	0.425	ug/l #	58
73) n-propylbenzene	11.094	120	288	0.381	ug/l	80
75) 1,3,5-Trimethylbenzene	11.090	105	527	0.386	ug/l	87
78) 1,2,4-Trimethylbenzene	11.476	105	1016	0.435	ug/l	87
80) Nitrobenzene	13.238	77	1190	3.314	ug/l #	83
81) p-Isopropyltoluene	11.788	119	1271	0.433	ug/l #	77
89) Naphthalene	14.094	128	10357	1.189	ug/l	97
90) 1,2,3-Trichlorobenzene	14.331	180	3106	0.211	ug/l	94

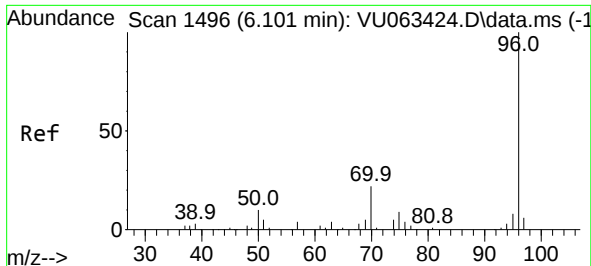
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063439.D
Acq On : 24 Jun 2025 15:54
Operator : MD/SY
Sample : VU0624WBL02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL02

Quant Time: Jun 25 02:07:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 05:06:50 2025
Response via : Initial Calibration

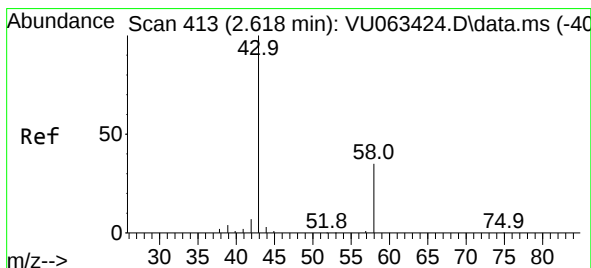
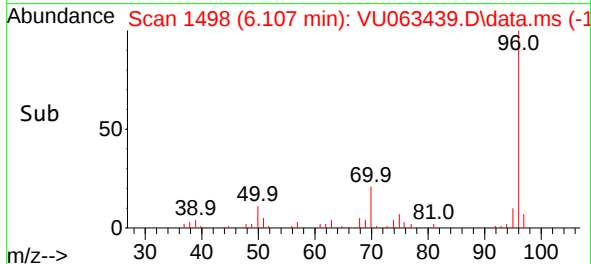
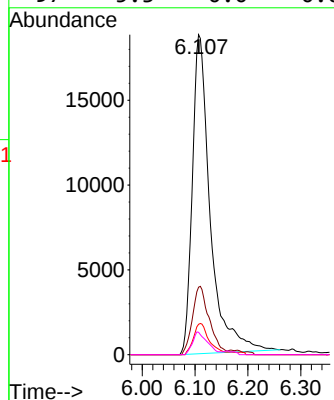
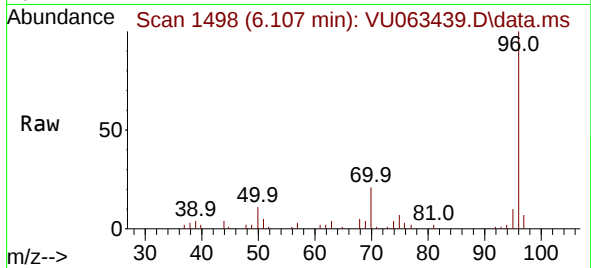




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1496
Delta R.T. 0.006 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

