

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063526.D
 Acq On : 17 Jul 2025 15:48
 Operator : MD/SY
 Sample : Q2552-10DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 18 04:14:05 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)

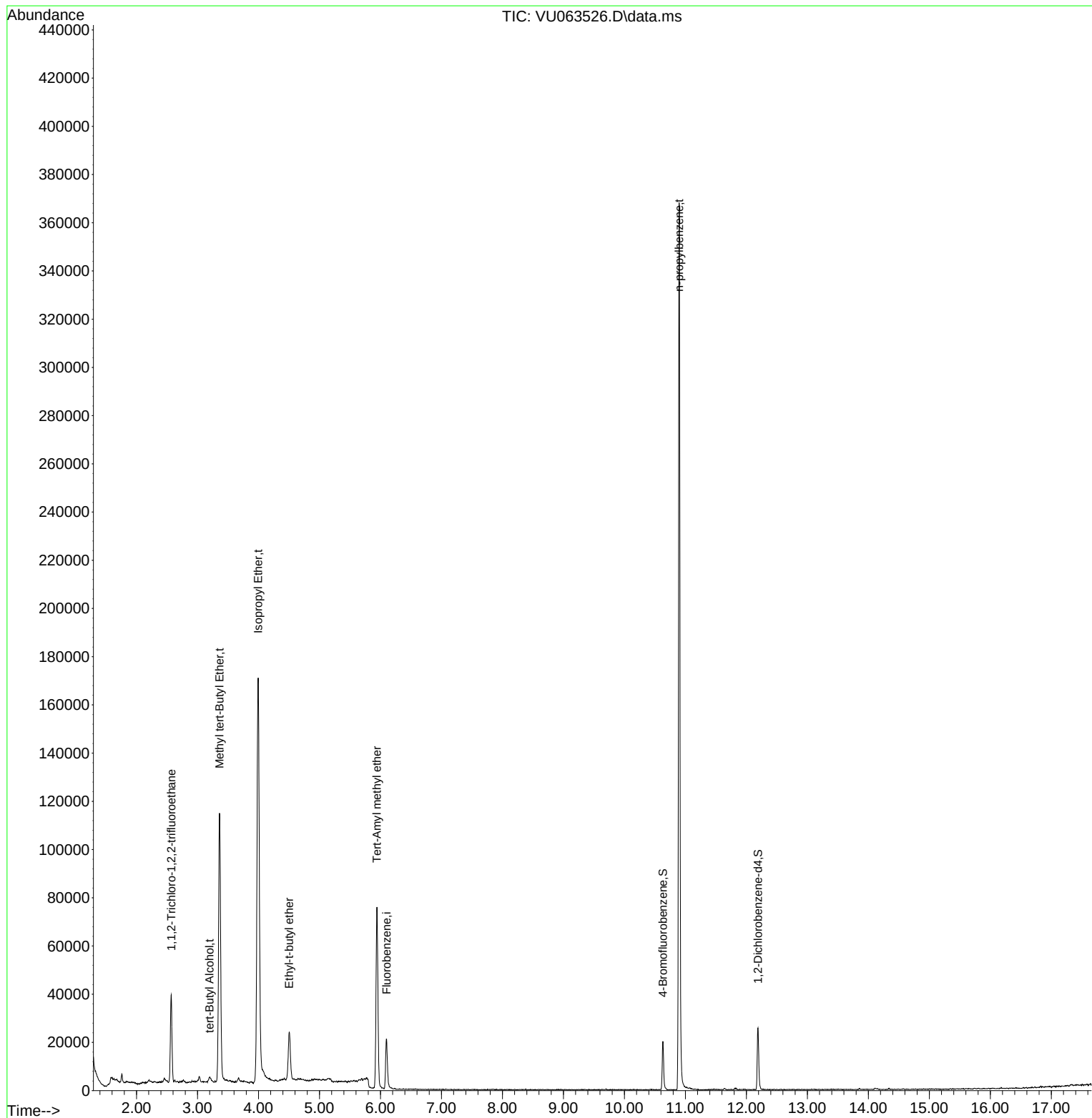
Internal Standards						
1) Fluorobenzene	6.100	96	20264	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	7712	1.005	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	7114	1.003	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	13989	2.636	ug/l	99
24) tert-Butyl Alcohol	3.197	59	2605	5.383	ug/l #	72
25) Methyl tert-Butyl Ether	3.361	73	126773	9.230	ug/l	99
31) Isopropyl Ether	3.994	45	183171	10.957	ug/l	96
32) Ethyl-t-butyl ether	4.502	59	20283	1.311	ug/l	96
33) Tert-Amyl methyl ether	5.942	73	62681	4.669	ug/l	100
73) n-propylbenzene	10.897	120	66619	9.514	ug/l	94

