

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063525.D
 Acq On : 17 Jul 2025 15:17
 Operator : MD/SY
 Sample : Q2552-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-ADD-WS

Quant Time: Jul 18 04:13:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

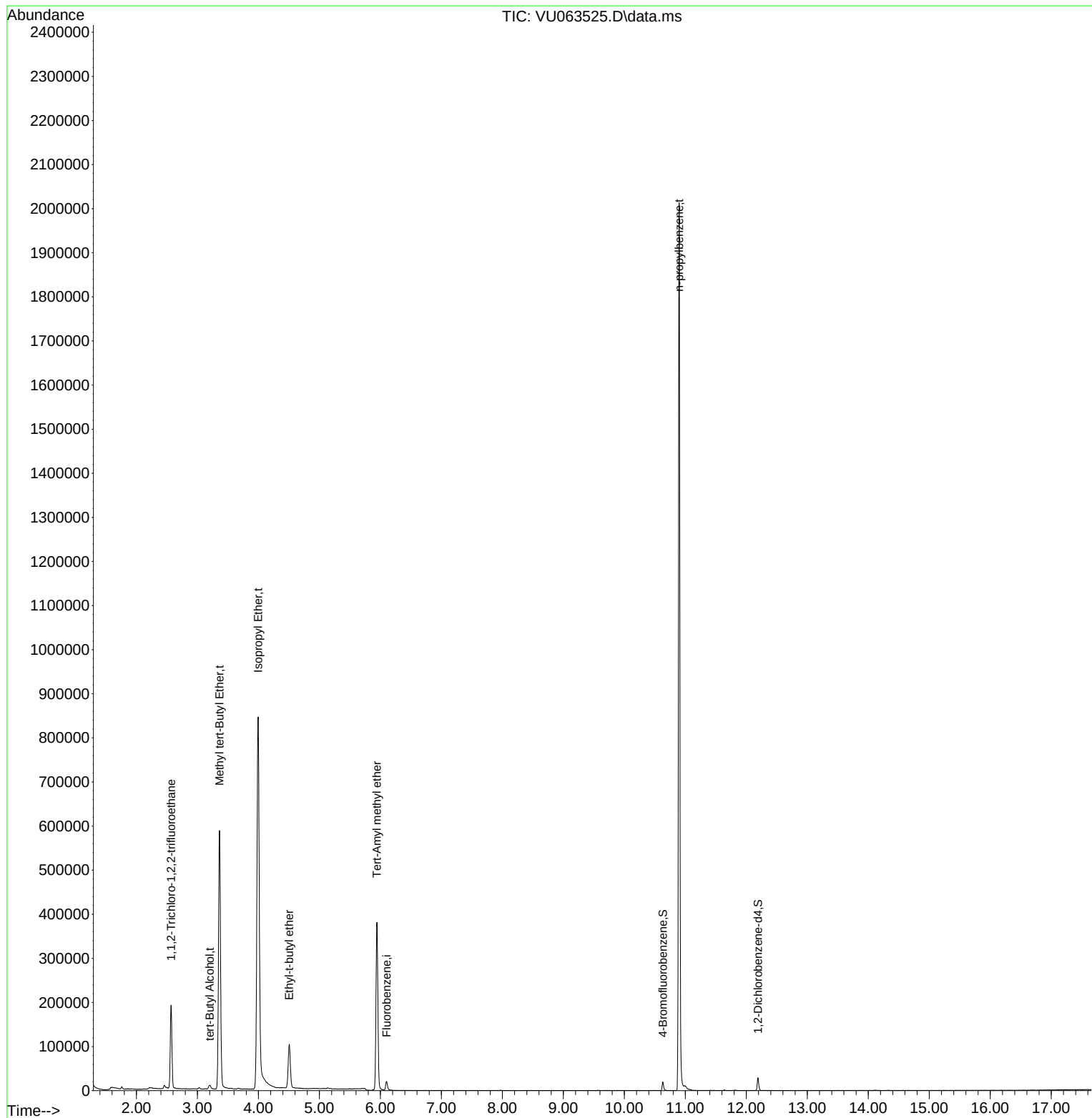
Internal Standards						
1) Fluorobenzene	6.100	96	21996	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7782	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	7717	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	73591	12.773	ug/l	98
24) tert-Butyl Alcohol	3.203	59	12029	22.900	ug/l #	72
25) Methyl tert-Butyl Ether	3.361	73	652085	43.740	ug/l	98
31) Isopropyl Ether	3.994	45	988692	54.487	ug/l	98
32) Ethyl-t-butyl ether	4.505	59	101842	6.065	ug/l	99
33) Tert-Amyl methyl ether	5.943	73	317714	21.801	ug/l	99
73) n-propylbenzene	10.898	120	350402	46.101	ug/l	93

