

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063235.D
 Acq On : 11 Feb 2025 14:20
 Operator : MD/SY
 Sample : Q1172-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Feb 12 03:19:10 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)

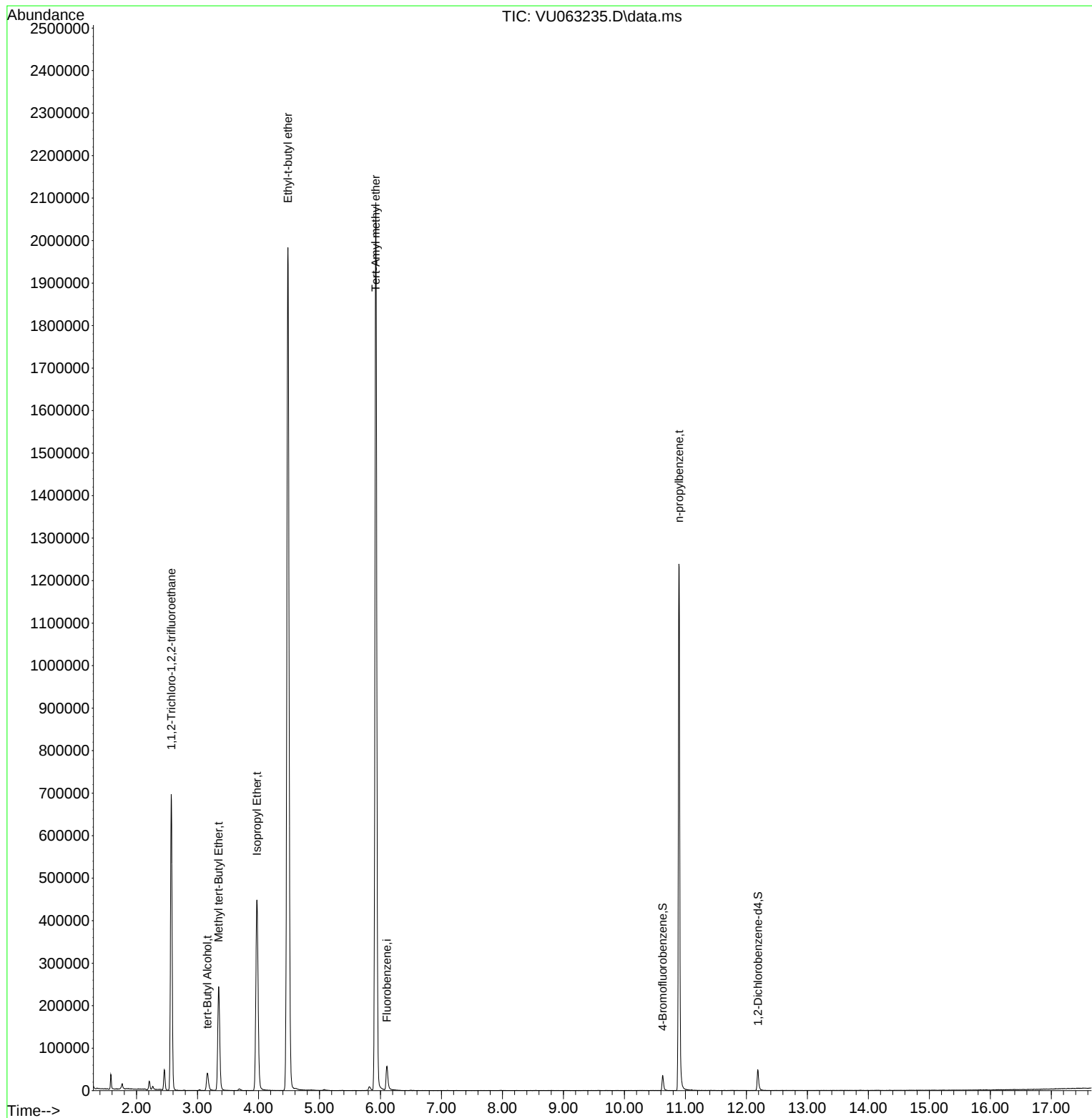
Internal Standards						
1) Fluorobenzene	6.106	96	55886	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13463	0.730	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15295	0.798	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	283702	20.387	ug/l	99
24) tert-Butyl Alcohol	3.161	59	46575	33.131	ug/l	99
25) Methyl tert-Butyl Ether	3.348	73	267426	7.552	ug/l	99
31) Isopropyl Ether	3.975	45	460999	10.586	ug/l	99
32) Ethyl-t-butyl ether	4.483	59	2082517	52.588	ug/l	100
33) Tert-Amyl methyl ether	5.923	73	1712141	49.484	ug/l	100
73) n-propylbenzene	10.897	120	208134	11.766	ug/l	98

