

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 5X
 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)

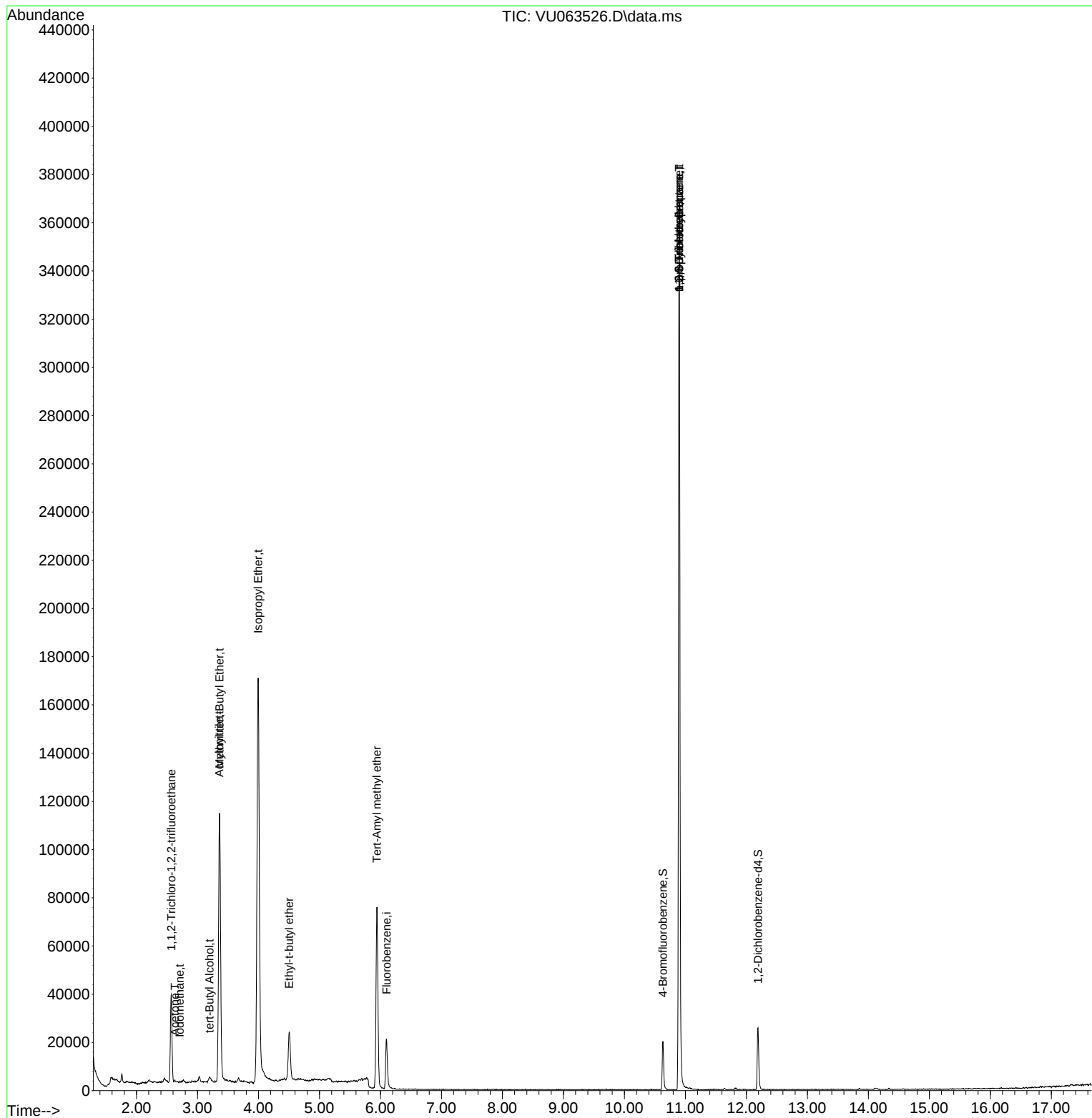
Internal Standards						
1) Fluorobenzene	6.100	96	20264	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	7712	1.005	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	7114	1.003	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	13989	2.636	ug/l	99
10) Iodomethane	2.708	142	67	0.924	ug/l #	29
12) Acrylonitrile	3.357	53	1407	1.069	ug/l #	46
13) Acetone	2.631	43	590	0.560	ug/l #	43
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
46) t-1,4-Dichloro-2-butene	10.897	75	1947	1.739	ug/l #	1
71) 1,2,3-Trichloropropane	10.897	75	1947	0.506	ug/l #	45
73) n-propylbenzene	10.897	120	66619	9.514	ug/l	94
75) 1,3,5-Trimethylbenzene	10.897	105	10550	0.475	ug/l #	1