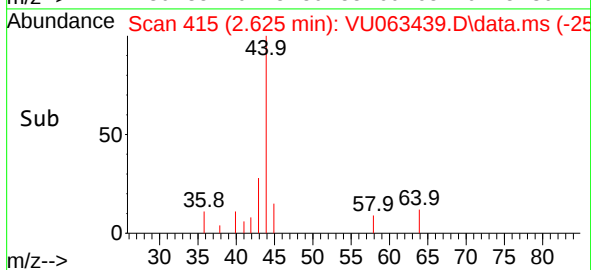
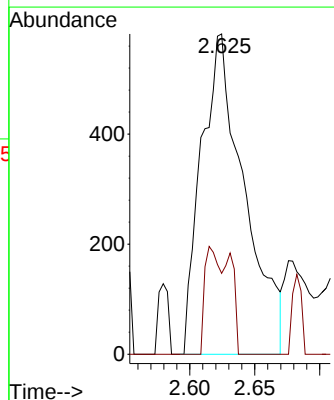
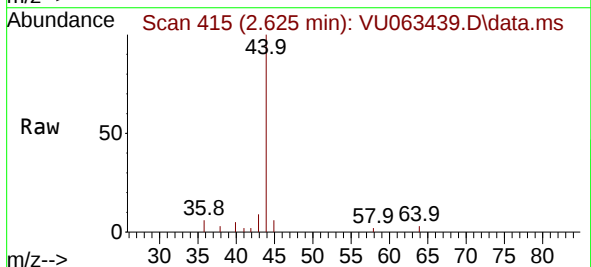
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL02

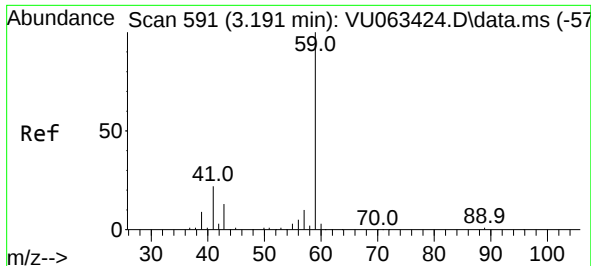
Tgt Ion: 96	Resp: 44134
Ion Ratio	Lower Upper
96 100	
70 19.0	16.4 24.6
95 7.9	6.2 9.2
97 5.3	0.0 0.0



#13
Acetone
Concen: Below Cal
RT: 2.625 min Scan# 415
Delta R.T. 0.007 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

Tgt Ion: 43	Resp: 1339
Ion Ratio	Lower Upper
43 100	
58 25.3	28.3 42.5

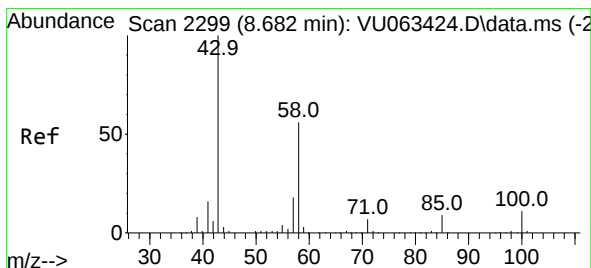
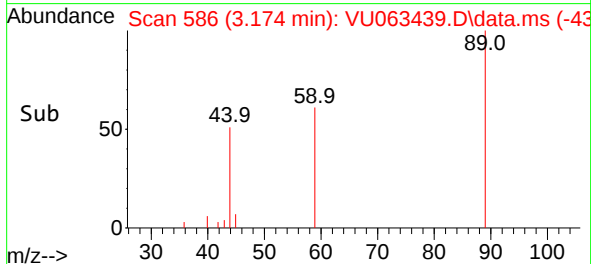
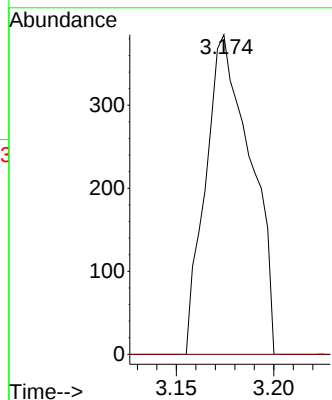
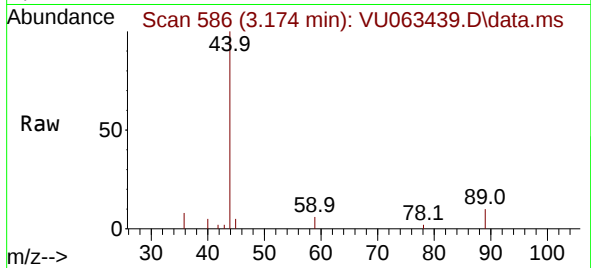




#24
tert-Butyl Alcohol
Concen: 0.561 ug/l
RT: 3.174 min Scan# 591
Delta R.T. -0.016 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

