

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 :
 PT-ADD-WSDL

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)

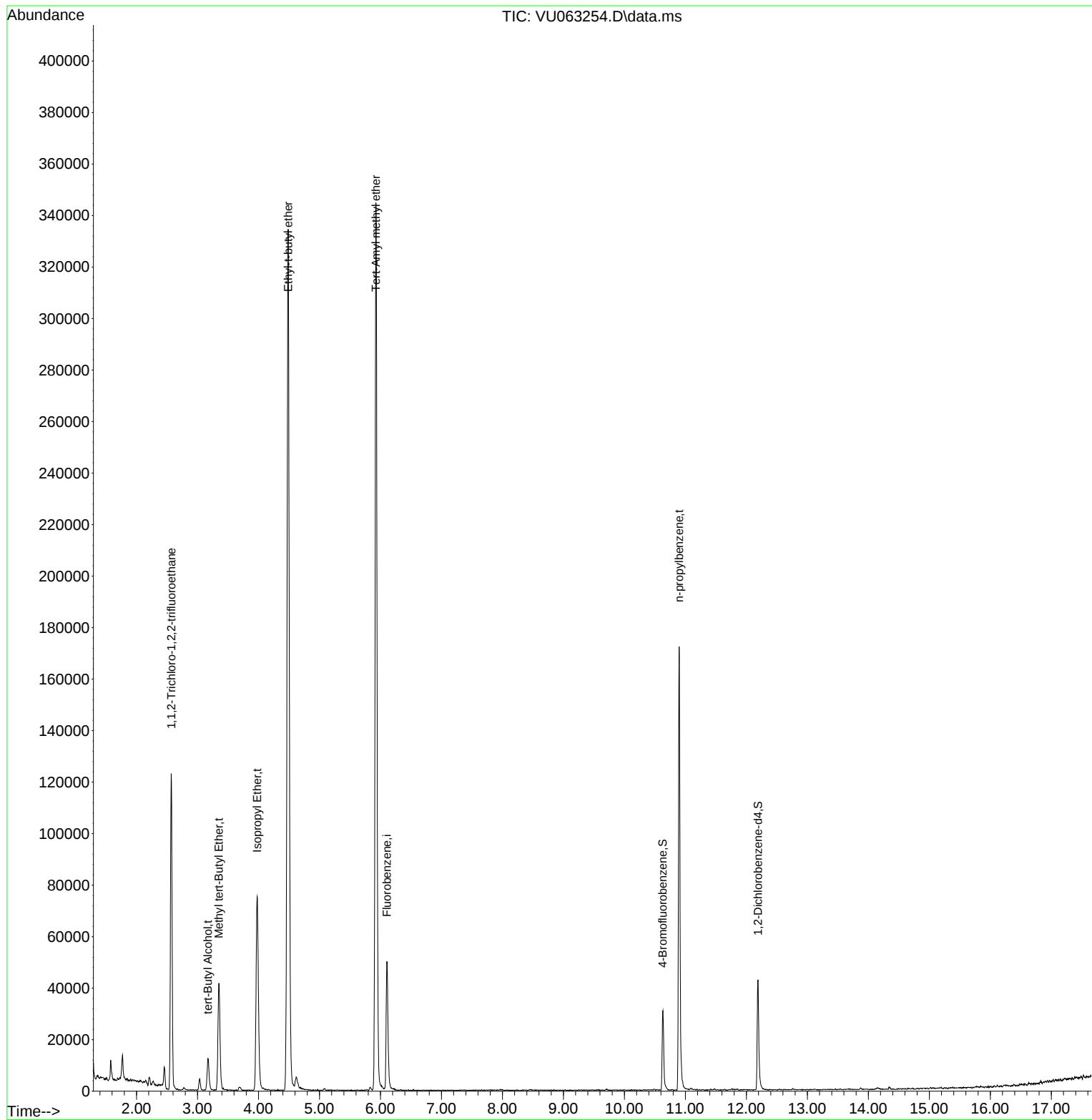
Internal Standards						
1) Fluorobenzene	6.107	96	48656	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	12366	0.771	ug/l	0.00
Spiked Amount 1.000			Recovery	=	77.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13603	0.815	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	49347	4.073	ug/l	99
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
73) n-propylbenzene	10.897	120	29507	1.916	ug/l	93