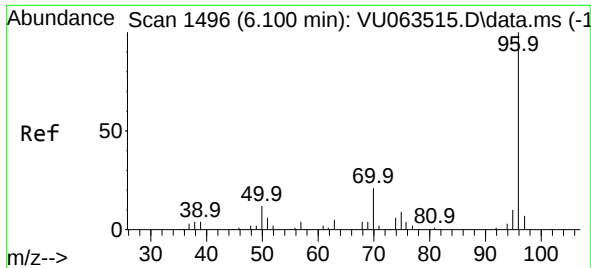
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 5X
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

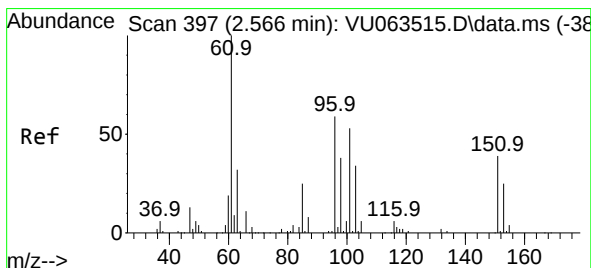
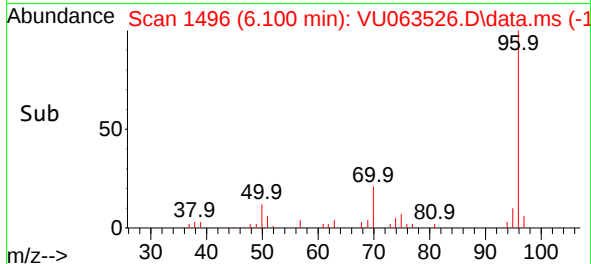
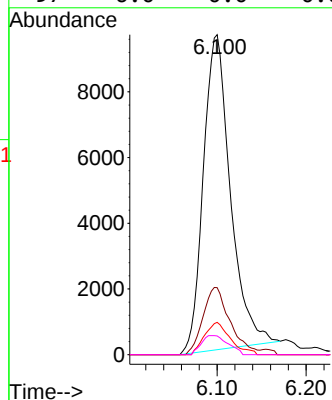
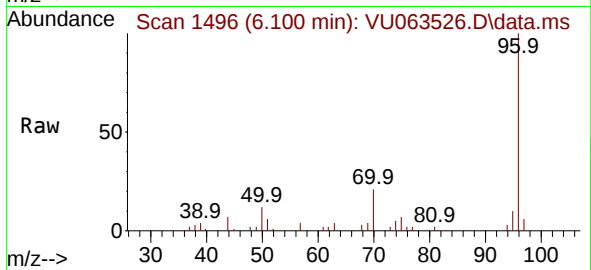




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

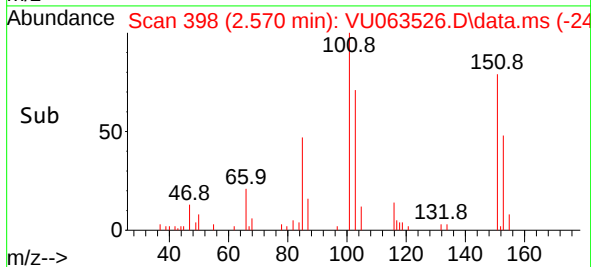
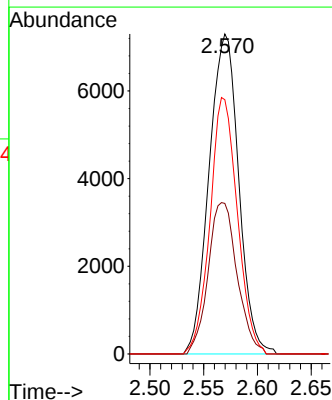
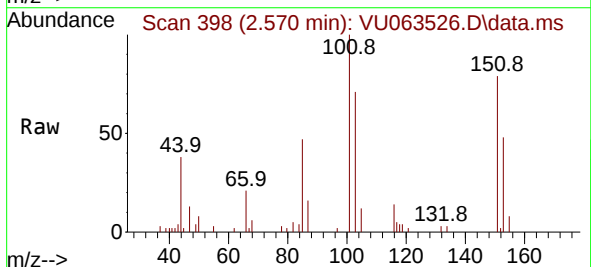
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WSDL

