

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063253.D
 Acq On : 12 Feb 2025 14:20
 Operator : MD/SY
 Sample : Q1172-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 13 03:12:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

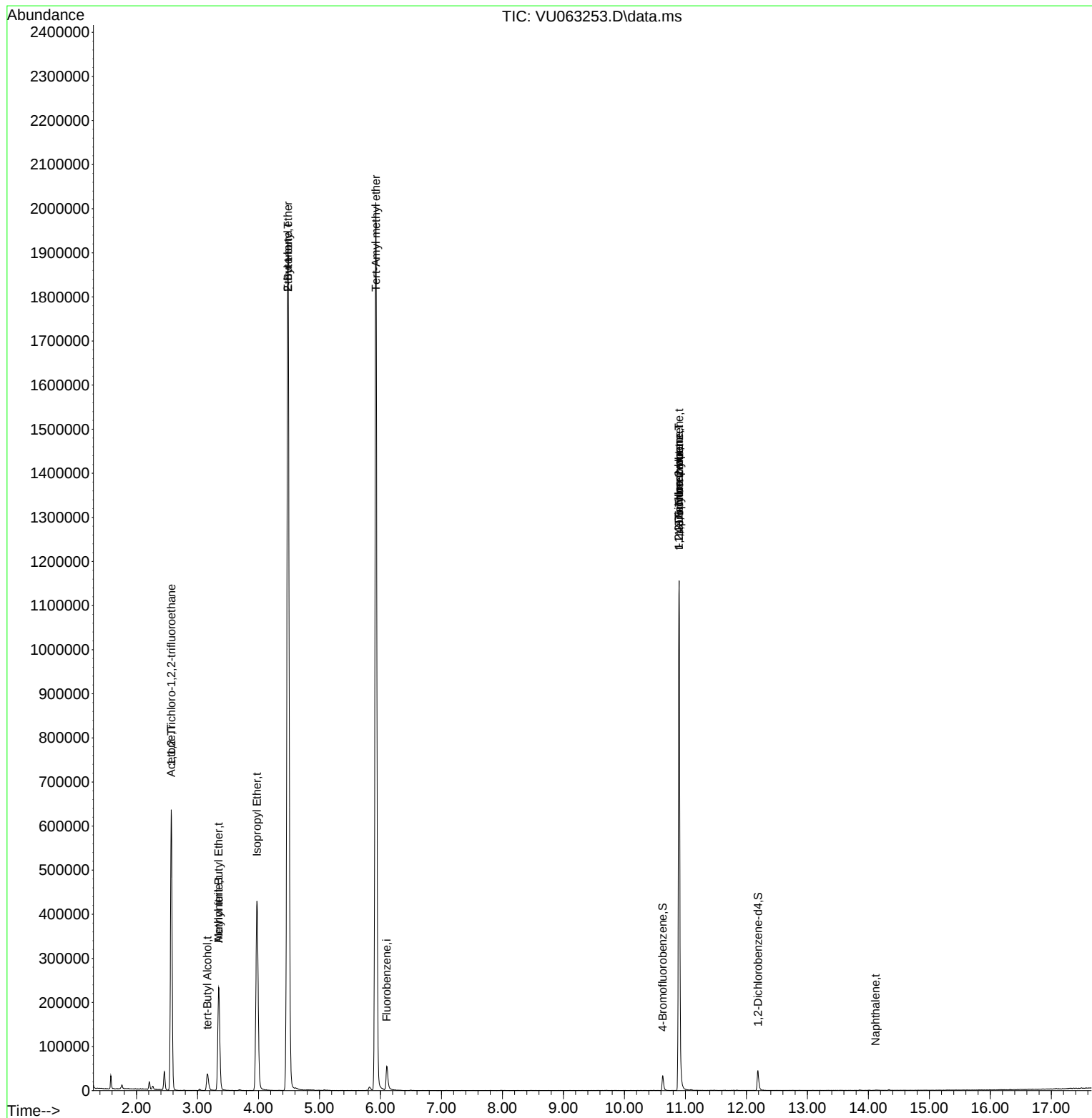
Internal Standards						
1) Fluorobenzene	6.103	96	52826	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	12765	0.733	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13885	0.766	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	259834	19.753	ug/l	100
12) Acrylonitrile	3.348	53	3647	1.180	ug/l #	38
13) Acetone	2.566	43	2870	1.207	ug/l #	79
18) 2-Butanone	4.483	43	203912	53.904	ug/l #	1
24) tert-Butyl Alcohol	3.161	59	43566	32.713	ug/l	98
25) Methyl tert-Butyl Ether	3.348	73	253519	7.574	ug/l	99
31) Isopropyl Ether	3.975	45	442152	10.742	ug/l	100
32) Ethyl-t-butyl ether	4.483	59	1993904	53.267	ug/l	99
33) Tert-Amyl methyl ether	5.926	73	1646111	50.332	ug/l	100
46) t-1,4-Dichloro-2-butene	10.894	75	6021	1.420	ug/l #	1
71) 1,2,3-Trichloropropane	10.894	75	6021	0.513	ug/l #	43
73) n-propylbenzene	10.897	120	194126	11.610	ug/l	97
75) 1,3,5-Trimethylbenzene	10.897	105	32844	0.607	ug/l #	1
89) Naphthalene	14.116	128	791	0.682	ug/l #	80

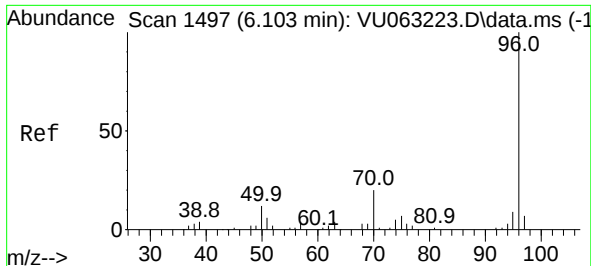
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063253.D
Acq On : 12 Feb 2025 14:20
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

