

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063525.D
 Acq On : 17 Jul 2025 15:17
 Operator : MD/SY
 Sample : Q2552-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-ADD-WS

Quant Time: Jul 18 04:13:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

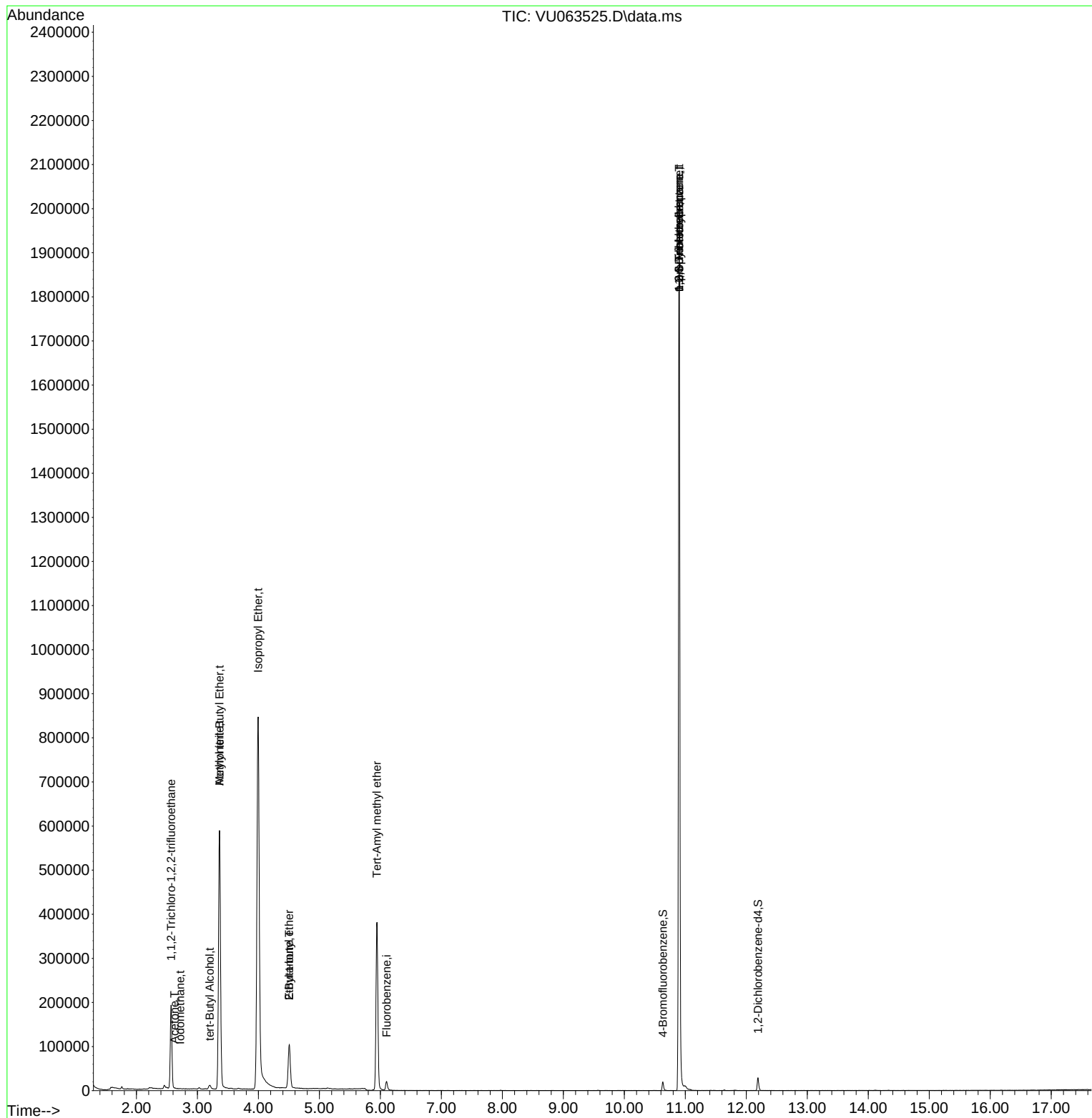
Internal Standards						
1) Fluorobenzene	6.100	96	21996	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7782	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	7717	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	73591	12.773	ug/l	98
10) Iodomethane	2.718	142	173	0.934	ug/l #	29
12) Acrylonitrile	3.361	53	7297	5.109	ug/l #	29
13) Acetone	2.621	43	576	0.503	ug/l #	77
18) 2-Butanone	4.505	43	12228	6.900	ug/l #	1
24) tert-Butyl Alcohol	3.203	59	12029	22.900	ug/l #	72
25) Methyl tert-Butyl Ether	3.361	73	652085	43.740	ug/l	98
31) Isopropyl Ether	3.994	45	988692	54.487	ug/l	98
32) Ethyl-t-butyl ether	4.505	59	101842	6.065	ug/l	99
33) Tert-Amyl methyl ether	5.943	73	317714	21.801	ug/l	99
46) t-1,4-Dichloro-2-butene	10.898	75	9565	7.869	ug/l #	1
71) 1,2,3-Trichloropropane	10.898	75	9565	2.288	ug/l #	47
73) n-propylbenzene	10.898	120	350402	46.101	ug/l	93
75) 1,3,5-Trimethylbenzene	10.898	105	56297	2.334	ug/l #	1

