

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063254.D
 Acq On : 12 Feb 2025 14:58
 Operator : MD/SY
 Sample : Q1172-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 13 03:12:31 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)

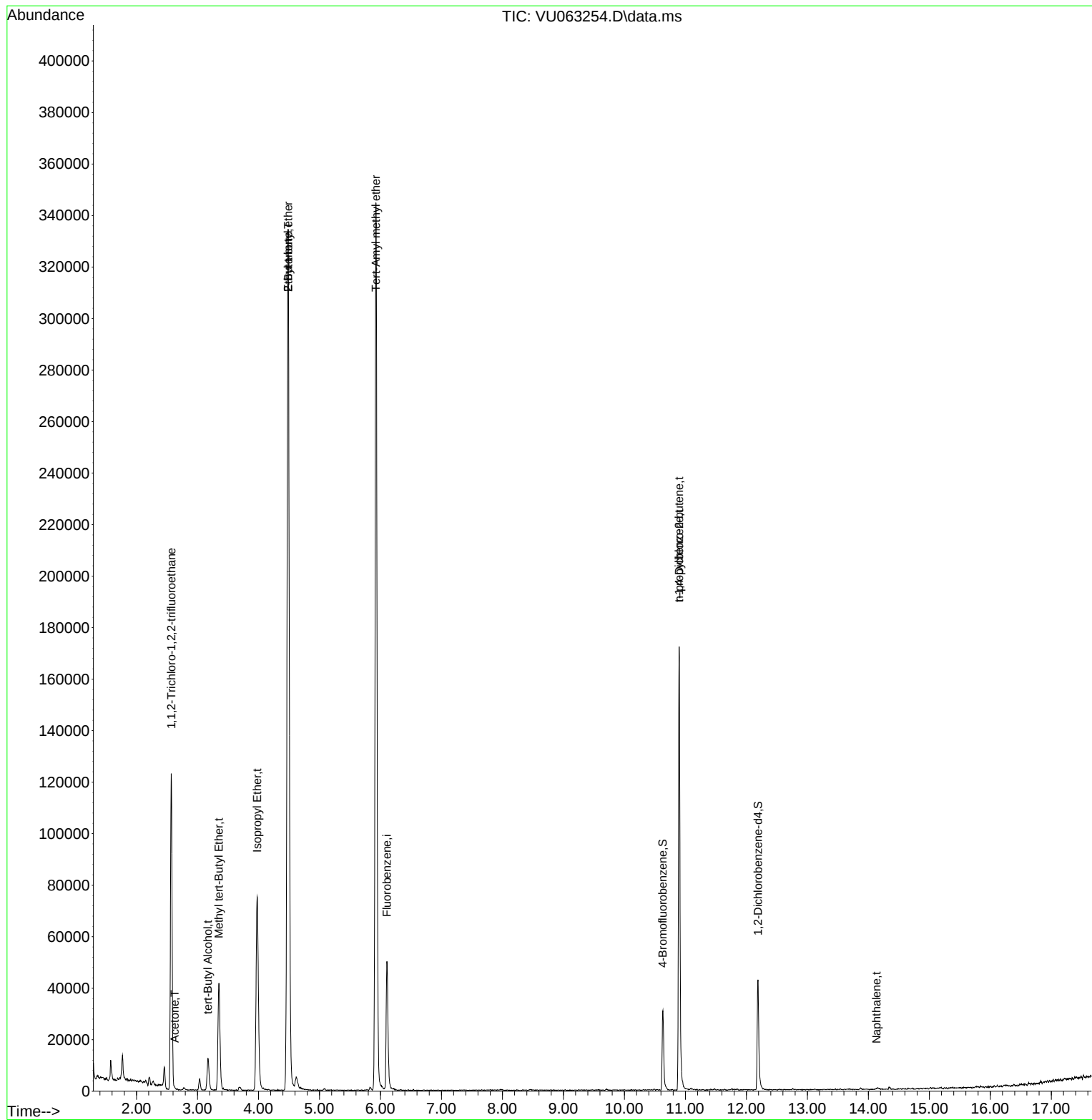
Internal Standards						
1) Fluorobenzene	6.107	96	48656	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	12366	0.771	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13603	0.815	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	49347	4.073	ug/l	99
13) Acetone	2.624	43	1316	0.601	ug/l	97
18) 2-Butanone	4.486	43	36782	10.557	ug/l #	1
24) tert-Butyl Alcohol	3.171	59	11052	3.957	ug/l #	90
25) Methyl tert-Butyl Ether	3.351	73	44947	1.458	ug/l	97
31) Isopropyl Ether	3.978	45	76959	2.030	ug/l	96
32) Ethyl-t-butyl ether	4.486	59	334596	9.705	ug/l	99
33) Tert-Amyl methyl ether	5.926	73	269177	8.936	ug/l	100
46) t-1,4-Dichloro-2-butene	10.897	75	883	0.226	ug/l #	1
73) n-propylbenzene	10.897	120	29507	1.916	ug/l	93
89) Naphthalene	14.135	128	436	0.672	ug/l #	69