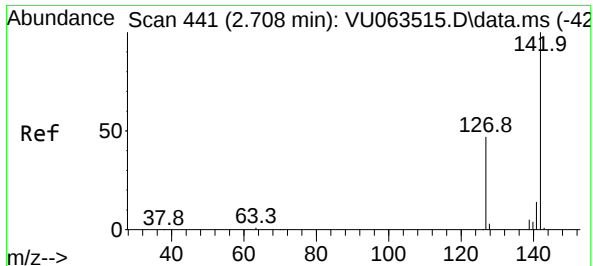
Tgt Ion:	96	Resp:	20264
Ion	Ratio	Lower	Upper
96	100		
70	19.7	15.0	22.4
95	9.8	7.4	11.0
97	6.0	0.0	0.0



#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

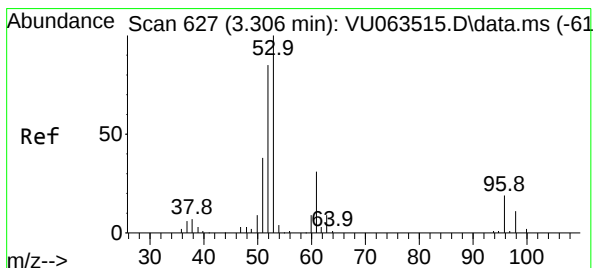
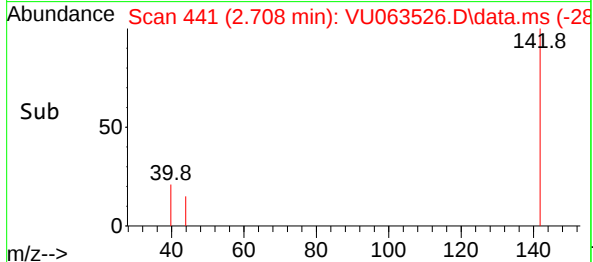
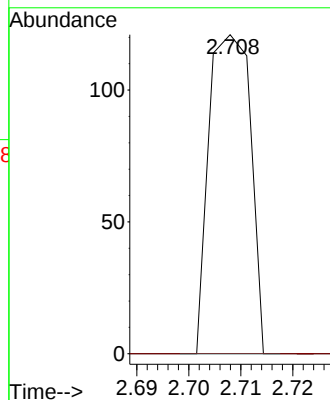
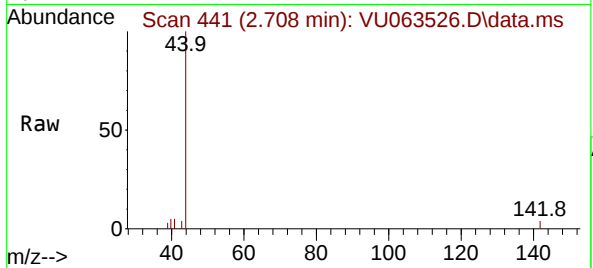




#10
Iodomethane
Concen: 0.924 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

