

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063450.D
 Acq On : 25 Jun 2025 10:26
 Operator : MD/SY
 Sample : VU0625WBL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625WBL01

Quant Time: Jun 26 01:25:04 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)

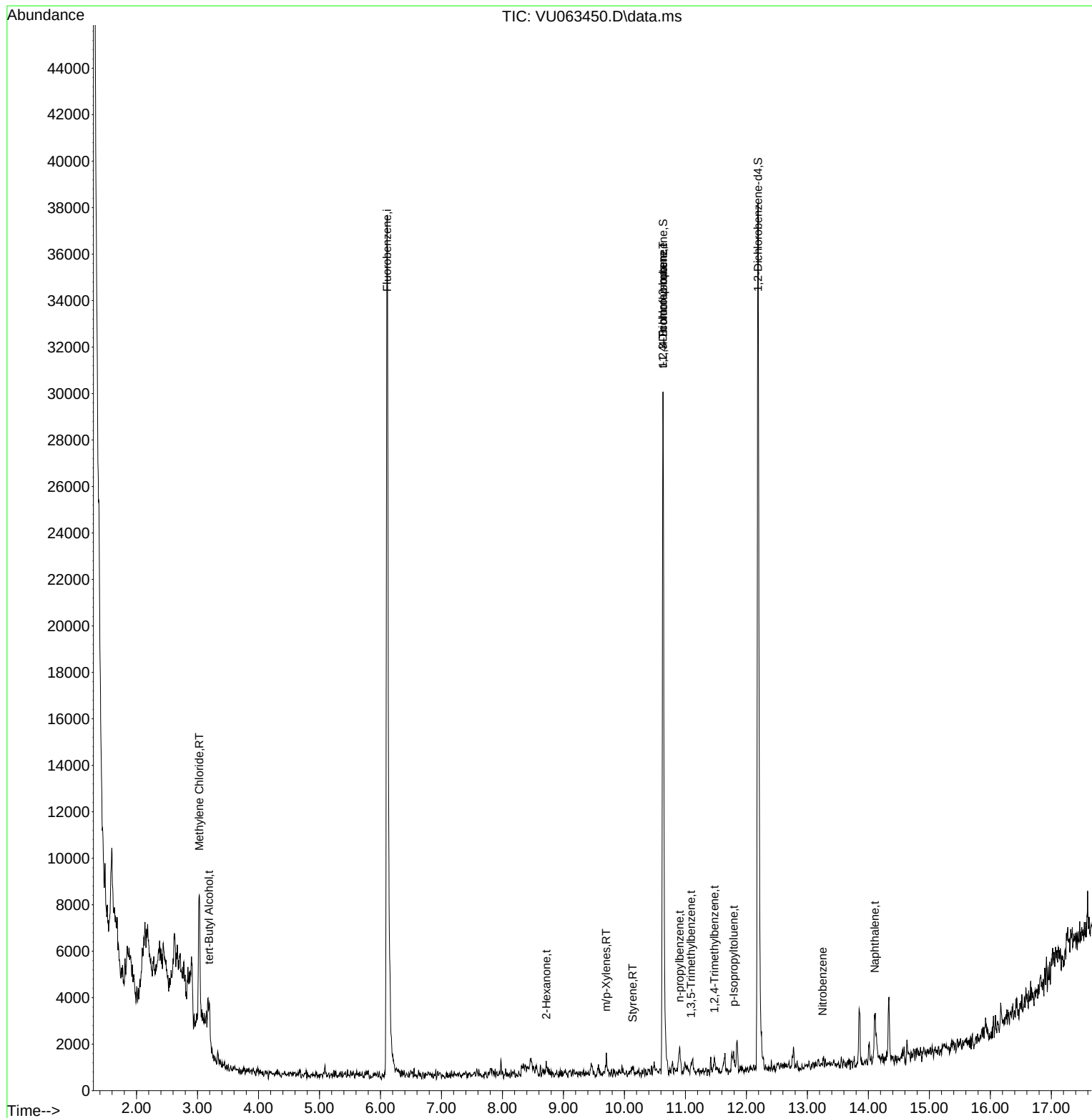
Internal Standards						
1) Fluorobenzene	6.110	96	38219	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	12348	0.880	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12225	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.621	43	1014	Below Cal	#	86
15) Methylene Chloride	3.030	84	2609	0.205	ug/l	92
24) tert-Butyl Alcohol	3.187	59	506	0.530	ug/l	# 73
46) t-1,4-Dichloro-2-butene	10.631	75	5733	2.529	ug/l	# 26
54) 2-Hexanone	8.721	43	451	1.197	ug/l	# 41
64) m/p-Xylenes	9.701	106	381	0.804	ug/l	# 60
66) Styrene	10.135	104	210	0.418	ug/l	# 25
71) 1,2,3-Trichloropropane	10.631	75	5733	0.584	ug/l	# 49
73) n-propylbenzene	10.907	120	109	0.372	ug/l	# 1
75) 1,3,5-Trimethylbenzene	11.094	105	349	0.384	ug/l	# 47
78) 1,2,4-Trimethylbenzene	11.476	105	613	0.430	ug/l	# 65
80) Nitrobenzene	13.251	77	73	1.674	ug/l	# 39
81) p-Isopropyltoluene	11.791	119	651	0.424	ug/l	# 65
89) Naphthalene	14.106	128	3910	1.015	ug/l	# 85

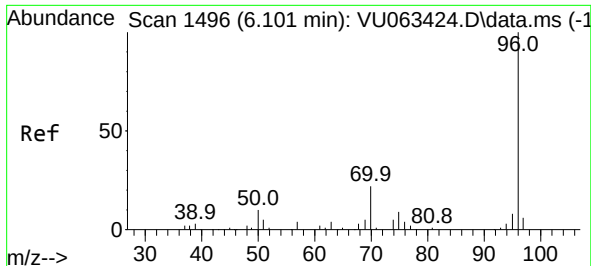
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063450.D
Acq On : 25 Jun 2025 10:26
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Sample : VU0625WBL01
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBL01