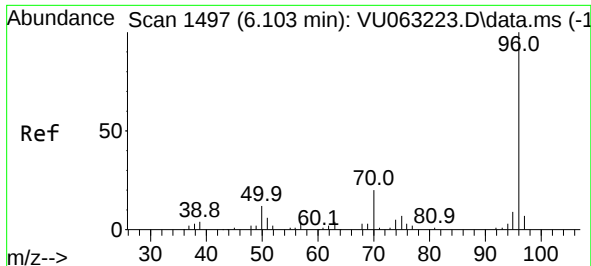
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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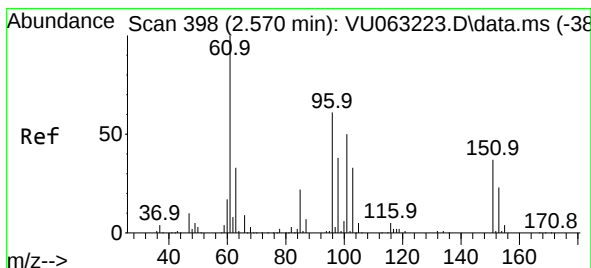
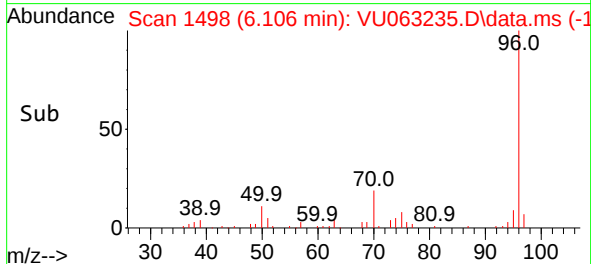
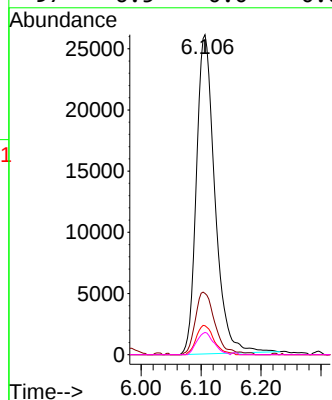
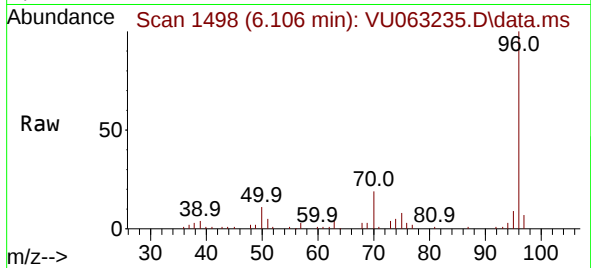




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 1497
Delta R.T. 0.003 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

