

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063431.D
 Acq On : 24 Jun 2025 11:14
 Operator : MD/SY
 Sample : VU0624WBL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBL01

Quant Time: Jun 25 01:30:22 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)

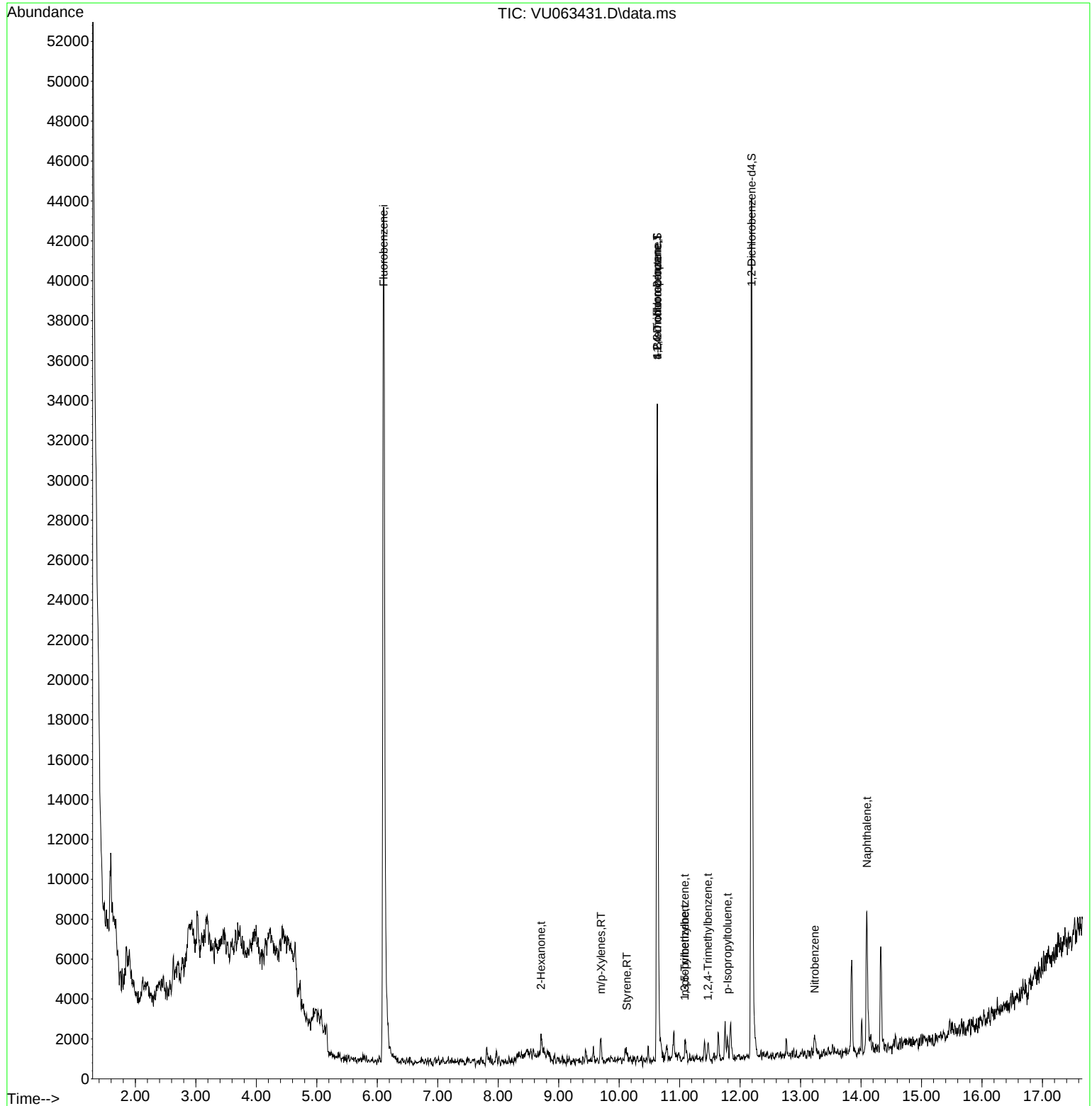
Internal Standards						
1) Fluorobenzene	6.106	96	48463	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13246	0.744	ug/l	0.00
Spiked Amount 1.000			Recovery	=	74.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13088	0.732	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.000%	
Target Compounds						
13) Acetone	2.621	43	845	Below Cal		Qvalue 97
46) t-1,4-Dichloro-2-butene	10.630	75	6684	2.325	ug/l #	25
54) 2-Hexanone	8.708	43	911	1.252	ug/l	97
64) m/p-Xylenes	9.701	106	338	0.799	ug/l #	1
66) Styrene	10.126	104	331	0.419	ug/l #	64
71) 1,2,3-Trichloropropane	10.630	75	6684	0.537	ug/l #	49
73) n-propylbenzene	11.087	120	235	0.377	ug/l	70
75) 1,3,5-Trimethylbenzene	11.084	105	527	0.385	ug/l	98
78) 1,2,4-Trimethylbenzene	11.466	105	899	0.432	ug/l	78
80) Nitrobenzene	13.235	77	752	2.565	ug/l #	58
81) p-Isopropyltoluene	11.791	119	1105	0.429	ug/l #	82
89) Naphthalene	14.096	128	8236	1.104	ug/l #	94