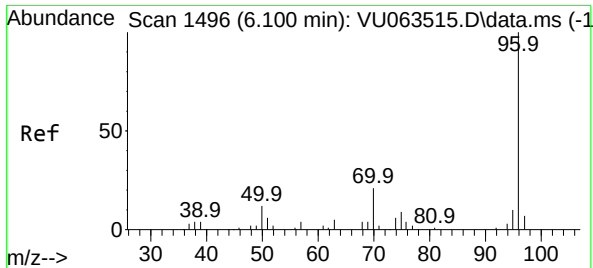
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
Data File : VU063525.D
Acq On : 17 Jul 2025 15:17
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Sample : Q2552-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

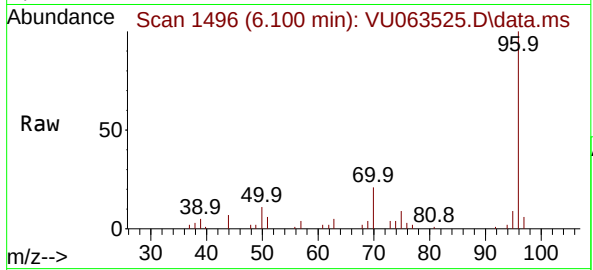
Quant Time: Jul 18 04:13:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 17 03:49:40 2025
Response via : Initial Calibration



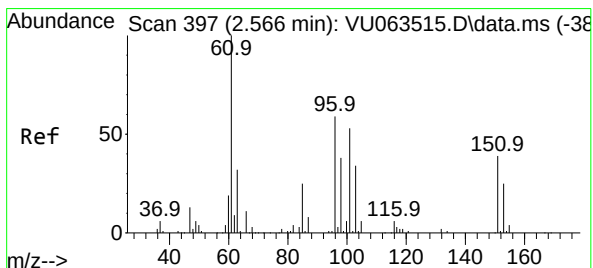
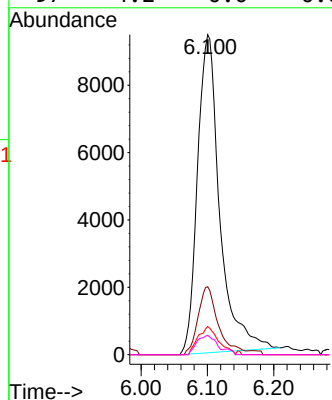


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

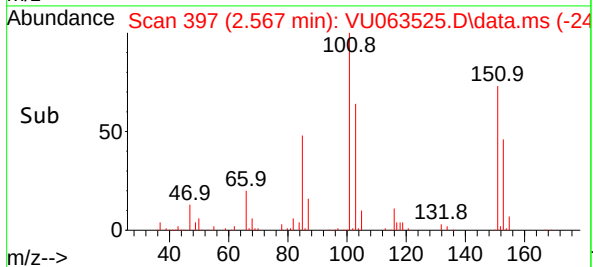
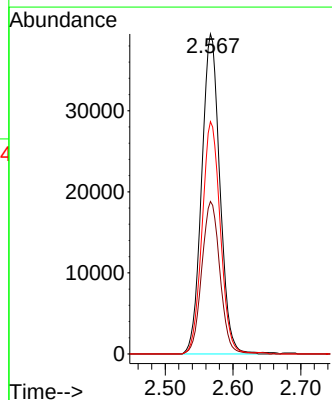
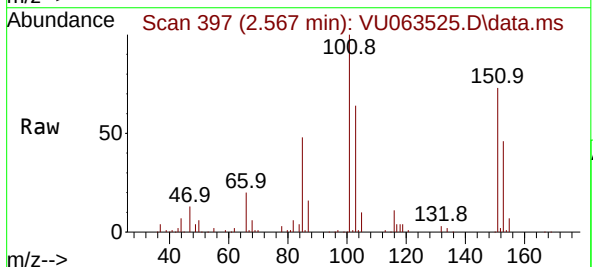


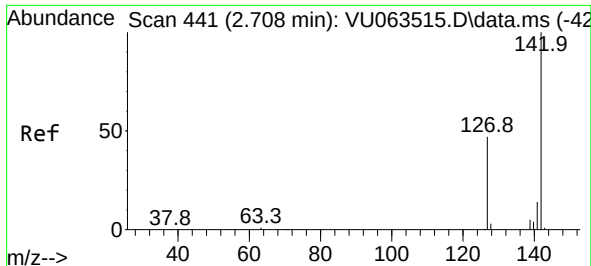
Tgt Ion:	96	Resp:	21996
Ion	Ratio	Lower	Upper
96	100		
70	18.0	15.0	22.4
95	8.1	7.4	11.0
97	4.2	0.0	0.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.773 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion:	101	Resp:	73591
Ion	Ratio	Lower	Upper
101	100		
85	47.5	37.8	56.6
151	72.0	59.2	88.8