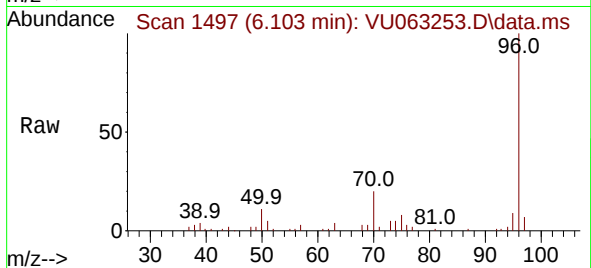
Quant Time: Feb 13 03:12:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 08:42:19 2025
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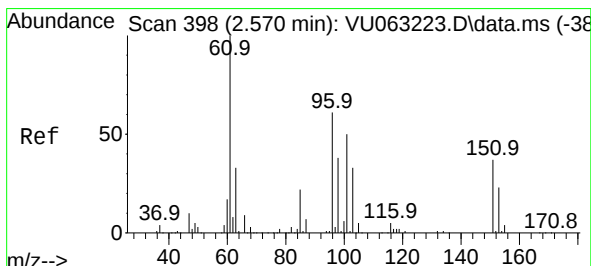
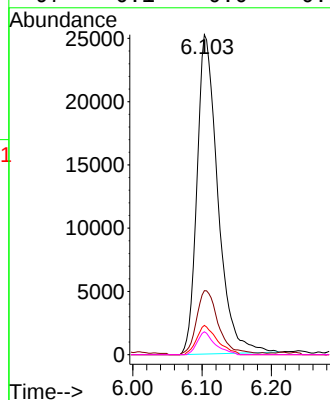
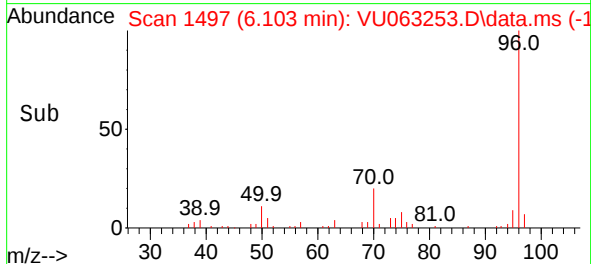


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

Instrument :
MSVOA_U
ClientSampleId :

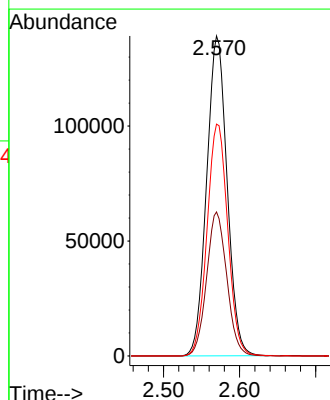
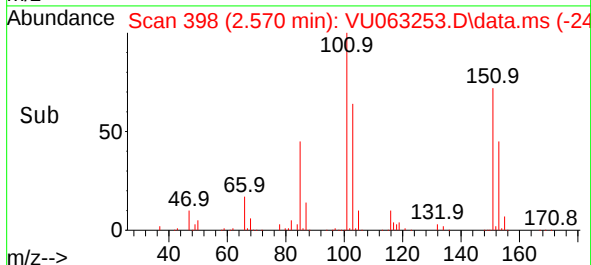
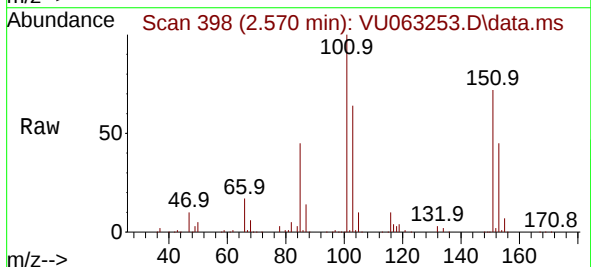


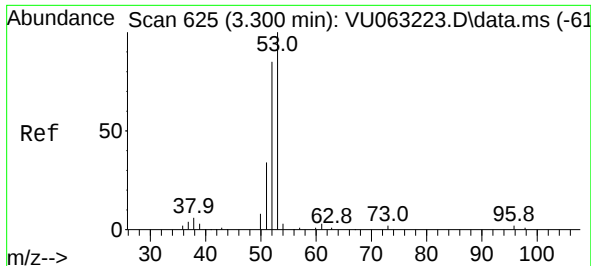
Tgt Ion: 96 Resp: 52826
Ion Ratio Lower Upper
96 100
70 20.3 15.6 23.4
95 9.0 7.3 10.9
97 6.1 0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.753 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

Tgt Ion:101 Resp: 259834
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.0
151 73.4 58.5 87.7