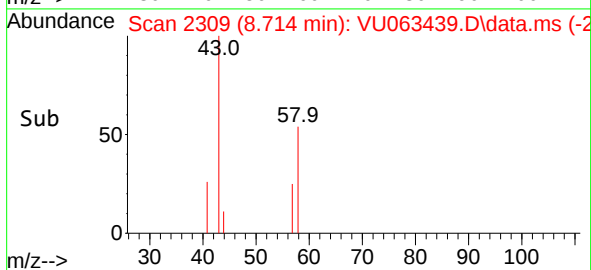
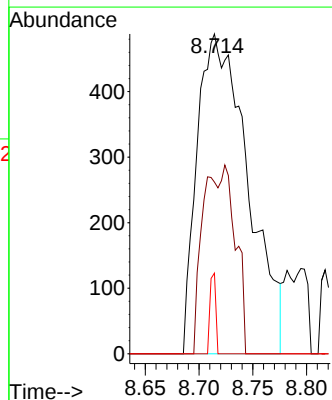
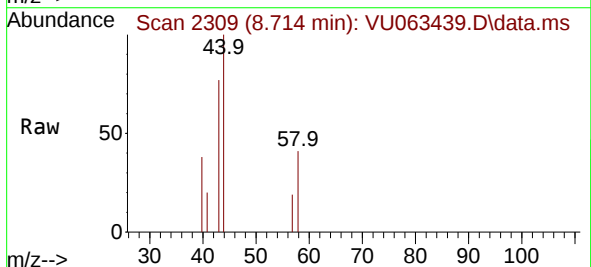
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL02

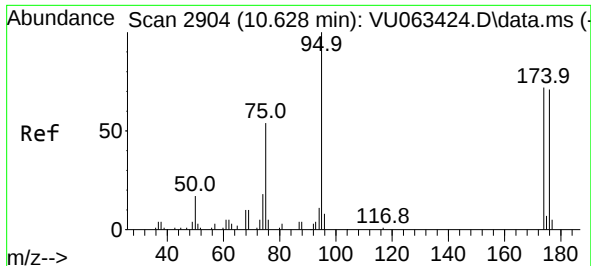
Tgt Ion: 59 Resp: 618
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#54
2-Hexanone
Concen: 1.391 ug/l
RT: 8.714 min Scan# 2309
Delta R.T. 0.032 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 19.3 36.9 76.9#
57 2.9 0.0 38.8





#57

4-Bromofluorobenzene

Concen: 0.724 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU063439.D

Acq: 24 Jun 2025 15:54

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBL02

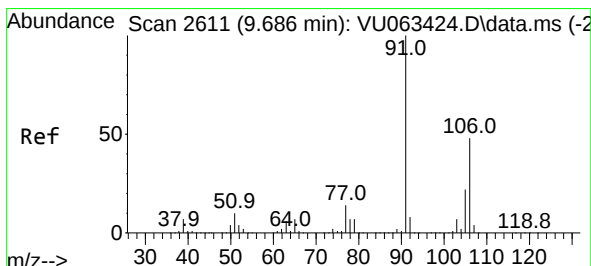
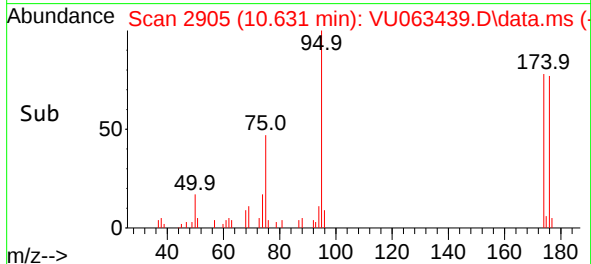
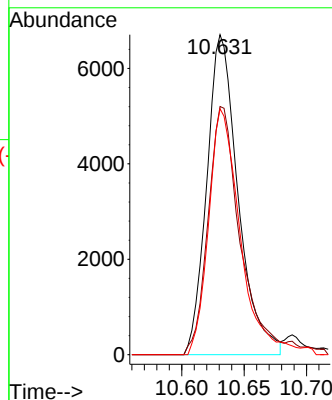
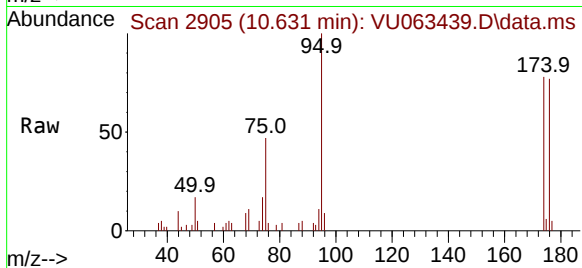
Tgt Ion: 95 Resp: 11724