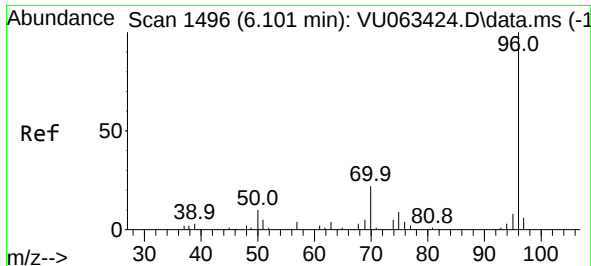
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU063431.D
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Quant Time: Jun 25 01:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
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QLast Update : Tue Jun 24 05:06:50 2025
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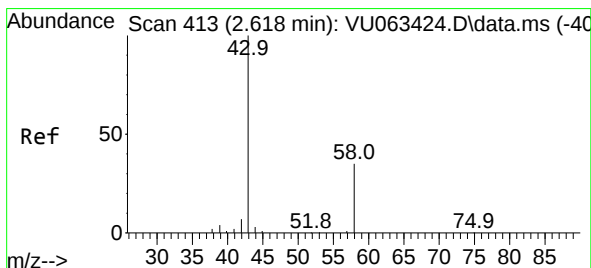
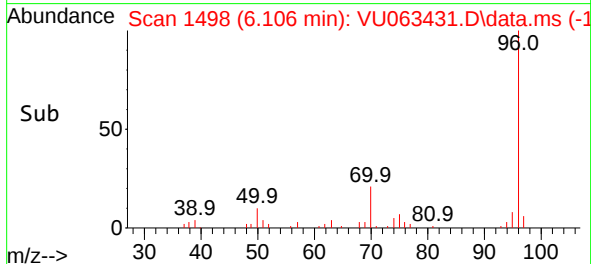
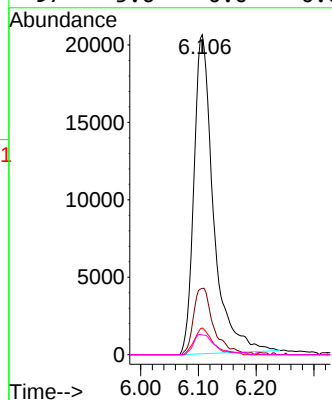
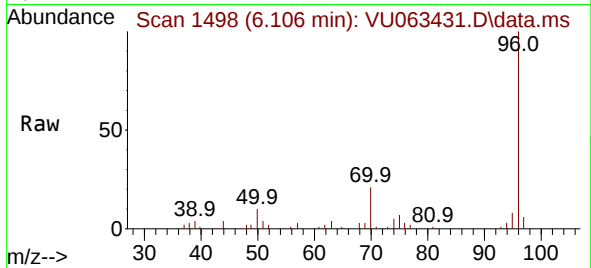




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1496
Delta R.T. 0.005 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

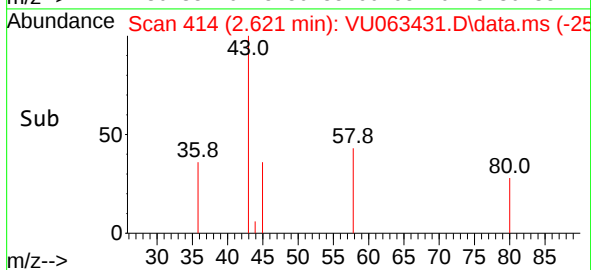
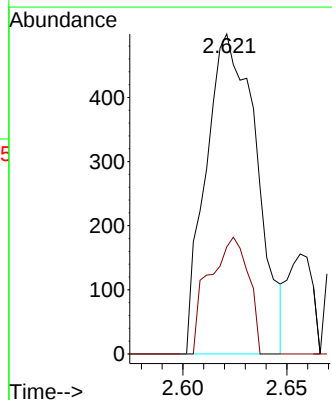
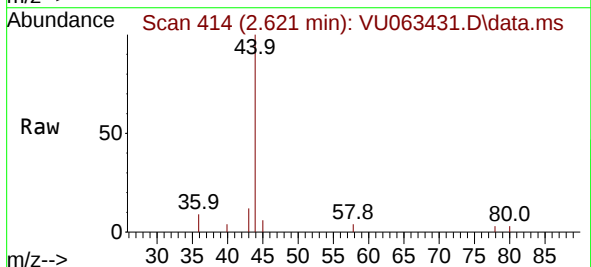
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL01