Quant Time: Jun 26 01:25:04 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

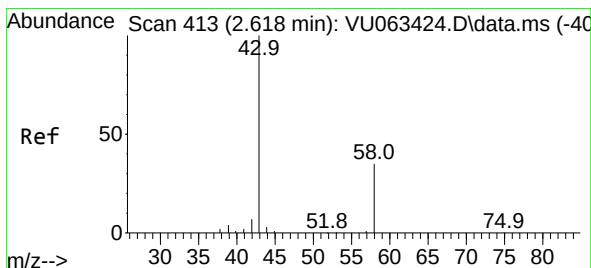
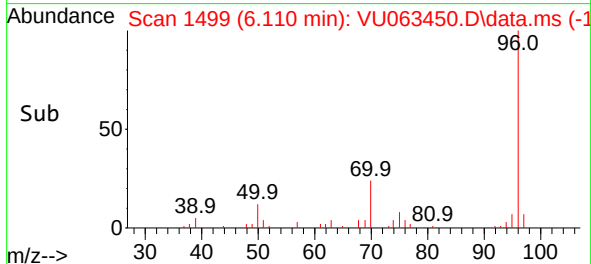
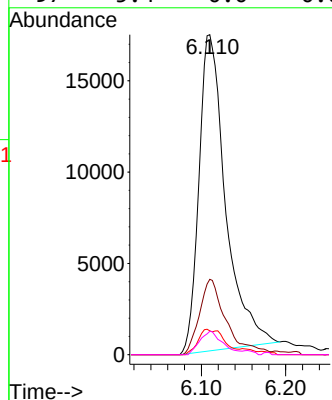
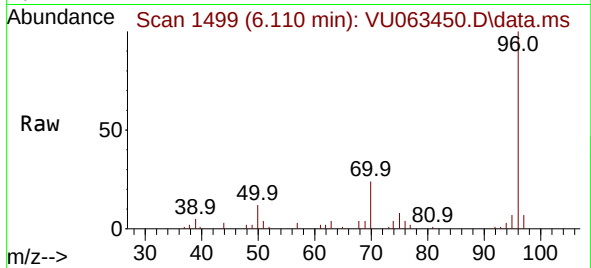




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1496
Delta R.T. 0.009 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

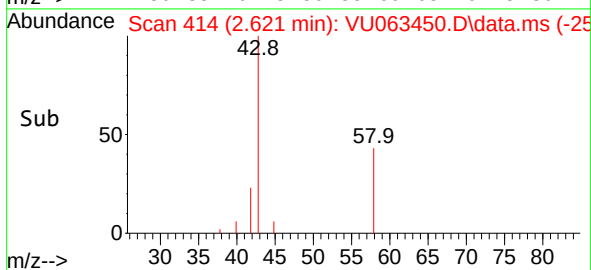
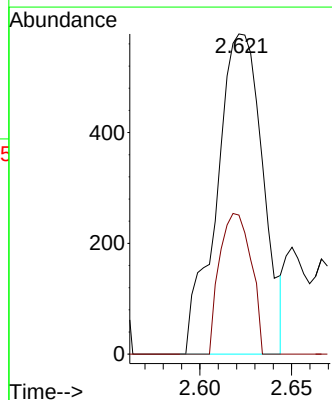
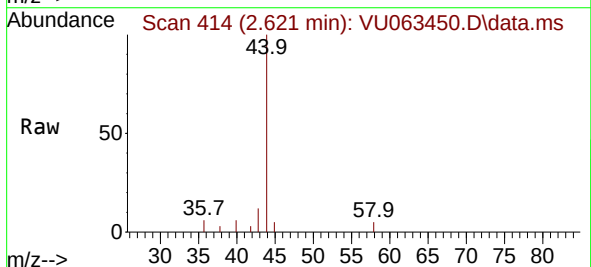
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBL01

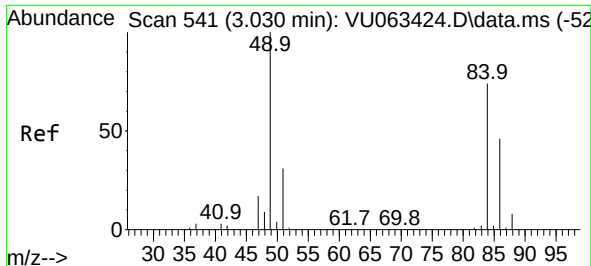
Tgt Ion: 96	Resp: 38219
Ion Ratio	Lower Upper
96 100	
70 22.5	16.4 24.6
95 6.4	6.2 9.2
97 5.4	0.0 0.0



#13
Acetone
Concen: Below Cal
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