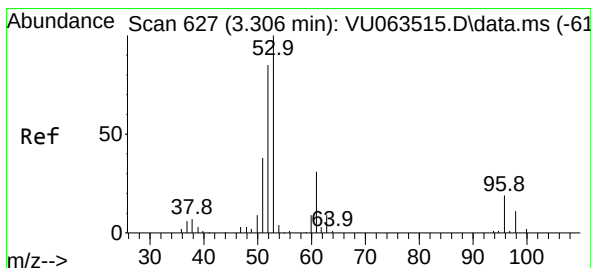
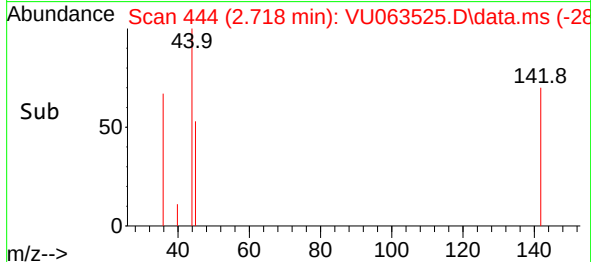
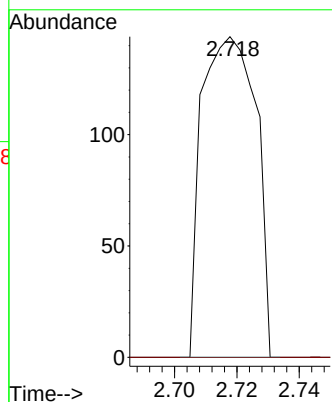
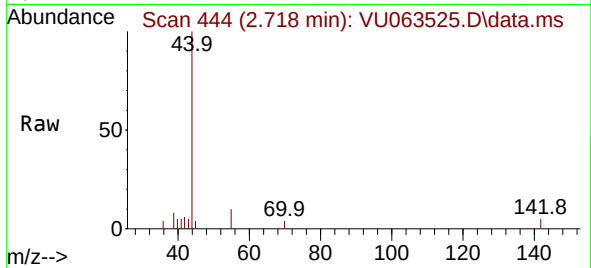




#10
 Iodomethane
 Concen: 0.934 ug/l
 RT: 2.718 min Scan# 441
 Delta R.T. 0.010 min
 Lab File: VU063525.D
 Acq: 17 Jul 2025 15:17

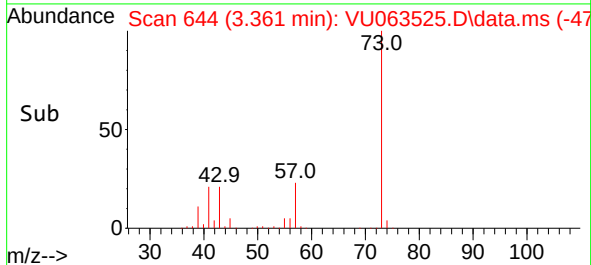
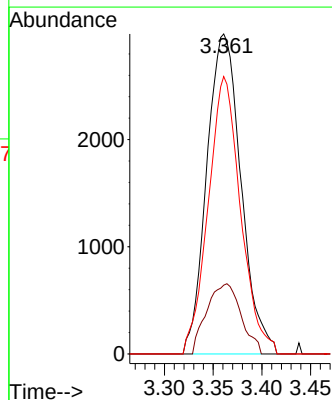
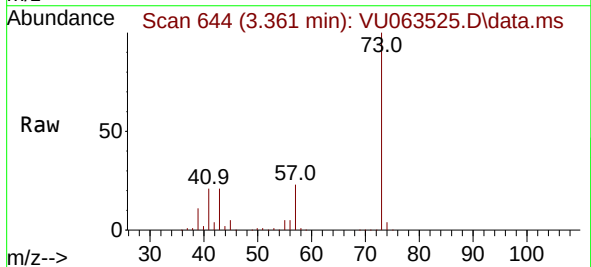
Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-ADD-WS

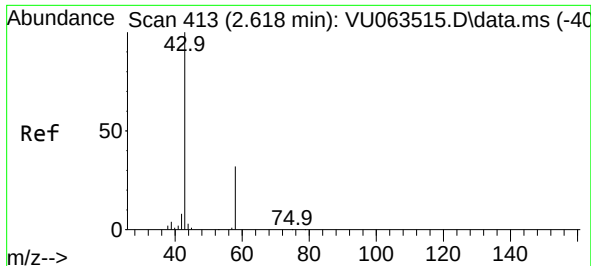
Tgt Ion: 142 Resp: 173
 Ion Ratio Lower Upper
 142 100
 127 0.0 37.9 56.9#



#12
 Acrylonitrile
 Concen: 5.109 ug/l
 RT: 3.361 min Scan# 644
 Delta R.T. 0.055 min
 Lab File: VU063525.D
 Acq: 17 Jul 2025 15:17

Tgt Ion: 53 Resp: 7297
 Ion Ratio Lower Upper
 53 100
 52 22.0 64.3 96.5#
 51 81.9 27.8 41.8#

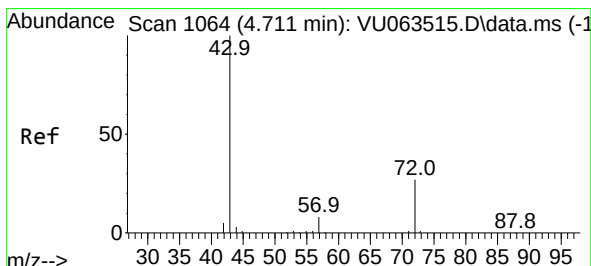
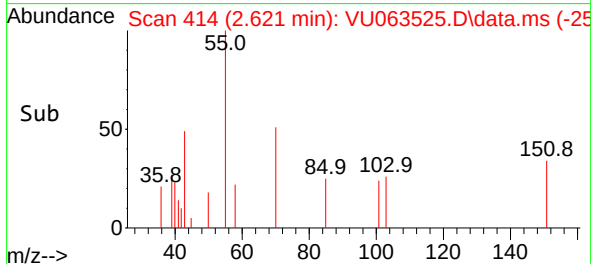
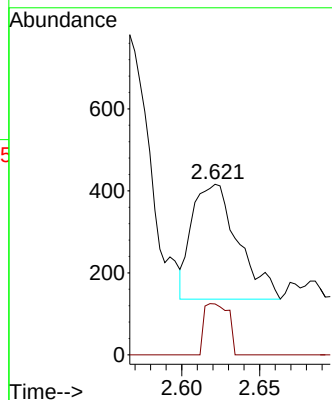
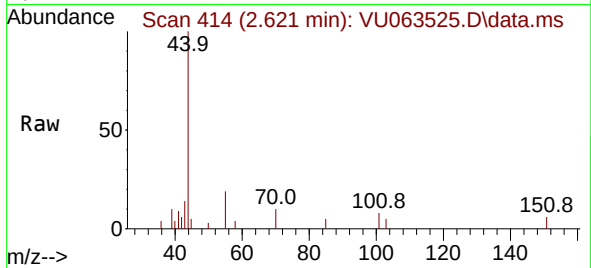