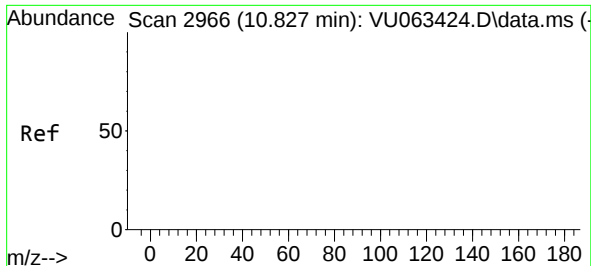
Tgt Ion: 96	Resp: 48463
Ion Ratio	Lower Upper
96 100	
70 20.6	16.4 24.6
95 8.1	6.2 9.2
97 5.6	0.0 0.0



#13
Acetone
Concen: Below Cal
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 43	Resp: 845
Ion Ratio	Lower Upper
43 100	
58 33.5	28.3 42.5

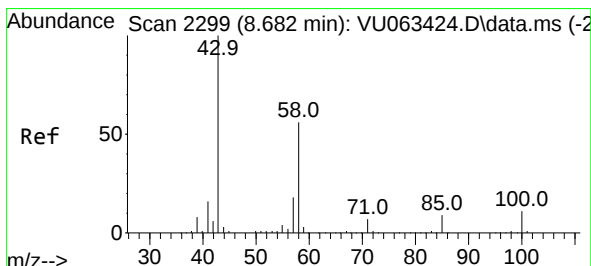
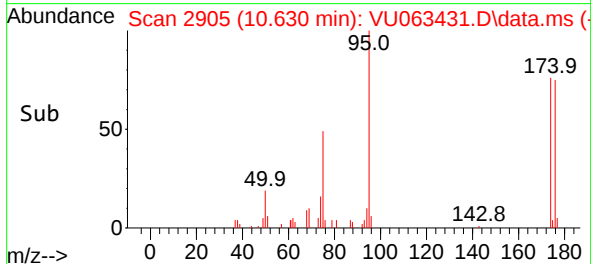
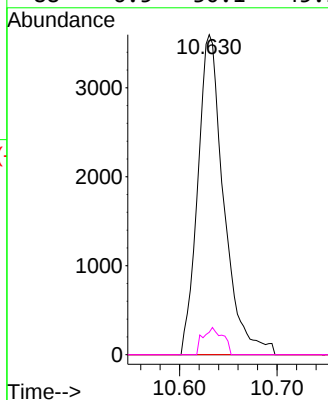
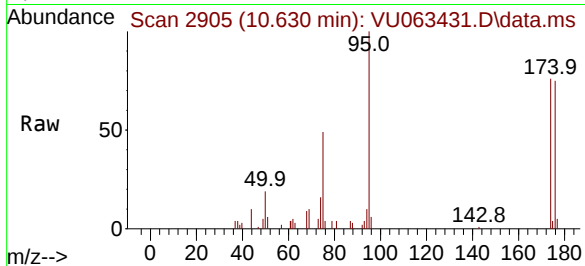




#46
t-1,4-Dichloro-2-butene
Concen: 2.325 ug/l
RT: 10.630 min Scan# 2966
Delta R.T. -0.197 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

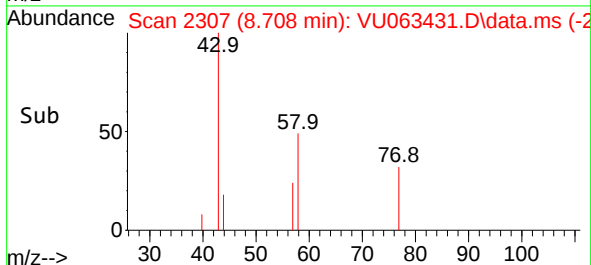
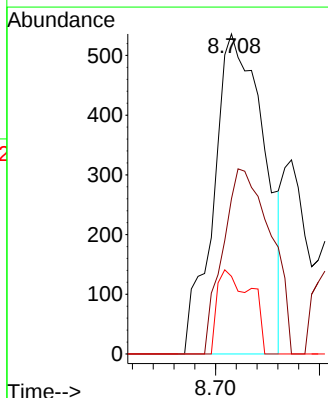
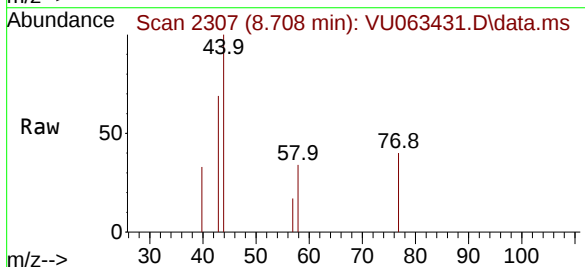
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL01

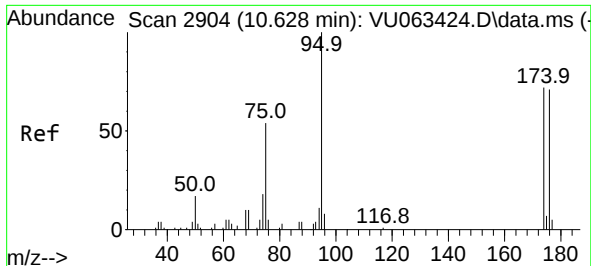
Tgt Ion:	75	Resp:	6684
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	39.2	58.8#
88	6.5	30.1	45.1#