Ion Ratio Lower Upper

95 100

174 79.2 59.4 89.2

176 78.3 57.8 86.6



#64

m/p-Xylenes

Concen: 0.807 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.006 min

Lab File: VU063439.D

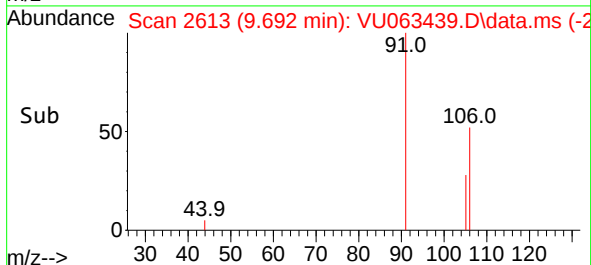
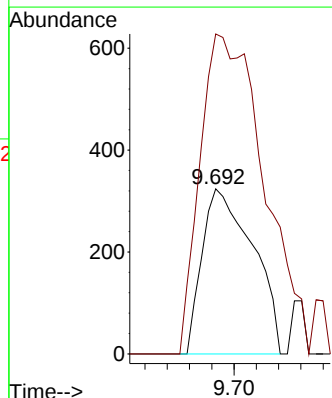
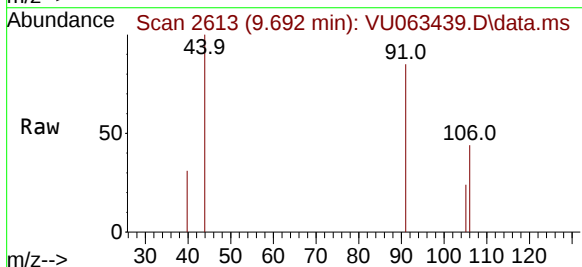
Acq: 24 Jun 2025 15:54

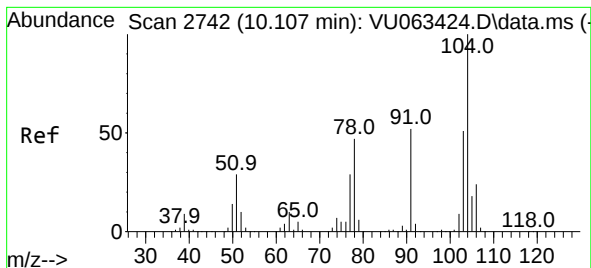
Tgt Ion: 106 Resp: 513

Ion Ratio Lower Upper

106 100

91 243.5 169.9 254.9





#66

Styrene

Concen: 0.425 ug/l

RT: 10.129 min Scan# 21

Delta R.T. 0.022 min

Lab File: VU063439.D

Acq: 24 Jun 2025 15:54

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBL02

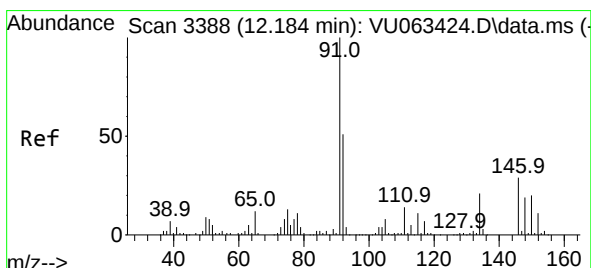
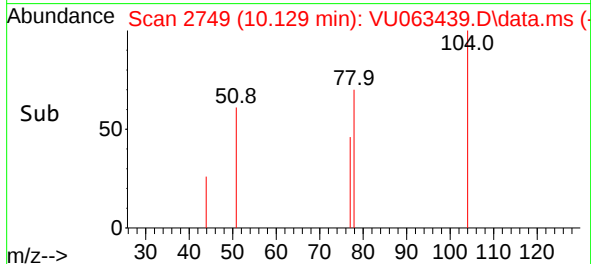
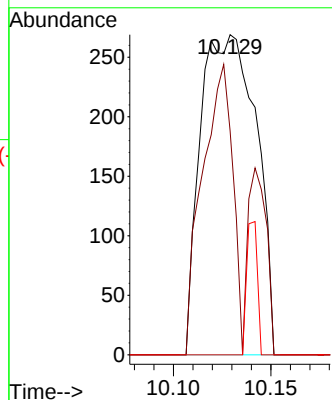
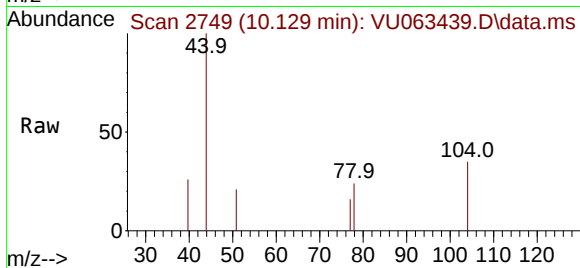
Tgt Ion:104 Resp: 532