#13
Acetone
Concen: 0.503 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

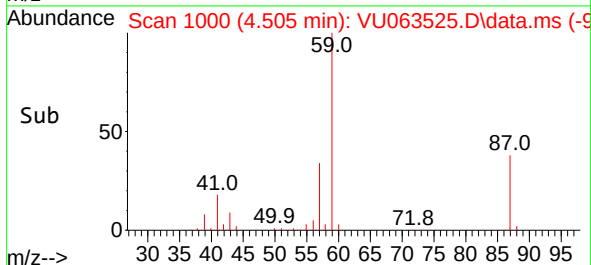
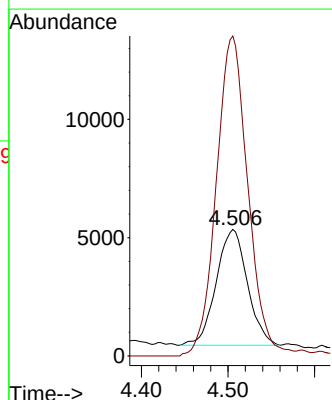
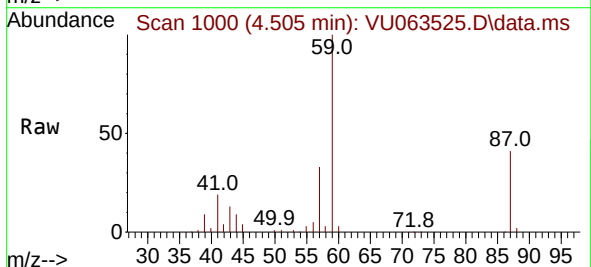
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

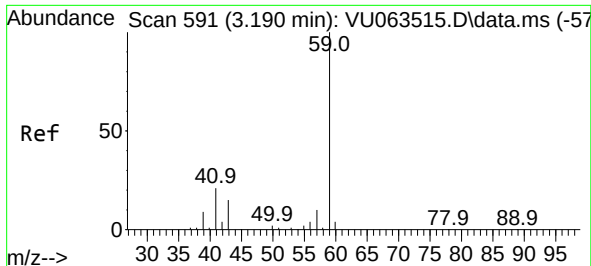
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 44.3 25.4 38.0#



#18
2-Butanone
Concen: 6.900 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. -0.206 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion: 43 Resp: 12228
Ion Ratio Lower Upper
43 100
57 276.5 0.0 16.4#

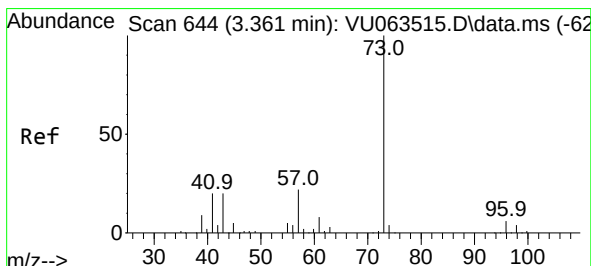
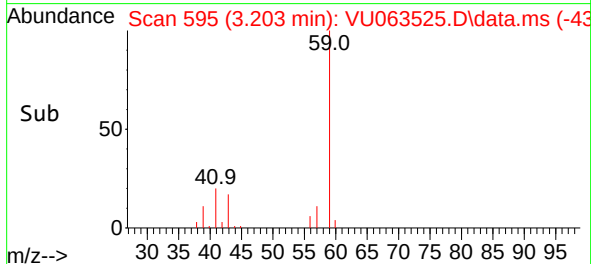
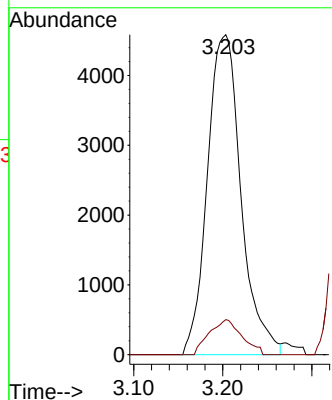
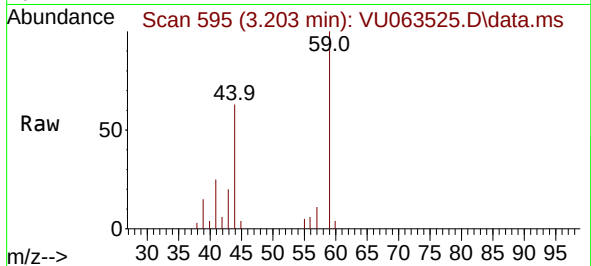




#24
tert-Butyl Alcohol
Concen: 22.900 ug/l
RT: 3.203 min Scan# 591
Delta R.T. 0.013 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