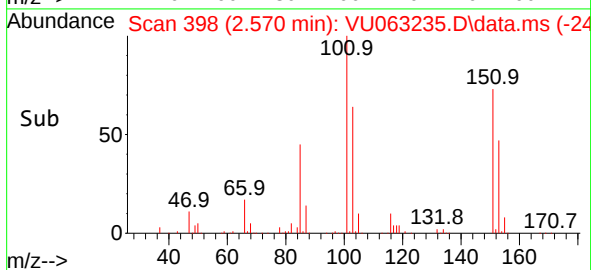
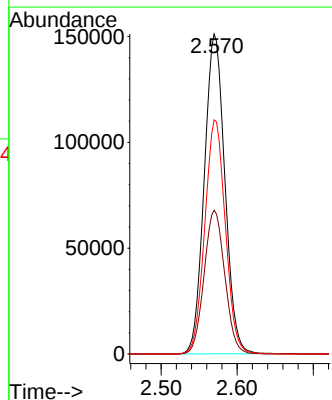
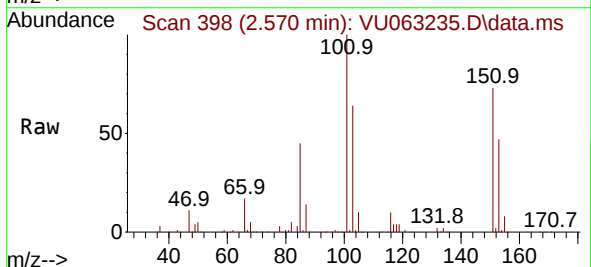
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

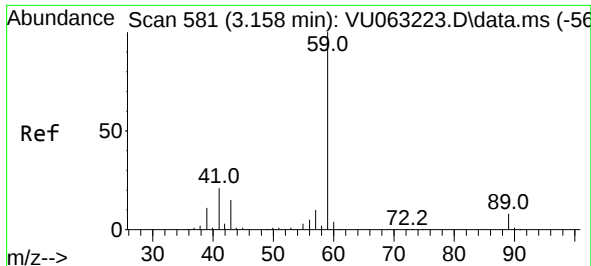
Tgt Ion: 96 Resp: 55886
Ion Ratio Lower Upper
96 100
70 20.0 15.6 23.4
95 8.9 7.3 10.9
97 6.5 0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.387 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

Tgt Ion:101 Resp: 283702
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.0
151 73.2 58.5 87.7

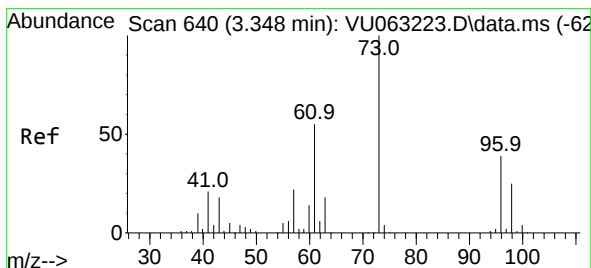
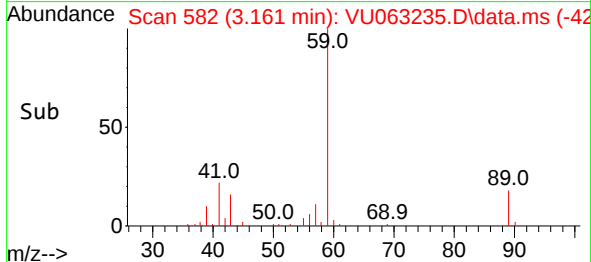
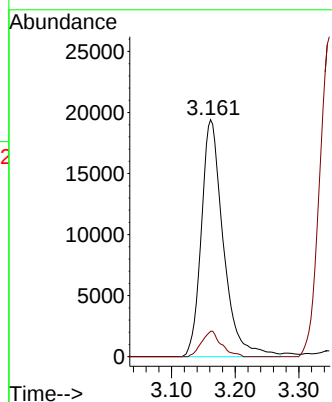
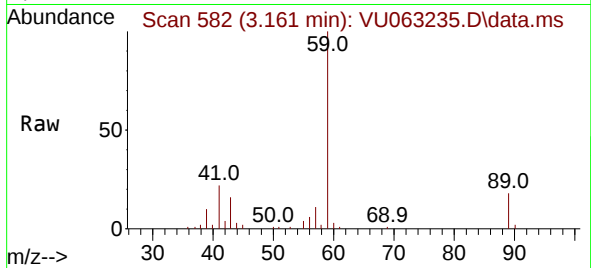




