

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 :
 PT-ADD-WS

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)

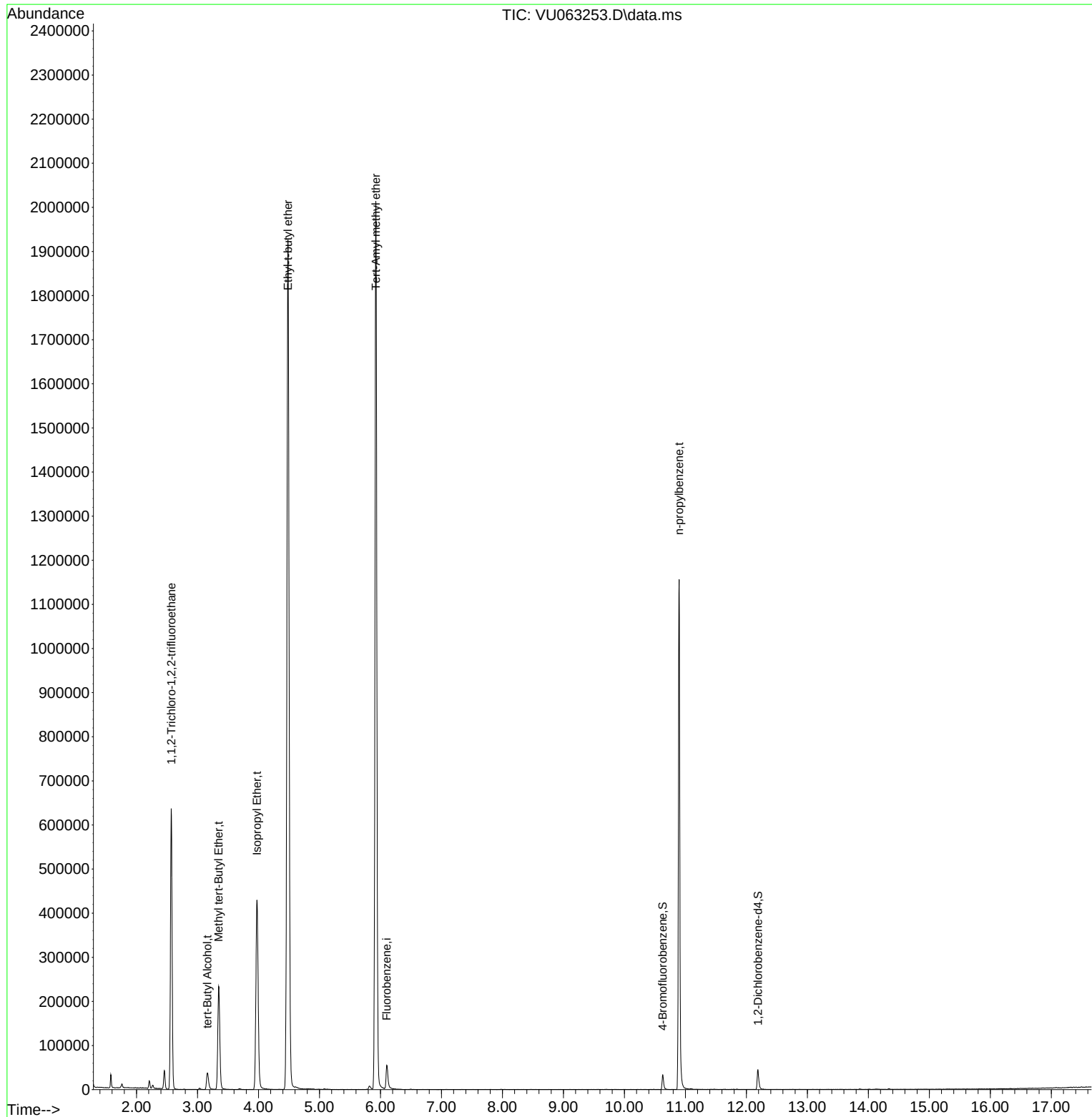
Internal Standards						
1) Fluorobenzene	6.103	96	52826	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	12765	0.733	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13885	0.766	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	259834	19.753	ug/l	100
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
73) n-propylbenzene	10.897	120	194126	11.610	ug/l	97