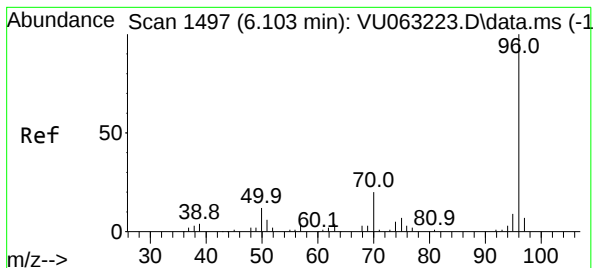
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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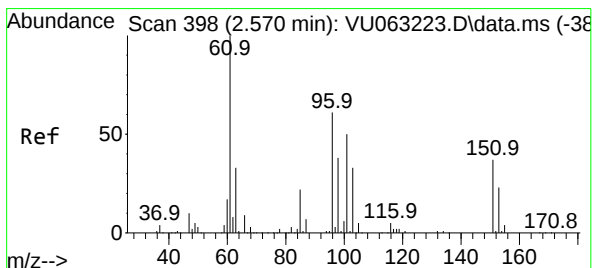
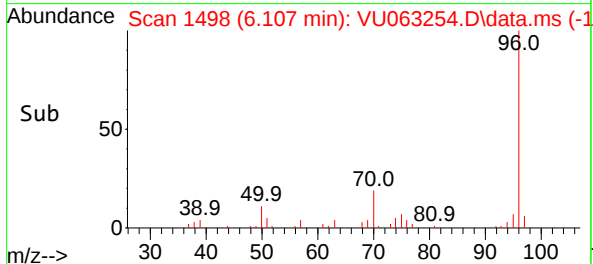
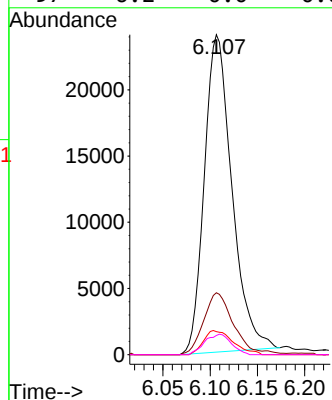
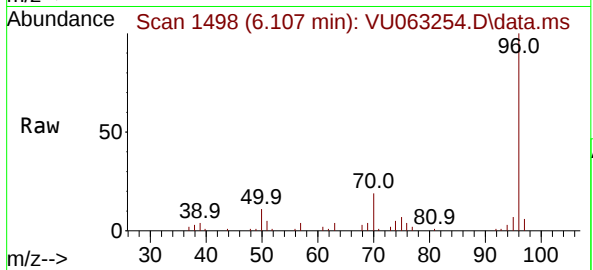


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

Tgt Ion: 96 Resp: 48656

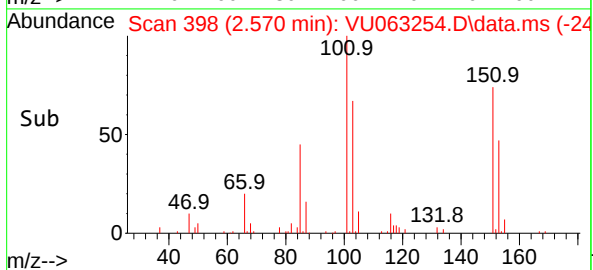
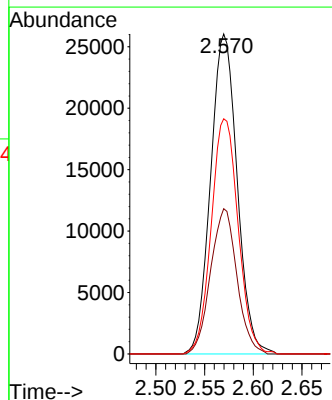
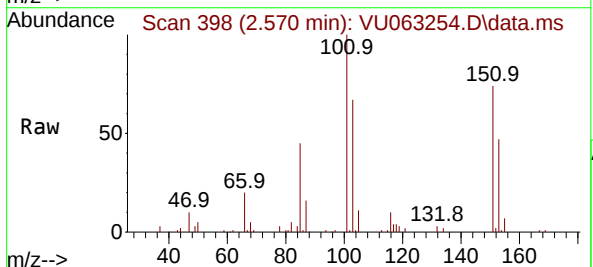
Ion	Ratio	Lower	Upper
96	100		
70	20.5	15.6	23.4
95	8.2	7.3	10.9
97	6.2	0.0	0.0