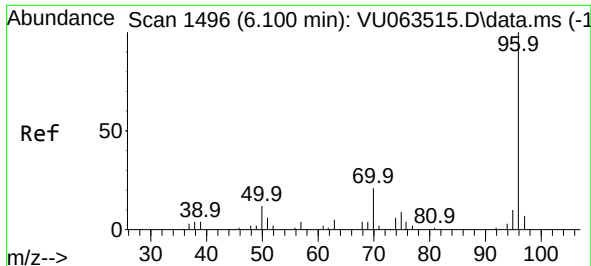
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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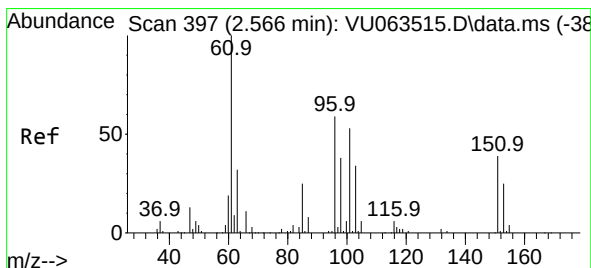
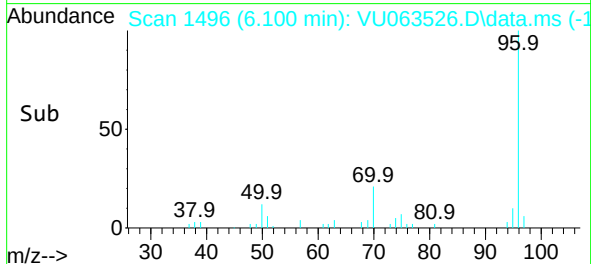
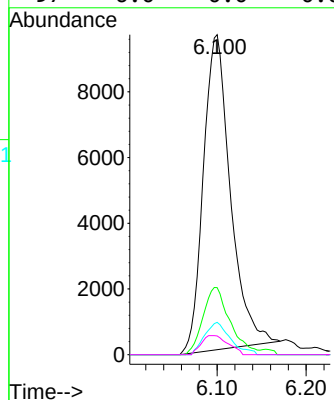
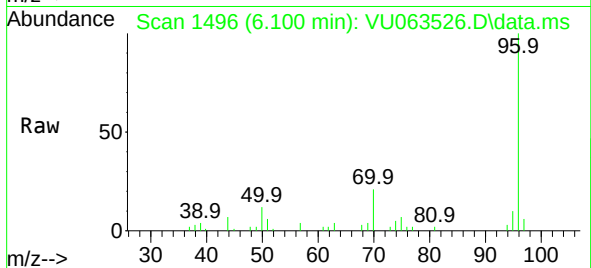




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

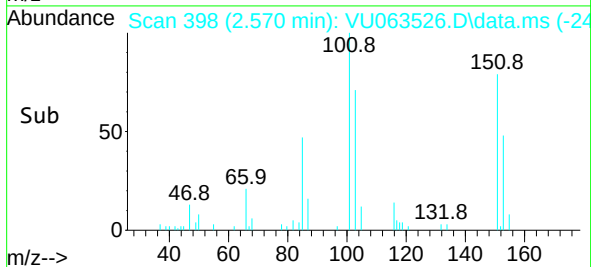
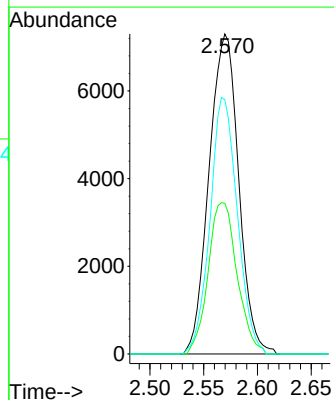
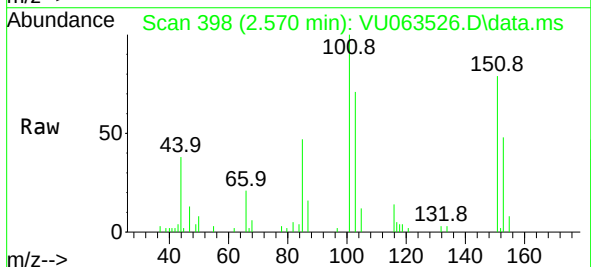
Instrument :
MSVOA_U
ClientSampleId :
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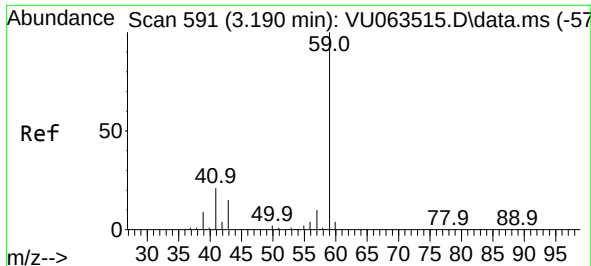
Tgt Ion:	96	Resp:	20264
Ion	Ratio	Lower	Upper
96	100		
70	19.7	15.0	22.4
95	9.8	7.4	11.0
97	6.0	0.0	0.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.636 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