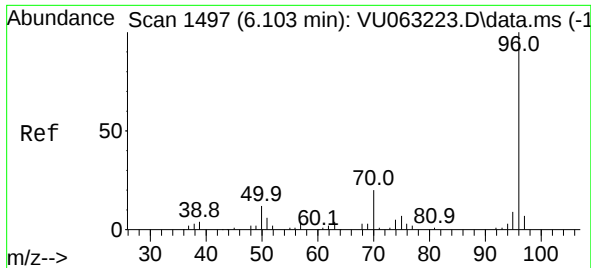
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
Data File : VU063254.D
Acq On : 12 Feb 2025 14:58
Operator : MD/SY
Sample : Q1172-10DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

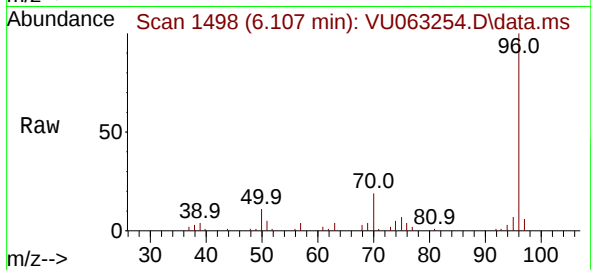
Quant Time: Feb 13 03:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 08:42:19 2025
Response via : Initial Calibration



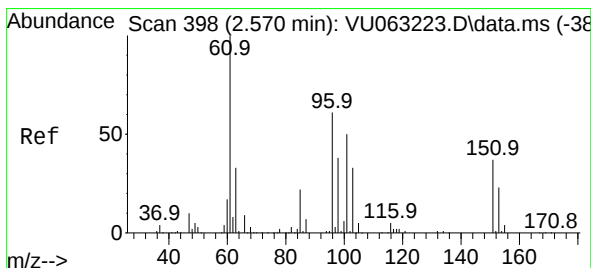
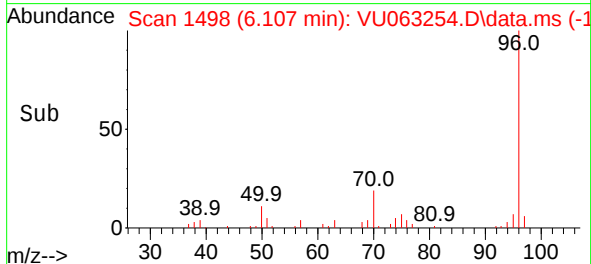
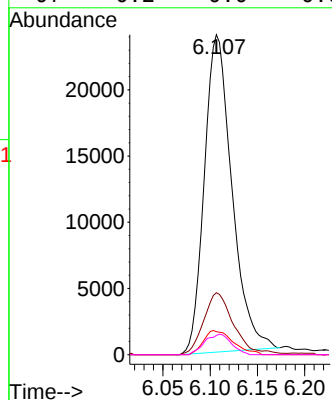


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :

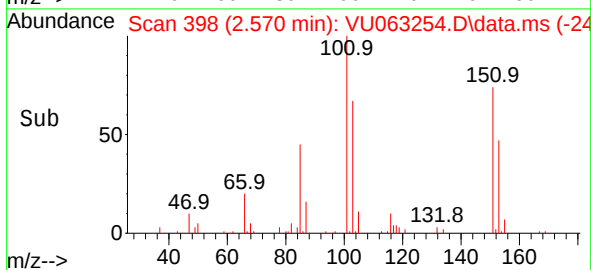
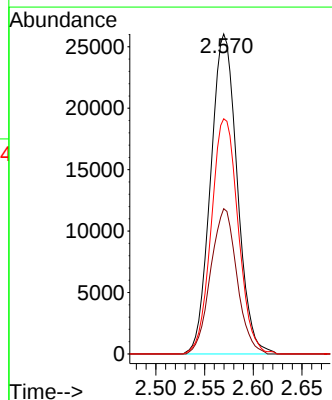
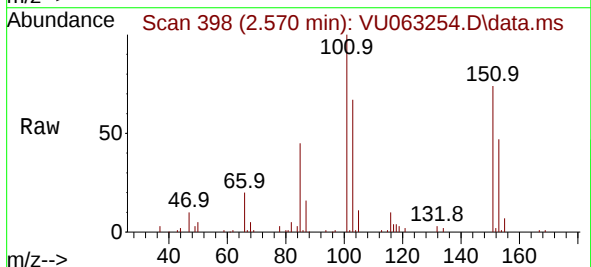