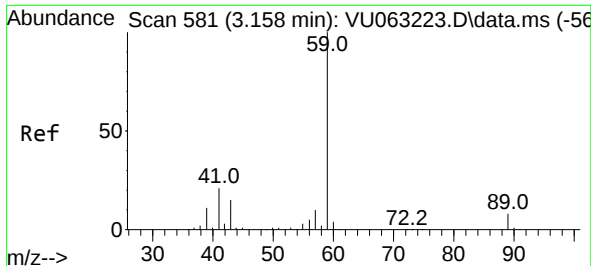


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.073 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

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

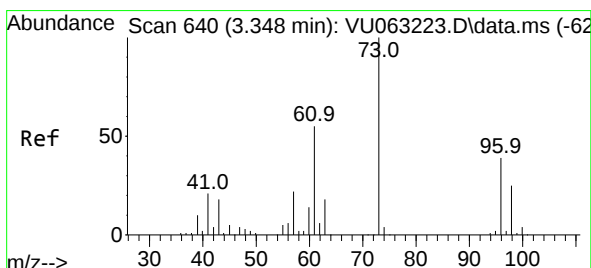
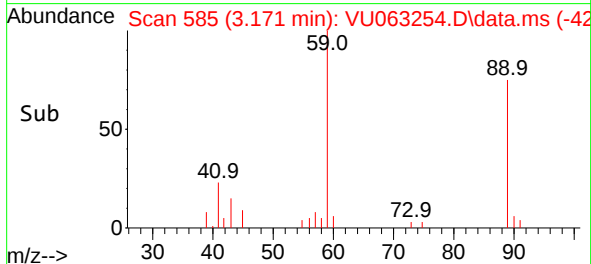
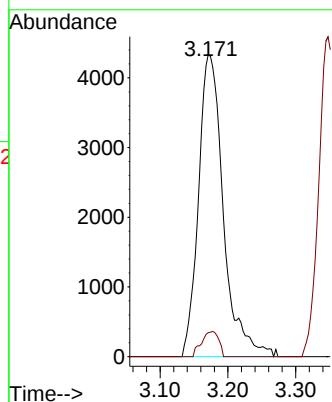
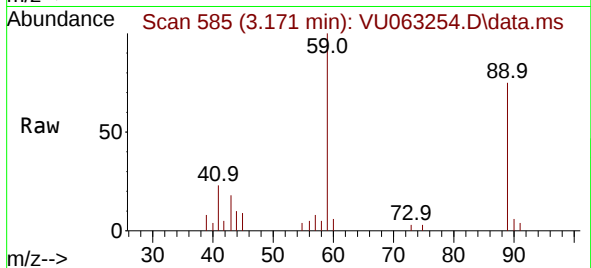




#24
tert-Butyl Alcohol
Concen: 3.957 ug/l
RT: 3.171 min Scan# 585
Delta R.T. 0.013 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

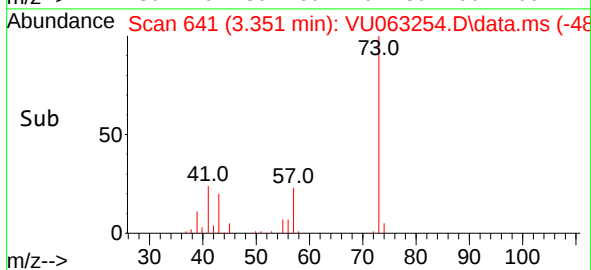
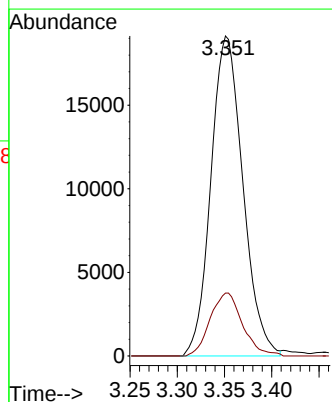
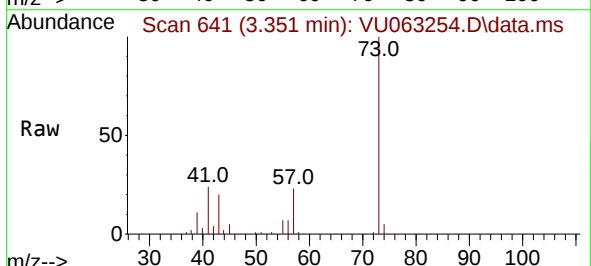
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