#24
tert-Butyl Alcohol
Concen: 33.131 ug/l
RT: 3.161 min Scan# 581
Delta R.T. 0.003 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

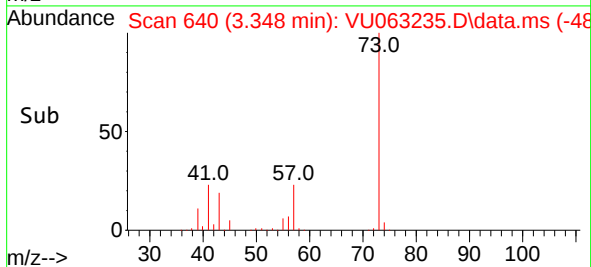
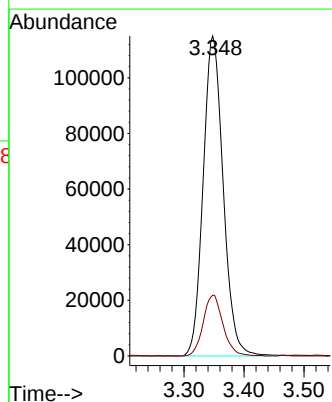
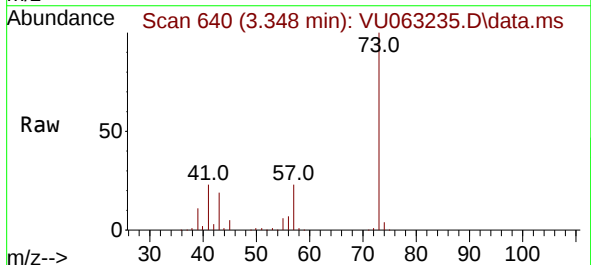
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

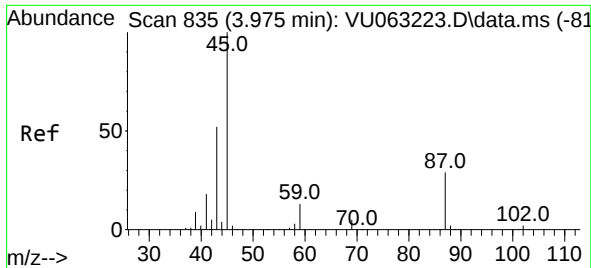
Tgt Ion: 59 Resp: 46575
Ion Ratio Lower Upper
59 100
57 9.6 7.5 11.3



#25
Methyl tert-Butyl Ether
Concen: 7.552 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