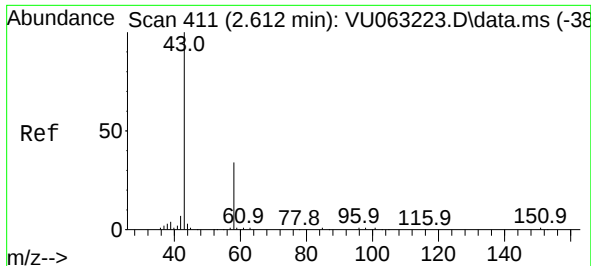
Tgt Ion: 96 Resp: 48656
Ion Ratio Lower Upper
96 100
70 20.5 15.6 23.4
95 8.2 7.3 10.9
97 6.2 0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.073 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

Tgt Ion:101 Resp: 49347
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.0
151 74.5 58.5 87.7

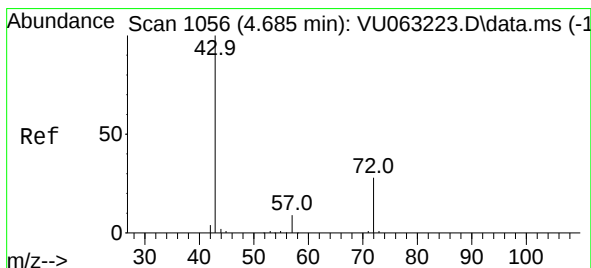
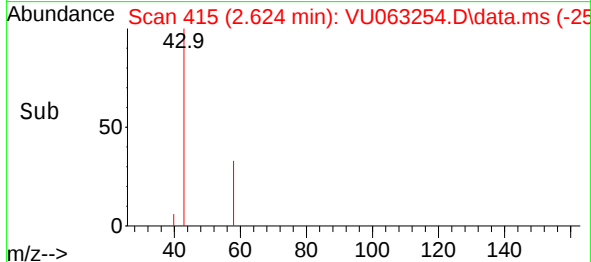
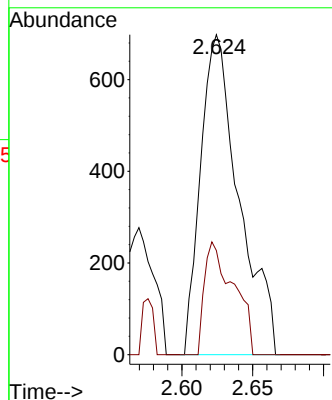
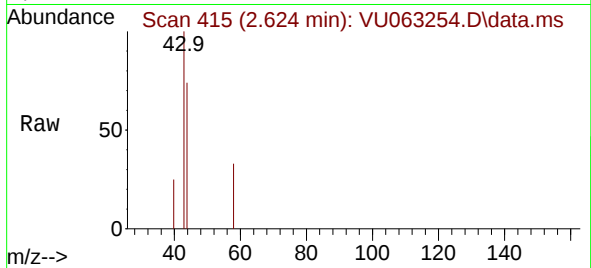




#13
Acetone
Concen: 0.601 ug/l
RT: 2.624 min Scan# 411
Delta R.T. 0.013 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

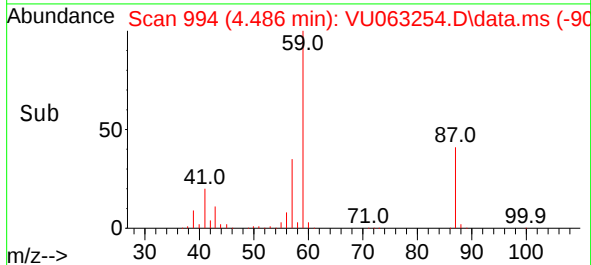
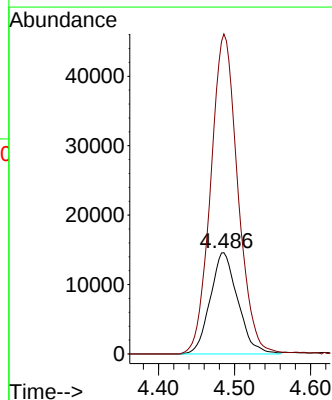
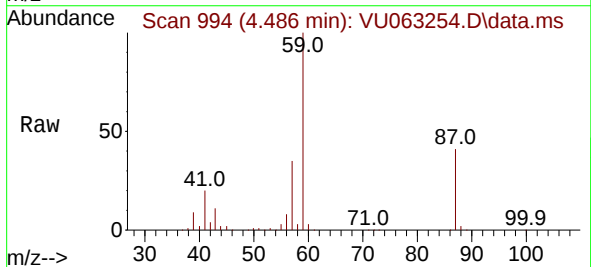
Instrument :
MSVOA_U
ClientSampleId :