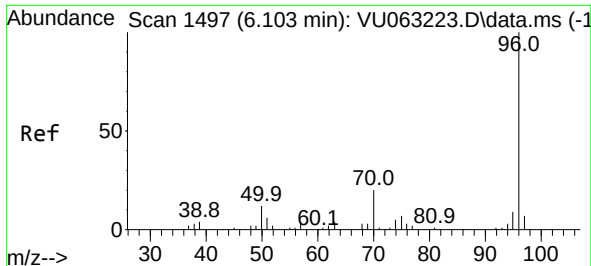
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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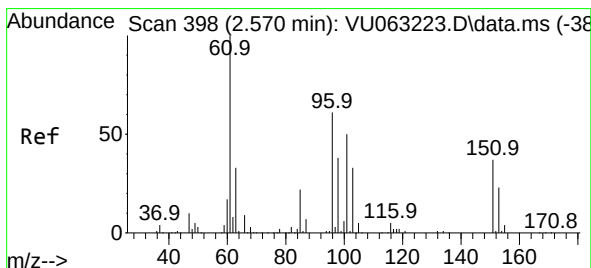
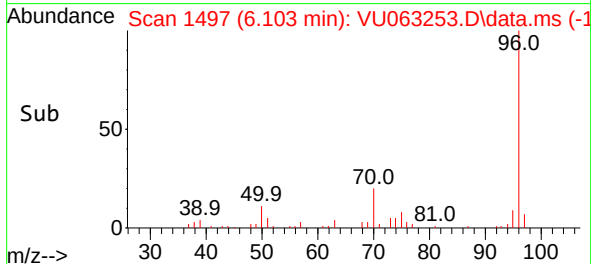
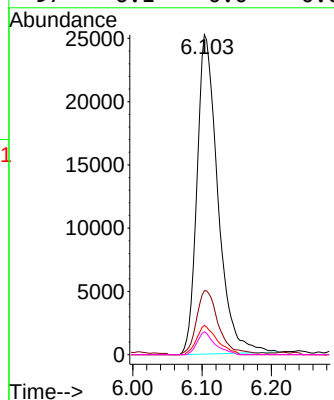
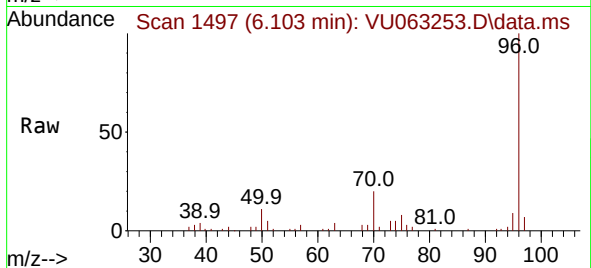




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

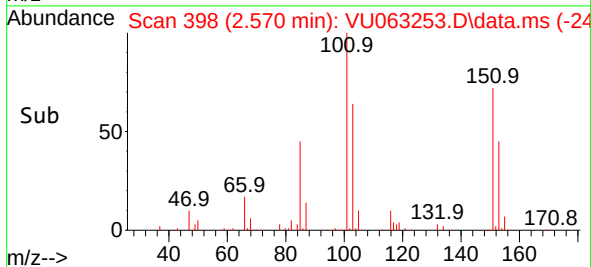
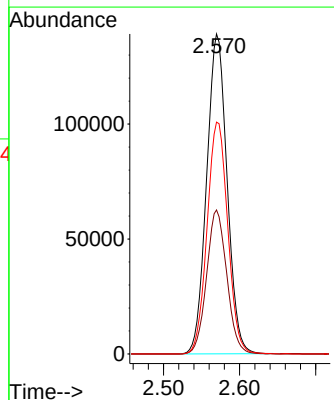
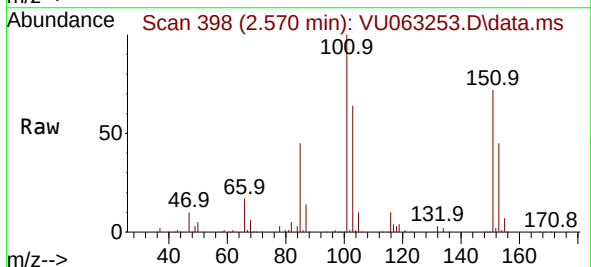
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