Tgt Ion: 73 Resp: 267426
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3

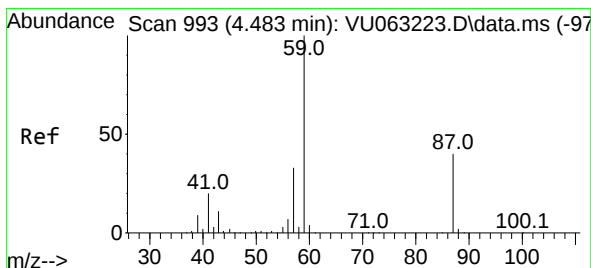
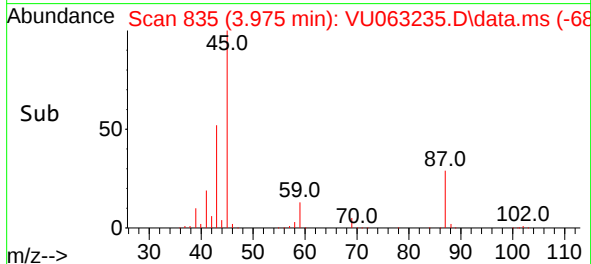
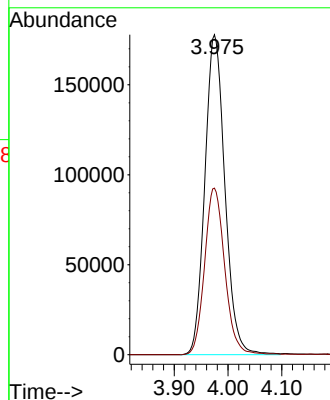
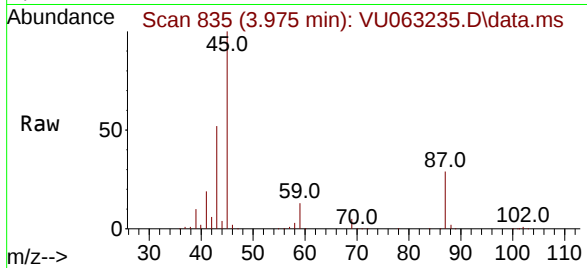




#31
Isopropyl Ether
Concen: 10.586 ug/l
RT: 3.975 min Scan# 835
Delta R.T. -0.000 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

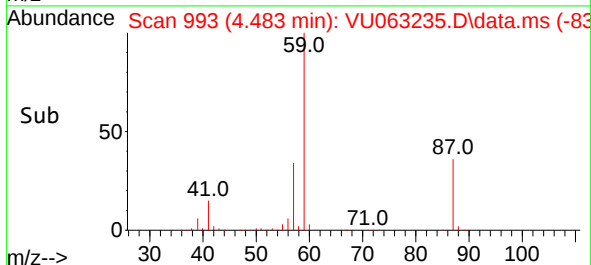
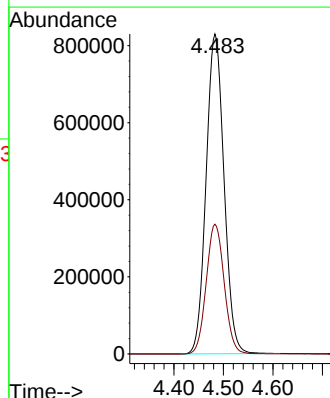
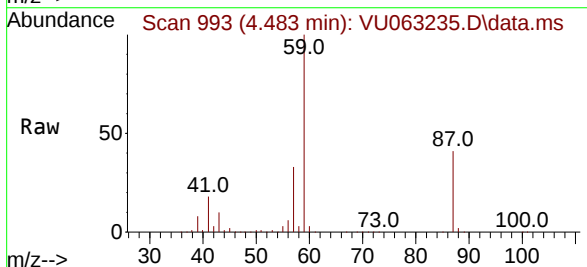
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

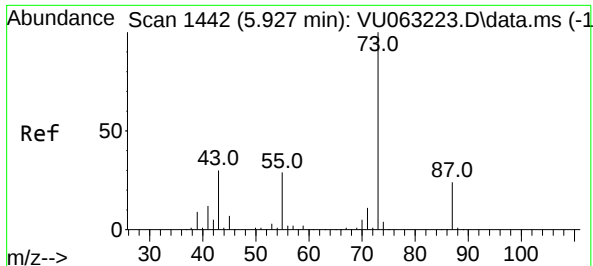
Tgt Ion: 45 Resp: 460999
Ion Ratio Lower Upper
45 100
43 52.2 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 52.588 ug/l
RT: 4.483 min Scan# 993
Delta R.T. -0.000 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