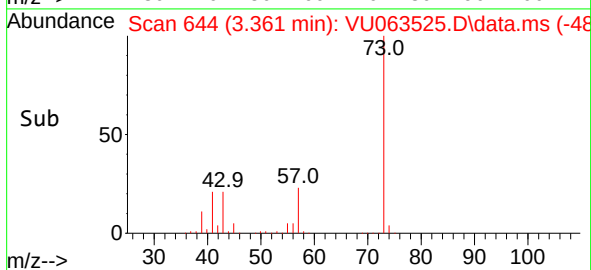
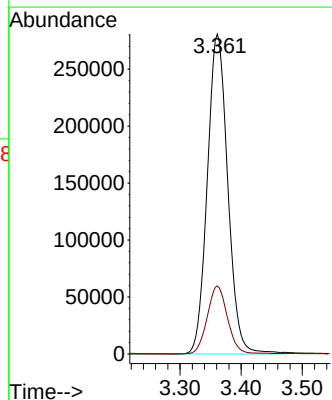
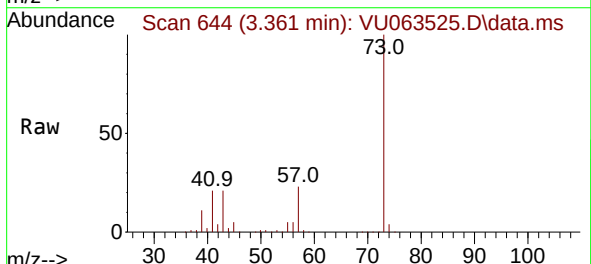
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

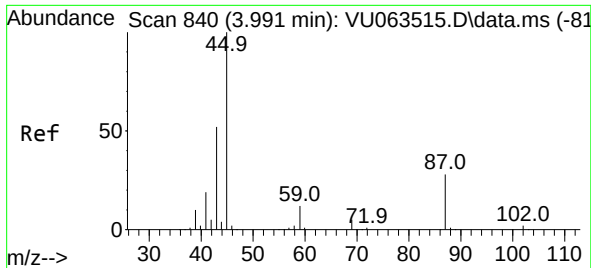
Tgt Ion: 59 Resp: 12029
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#25
Methyl tert-Butyl Ether
Concen: 43.740 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion: 73 Resp: 652085
Ion Ratio Lower Upper
73 100
43 21.1 16.2 24.2

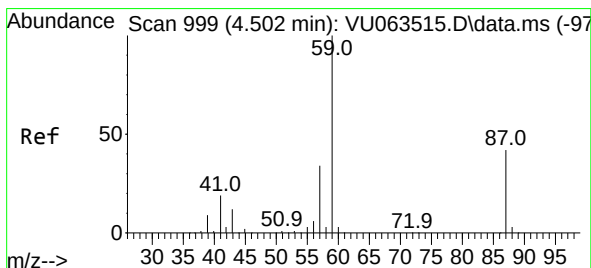
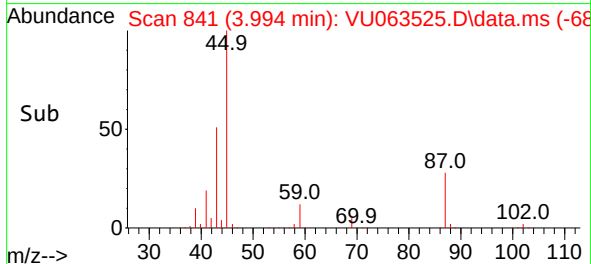
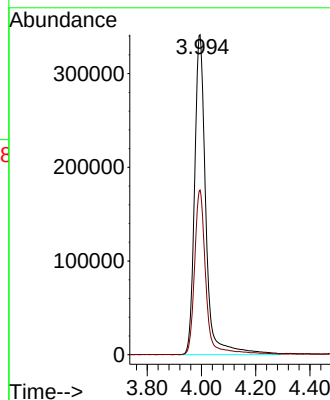
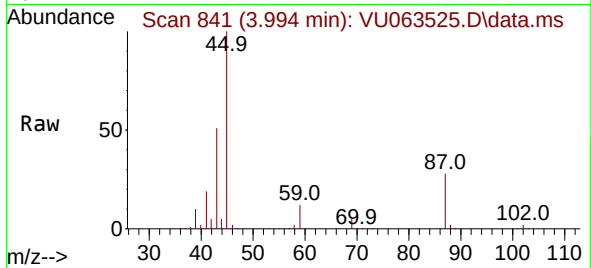




#31
Isopropyl Ether
Concen: 54.487 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