Tgt Ion:	101	Resp:	13989
Ion	Ratio	Lower	Upper
101	100		
85	46.2	37.8	56.6
151	74.1	59.2	88.8

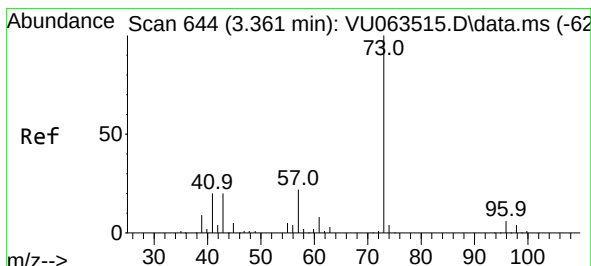
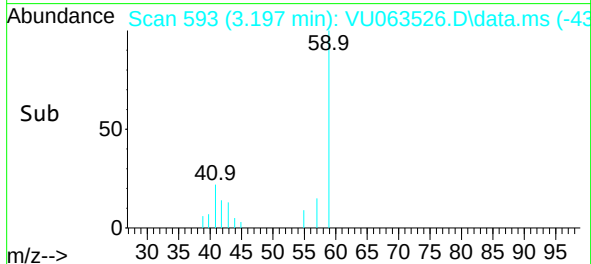
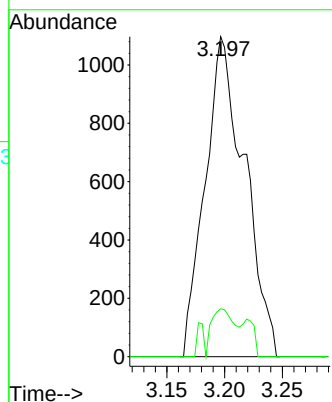
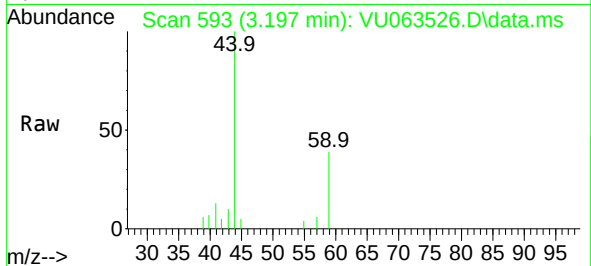




#24
tert-Butyl Alcohol
Concen: 5.383 ug/l
RT: 3.197 min Scan# 591
Delta R.T. 0.006 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