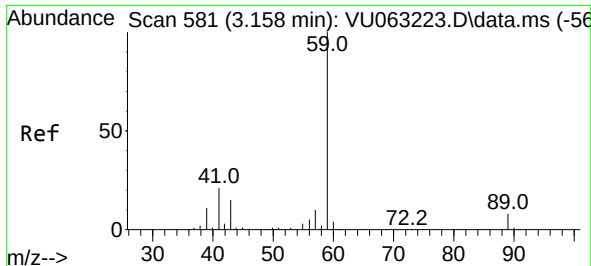
Tgt Ion:	96	Resp:	52826
Ion Ratio	Lower	Upper	
96	100		
70	20.3	15.6	23.4
95	9.0	7.3	10.9
97	6.1	0.0	0.0



#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

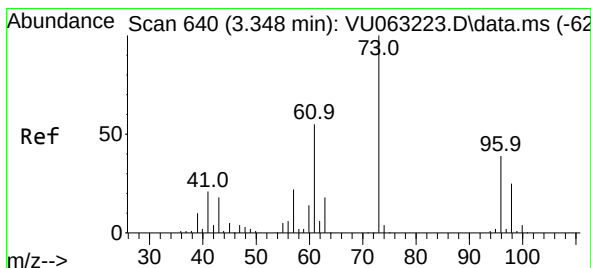
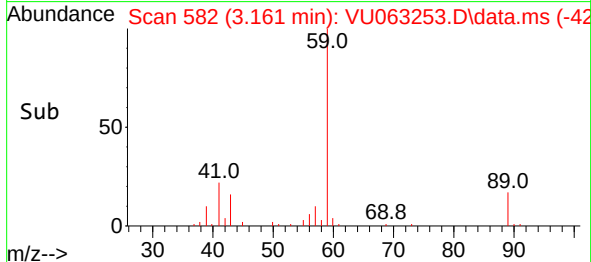
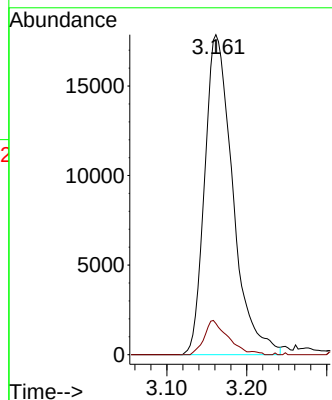
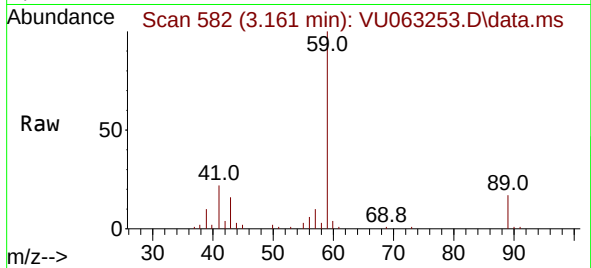




#24
tert-Butyl Alcohol
Concen: 32.713 ug/l
RT: 3.161 min Scan# 581
Delta R.T. 0.003 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

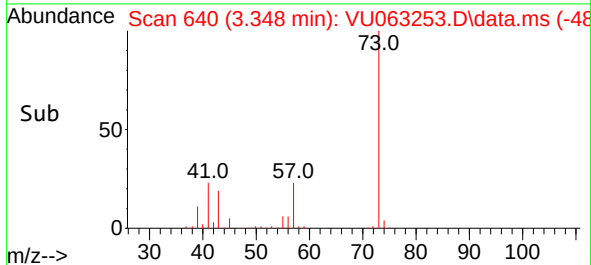
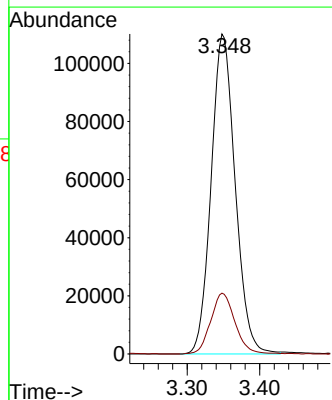
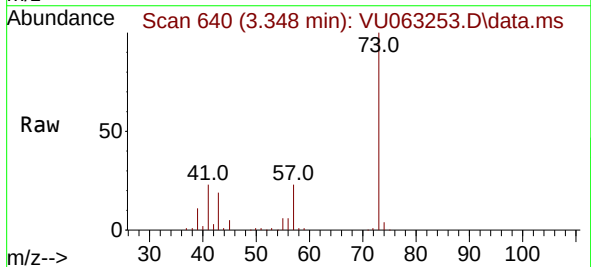
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