Ion Ratio Lower Upper

104 100

78 49.2 41.6 62.4

103 0.0 44.6 67.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.787 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063439.D

Acq: 24 Jun 2025 15:54

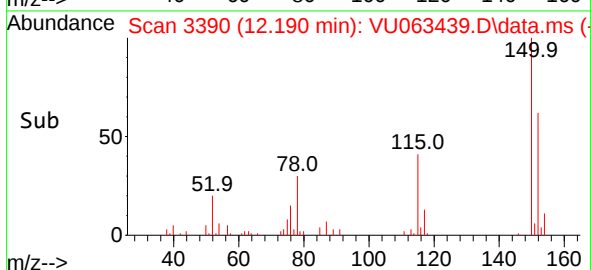
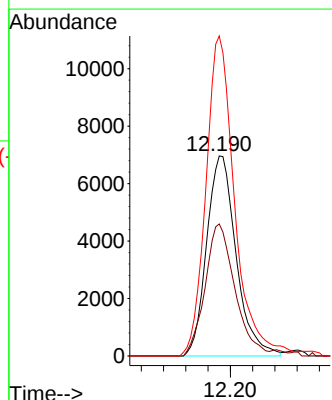
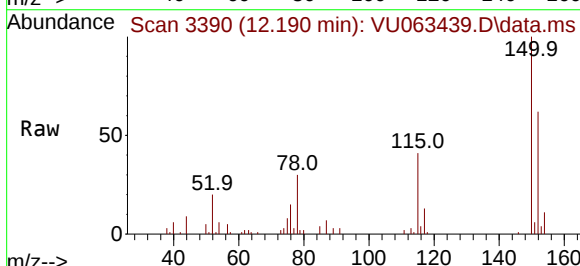
Tgt Ion:152 Resp: 12807

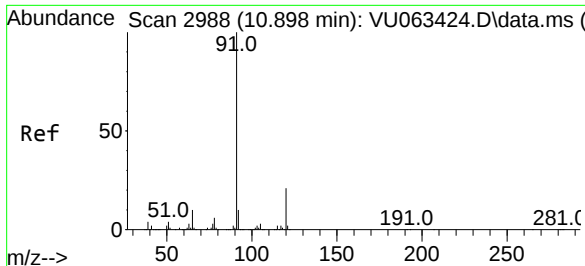
Ion Ratio Lower Upper

152 100

115 66.4 0.0 327.6

150 156.1 0.0 664.4

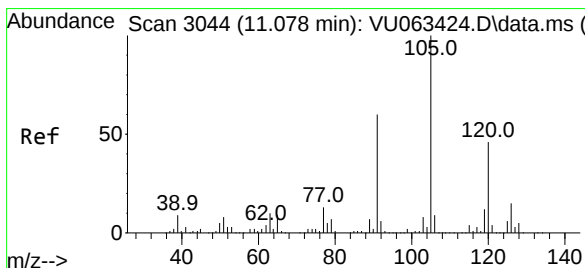
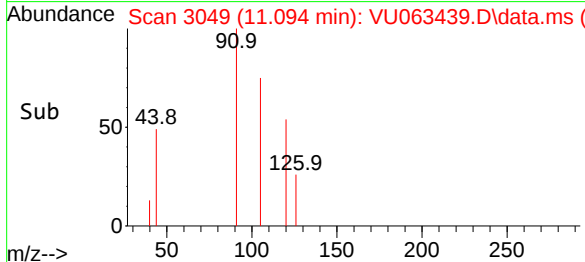
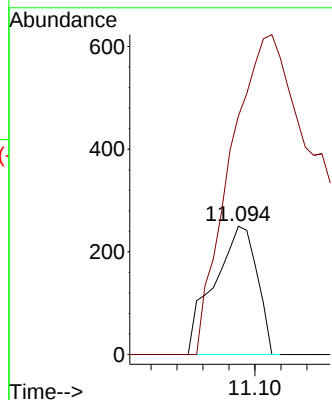
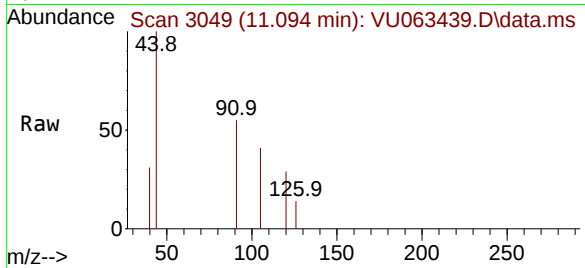