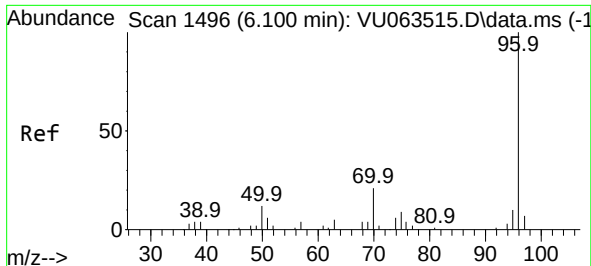
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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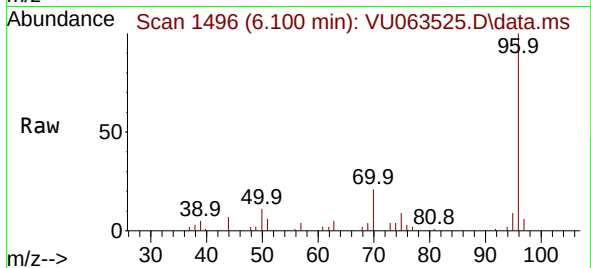
Quant Time: Jul 18 04:13:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
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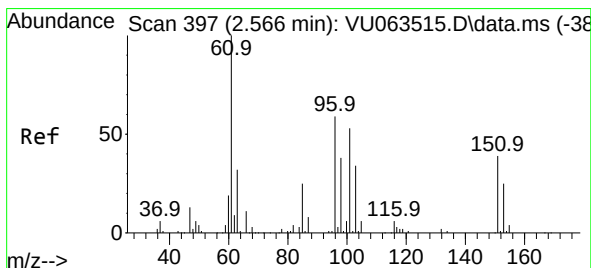
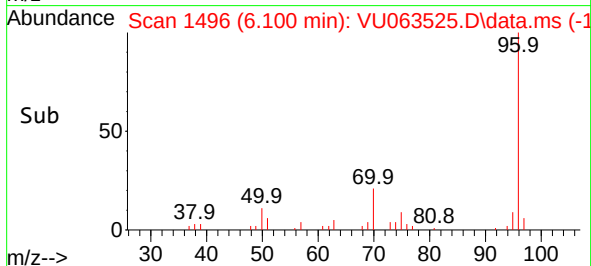
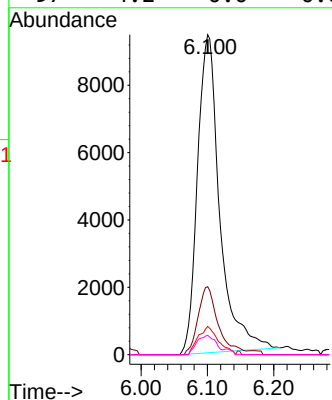


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

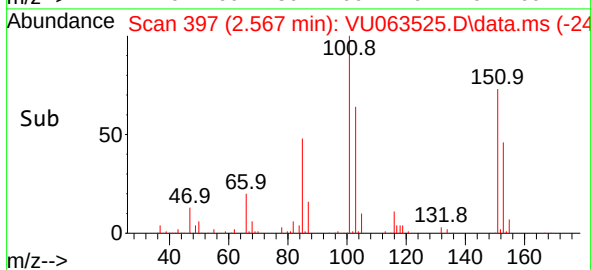
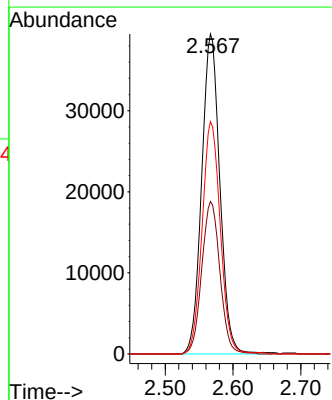
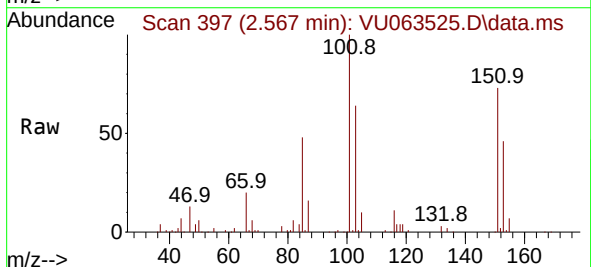