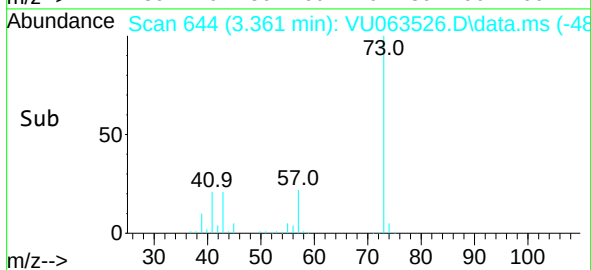
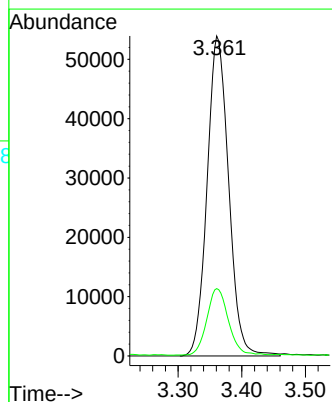
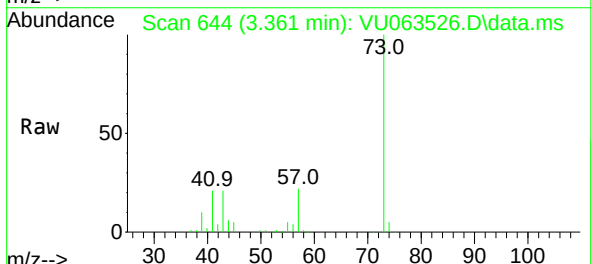
Instrument :
MSVOA_U
ClientSampleId :
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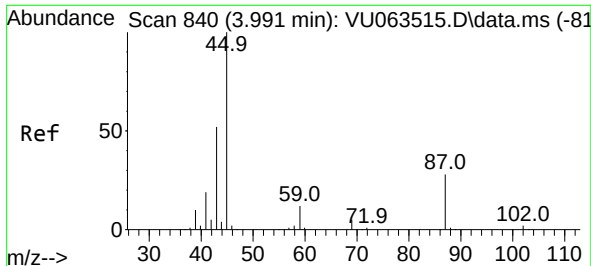
Tgt Ion: 59 Resp: 2605
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#25
Methyl tert-Butyl Ether
Concen: 9.230 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

Tgt Ion: 73 Resp: 126773
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2

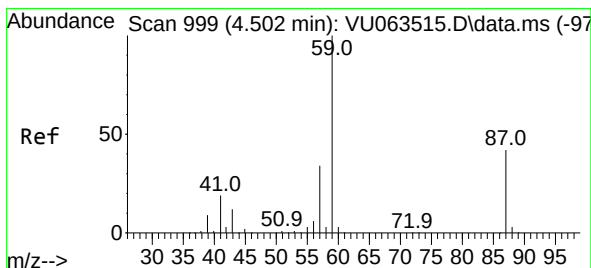
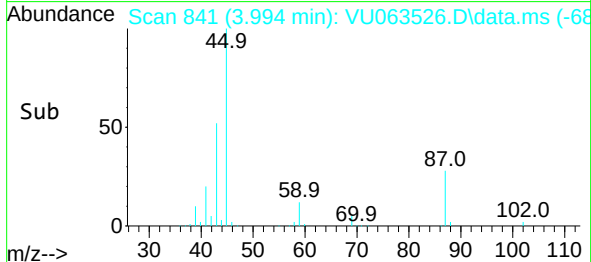
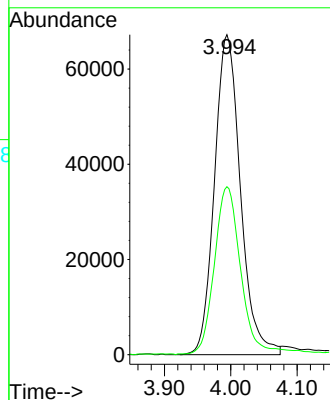
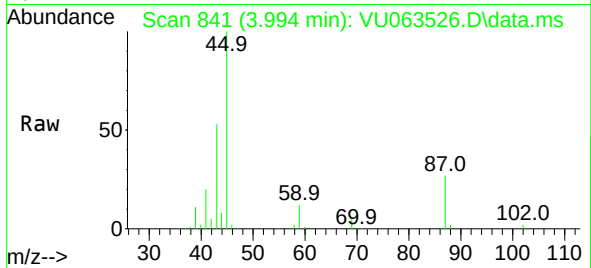




#31
Isopropyl Ether
Concen: 10.957 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