#73
n-propylbenzene
Concen: 0.381 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.196 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

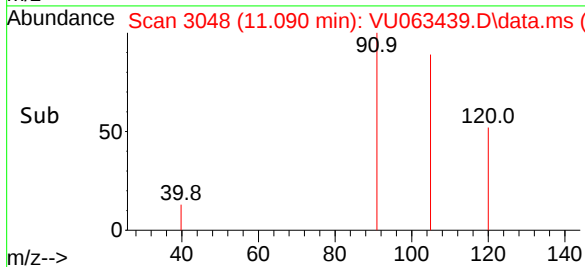
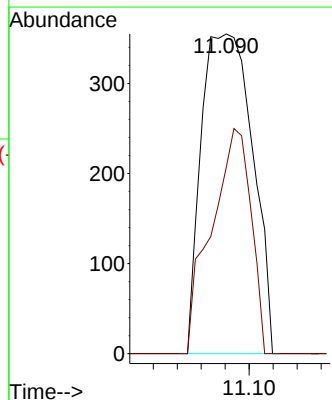
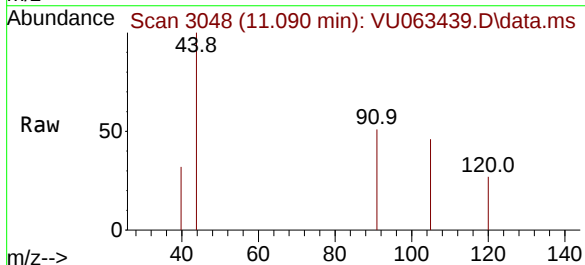
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL02

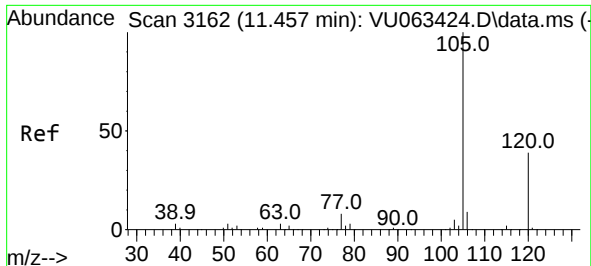
Tgt Ion:120 Resp: 288
Ion Ratio Lower Upper
120 100
91 520.1 373.7 560.5



#75
1,3,5-Trimethylbenzene
Concen: 0.386 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.012 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

Tgt Ion:105 Resp: 527
Ion Ratio Lower Upper
105 100
120 54.6 37.0 55.4

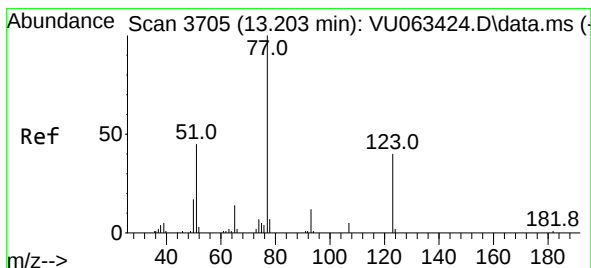
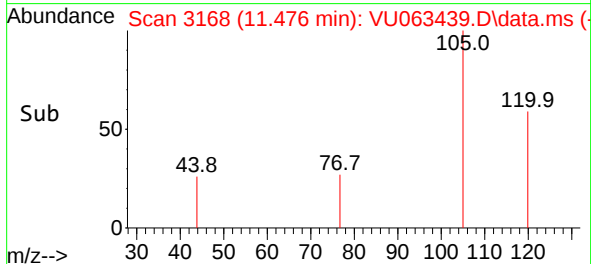
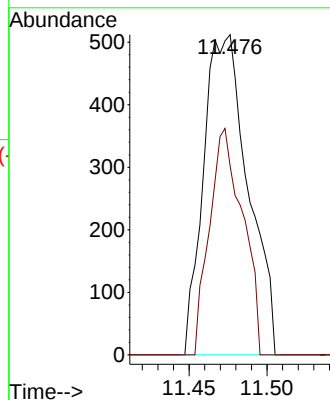
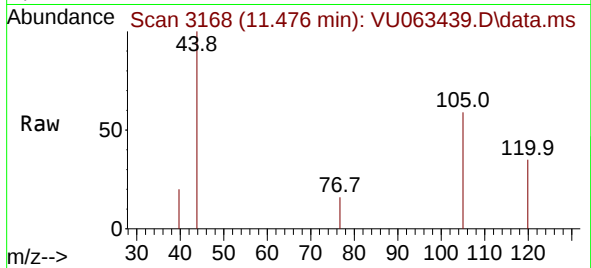