#54
2-Hexanone
Concen: 1.252 ug/l
RT: 8.708 min Scan# 2307
Delta R.T. 0.026 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

Tgt Ion:	43	Resp:	911
Ion	Ratio	Lower	Upper
43	100		
58	54.4	36.9	76.9
57	17.3	0.0	38.8





#57

4-Bromofluorobenzene

Concen: 0.744 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.002 min

Lab File: VU063431.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBL01

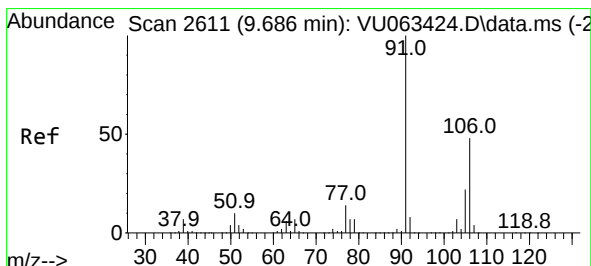
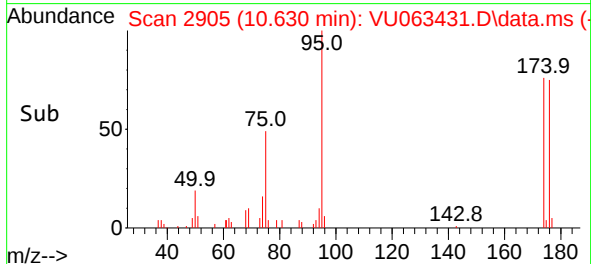
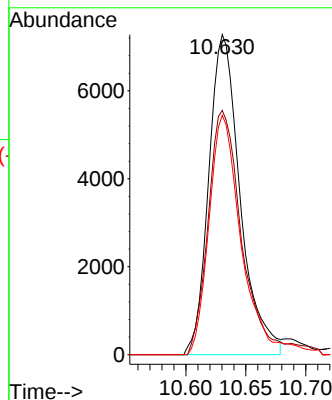
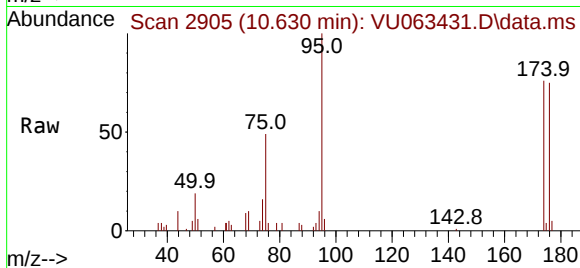
Tgt Ion: 95 Resp: 13246

Ion Ratio Lower Upper

95 100

174 83.2 59.4 89.2

176 77.5 57.8 86.6



#64

m/p-Xylenes

Concen: 0.799 ug/l

RT: 9.701 min Scan# 2616

Delta R.T. 0.015 min

Lab File: VU063431.D

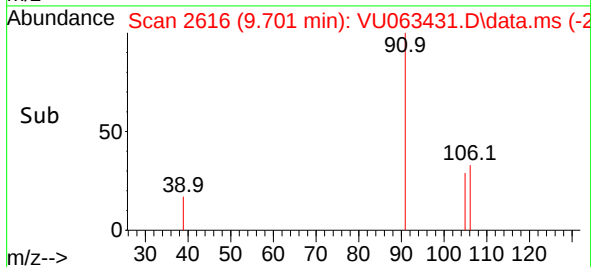
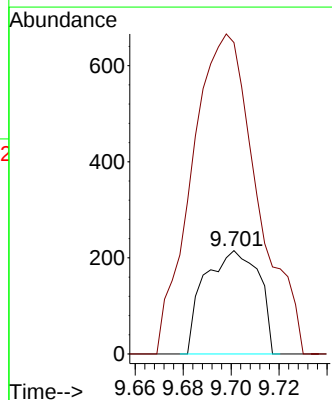
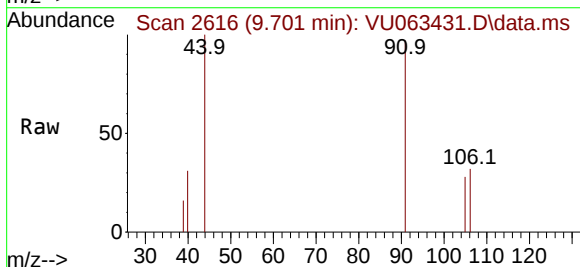
Acq: 24 Jun 2025 11:14