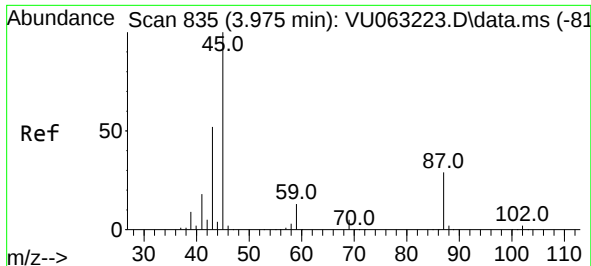
Tgt Ion: 59 Resp: 11052
Ion Ratio Lower Upper
59 100
57 5.8 7.5 11.3#



#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

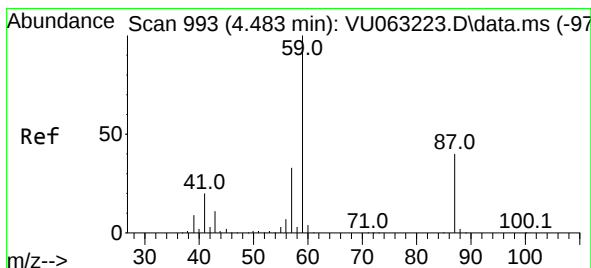
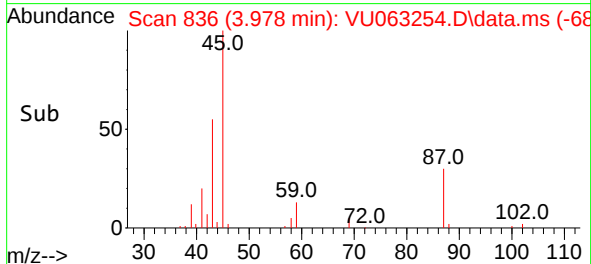
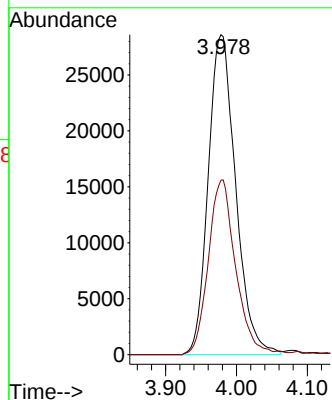
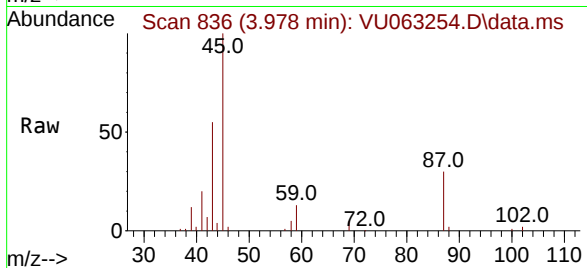




#31
Isopropyl Ether
Concen: 2.030 ug/l
RT: 3.978 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