#12

Acrylonitrile

Concen: 1.180 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.048 min

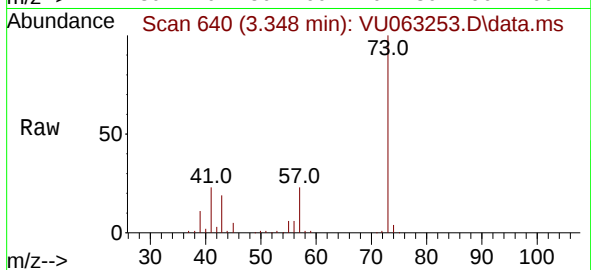
Lab File: VU063253.D

Acq: 12 Feb 2025 14:20

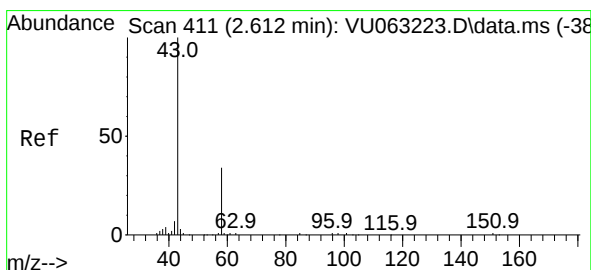
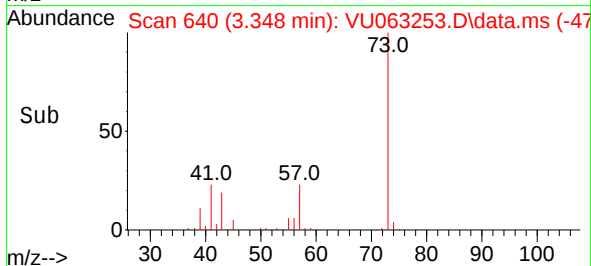
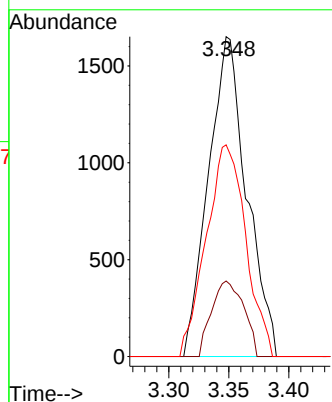
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 53	Resp: 3647
Ion Ratio	Lower Upper
53	100
52	19.9 64.2 96.2#
51	68.7 30.8 46.2#



#13

Acetone

Concen: 1.207 ug/l

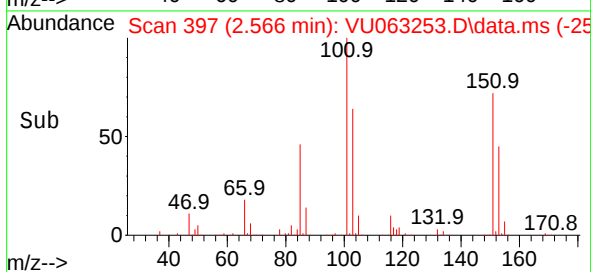
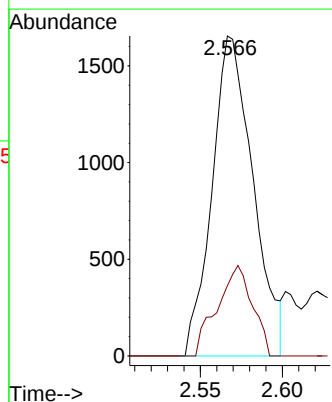
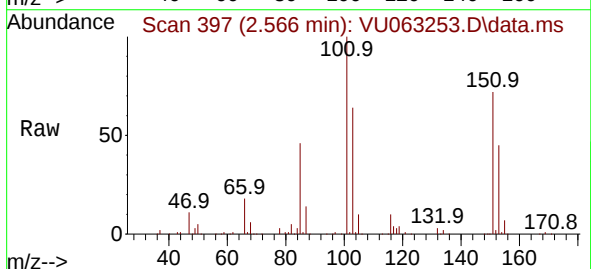
RT: 2.566 min Scan# 397

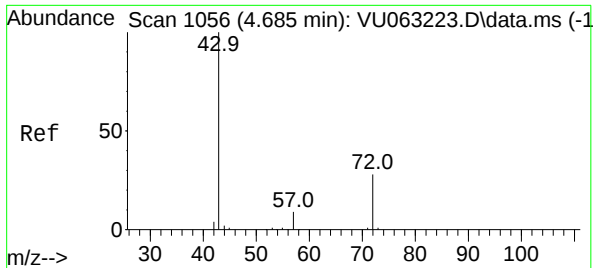
Delta R.T. -0.045 min

Lab File: VU063253.D

Acq: 12 Feb 2025 14:20

Tgt Ion: 43	Resp: 2870
Ion Ratio	Lower Upper
43	100
58	21.9 27.4 41.0#

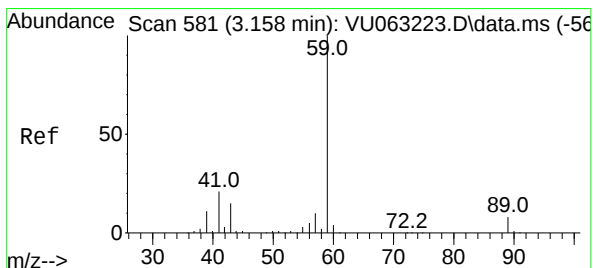
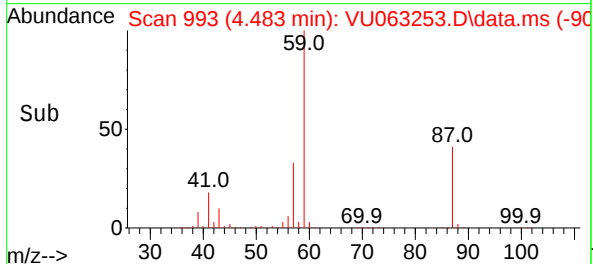
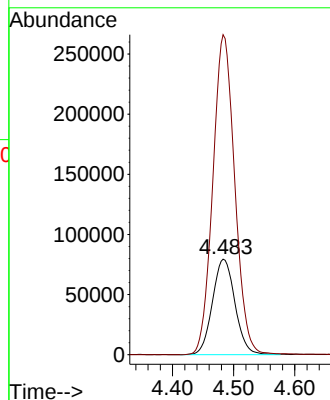
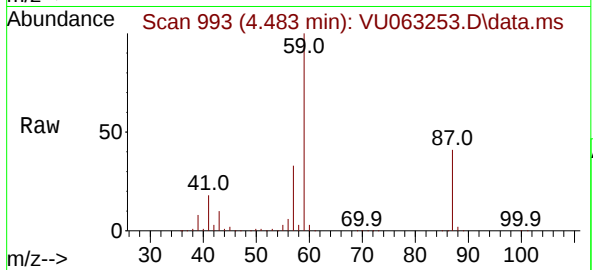