Tgt Ion: 43	Resp: 1014
Ion Ratio	Lower Upper
43 100	
58 43.4	28.3 42.5

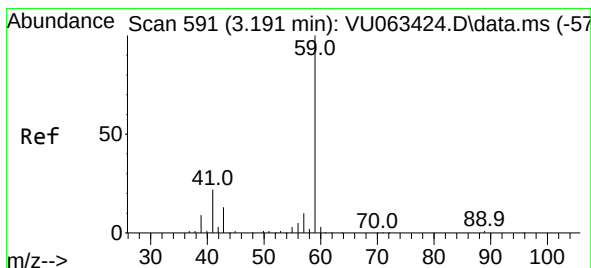
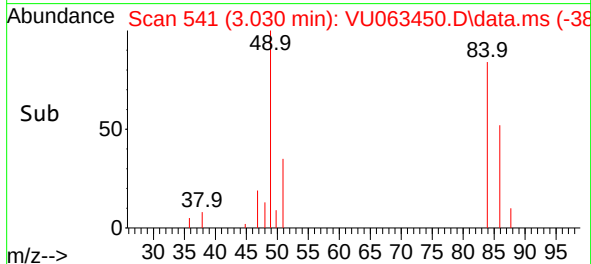
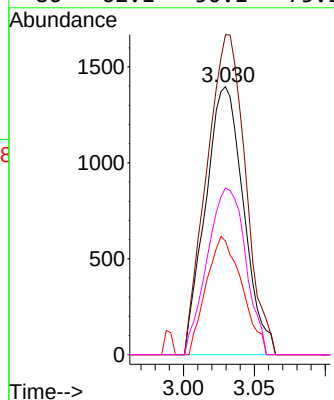
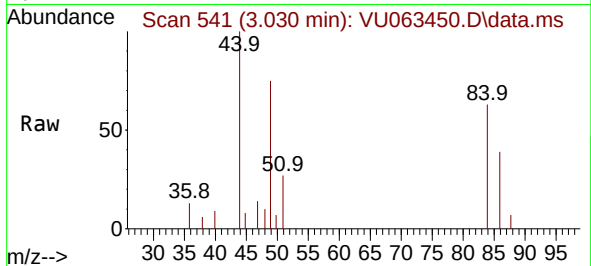




#15
Methylene Chloride
Concen: 0.205 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

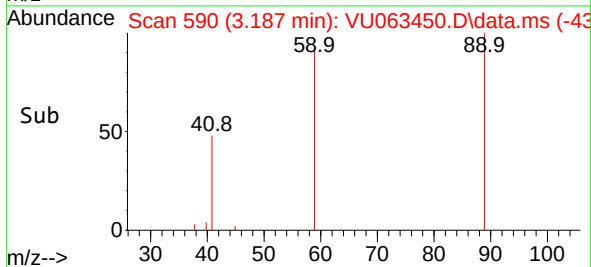
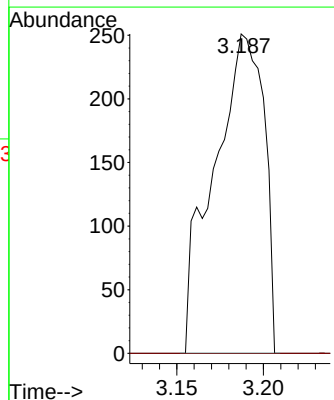
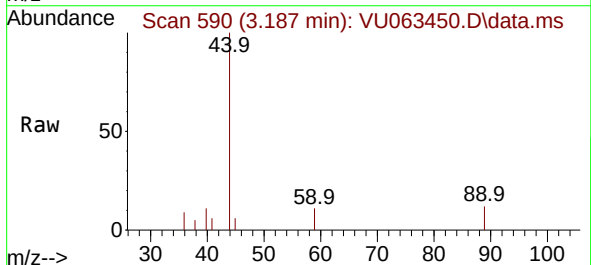
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBL01

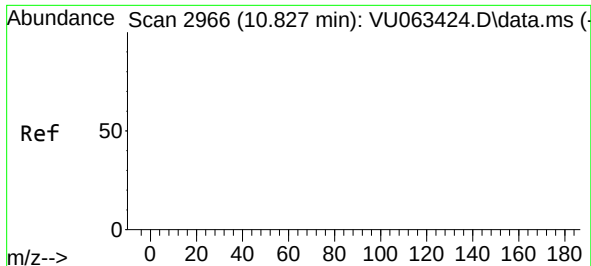
Tgt Ion:	84	Resp:	2609
Ion	Ratio	Lower	Upper
84	100		
49	119.4	108.7	163.1
51	42.4	0.0	83.8
86	62.1	50.1	75.1



#24
tert-Butyl Alcohol
Concen: 0.530 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.004 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

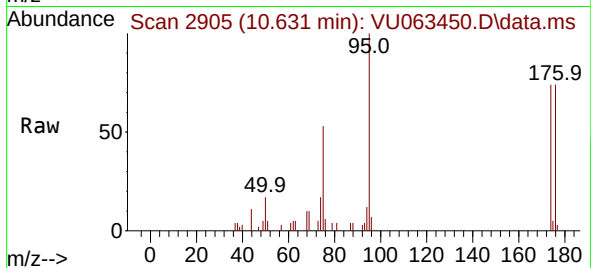
Tgt Ion:	59	Resp:	506
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8





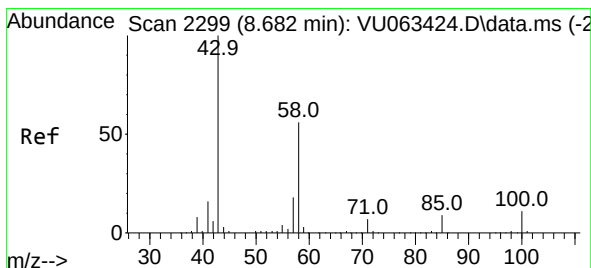
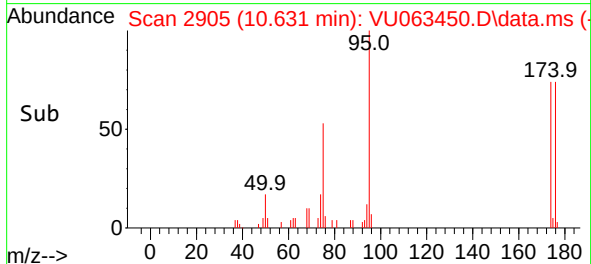
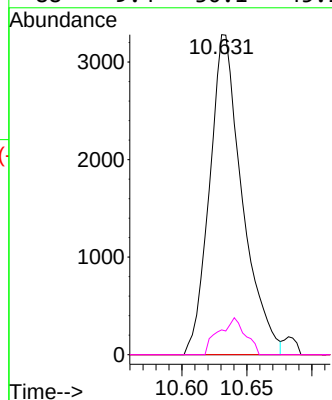
#46
t-1,4-Dichloro-2-butene
Concen: 2.529 ug/l
RT: 10.631 min Scan# 2966
Delta R.T. -0.196 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