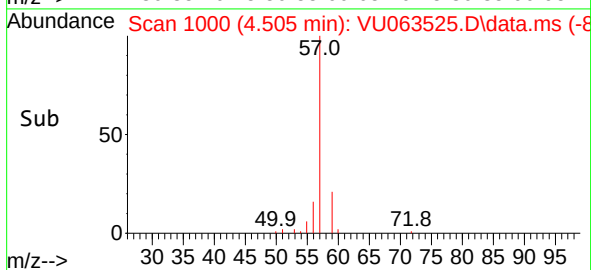
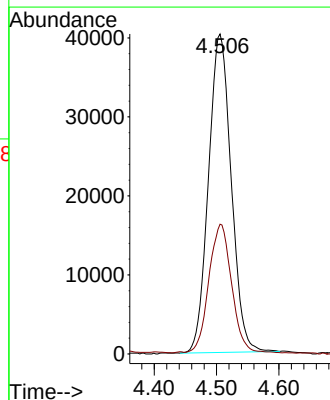
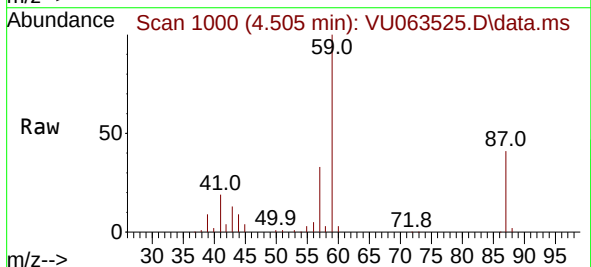
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ClientSampleId :
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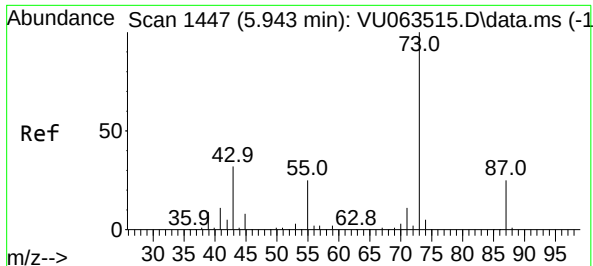
Tgt Ion: 45 Resp: 988692
Ion Ratio Lower Upper
45 100
43 50.1 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 6.065 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion: 59 Resp: 101842
Ion Ratio Lower Upper
59 100
87 40.2 32.6 49.0

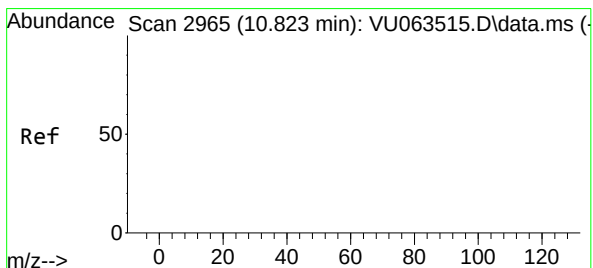
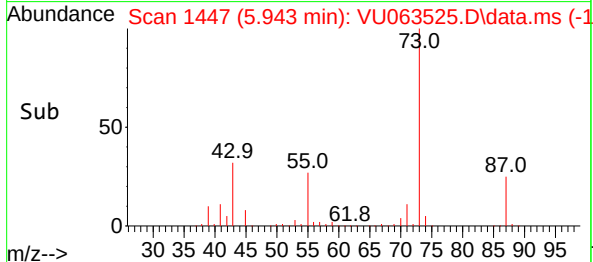
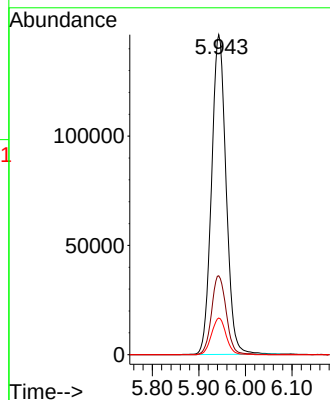
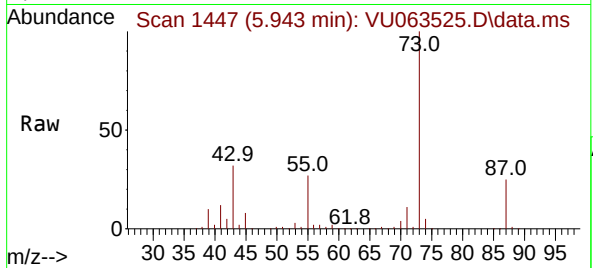




#33
Tert-Amyl methyl ether
Concen: 21.801 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

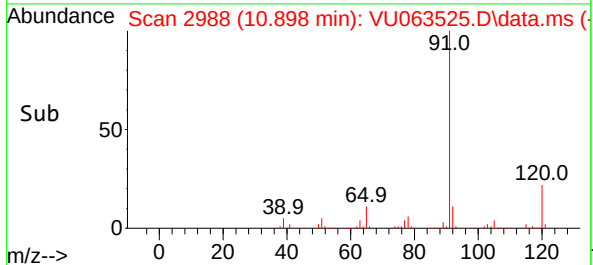
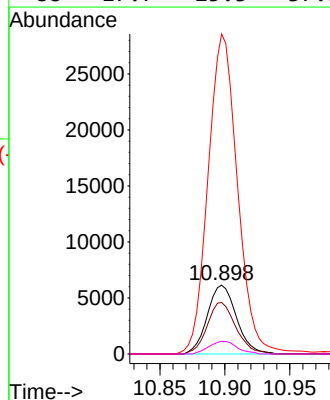
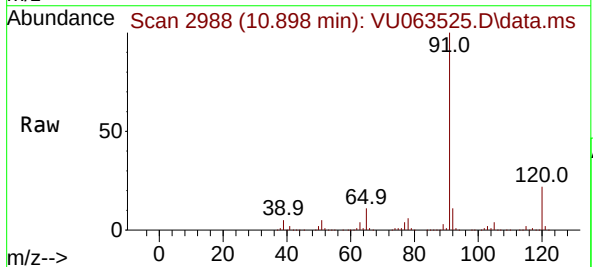
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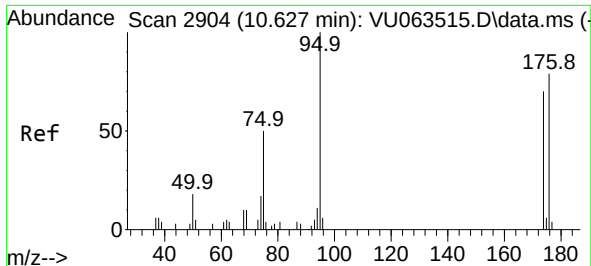
Tgt Ion: 73 Resp: 317714
Ion Ratio Lower Upper
73 100
87 25.0 19.4 29.2
71 11.5 8.9 13.3