#18
2-Butanone
Concen: 53.904 ug/l
RT: 4.483 min Scan# 90
Delta R.T. -0.203 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

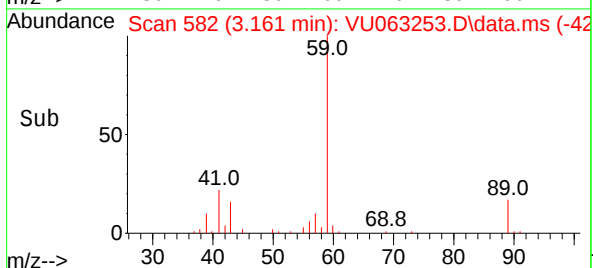
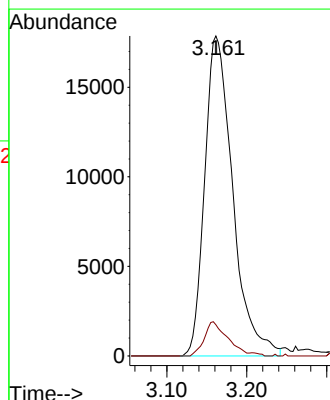
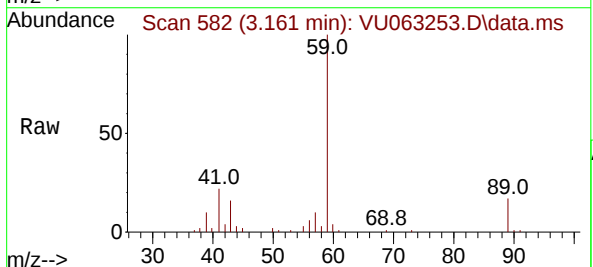
Instrument :
MSVOA_U
ClientSampleId :

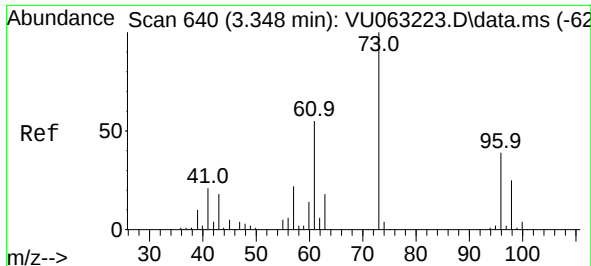
Tgt Ion: 43 Resp: 203912
Ion Ratio Lower Upper
43 100
57 334.7 0.0 17.0#



#24
tert-Butyl Alcohol
Concen: 32.713 ug/l
RT: 3.161 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

Tgt Ion: 59 Resp: 43566
Ion Ratio Lower Upper
59 100
57 8.8 7.5 11.3





#25

Methyl tert-Butyl Ether

Concen: 7.574 ug/l

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU063253.D

Acq: 12 Feb 2025 14:20

Instrument :

MSVOA_U

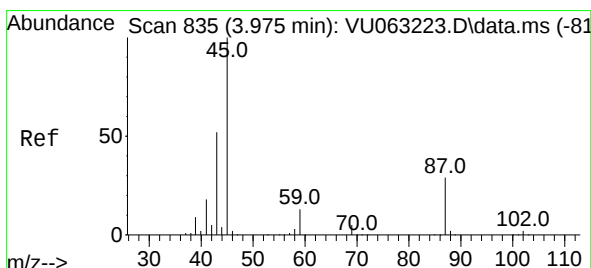
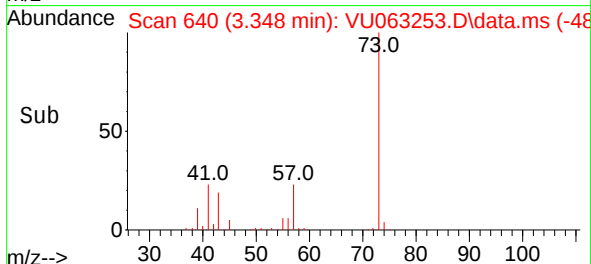
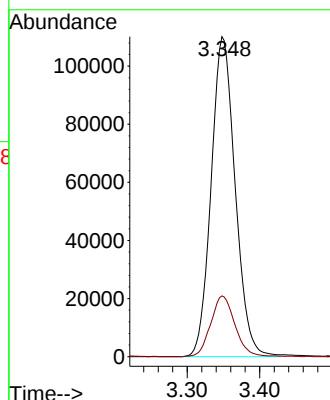
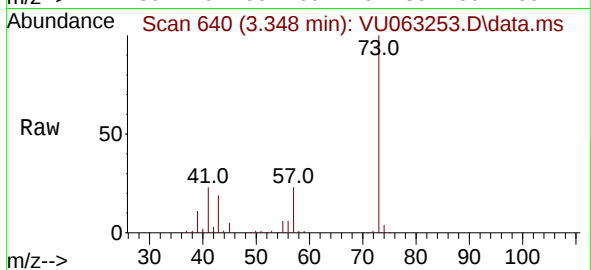
ClientSampleId :