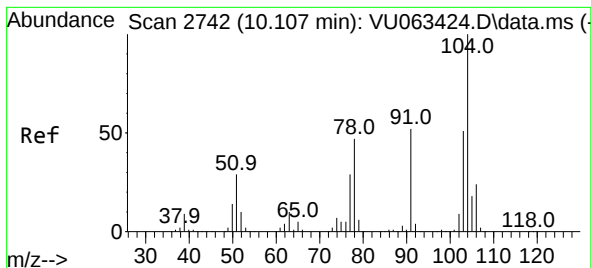
Tgt Ion: 106 Resp: 338

Ion Ratio Lower Upper

106 100

91 372.8 169.9 254.9#





#66

Styrene

Concen: 0.419 ug/l

RT: 10.126 min Scan# 21

Delta R.T. 0.019 min

Lab File: VU063431.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBL01

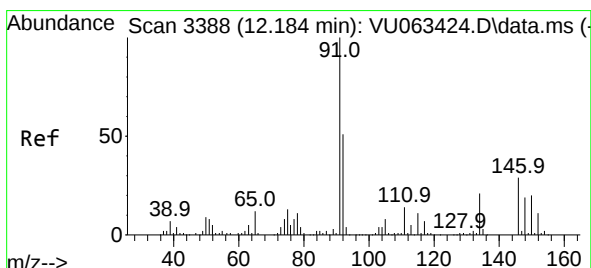
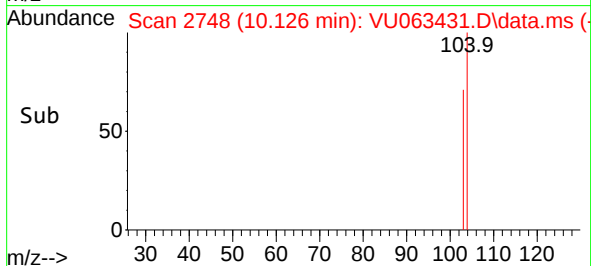
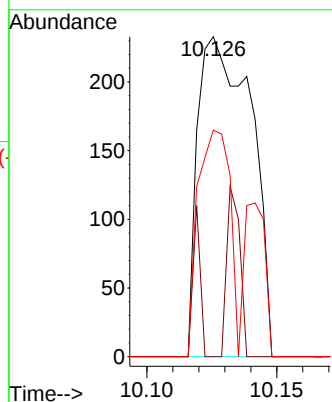
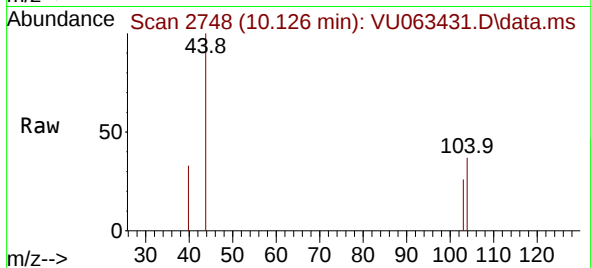
Tgt Ion:104 Resp: 331

Ion Ratio Lower Upper

104 100

78 13.0 41.6 62.4#

103 42.3 44.6 67.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.732 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063431.D

Acq: 24 Jun 2025 11:14

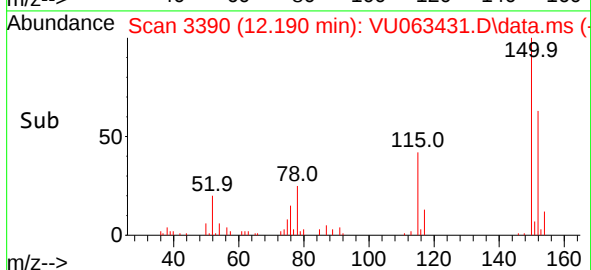
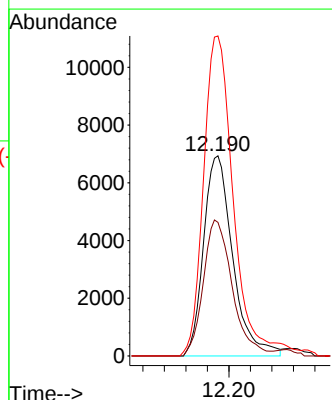
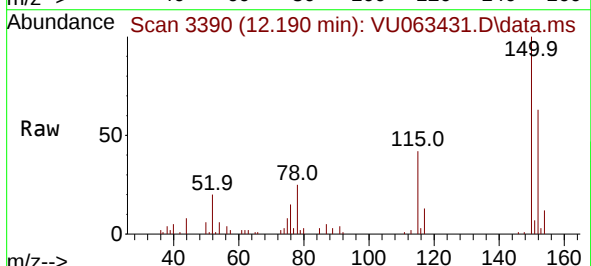
Tgt Ion:152 Resp: 13088