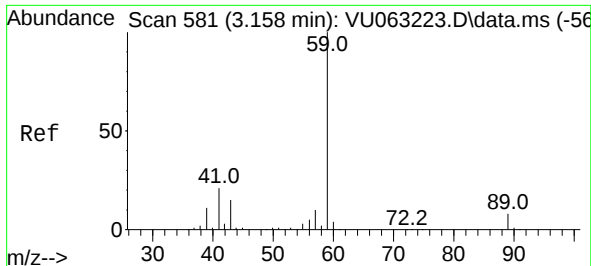
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 32.5 27.4 41.0



#18
2-Butanone
Concen: 10.557 ug/l
RT: 4.486 min Scan# 994
Delta R.T. -0.199 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

Tgt Ion: 43 Resp: 36782
Ion Ratio Lower Upper
43 100
57 316.0 0.0 17.0#

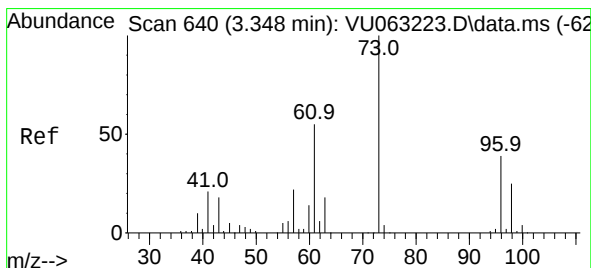
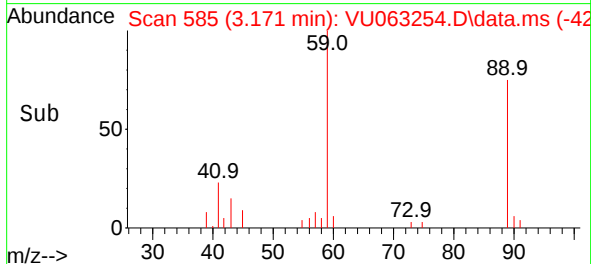
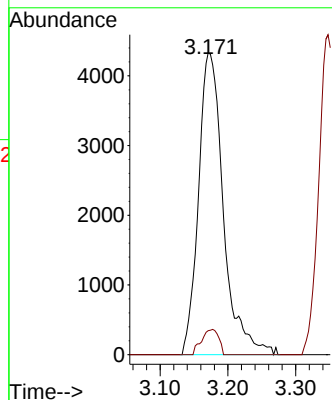
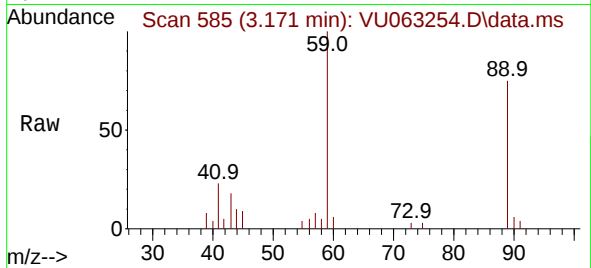




#24
tert-Butyl Alcohol
Concen: 3.957 ug/l
RT: 3.171 min Scan# 585
Delta R.T. 0.013 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

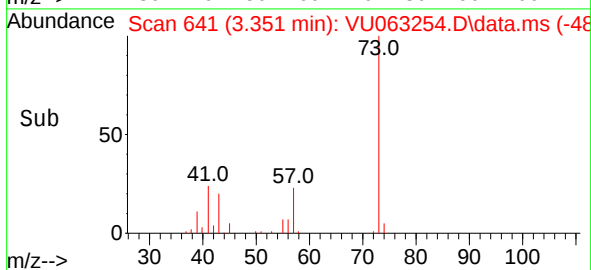
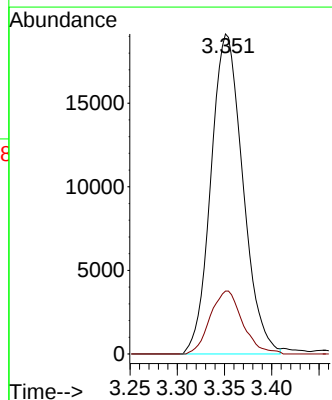
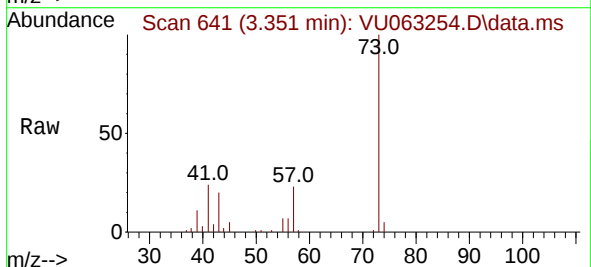
Instrument :
MSVOA_U
ClientSampleId :