Tgt Ion: 73 Resp: 253519

Ion Ratio Lower Upper

73 100

43 19.1 14.9 22.3



#31

Isopropyl Ether

Concen: 10.742 ug/l

RT: 3.975 min Scan# 835

Delta R.T. -0.000 min

Lab File: VU063253.D

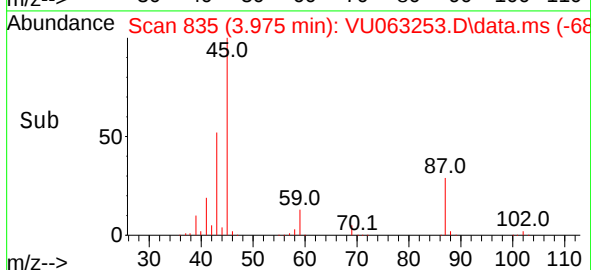
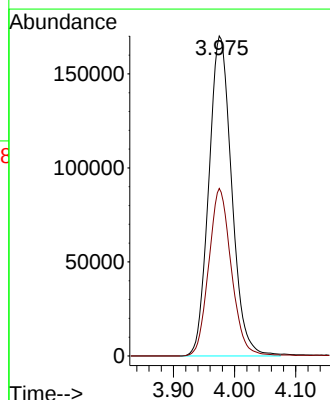
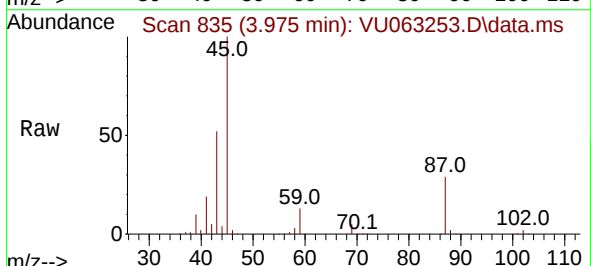
Acq: 12 Feb 2025 14:20

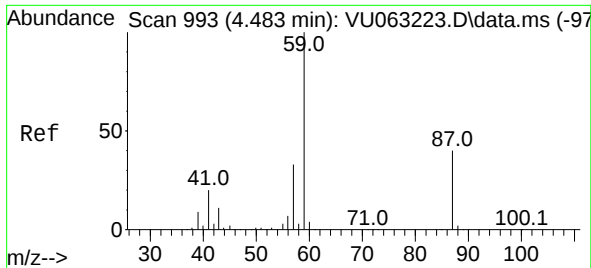
Tgt Ion: 45 Resp: 442152

Ion Ratio Lower Upper

45 100

43 51.7 25.7 77.1





#32

Ethyl-t-butyl ether

Concen: 53.267 ug/l

RT: 4.483 min Scan# 993

Delta R.T. -0.000 min

Lab File: VU063253.D

Acq: 12 Feb 2025 14:20

Instrument :

MSVOA_U

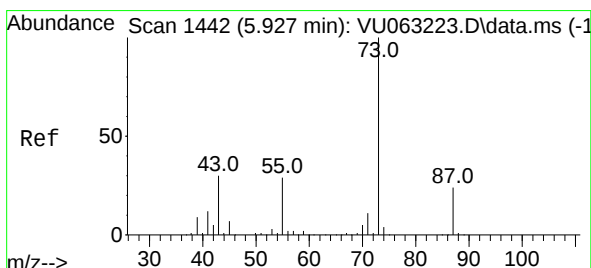
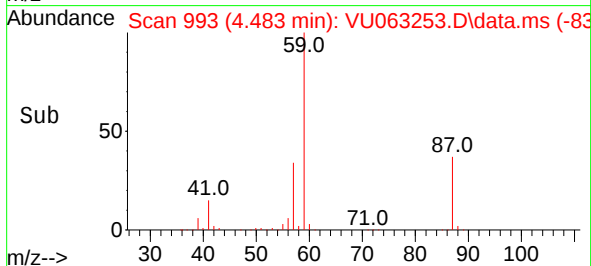
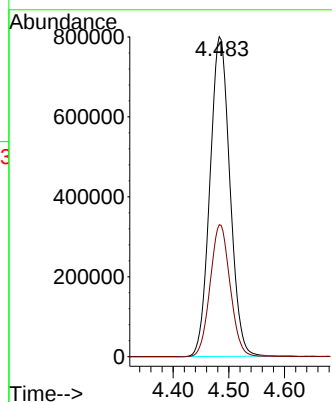
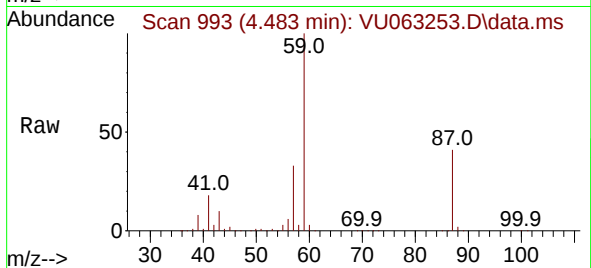
ClientSampleId :