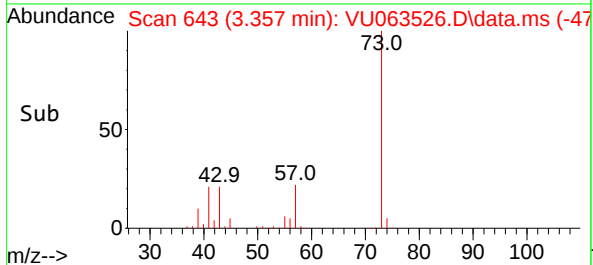
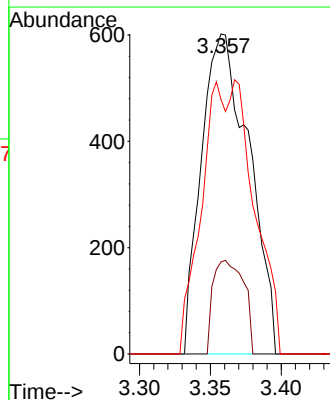
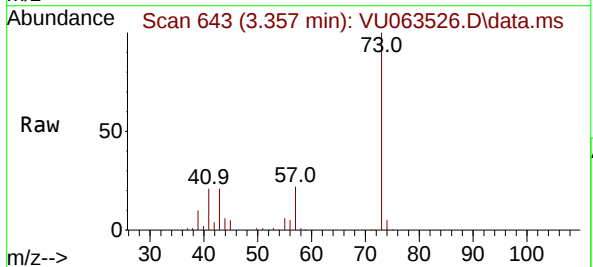
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WSDL

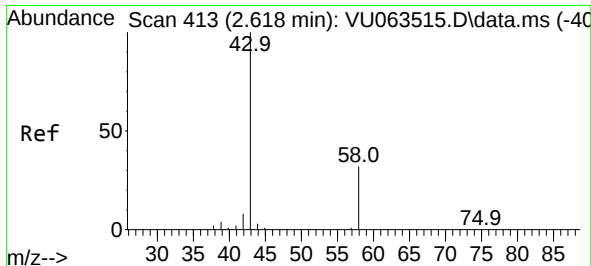
Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#



#12
Acrylonitrile
Concen: 1.069 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.051 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

Tgt Ion: 53 Resp: 1407
Ion Ratio Lower Upper
53 100
52 18.8 64.3 96.5#
51 44.6 27.8 41.8#





#13

Acetone

Concen: 0.560 ug/l

RT: 2.631 min Scan# 413

Delta R.T. 0.013 min

Lab File: VU063526.D

Acq: 17 Jul 2025 15:48

Instrument :

MSVOA_U

ClientSampleId :

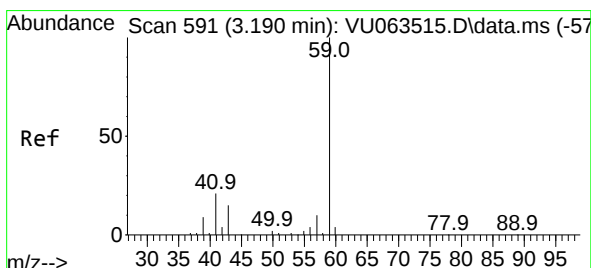
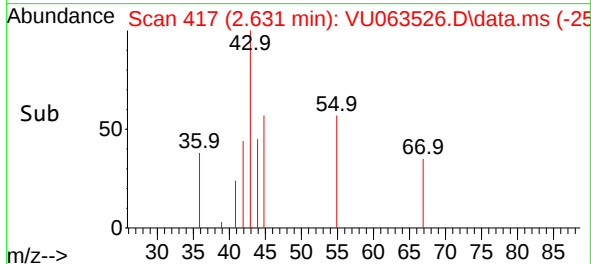
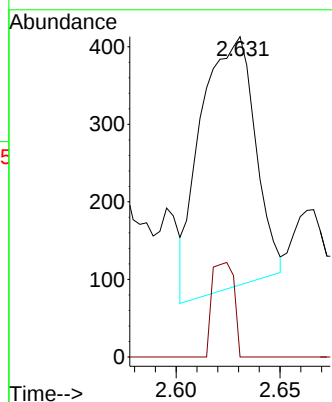
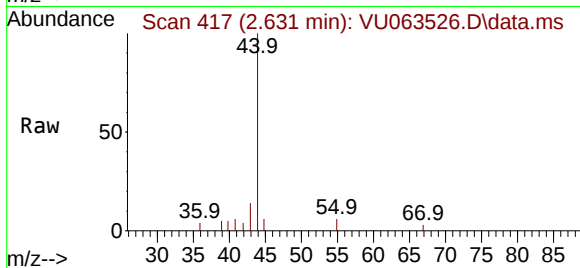
WS0725-PT-ADD-WSDL