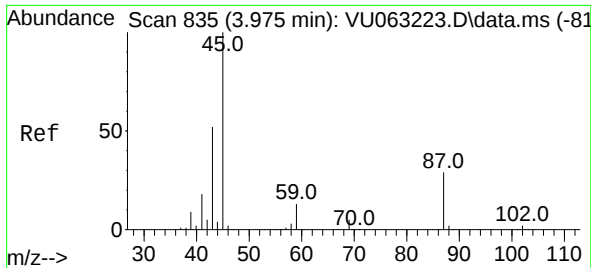
Tgt Ion: 59 Resp: 11052
Ion Ratio Lower Upper
59 100
57 5.8 7.5 11.3#



#25
Methyl tert-Butyl Ether
Concen: 1.458 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

Tgt Ion: 73 Resp: 44947
Ion Ratio Lower Upper
73 100
43 20.0 14.9 22.3

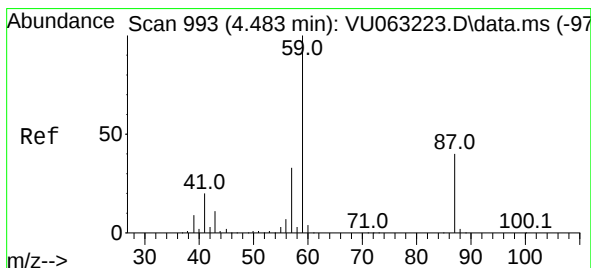
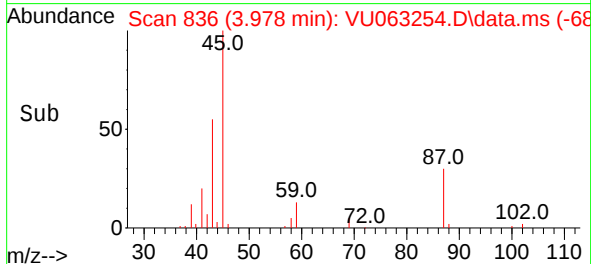
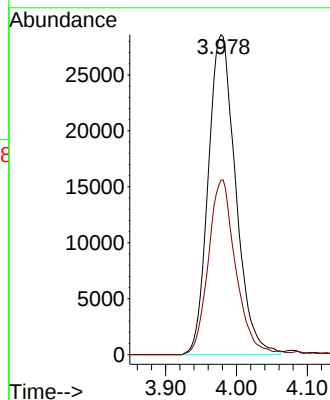
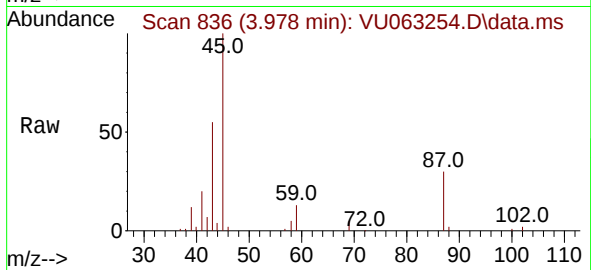




#31
Isopropyl Ether
Concen: 2.030 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