Tgt Ion: 59 Resp: 2082517
Ion Ratio Lower Upper
59 100
87 40.8 32.6 49.0

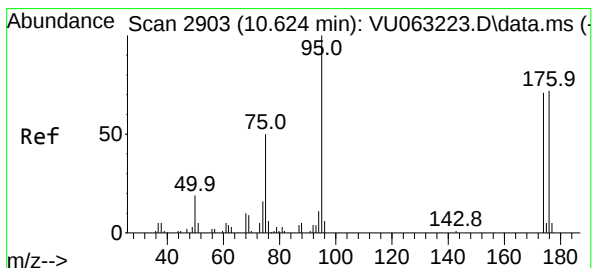
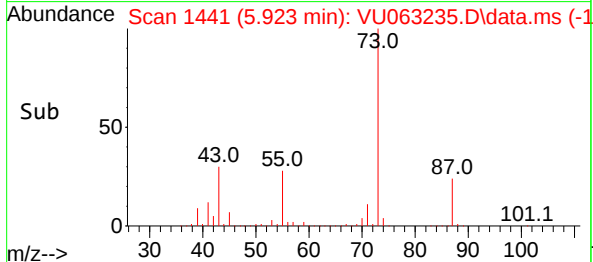
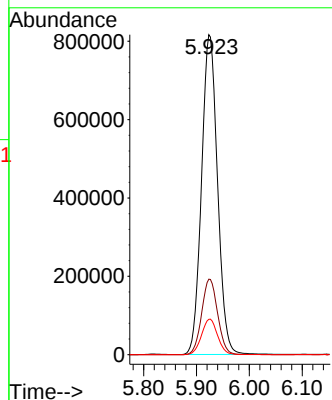
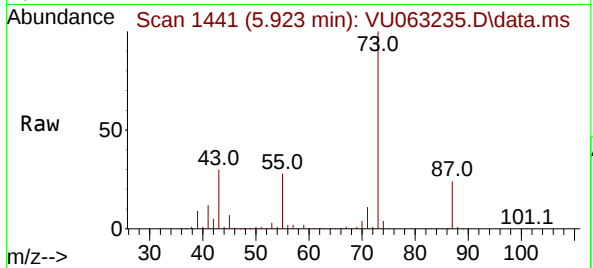




#33
Tert-Amyl methyl ether
Concen: 49.484 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

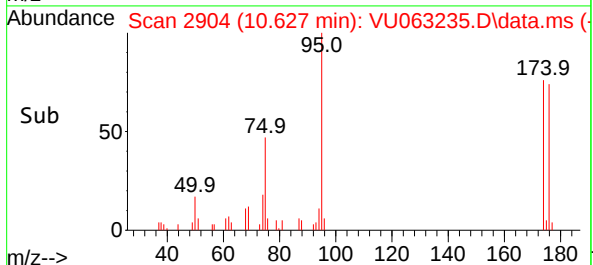
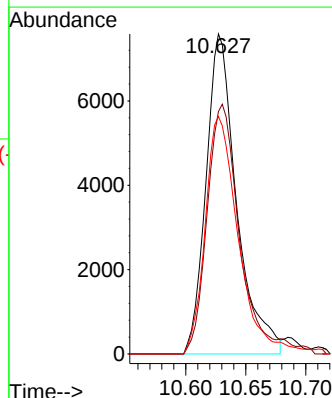
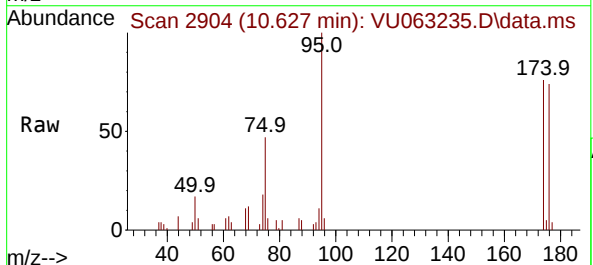
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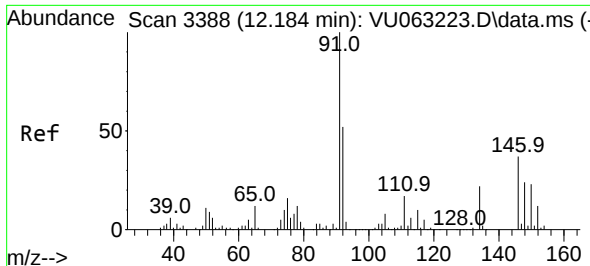
Tgt Ion: 73 Resp: 1712141
Ion Ratio Lower Upper
73 100
87 23.5 18.9 28.3
71 11.2 9.0 13.4