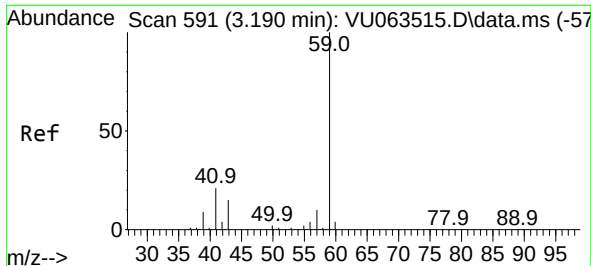
Tgt Ion:	96	Resp:	21996
Ion	Ratio	Lower	Upper
96	100		
70	18.0	15.0	22.4
95	8.1	7.4	11.0
97	4.2	0.0	0.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.773 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion:	101	Resp:	73591
Ion	Ratio	Lower	Upper
101	100		
85	47.5	37.8	56.6
151	72.0	59.2	88.8

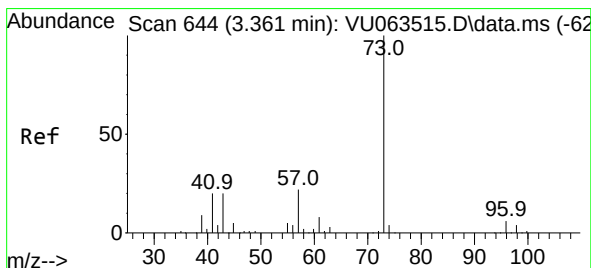
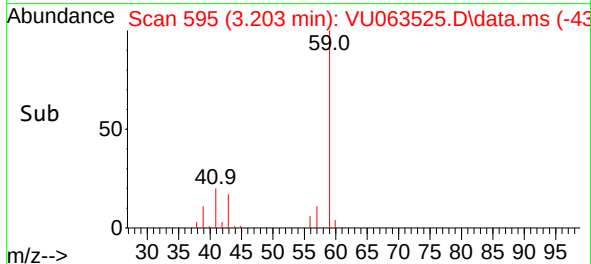
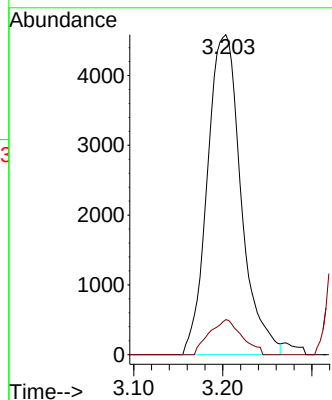
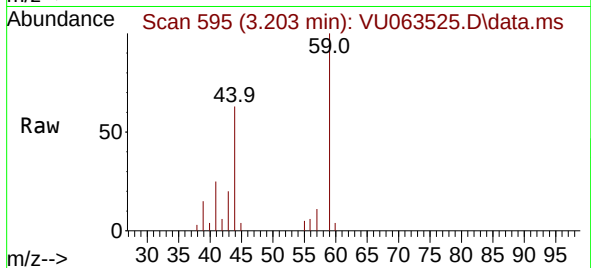




#24
tert-Butyl Alcohol
Concen: 22.900 ug/l
RT: 3.203 min Scan# 591
Delta R.T. 0.013 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

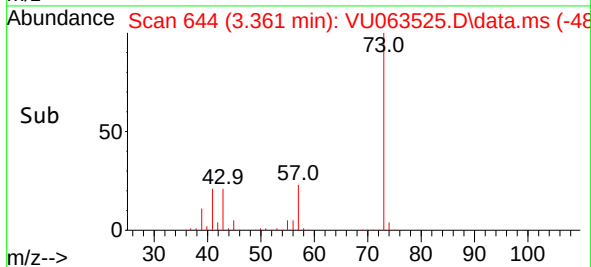
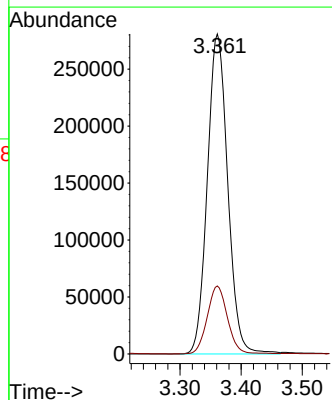
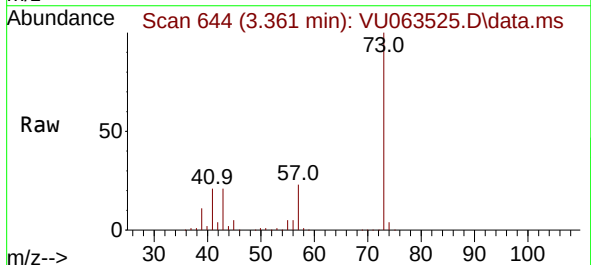
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