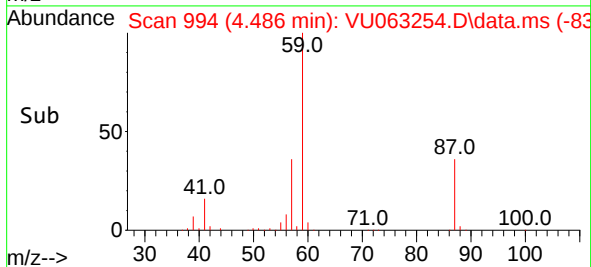
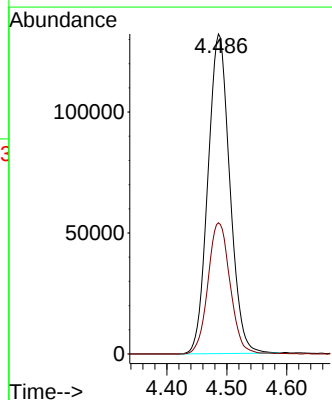
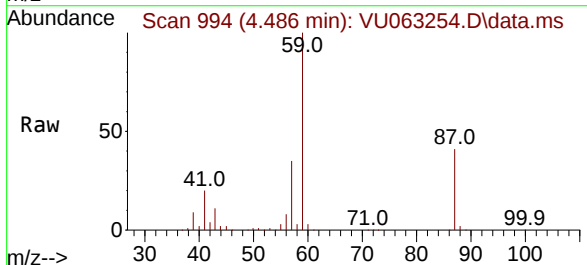
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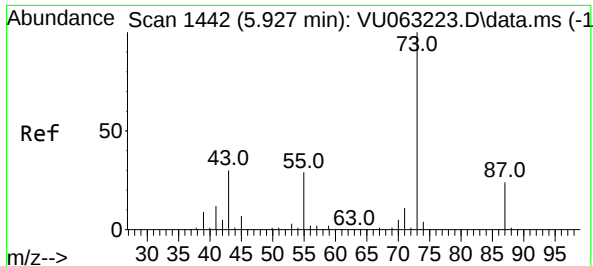
Tgt Ion: 45 Resp: 76959
Ion Ratio Lower Upper
45 100
43 54.1 25.7 77.1



#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

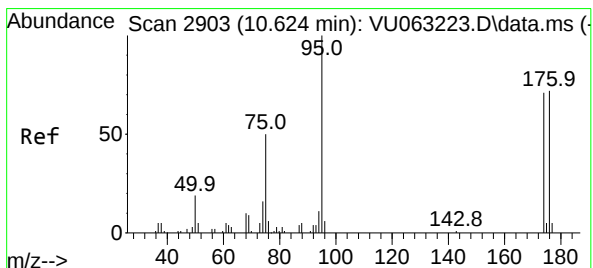
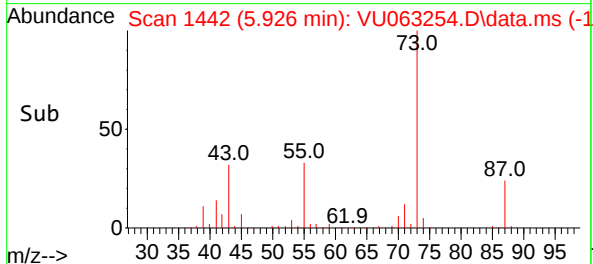
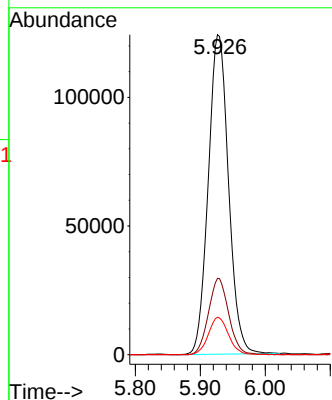
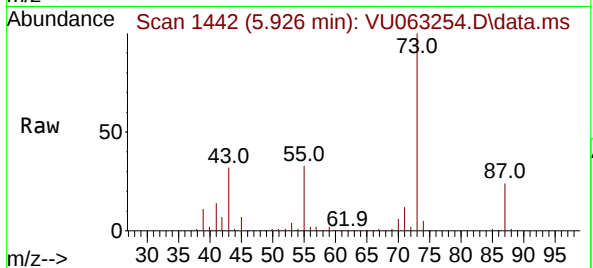




#33
Tert-Amyl methyl ether
Concen: 8.936 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063254.D
Acq: 12 Feb 2025 14:58