Tgt Ion: 43 Resp: 590

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



#24

tert-Butyl Alcohol

Concen: 5.383 ug/l

RT: 3.197 min Scan# 593

Delta R.T. 0.006 min

Lab File: VU063526.D

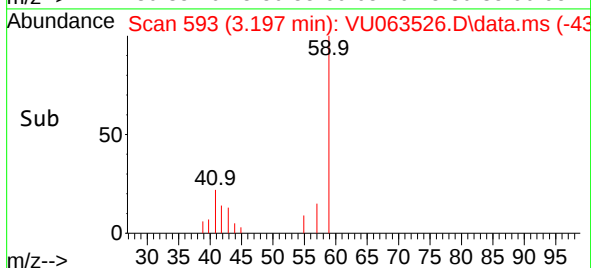
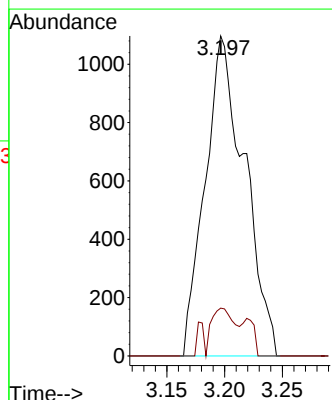
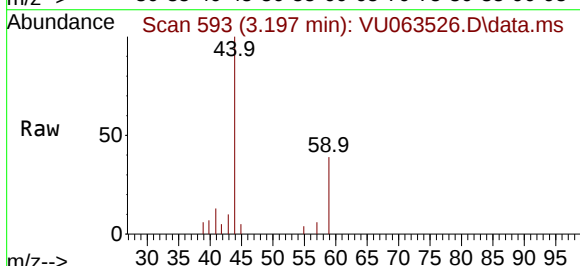
Acq: 17 Jul 2025 15:48

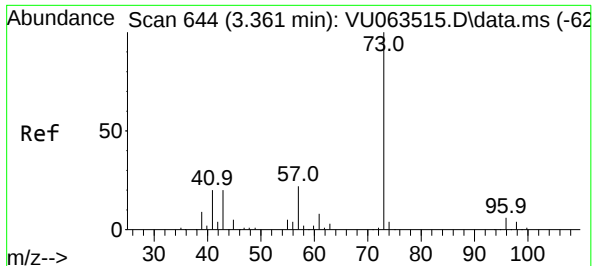
Tgt Ion: 59 Resp: 2605

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#

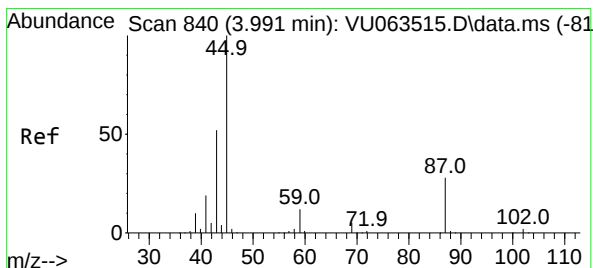
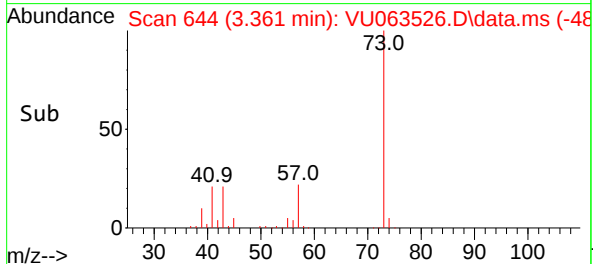
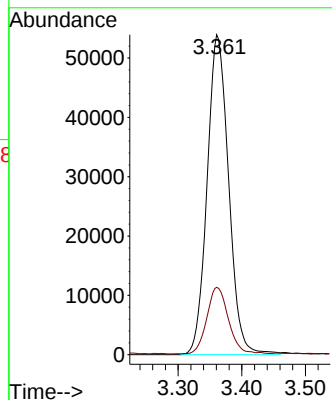
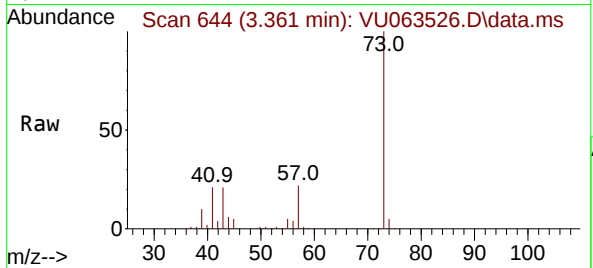