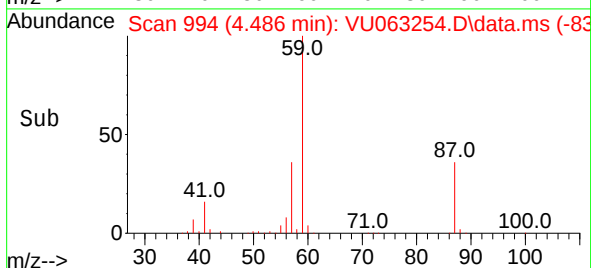
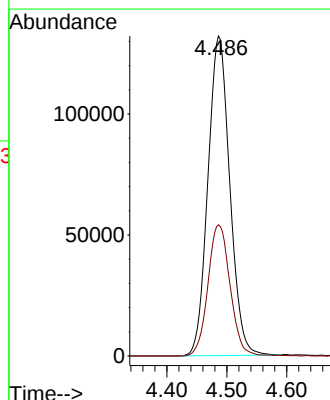
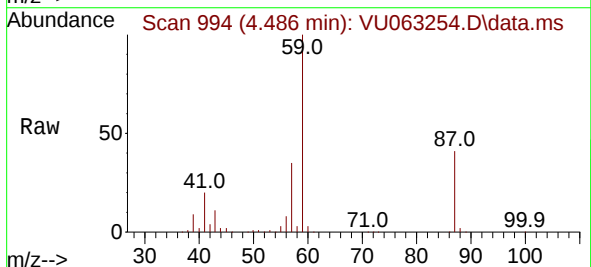
Instrument :
MSVOA_U
ClientSampleId :

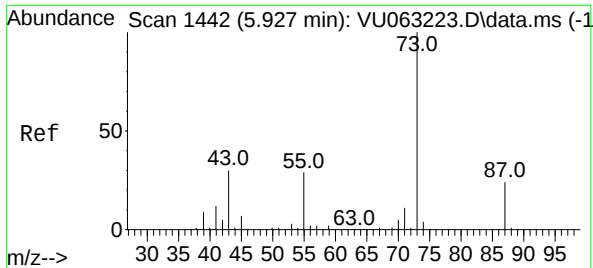
Tgt Ion: 45 Resp: 76959
Ion Ratio Lower Upper
45 100
43 54.1 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 9.705 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

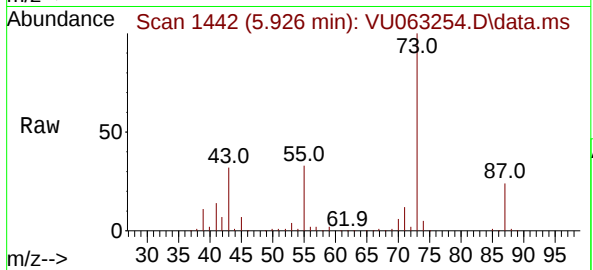
Tgt Ion: 59 Resp: 334596
Ion Ratio Lower Upper
59 100
87 41.7 32.6 49.0



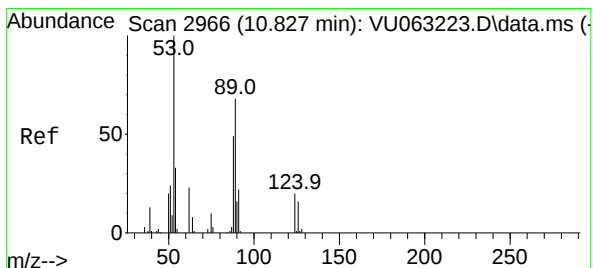
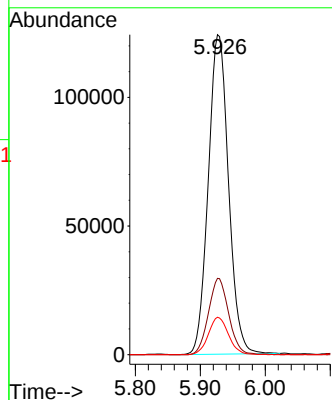
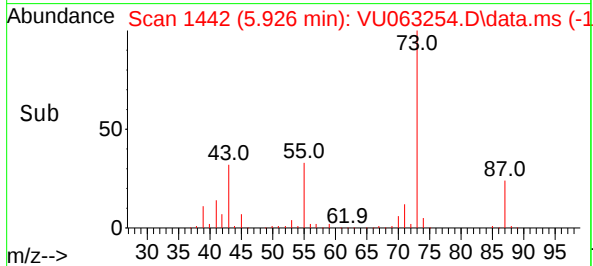


#33
Tert-Amyl methyl ether
Concen: 8.936 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

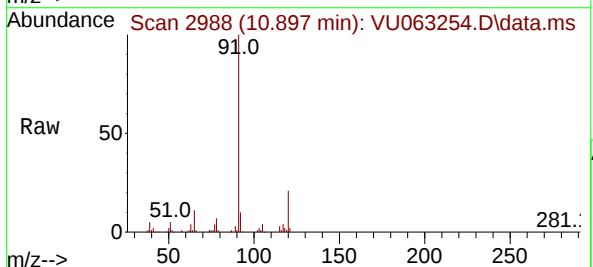
Instrument :
MSVOA_U
ClientSampleId :