Tgt Ion: 59 Resp: 1993904

Ion Ratio Lower Upper

59 100

87 41.3 32.6 49.0



#33

Tert-Amyl methyl ether

Concen: 50.332 ug/l

RT: 5.926 min Scan# 1442

Delta R.T. -0.000 min

Lab File: VU063253.D

Acq: 12 Feb 2025 14:20

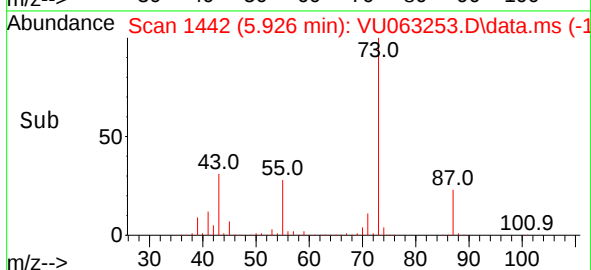
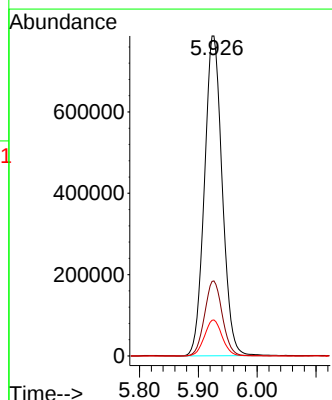
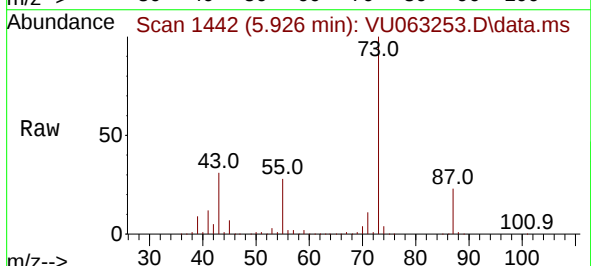
Tgt Ion: 73 Resp: 1646111

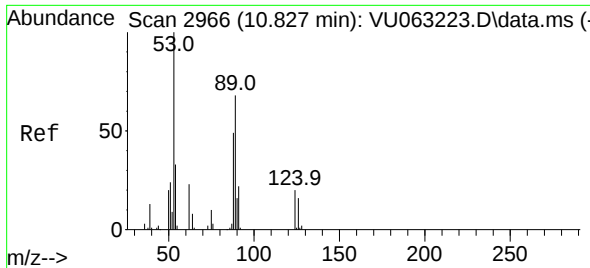
Ion Ratio Lower Upper

73 100

87 23.5 18.9 28.3

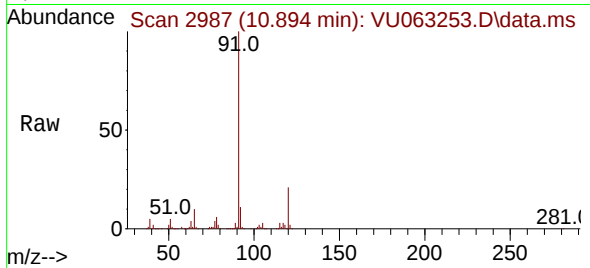
71 11.2 9.0 13.4



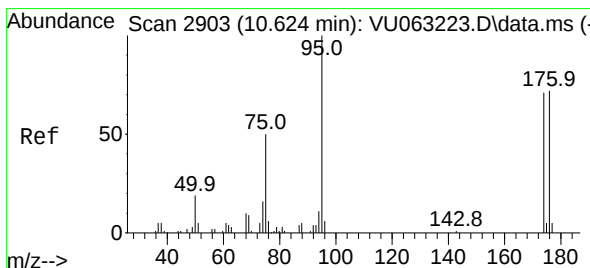
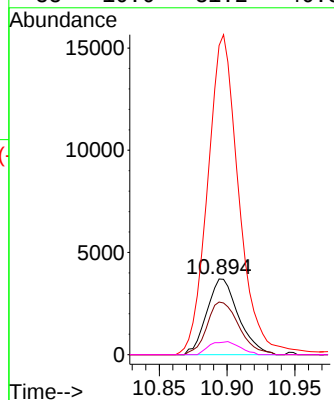
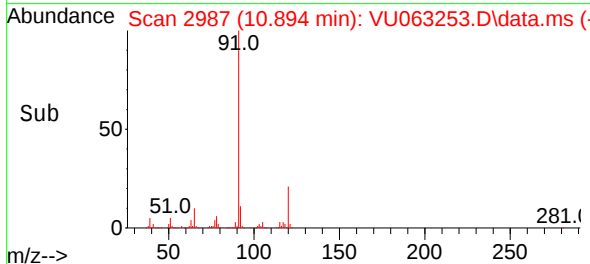


#46
t-1,4-Dichloro-2-butene
Concen: 1.420 ug/l
RT: 10.894 min Scan# 2967
Delta R.T. 0.067 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

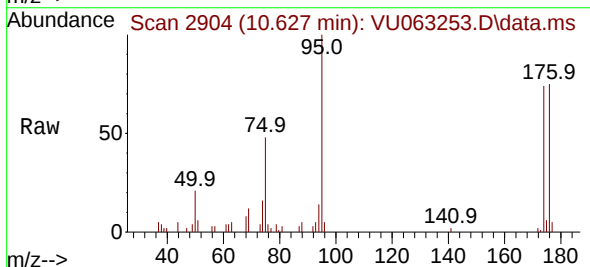
Instrument :
MSVOA_U
ClientSampleId :



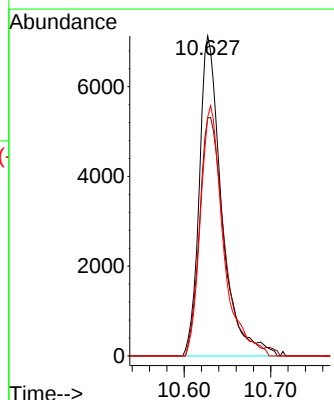
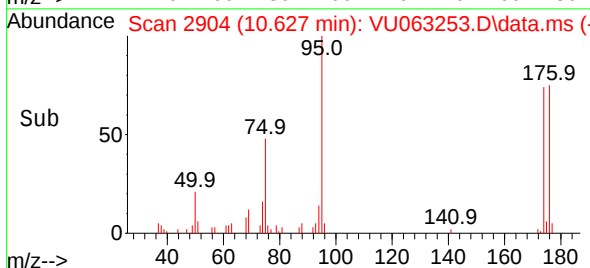
Tgt Ion: 75 Resp: 6021
Ion Ratio Lower Upper
75 100
53 70.3 64.5 96.7
89 417.0 43.4 65.2#
88 16.6 31.2 46.8#