#25
Methyl tert-Butyl Ether
Concen: 9.230 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

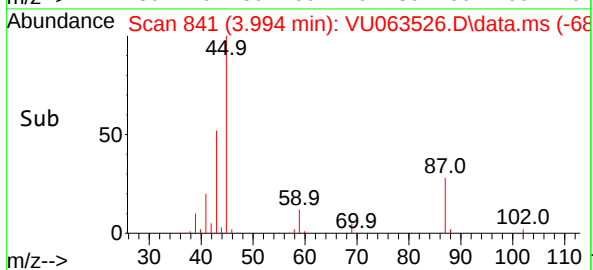
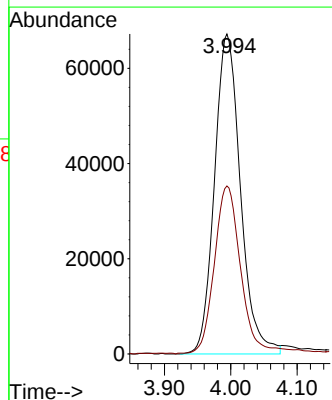
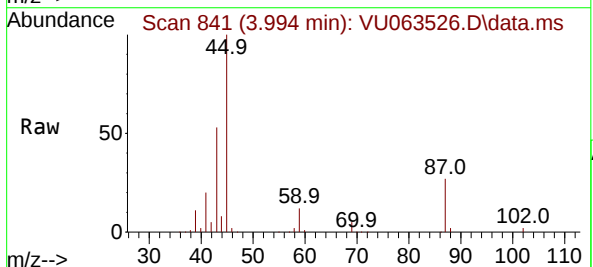
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WSDL

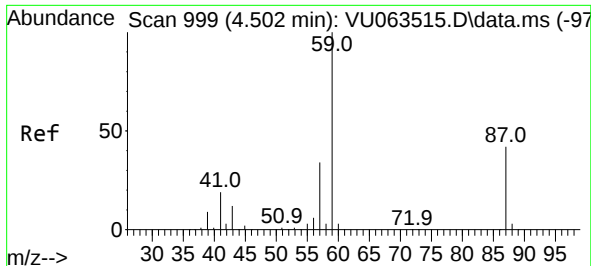
Tgt Ion: 73 Resp: 126773
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2



#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

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

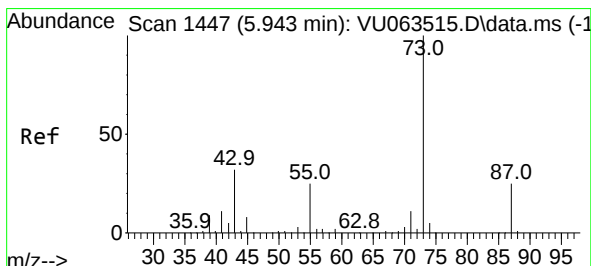
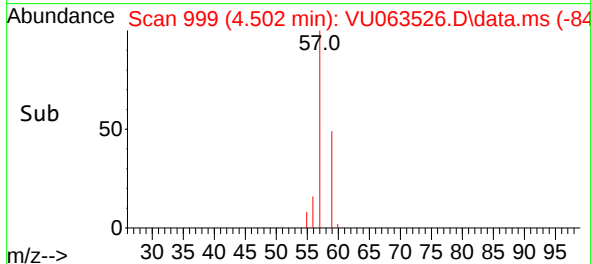
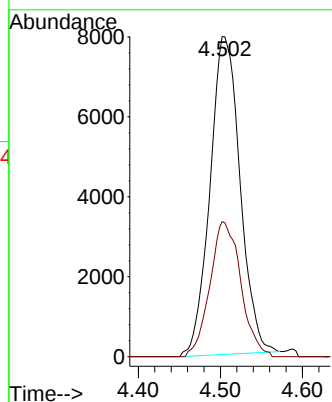
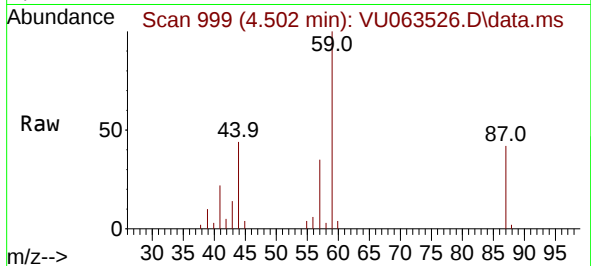