#78
1,2,4-Trimethylbenzene
Concen: 0.435 ug/l
RT: 11.476 min Scan# 3168
Delta R.T. 0.019 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

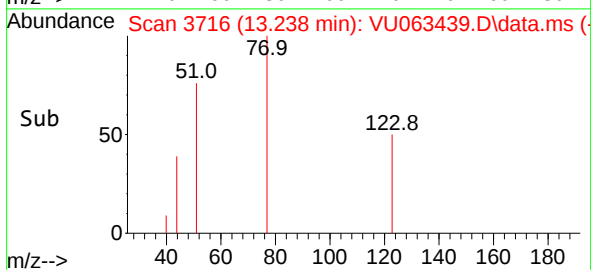
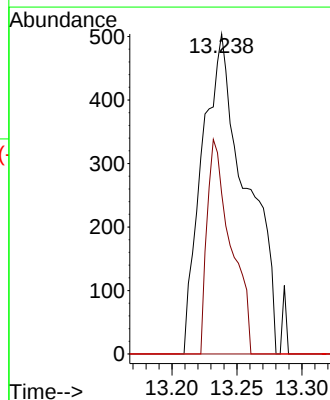
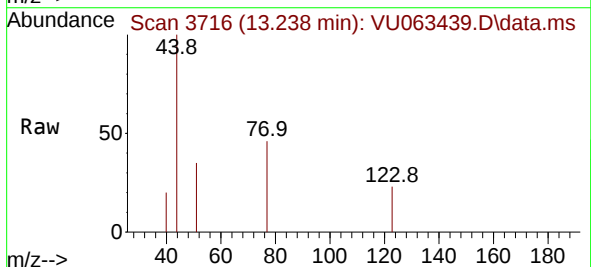
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL02

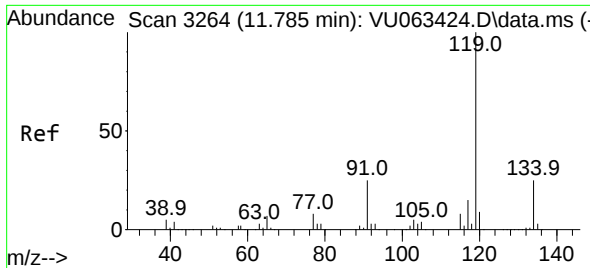
Tgt Ion:105 Resp: 1016
Ion Ratio Lower Upper
105 100
120 52.8 22.1 66.5



#80
Nitrobenzene
Concen: 3.314 ug/l
RT: 13.238 min Scan# 3716
Delta R.T. 0.035 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

Tgt Ion: 77 Resp: 1190
Ion Ratio Lower Upper
77 100
123 36.1 19.6 69.6
65 0.0 10.6 13.4#