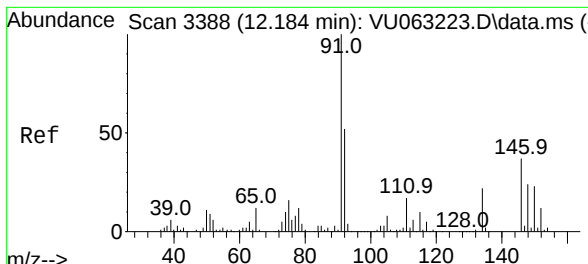


#57
4-Bromofluorobenzene
Concen: 0.733 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20



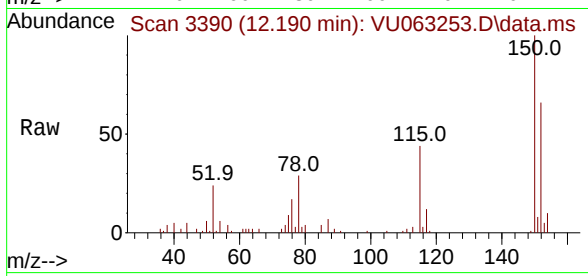
Tgt Ion: 95 Resp: 12765
Ion Ratio Lower Upper
95 100
174 82.6 58.6 88.0
176 80.3 58.2 87.4



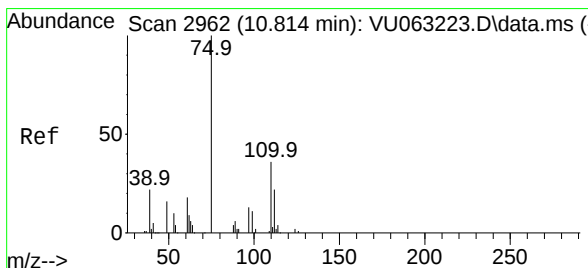
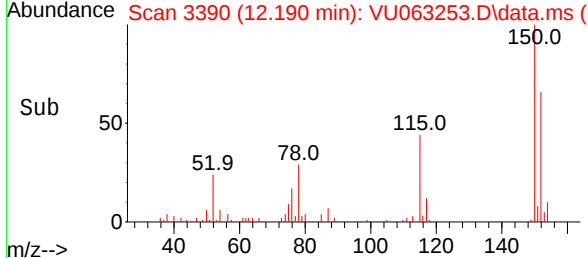
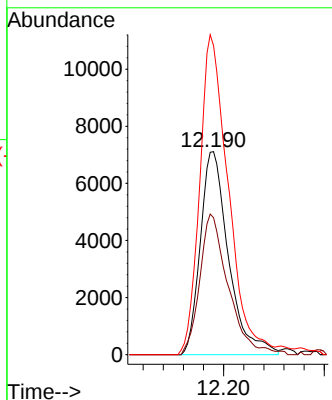


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.766 ug/l
 RT: 12.190 min Scan# 3388
 Delta R.T. 0.006 min
 Lab File: VU063253.D
 Acq: 12 Feb 2025 14:20

Instrument :
 MSVOA_U
 ClientSampleId :

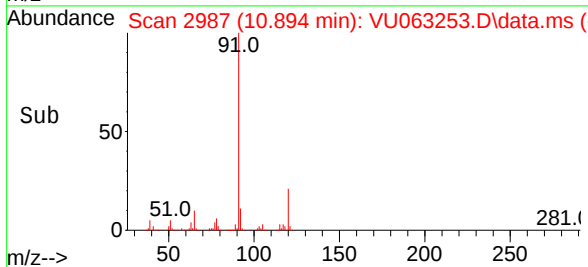
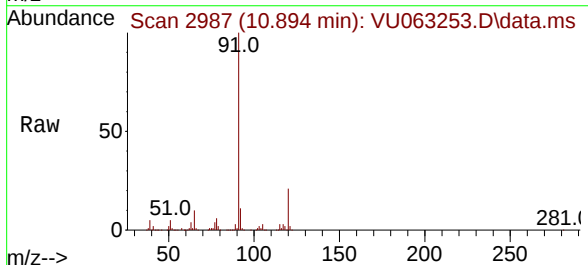
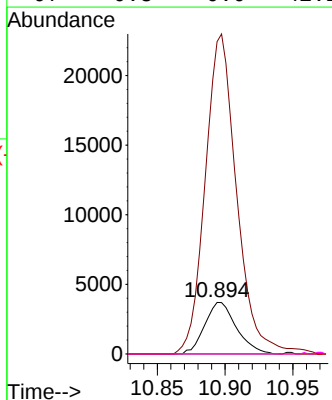


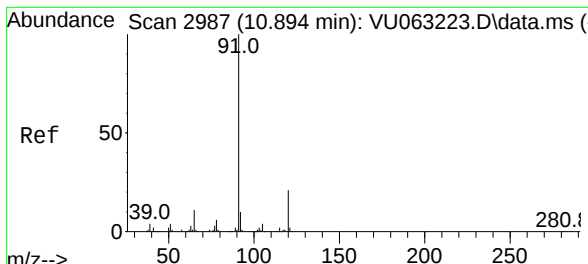
Tgt Ion:	152	Resp:	13885
Ion	Ratio	Lower	Upper
152	100		
115	69.7	0.0	275.2
150	159.0	0.0	658.4



#71
 1,2,3-Trichloropropane
 Concen: 0.513 ug/l
 RT: 10.894 min Scan# 2987
 Delta R.T. 0.080 min
 Lab File: VU063253.D
 Acq: 12 Feb 2025 14:20

Tgt Ion:	75	Resp:	6021
Ion	Ratio	Lower	Upper
75	100		
77	616.5	0.0	0.0#
110	0.0	0.0	77.0
97	0.3	0.0	42.2