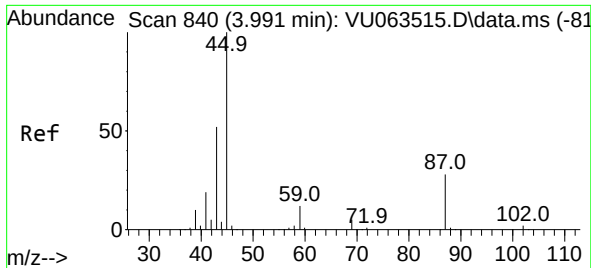
Tgt Ion: 59 Resp: 12029
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#25
Methyl tert-Butyl Ether
Concen: 43.740 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion: 73 Resp: 652085
Ion Ratio Lower Upper
73 100
43 21.1 16.2 24.2

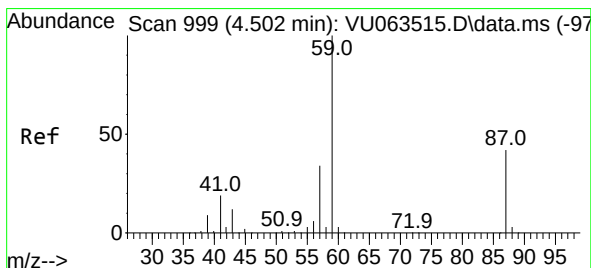
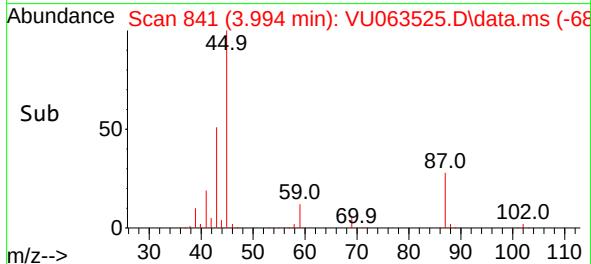
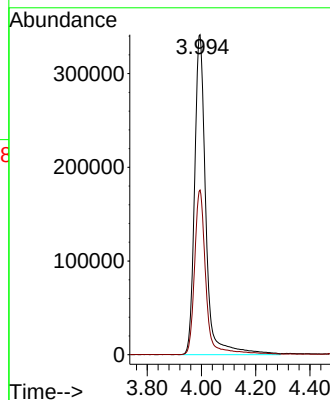
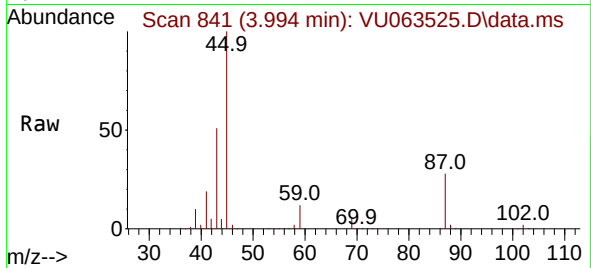




#31
Isopropyl Ether
Concen: 54.487 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

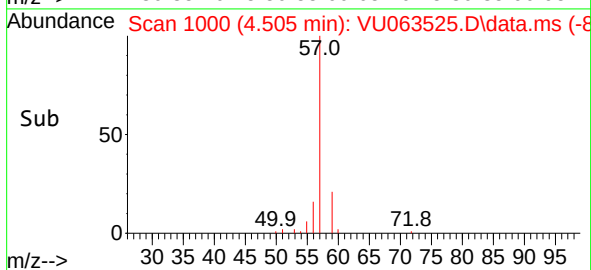
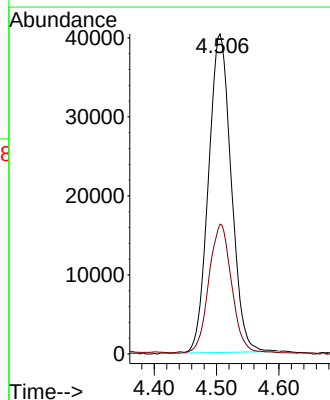
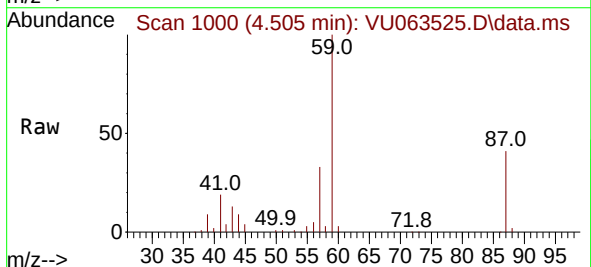
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