#46
t-1,4-Dichloro-2-butene
Concen: 7.869 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.074 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion: 75 Resp: 9565
Ion Ratio Lower Upper
75 100
53 73.7 48.4 72.6#
89 472.2 30.6 45.8#
88 17.7 25.3 37.9#





#57

4-Bromofluorobenzene

Concen: 0.934 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU063525.D

Acq: 17 Jul 2025 15:17

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-ADD-WS

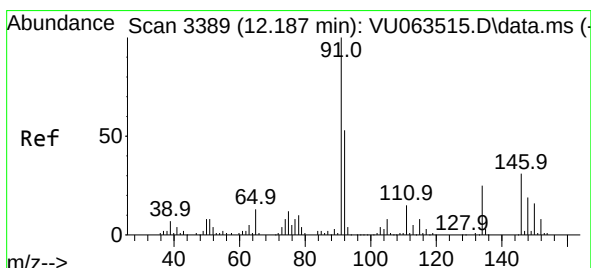
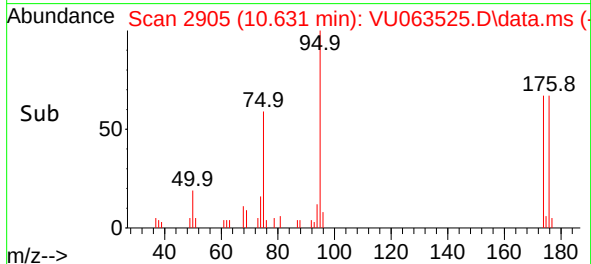
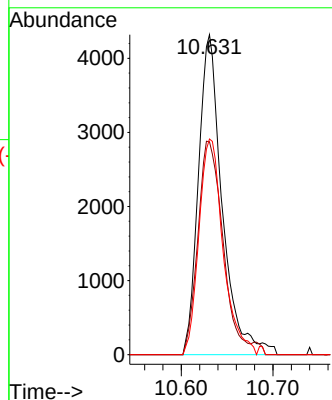
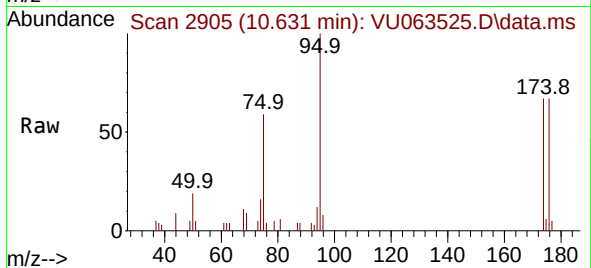
Tgt Ion: 95 Resp: 7782

Ion Ratio Lower Upper

95 100

174 70.0 59.8 89.8

176 68.6 61.8 92.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.002 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU063525.D

Acq: 17 Jul 2025 15:17

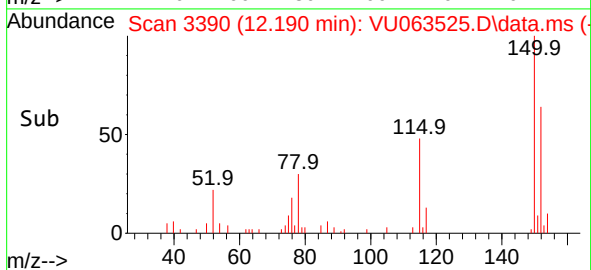
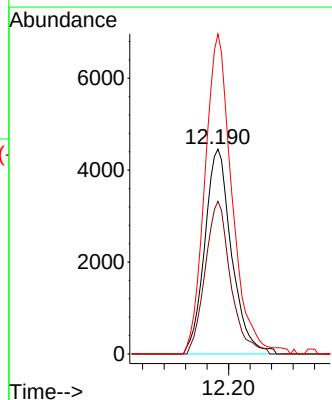
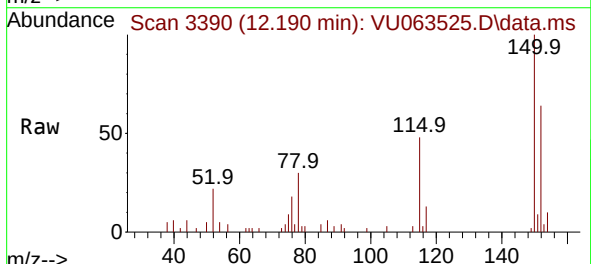
Tgt Ion:152 Resp: 7717