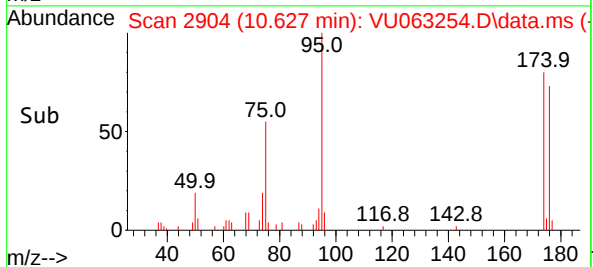
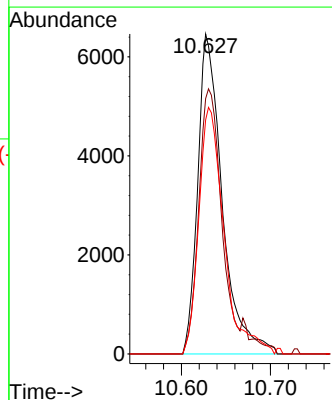
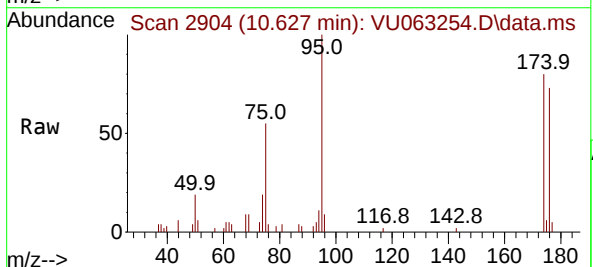
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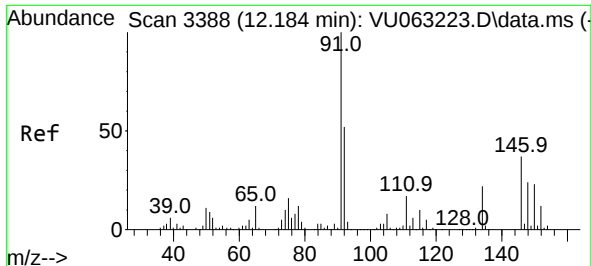
Tgt Ion: 73	Resp: 269177
Ion Ratio	Lower Upper
73 100	
87 23.6	18.9 28.3
71 11.7	9.0 13.4



#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

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



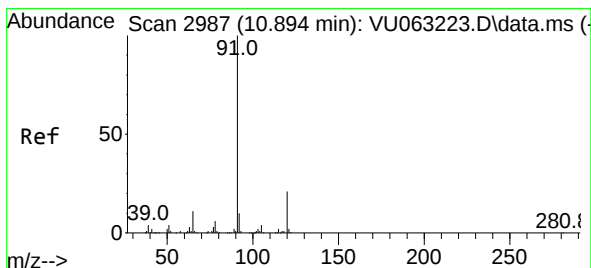
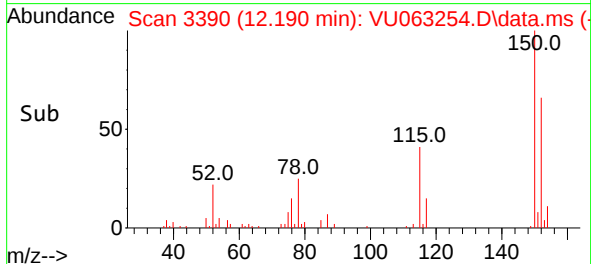
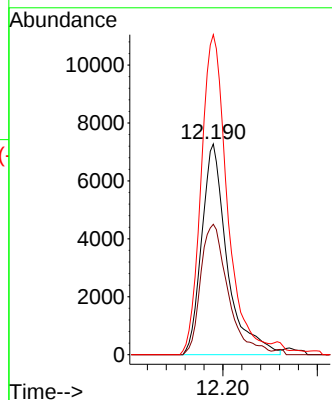
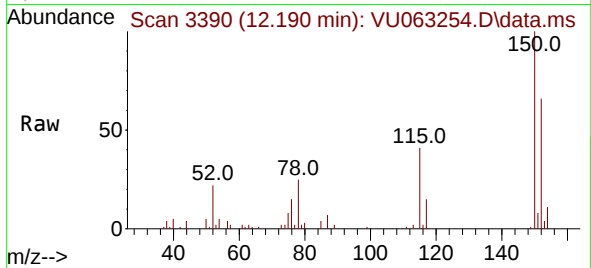


#68
 1,2-Dichlorobenzene-d4
 Concen: 0.815 ug/l
 RT: 12.190 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU063254.D
 Acq: 12 Feb 2025 14:58

Instrument :
 MSVOA_U
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 PT-ADD-WSDL

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# 2988
 Delta R.T. 0.003 min
 Lab File: VU063254.D
 Acq: 12 Feb 2025 14:58

Tgt Ion:120 Resp: 29507

Ion	Ratio	Lower	Upper
120	100		
91	481.3	369.8	554.6