Instrument :
MSVOA_U
ClientSampleId :
VU0625WBL01



Tgt Ion: 75 Resp: 5733

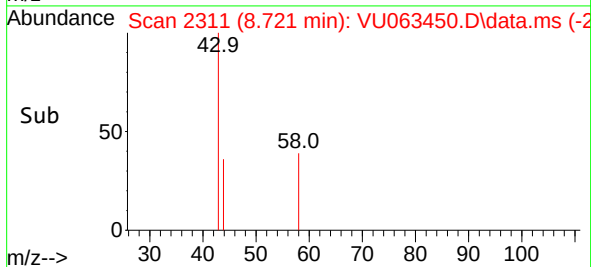
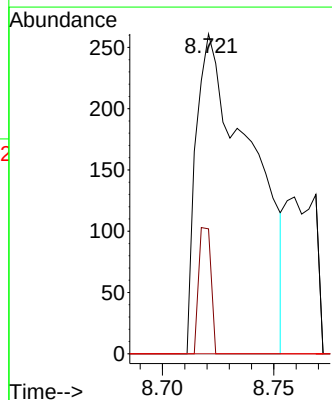
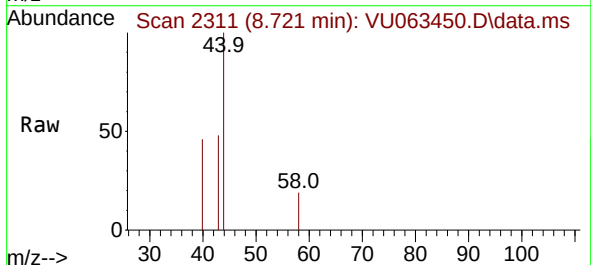
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	39.2	58.8#
88	9.4	30.1	45.1#

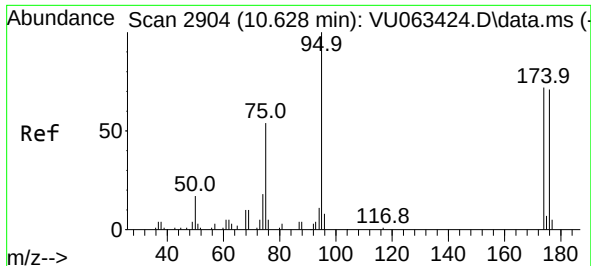


#54
2-Hexanone
Concen: 1.197 ug/l
RT: 8.721 min Scan# 2311
Delta R.T. 0.039 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

Tgt Ion: 43 Resp: 451

Ion	Ratio	Lower	Upper
43	100		
58	8.9	36.9	76.9#
57	0.0	0.0	38.8





#57

4-Bromofluorobenzene

Concen: 0.880 ug/l

RT: 10.634 min Scan# 2906

Delta R.T. 0.006 min

Lab File: VU063450.D

Acq: 25 Jun 2025 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBL01

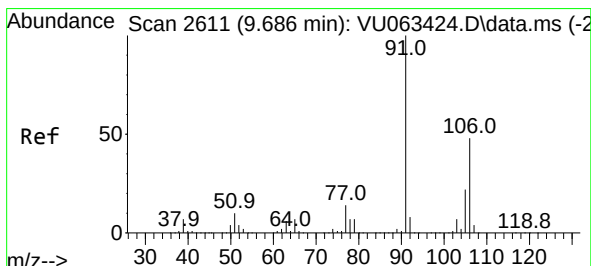
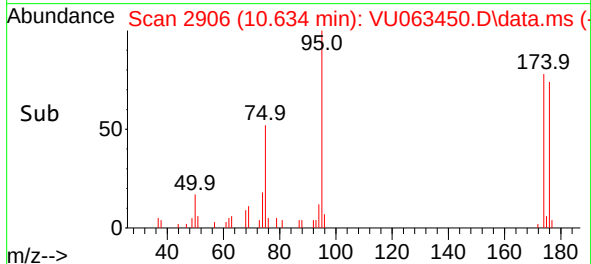
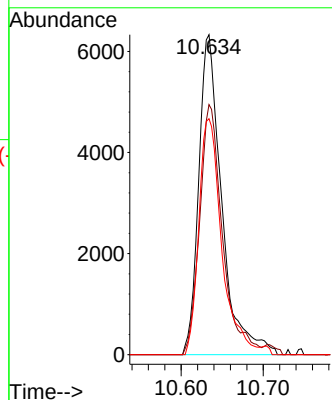
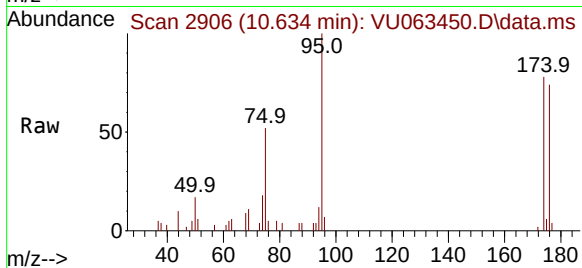
Tgt Ion: 95 Resp: 12348