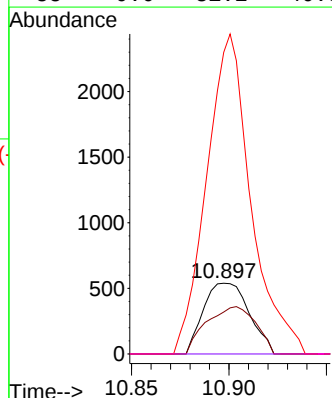
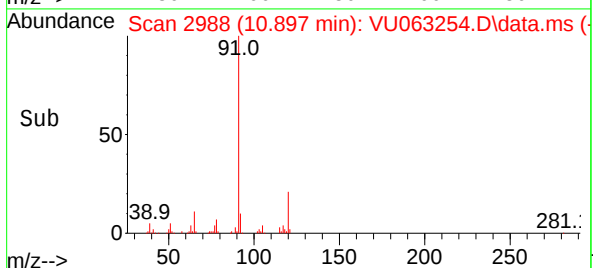
Tgt Ion: 73 Resp: 269177
Ion Ratio Lower Upper
73 100
87 23.6 18.9 28.3
71 11.7 9.0 13.4

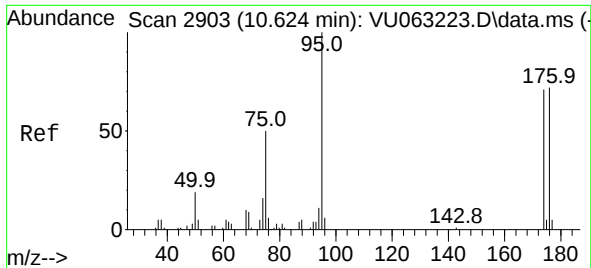


#46
t-1,4-Dichloro-2-butene
Concen: 0.226 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.071 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58



Tgt Ion: 75 Resp: 883
Ion Ratio Lower Upper
75 100
53 72.0 64.5 96.7
89 435.6 43.4 65.2#
88 0.0 31.2 46.8#





#57

4-Bromofluorobenzene

Concen: 0.771 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063254.D

Acq: 12 Feb 2025 14:58

Instrument :

MSVOA_U

ClientSampleId :

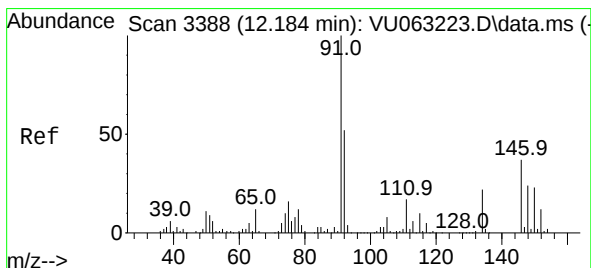
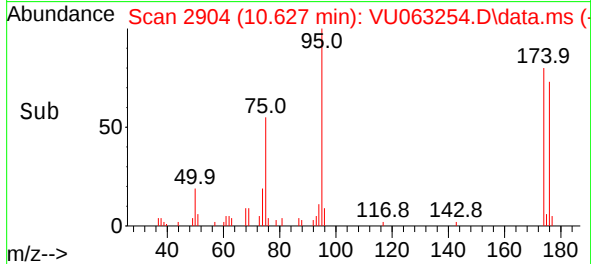
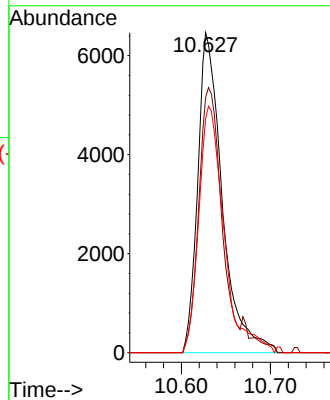
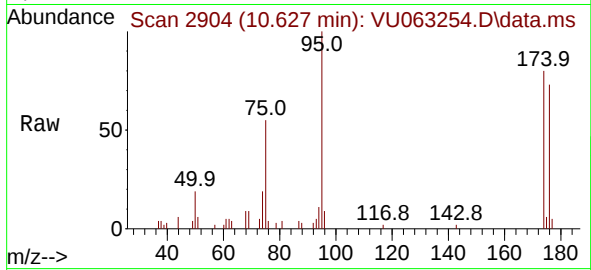
Tgt Ion: 95 Resp: 12366

Ion Ratio Lower Upper

95 100

174 76.7 58.6 88.0

176 79.4 58.2 87.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.815 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063254.D