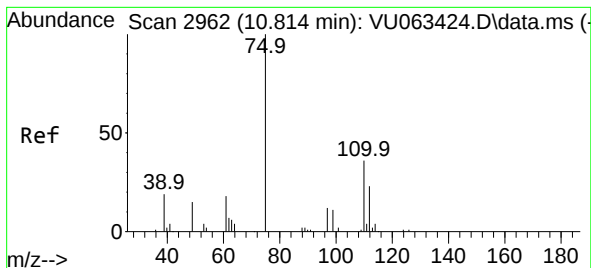
Ion Ratio Lower Upper

152 100

115 67.2 0.0 327.6

150 164.7 0.0 664.4

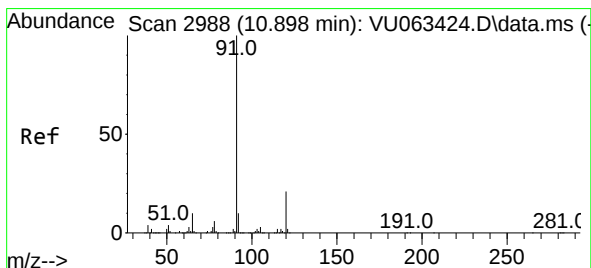
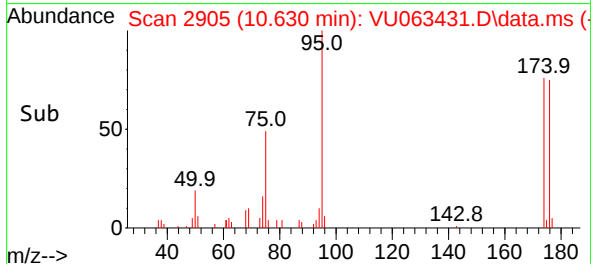
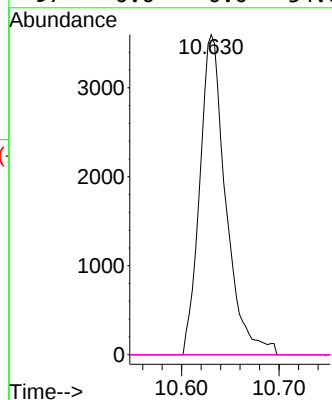
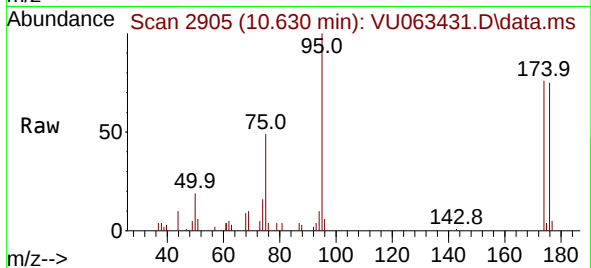




#71
1,2,3-Trichloropropane
Concen: 0.537 ug/l
RT: 10.630 min Scan# 2962
Delta R.T. -0.184 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

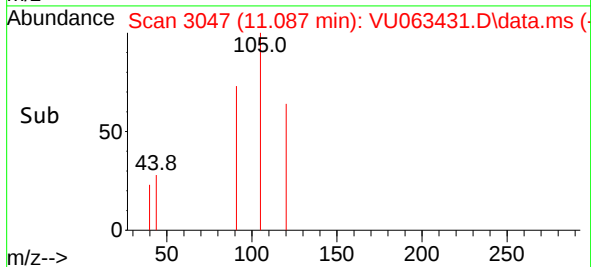
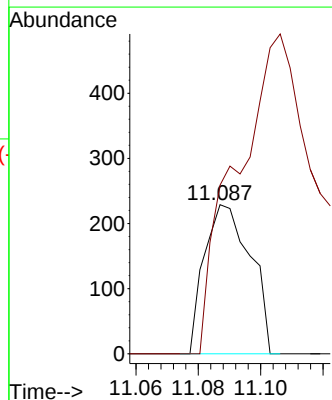
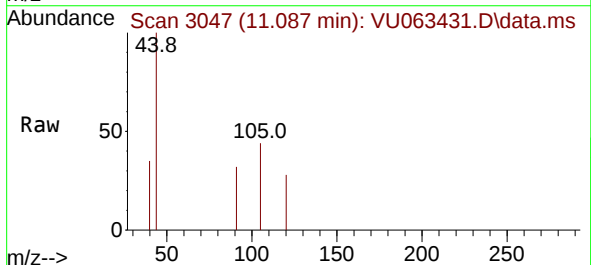
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL01

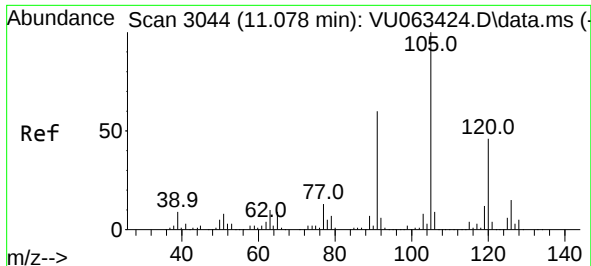
Tgt Ion: 75 Resp: 6684
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#
110 0.0 0.0 63.4
97 0.0 0.0 34.0



#73
n-propylbenzene
Concen: 0.377 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.189 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 120 Resp: 235
Ion Ratio Lower Upper
120 100
91 387.2 373.7 560.5





#75

1,3,5-Trimethylbenzene

Concen: 0.385 ug/l

RT: 11.084 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU063431.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_U

ClientSampleId :