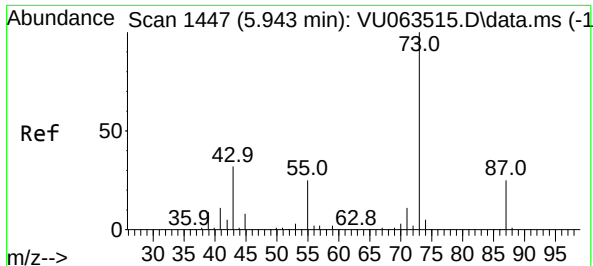
Tgt Ion: 45 Resp: 988692
Ion Ratio Lower Upper
45 100
43 50.1 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 6.065 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion: 59 Resp: 101842
Ion Ratio Lower Upper
59 100
87 40.2 32.6 49.0

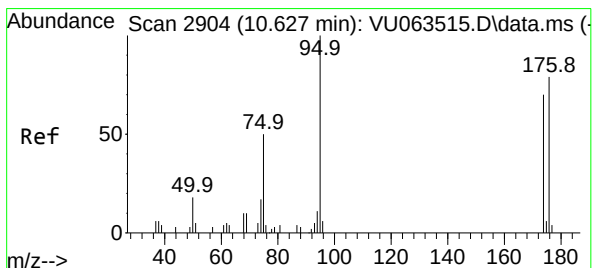
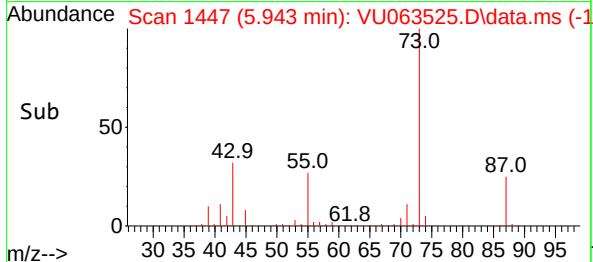
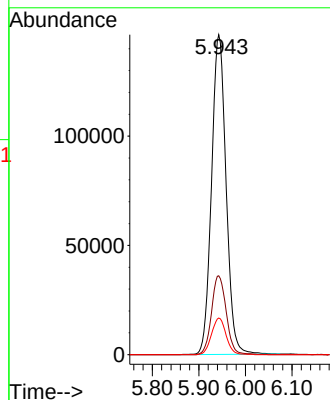
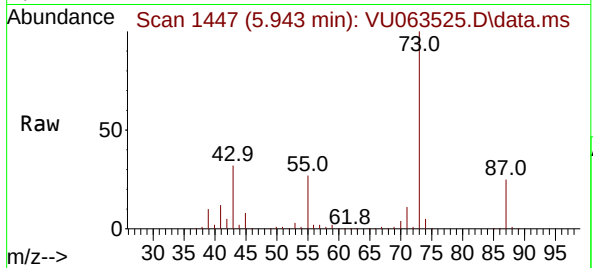




#33
Tert-Amyl methyl ether
Concen: 21.801 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

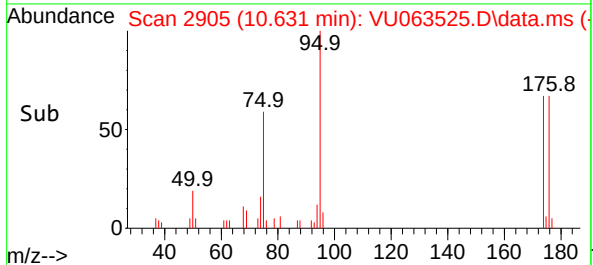
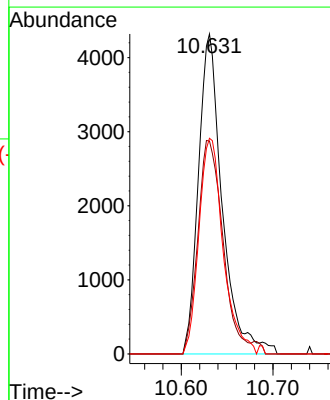
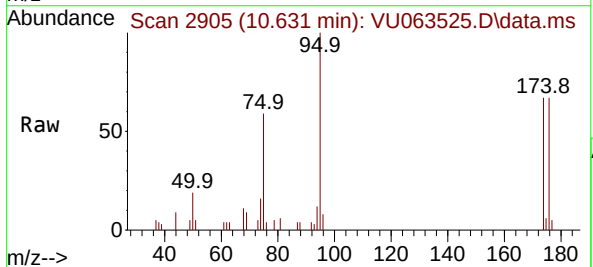
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WS