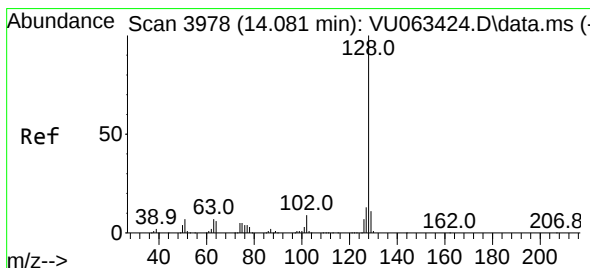
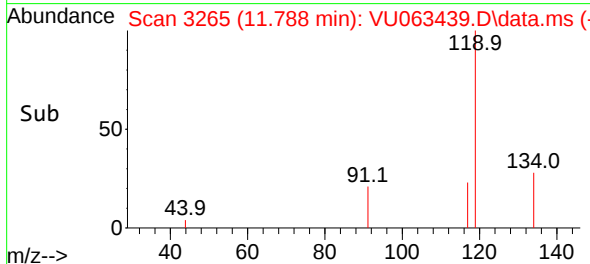
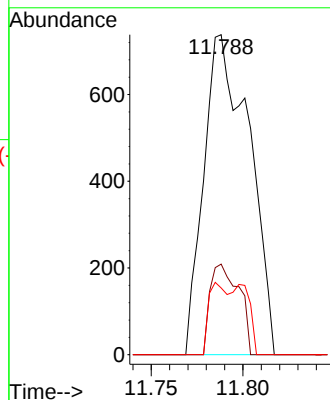
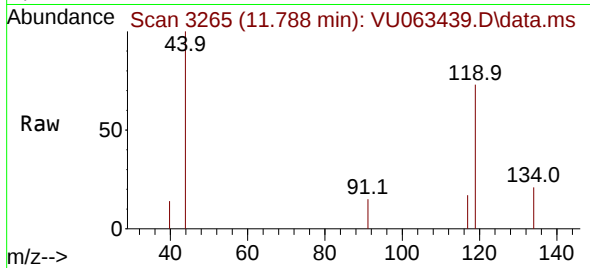




#81
p-Isopropyltoluene
Concen: 0.433 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

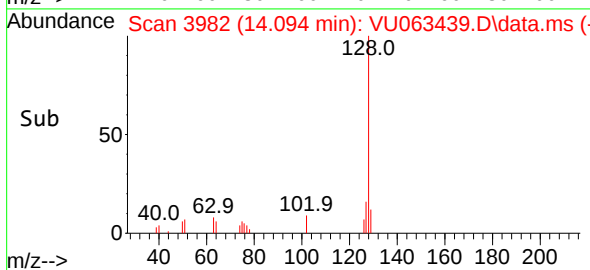
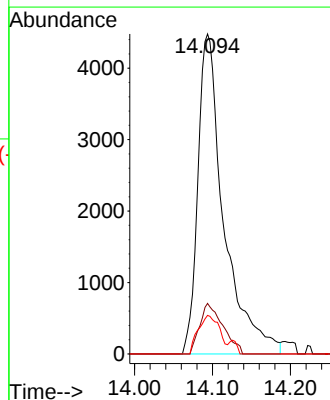
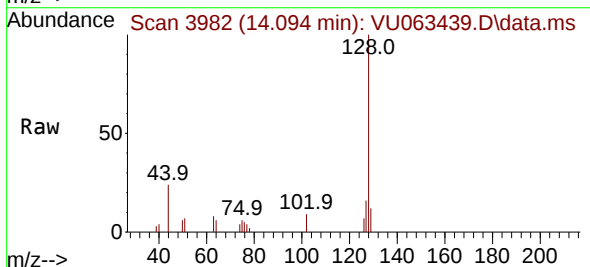
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL02

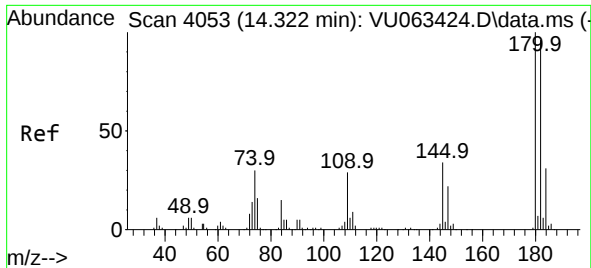
Tgt Ion:119 Resp: 1271
Ion Ratio Lower Upper
119 100
134 18.0 20.2 30.2#
91 9.1 19.7 29.5#



#89
Naphthalene
Concen: 1.189 ug/l
RT: 14.094 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU063439.D
Acq: 24 Jun 2025 15:54

Tgt Ion:128 Resp: 10357
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 10.0 8.7 13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 0.211 ug/l
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.009 min
 Lab File: VU063439.D
 Acq: 24 Jun 2025 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBL02

Tgt Ion:180 Resp: 3106
 Ion Ratio Lower Upper
 180 100
 182 91.3 76.7 115.1
 145 28.2 27.4 41.2