Ion Ratio Lower Upper

95 100

174 77.6 59.4 89.2

176 73.3 57.8 86.6



#64

m/p-Xylenes

Concen: 0.804 ug/l

RT: 9.701 min Scan# 2616

Delta R.T. 0.015 min

Lab File: VU063450.D

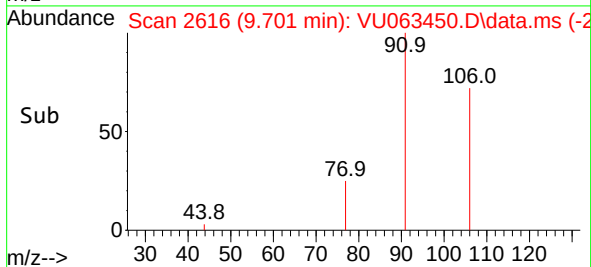
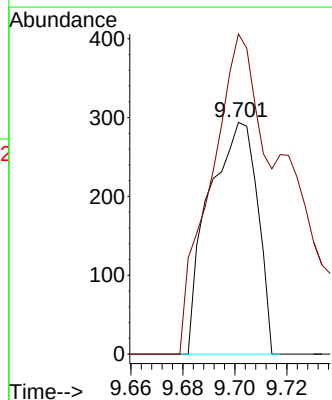
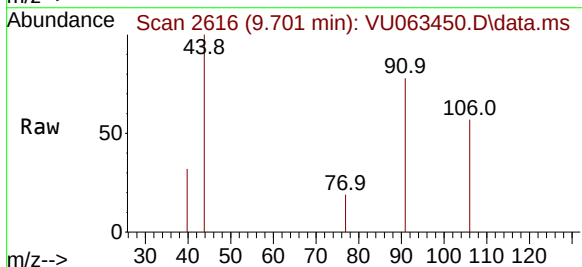
Acq: 25 Jun 2025 10:26

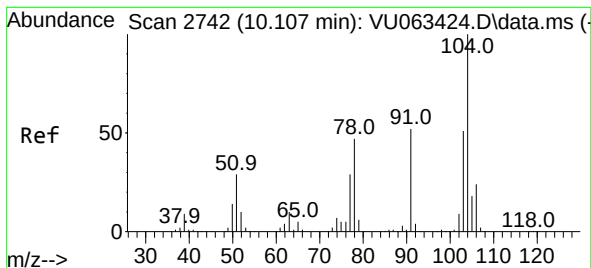
Tgt Ion: 106 Resp: 381

Ion Ratio Lower Upper

106 100

91 149.1 169.9 254.9#





#66

Styrene

Concen: 0.418 ug/l

RT: 10.135 min Scan# 21

Delta R.T. 0.028 min

Lab File: VU063450.D

Acq: 25 Jun 2025 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBL01

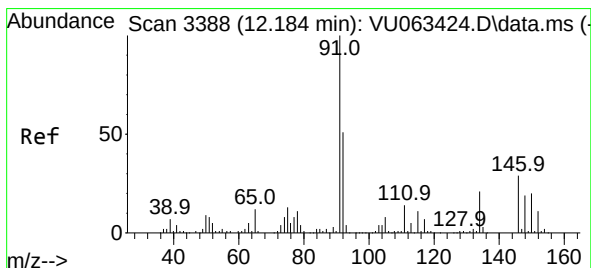
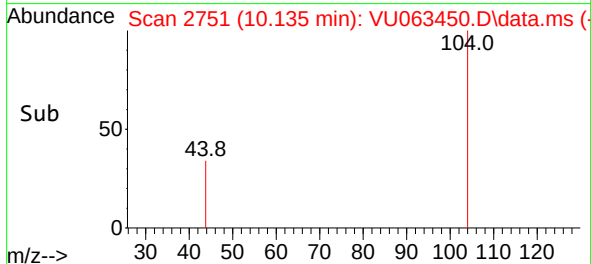
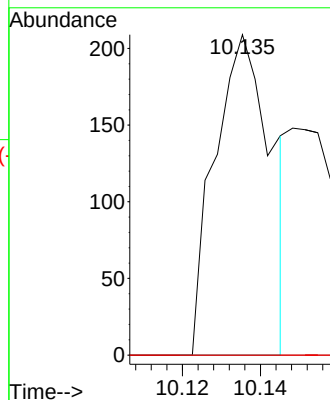
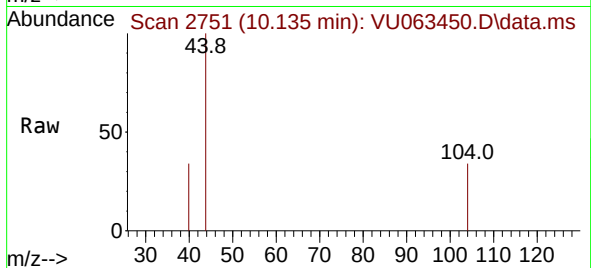
Tgt Ion:104 Resp: 210

Ion Ratio Lower Upper

104 100

78 0.0 41.6 62.4#

103 0.0 44.6 67.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.867 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063450.D