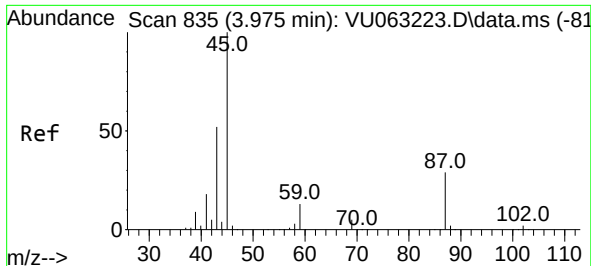
Tgt Ion: 59 Resp: 43566
Ion Ratio Lower Upper
59 100
57 8.8 7.5 11.3



#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

Tgt Ion: 73 Resp: 253519
Ion Ratio Lower Upper
73 100
43 19.1 14.9 22.3

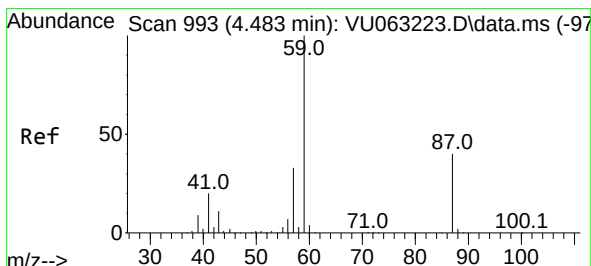
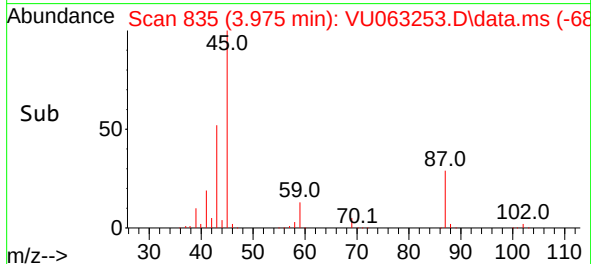
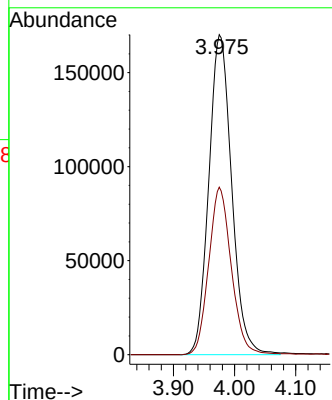
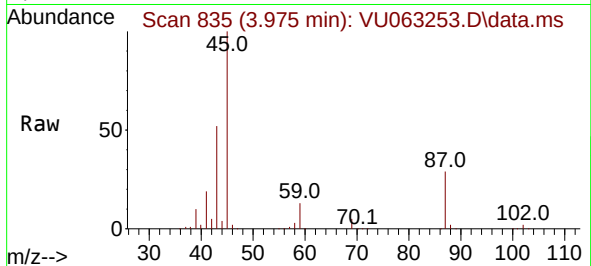




#31
Isopropyl Ether
Concen: 10.742 ug/l
RT: 3.975 min Scan# 835
Delta R.T. -0.000 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

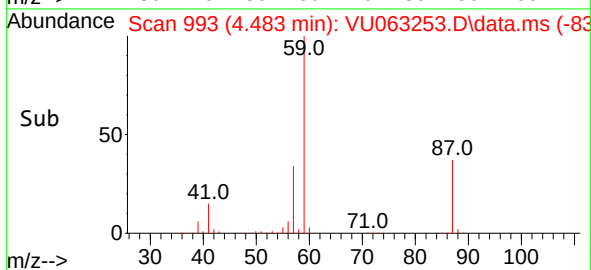
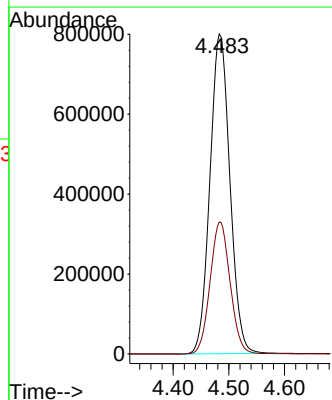
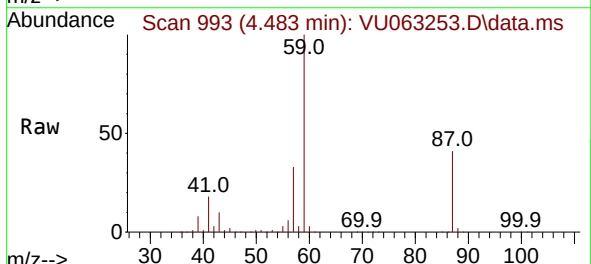
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