Acq: 12 Feb 2025 14:58

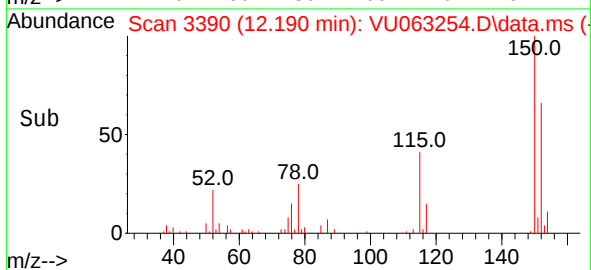
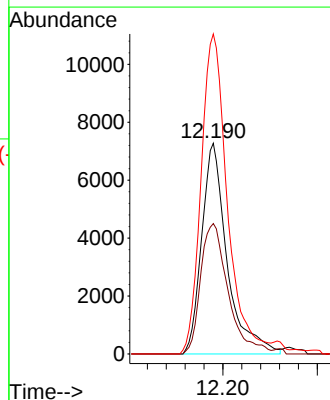
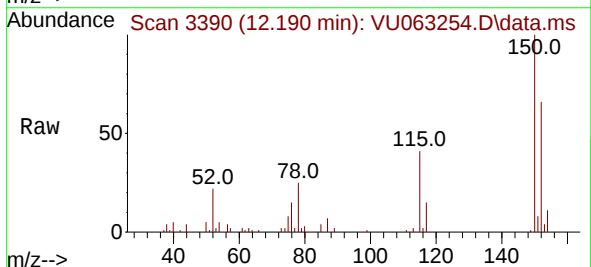
Tgt Ion:152 Resp: 13603

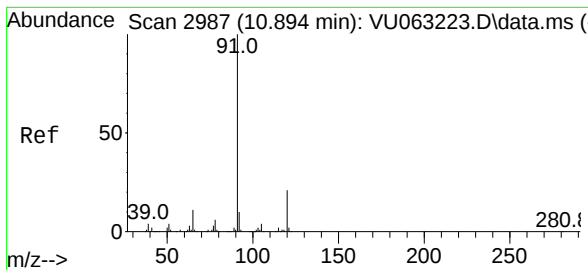
Ion Ratio Lower Upper

152 100

115 66.7 0.0 275.2

150 156.4 0.0 658.4

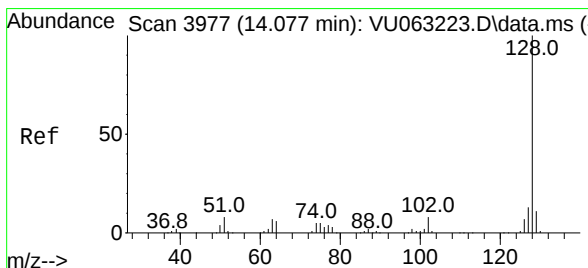
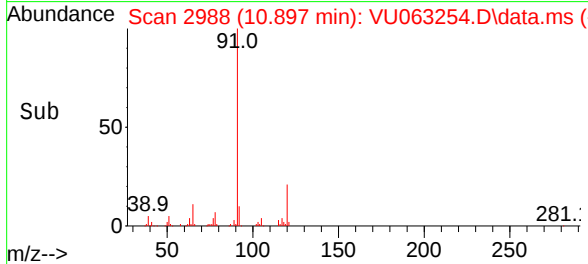
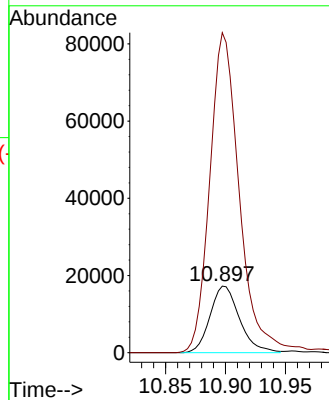
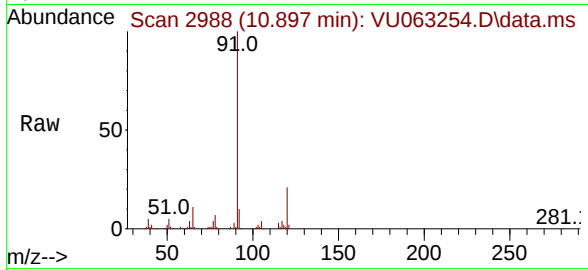




#73
n-propylbenzene
Concen: 1.916 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:120 Resp: 29507
Ion Ratio Lower Upper
120 100
91 481.3 369.8 554.6



#89
Naphthalene
Concen: 0.672 ug/l
RT: 14.135 min Scan# 3995
Delta R.T. 0.058 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

Tgt Ion:128 Resp: 436
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