Acq: 25 Jun 2025 10:26

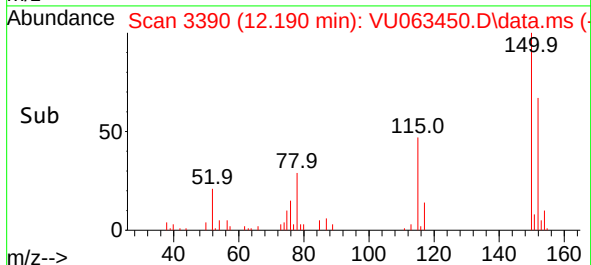
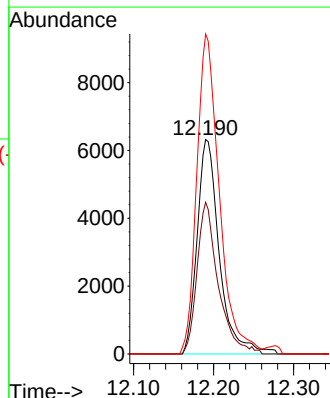
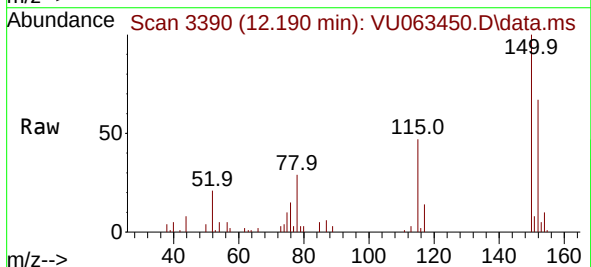
Tgt Ion:152 Resp: 12225

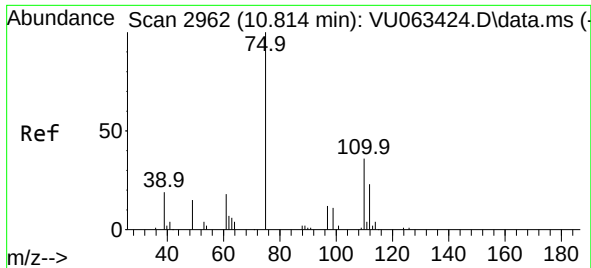
Ion Ratio Lower Upper

152 100

115 67.6 0.0 327.6

150 151.8 0.0 664.4

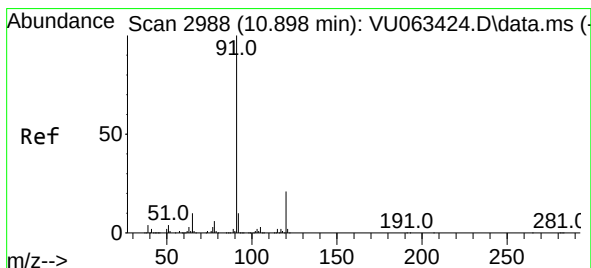
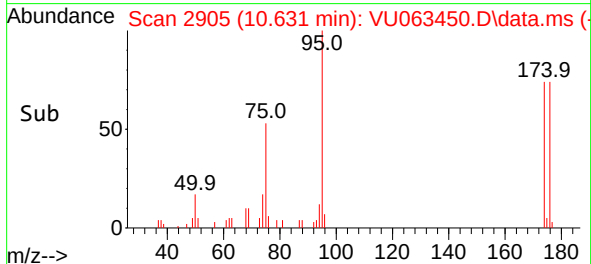
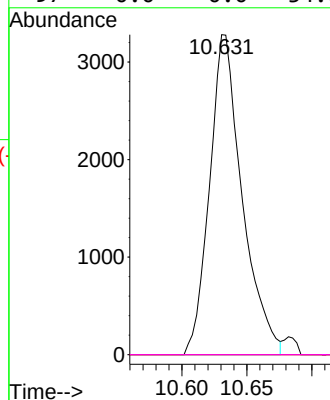
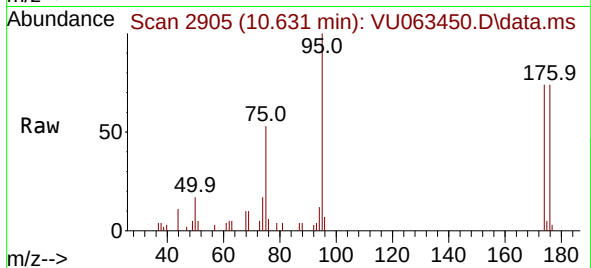




#71
1,2,3-Trichloropropane
Concen: 0.584 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. -0.184 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

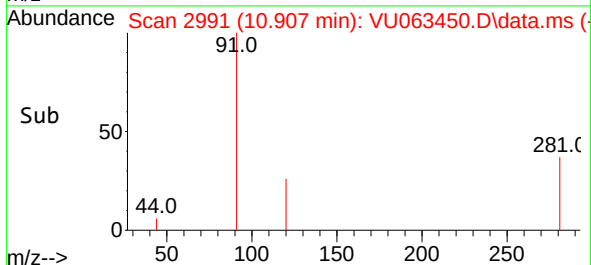
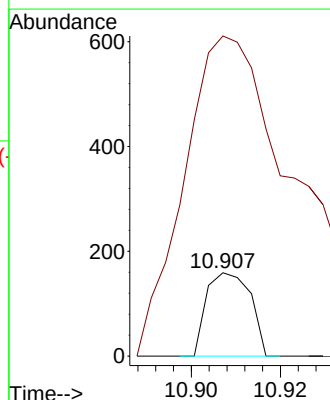
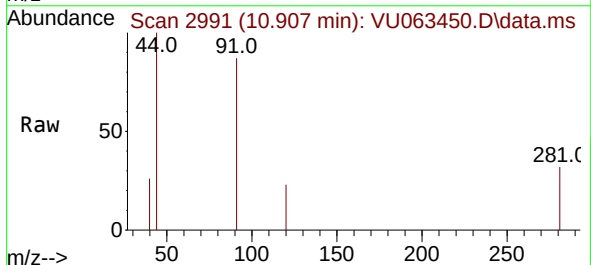
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBL01