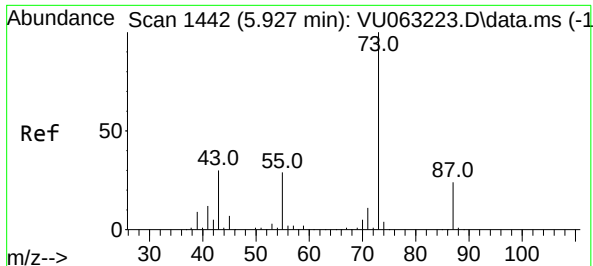
Tgt Ion: 45 Resp: 442152
Ion Ratio Lower Upper
45 100
43 51.7 25.7 77.1



#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

Tgt Ion: 59 Resp: 1993904
Ion Ratio Lower Upper
59 100
87 41.3 32.6 49.0

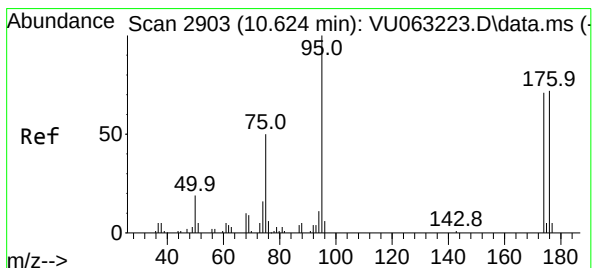
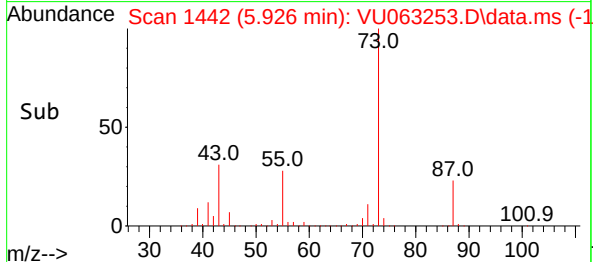
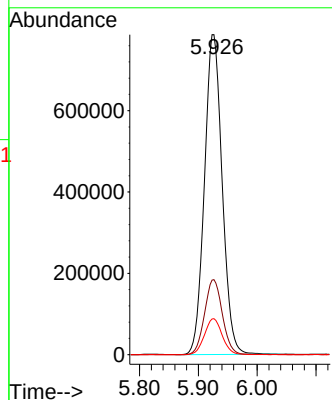
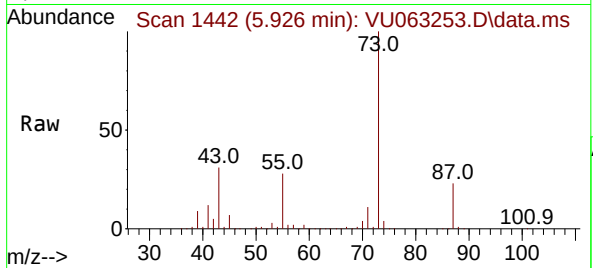




#33
Tert-Amyl methyl ether
Concen: 50.332 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