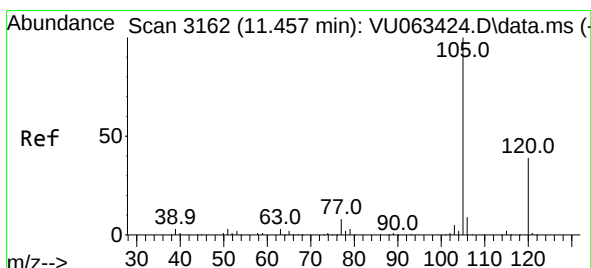
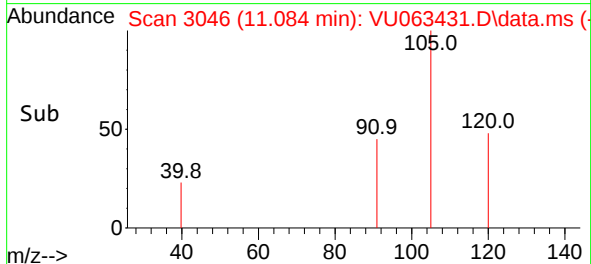
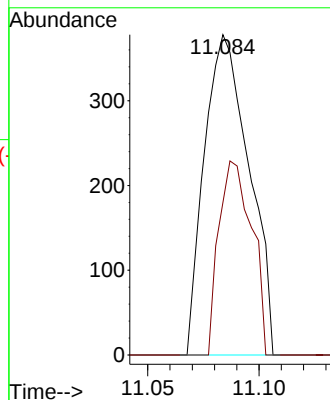
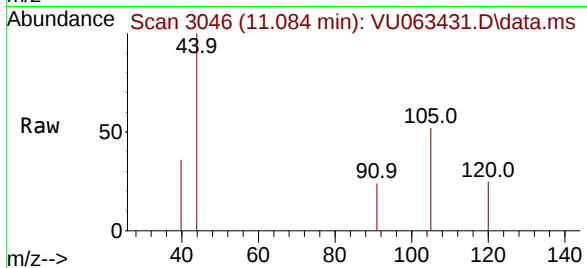
VU0624WBL01

Tgt Ion:105 Resp: 527

Ion Ratio Lower Upper

105 100

120 44.6 37.0 55.4



#78

1,2,4-Trimethylbenzene

Concen: 0.432 ug/l

RT: 11.466 min Scan# 3165

Delta R.T. 0.009 min

Lab File: VU063431.D

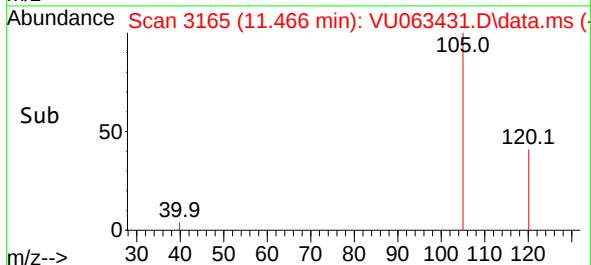
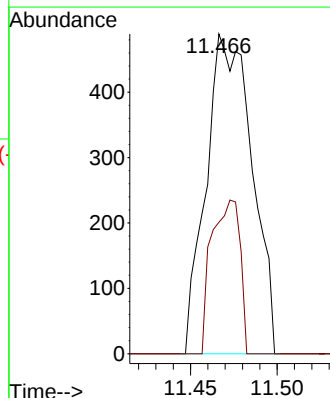
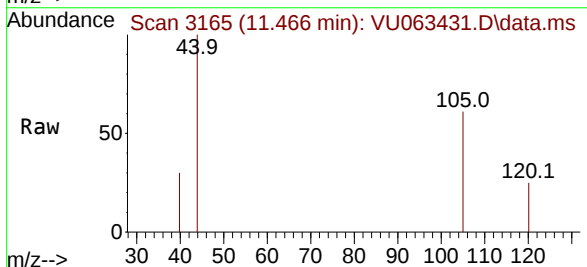
Acq: 24 Jun 2025 11:14