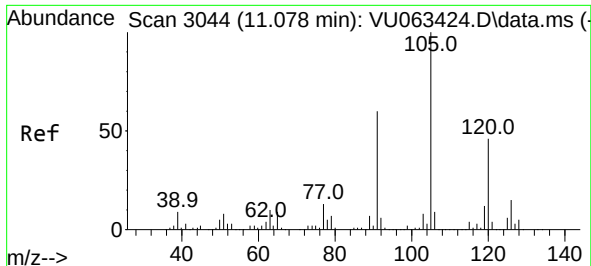
Tgt Ion: 75 Resp: 5733
Ion Ratio Lower Upper
75 100
77 5.8 0.0 0.0#
110 0.0 0.0 63.4
97 0.0 0.0 34.0



#73
n-propylbenzene
Concen: 0.372 ug/l
RT: 10.907 min Scan# 2991
Delta R.T. 0.009 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

Tgt Ion: 120 Resp: 109
Ion Ratio Lower Upper
120 100
91 962.4 373.7 560.5#





#75

1,3,5-Trimethylbenzene

Concen: 0.384 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.016 min

Lab File: VU063450.D

Acq: 25 Jun 2025 10:26

Instrument :

MSVOA_U

ClientSampleId :

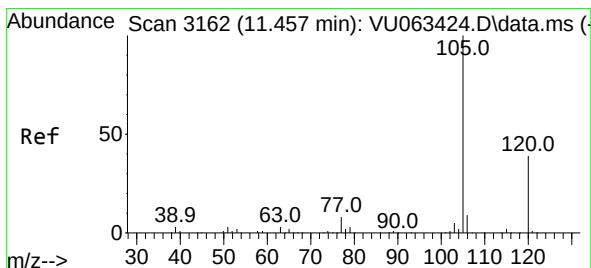
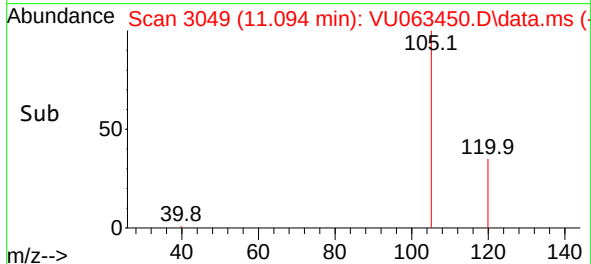
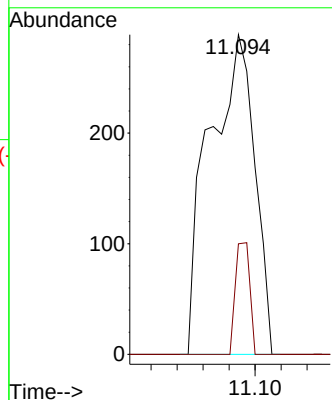
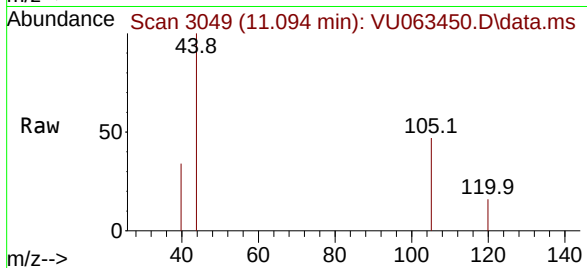
VU0625WBL01

Tgt Ion:105 Resp: 349

Ion Ratio Lower Upper

105 100

120 11.2 37.0 55.4#



#78

1,2,4-Trimethylbenzene

Concen: 0.430 ug/l

RT: 11.476 min Scan# 3168

Delta R.T. 0.019 min

Lab File: VU063450.D

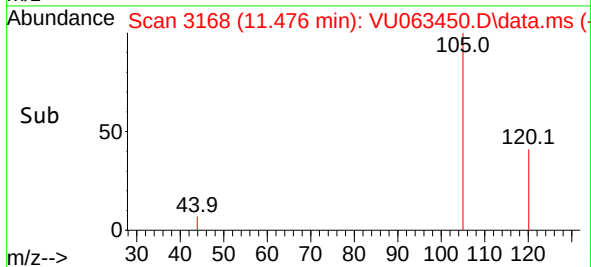
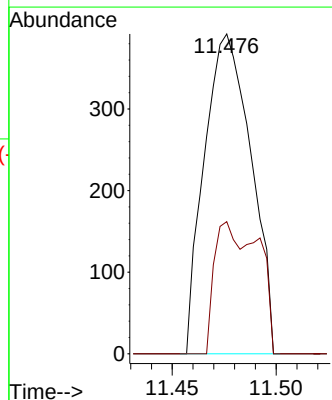
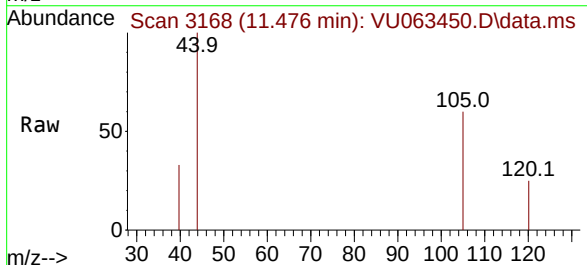
Acq: 25 Jun 2025 10:26