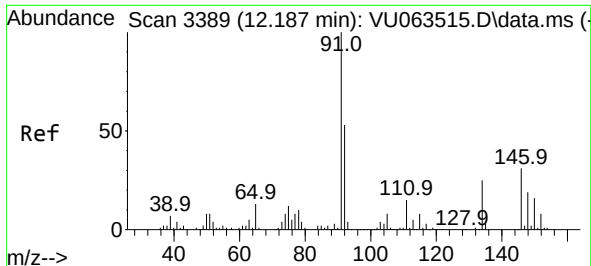
Tgt Ion: 73 Resp: 317714
Ion Ratio Lower Upper
73 100
87 25.0 19.4 29.2
71 11.5 8.9 13.3



#57
4-Bromofluorobenzene
Concen: 0.934 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063525.D
Acq: 17 Jul 2025 15:17

Tgt Ion: 95 Resp: 7782
Ion Ratio Lower Upper
95 100
174 70.0 59.8 89.8
176 68.6 61.8 92.8

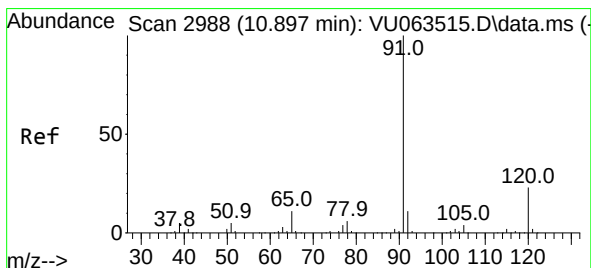
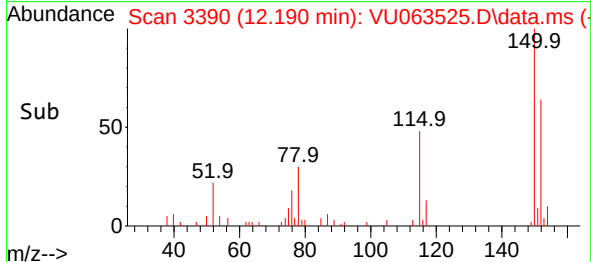
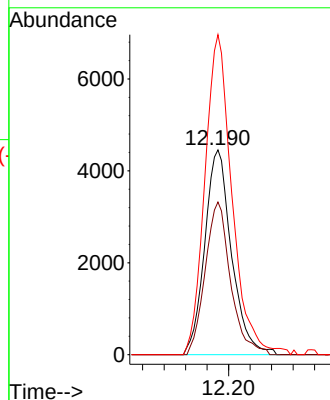
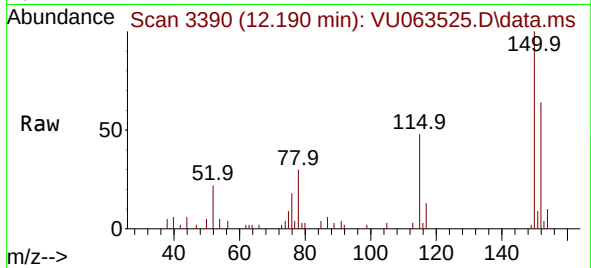




#68
 1,2-Dichlorobenzene-d4
 Concen: 1.002 ug/l
 RT: 12.190 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063525.D
 Acq: 17 Jul 2025 15:17

Instrument :
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Tgt Ion:152 Resp: 7717
 Ion Ratio Lower Upper
 152 100
 115 70.6 0.0 262.2
 150 158.2 0.0 651.2



#73
 n-propylbenzene
 Concen: 46.101 ug/l
 RT: 10.898 min Scan# 2988
 Delta R.T. 0.000 min
 Lab File: VU063525.D
 Acq: 17 Jul 2025 15:17

Tgt Ion:120 Resp: 350402
 Ion Ratio Lower Upper
 120 100
 91 446.5 343.1 514.7