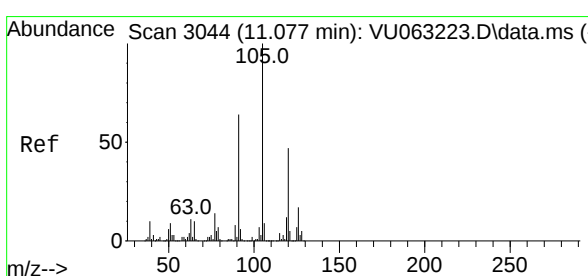
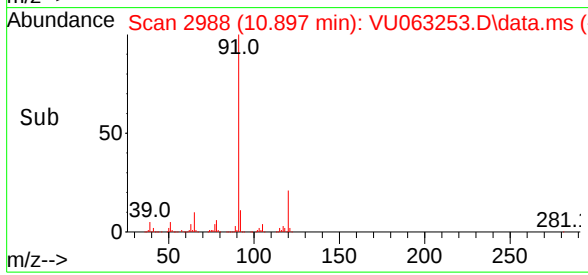
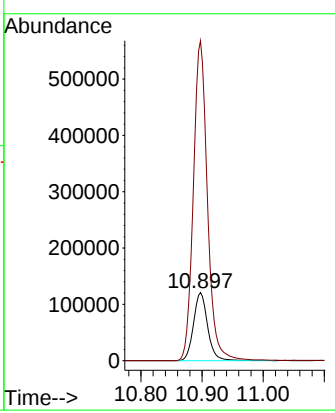
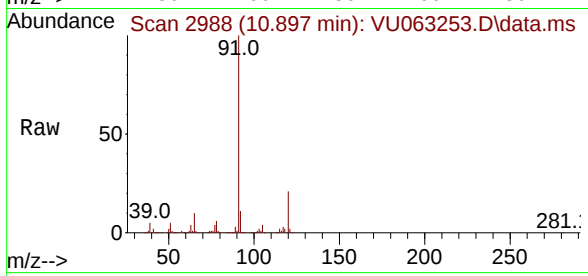




#73
 n-propylbenzene
 Concen: 11.610 ug/l
 RT: 10.897 min Scan# 2988
 Delta R.T. 0.003 min
 Lab File: VU063253.D
 Acq: 12 Feb 2025 14:20

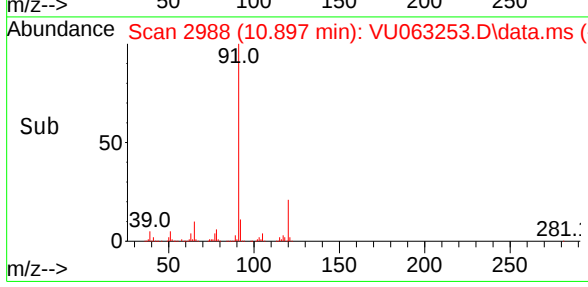
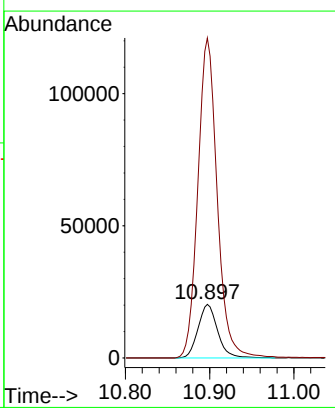
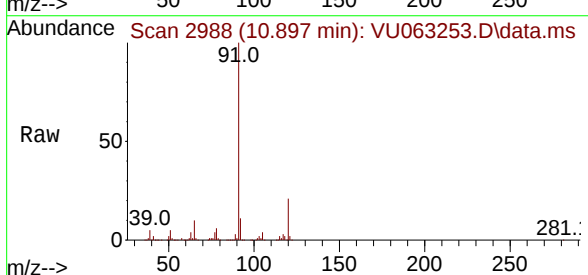
Instrument :
 MSVOA_U
 ClientSampleId :

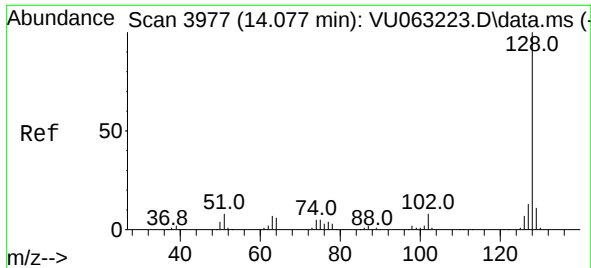
Tgt Ion:	120	Resp:	194126
Ion Ratio	Lower	Upper	
120	100		
91	469.0	369.8	554.6



#75
 1,3,5-Trimethylbenzene
 Concen: 0.607 ug/l
 RT: 10.897 min Scan# 2988
 Delta R.T. -0.180 min
 Lab File: VU063253.D
 Acq: 12 Feb 2025 14:20

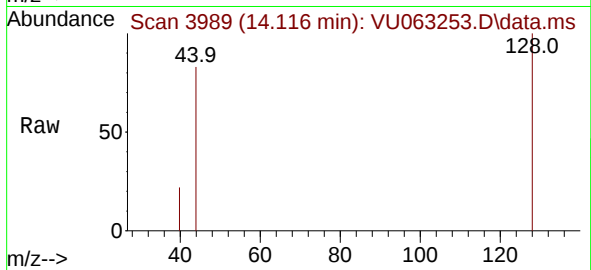
Tgt Ion:	105	Resp:	32844
Ion Ratio	Lower	Upper	
105	100		
120	591.1	37.3	55.9#





#89
Naphthalene
Concen: 0.682 ug/l
RT: 14.116 min Scan# 3989
Delta R.T. 0.038 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	791
Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.6	16.0#
129	0.0	8.6	13.0#