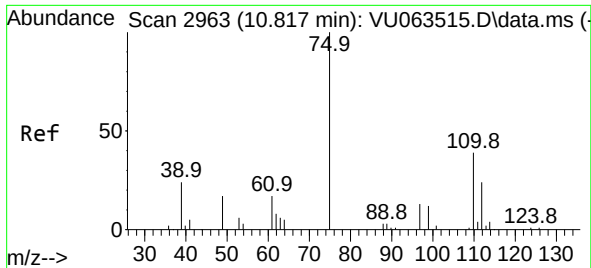
Ion Ratio Lower Upper

152 100

115 70.6 0.0 262.2

150 158.2 0.0 651.2

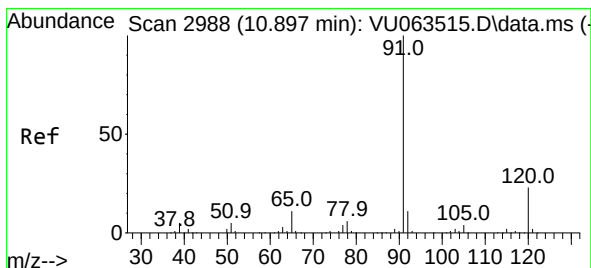
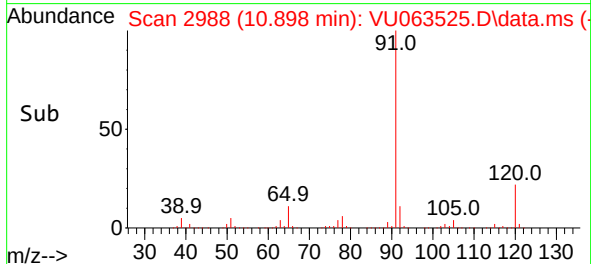
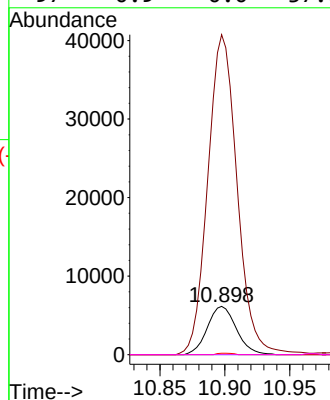
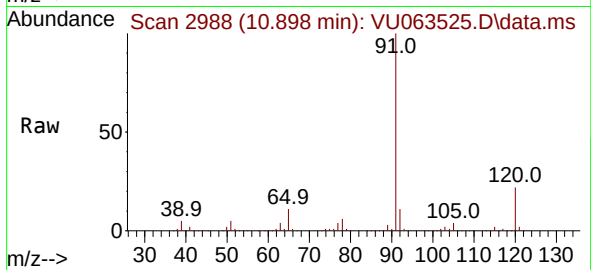




#71
1,2,3-Trichloropropane
Concen: 2.288 ug/l
RT: 10.898 min Scan# 2963
Delta R.T. 0.081 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

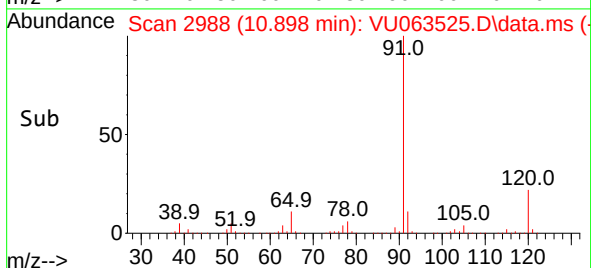
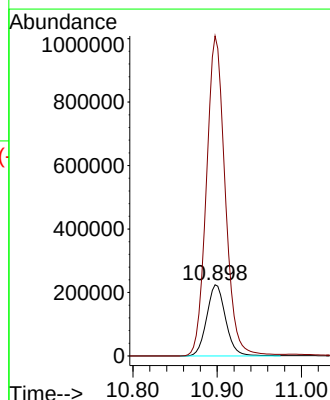
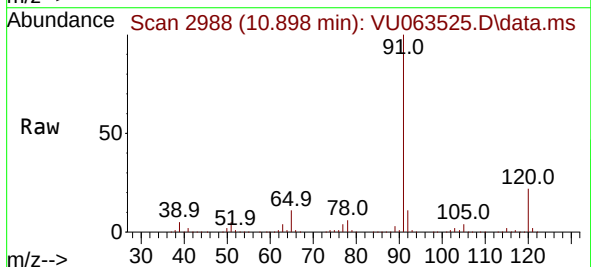
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

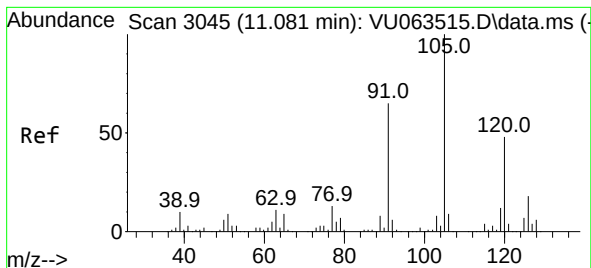
Tgt Ion: 75 Resp: 9565
Ion Ratio Lower Upper
75 100
77 669.9 0.0 0.0#
110 1.6 0.0 73.2
97 0.9 0.0 37.6



#73
n-propylbenzene
Concen: 46.101 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion:120 Resp: 350402
Ion Ratio Lower Upper
120 100
91 446.5 343.1 514.7





#75

1,3,5-Trimethylbenzene

Concen: 2.334 ug/l

RT: 10.898 min Scan# 2988

Delta R.T. -0.183 min

Lab File: VU063525.D

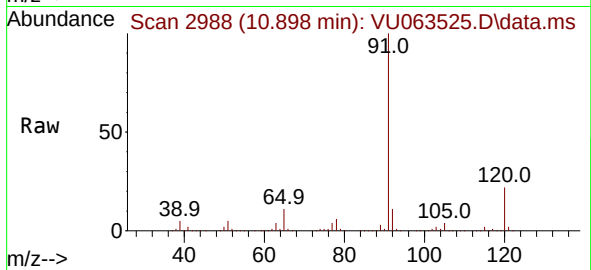
Acq: 17 Jul 2025 15:17

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-ADD-WS



Tgt Ion:105 Resp: 56297

Ion Ratio Lower Upper

105 100

120 622.4 37.8 56.8#