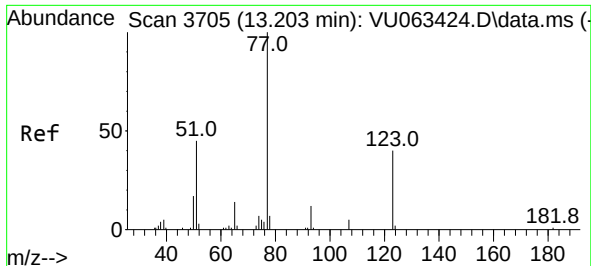
Tgt Ion:105 Resp: 613

Ion Ratio Lower Upper

105 100

120 21.9 22.1 66.5#

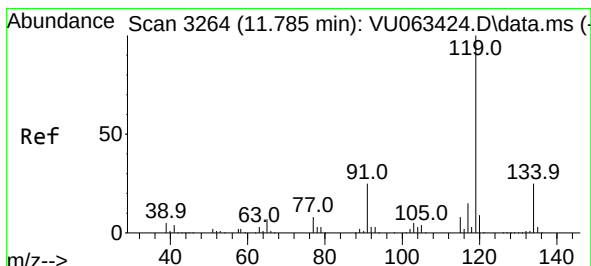
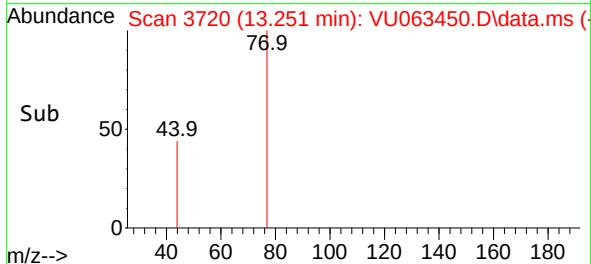
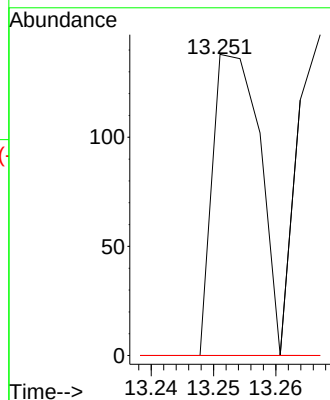
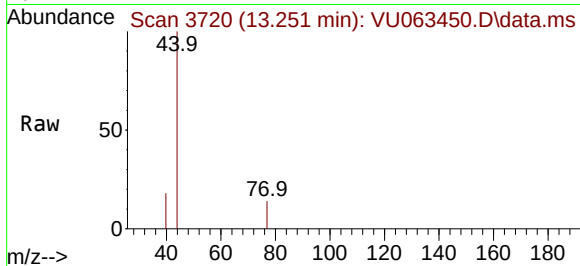




#80
Nitrobenzene
Concen: 1.674 ug/l
RT: 13.251 min Scan# 31
Delta R.T. 0.048 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

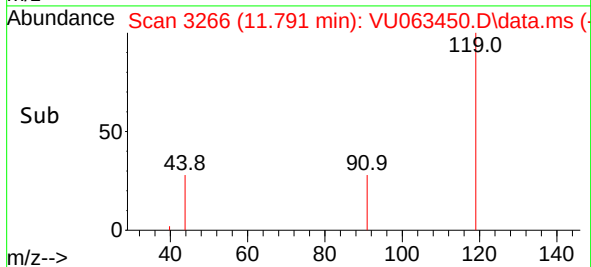
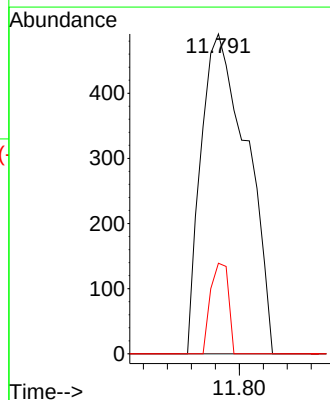
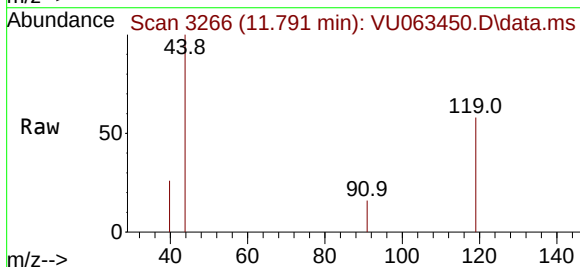
Instrument :
MSVOA_U
ClientSampleId :
VU0625WBL01

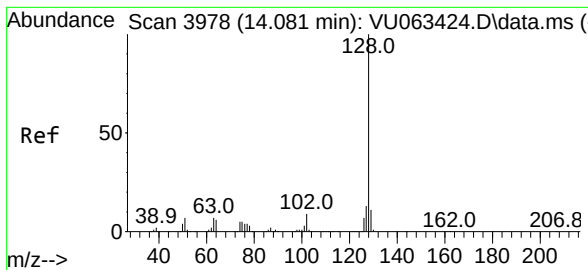
Tgt Ion: 77 Resp: 73
Ion Ratio Lower Upper
77 100
123 0.0 19.6 69.6#
65 0.0 10.6 13.4#



#81
p-Isopropyltoluene
Concen: 0.424 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.006 min
Lab File: VU063450.D
Acq: 25 Jun 2025 10:26

Tgt Ion: 119 Resp: 651
Ion Ratio Lower Upper
119 100
134 3.4 20.2 30.2#
91 11.1 19.7 29.5#





#89

Naphthalene

Concen: 1.015 ug/l

RT: 14.106 min Scan# 3978

Delta R.T. 0.025 min

Lab File: VU063450.D

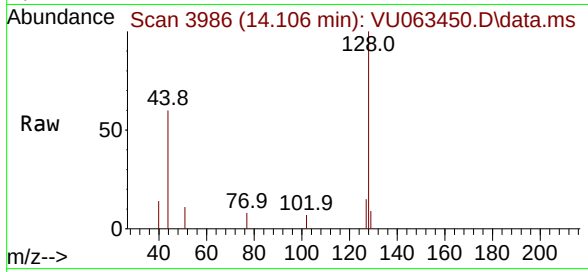
Acq: 25 Jun 2025 10:26

Instrument :

MSVOA_U

ClientSampleId :

VU0625WBL01



Tgt Ion:128 Resp: 3910

Ion Ratio Lower Upper

128 100

127 9.3 10.4 15.6#

129 2.4 8.7 13.1#