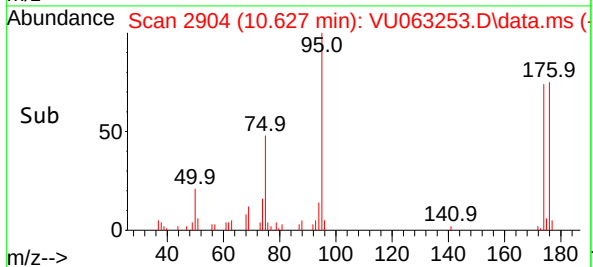
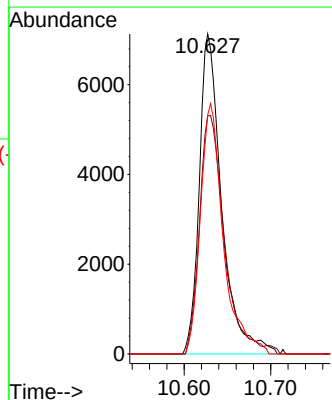
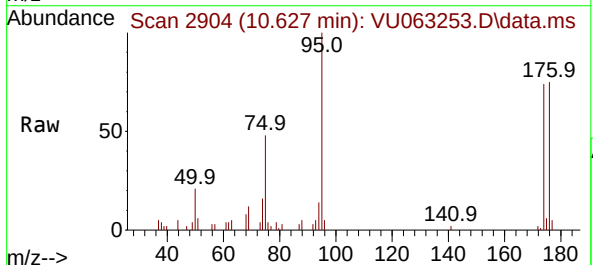
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MSVOA_U
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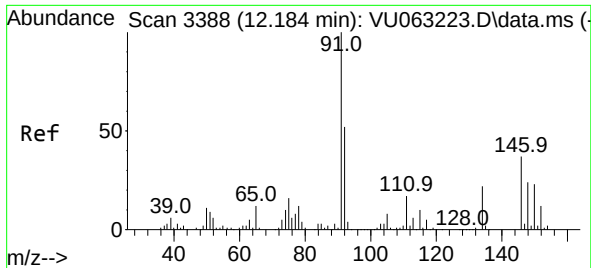
Tgt Ion: 73 Resp: 1646111
Ion Ratio Lower Upper
73 100
87 23.5 18.9 28.3
71 11.2 9.0 13.4



#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

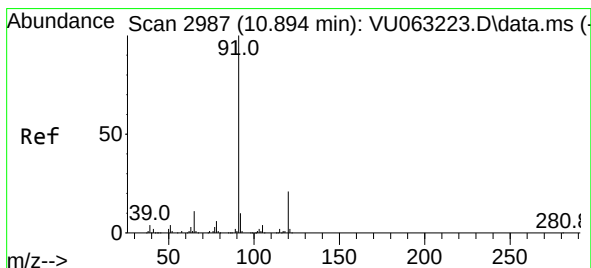
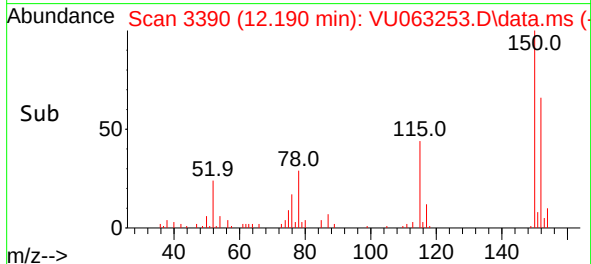
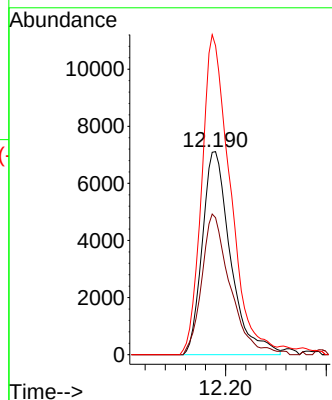
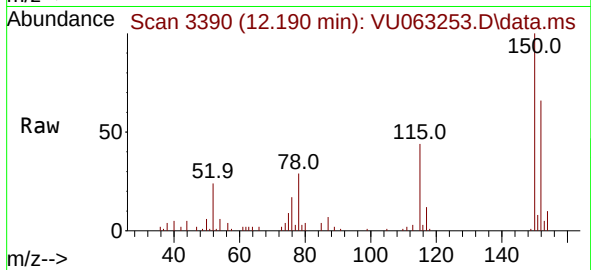




#68
1,2-Dichlorobenzene-d4
Concen: 0.766 ug/l
RT: 12.190 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063253.D
Acq: 12 Feb 2025 14:20

Instrument :
MSVOA_U
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.7	0.0	275.2
150	159.0	0.0	658.4



#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

Tgt Ion	Ratio	Lower	Upper
120	100		
91	469.0	369.8	554.6