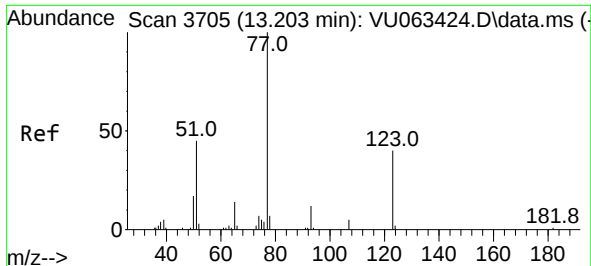
Tgt Ion:105 Resp: 899

Ion Ratio Lower Upper

105 100

120 29.8 22.1 66.5

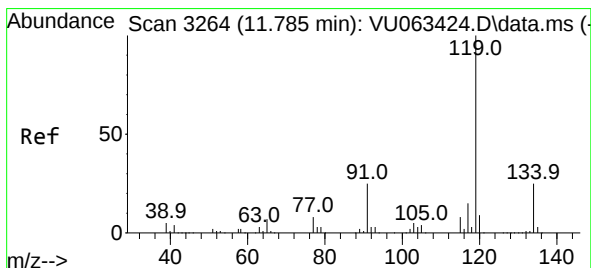
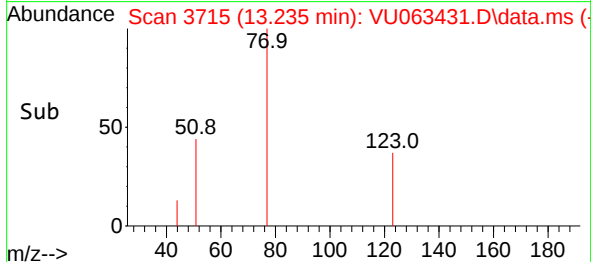
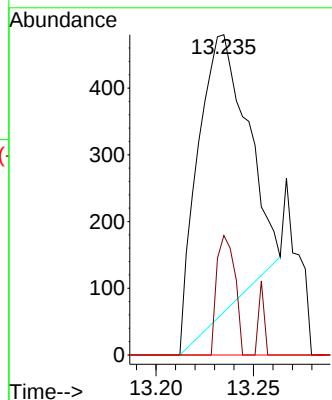
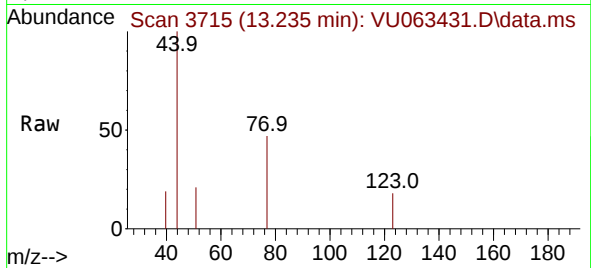




#80
Nitrobenzene
Concen: 2.565 ug/l
RT: 13.235 min Scan# 3715
Delta R.T. 0.032 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

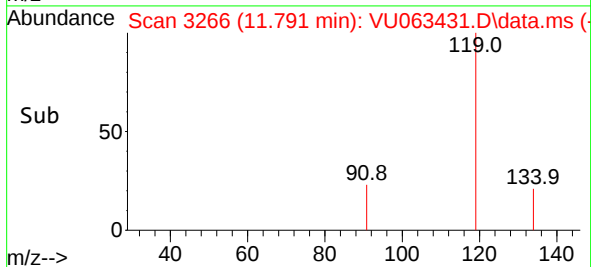
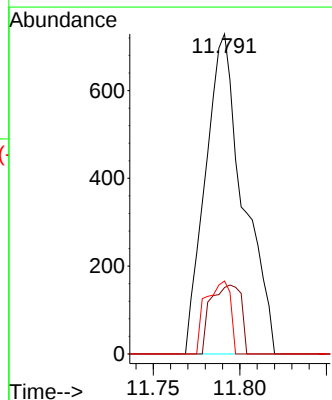
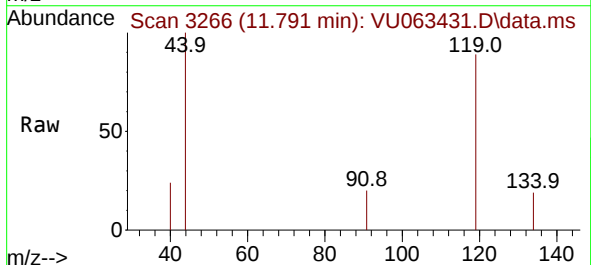
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBL01

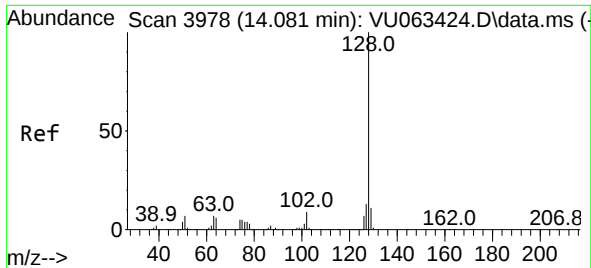
Tgt Ion: 77 Resp: 752
Ion Ratio Lower Upper
77 100
123 15.3 19.6 69.6#
65 0.0 10.6 13.4#



#81
p-Isopropyltoluene
Concen: 0.429 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.006 min
Lab File: VU063431.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 119 Resp: 1105
Ion Ratio Lower Upper
119 100
134 17.2 20.2 30.2#
91 14.9 19.7 29.5#





#89

Naphthalene

Concen: 1.104 ug/l

RT: 14.096 min Scan# 3983

Delta R.T. 0.015 min

Lab File: VU063431.D

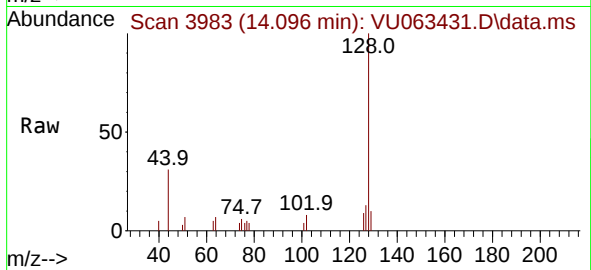
Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBL01



Tgt Ion:128 Resp: 8236

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

129 7.6 8.7 13.1#