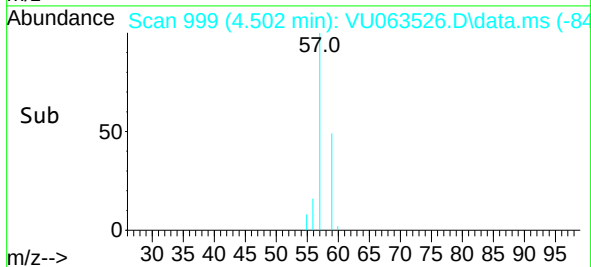
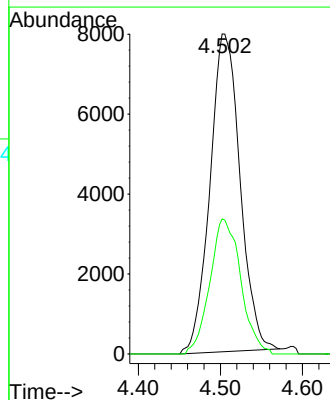
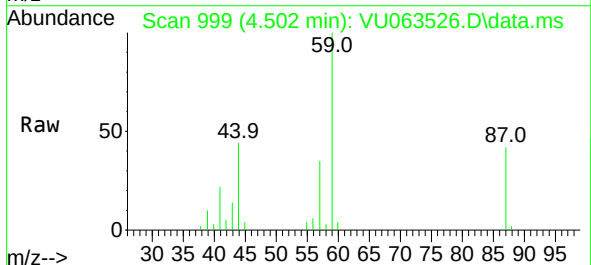
Instrument :
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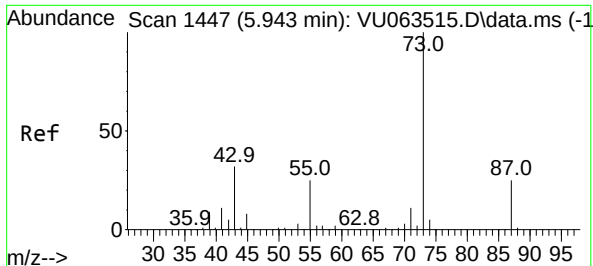
Tgt Ion: 45 Resp: 183171
Ion Ratio Lower Upper
45 100
43 54.3 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 1.311 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

Tgt Ion: 59 Resp: 20283
Ion Ratio Lower Upper
59 100
87 43.5 32.6 49.0

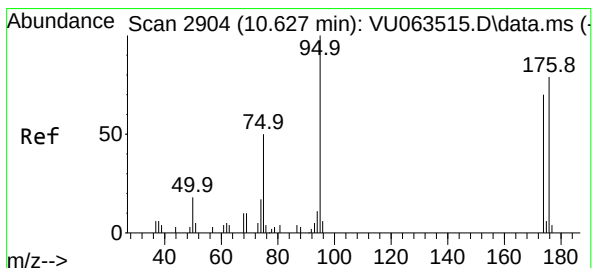
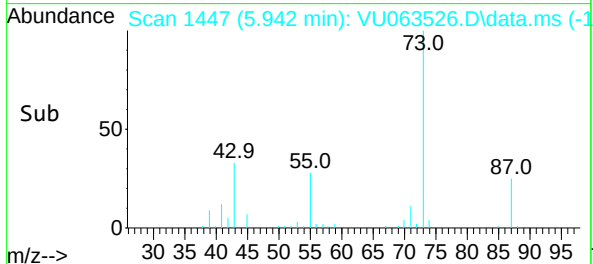
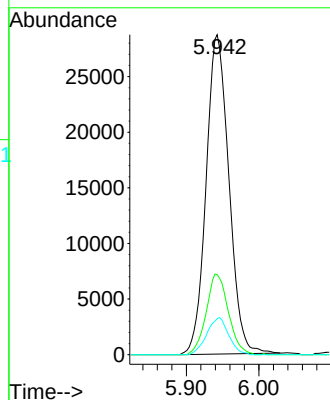
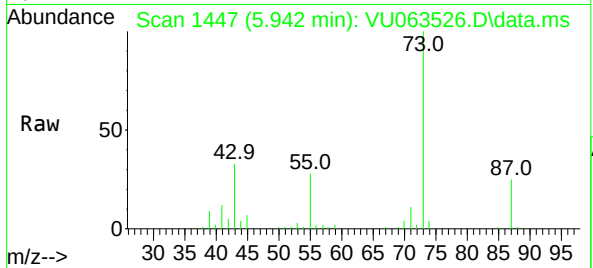




#33
Tert-Amyl methyl ether
Concen: 4.669 ug/l
RT: 5.942 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