#57
4-Bromofluorobenzene
Concen: 0.730 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

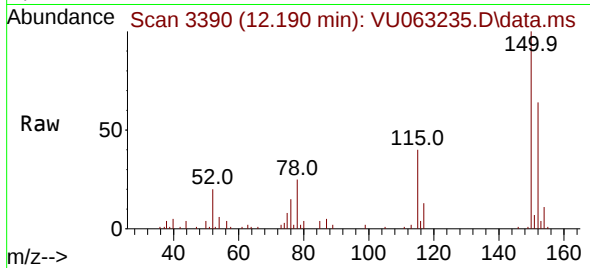
Tgt Ion: 95 Resp: 13463
Ion Ratio Lower Upper
95 100
174 83.6 58.6 88.0
176 80.2 58.2 87.4



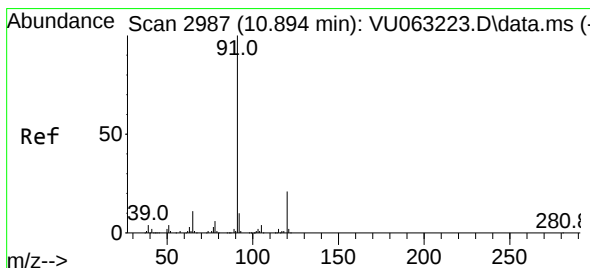
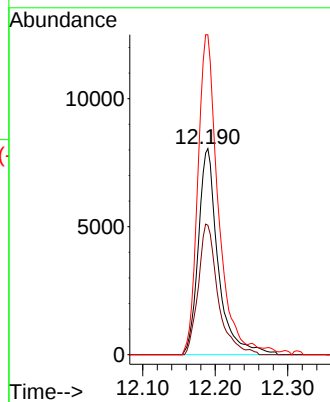
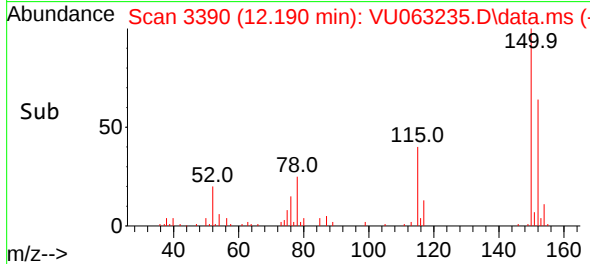


#68
1,2-Dichlorobenzene-d4
Concen: 0.798 ug/l
RT: 12.190 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20

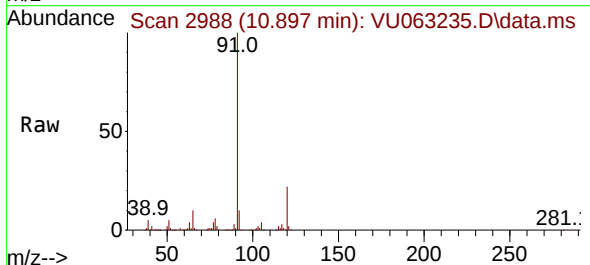
Instrument :
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ClientSampleId :
PT-ADD-WS



Tgt Ion:152 Resp: 15295
Ion Ratio Lower Upper
152 100
115 63.2 0.0 275.2
150 156.9 0.0 658.4



#73
n-propylbenzene
Concen: 11.766 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063235.D
Acq: 11 Feb 2025 14:20



Tgt Ion:120 Resp: 208134
Ion Ratio Lower Upper
120 100
91 466.7 369.8 554.6