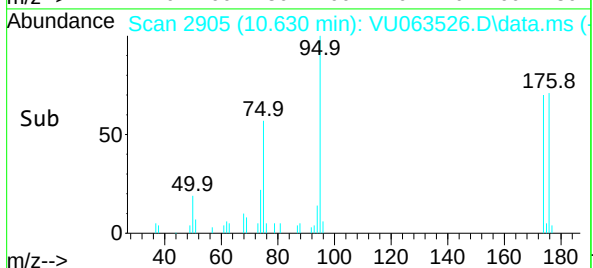
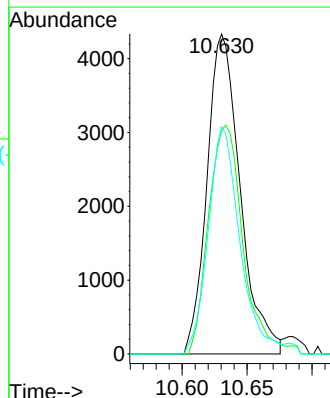
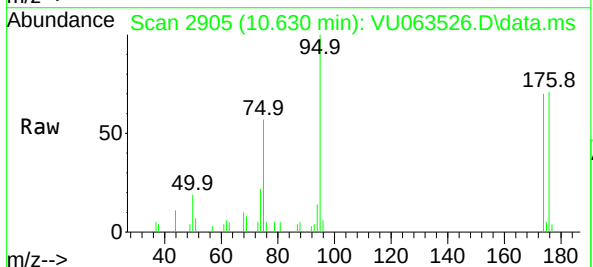
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WSDL

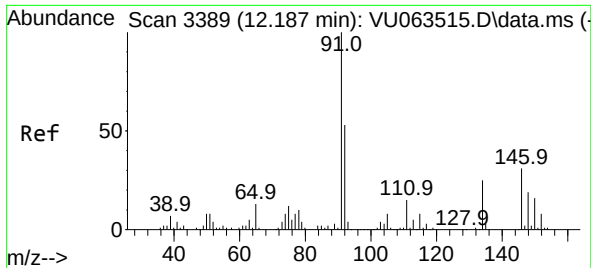
Tgt Ion: 73	Resp: 62681
Ion Ratio	Lower Upper
73 100	
87 24.5	19.4 29.2
71 11.1	8.9 13.3



#57
4-Bromofluorobenzene
Concen: 1.005 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

Tgt Ion: 95	Resp: 7712
Ion Ratio	Lower Upper
95 100	
174 74.3	59.8 89.8
176 67.7	61.8 92.8

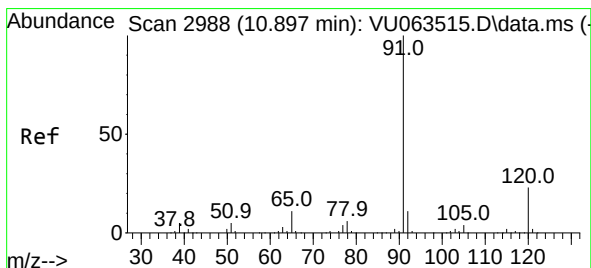
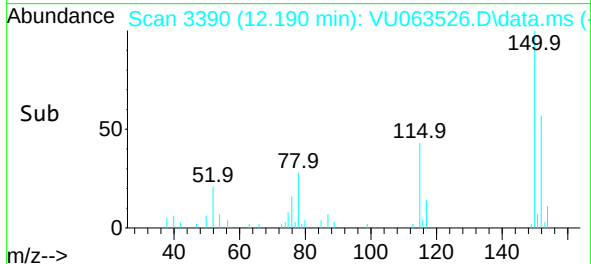
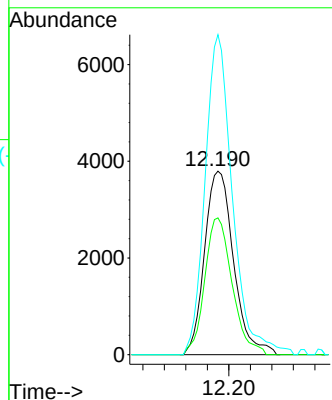
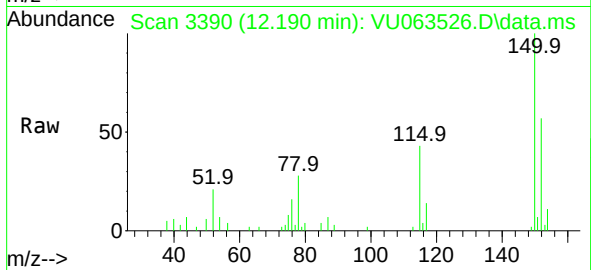




#68
1,2-Dichlorobenzene-d4
Concen: 1.003 ug/l
RT: 12.190 min Scan# 3114
Delta R.T. 0.003 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

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Tgt Ion:152 Resp: 7114
Ion Ratio Lower Upper
152 100
115 70.3 0.0 262.2
150 164.5 0.0 651.2



#73
n-propylbenzene
Concen: 9.514 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

Tgt Ion:120 Resp: 66619
Ion Ratio Lower Upper
120 100
91 444.4 343.1 514.7