#32
Ethyl-t-butyl ether
Concen: 1.311 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

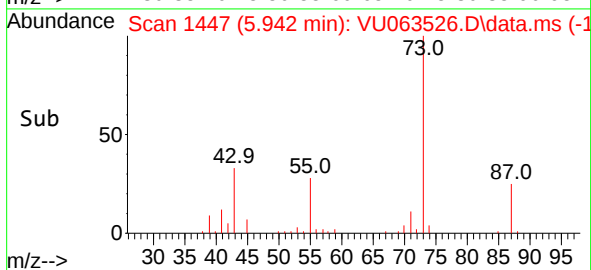
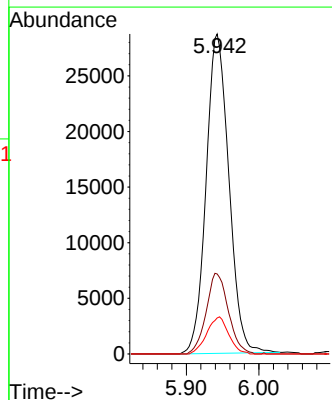
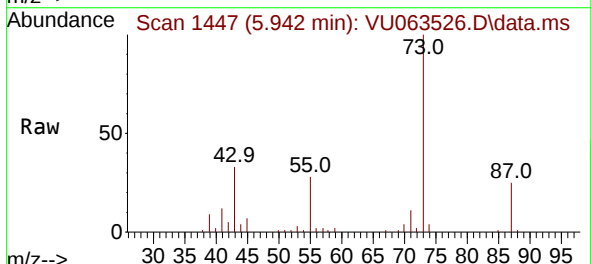
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WSDL

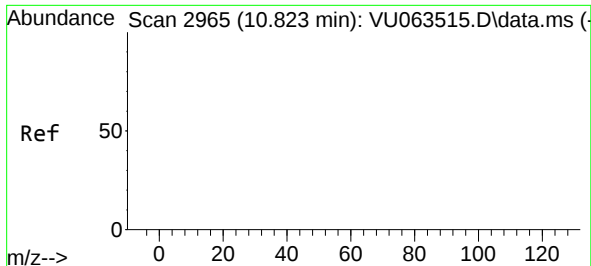
Tgt Ion: 59 Resp: 20283
Ion Ratio Lower Upper
59 100
87 43.5 32.6 49.0



#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

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

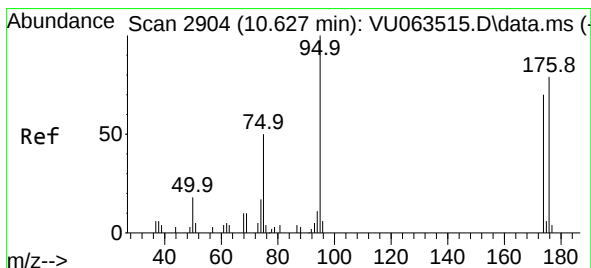
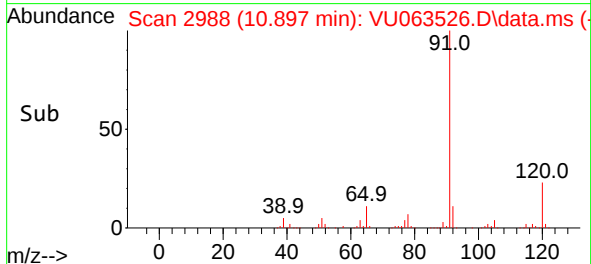
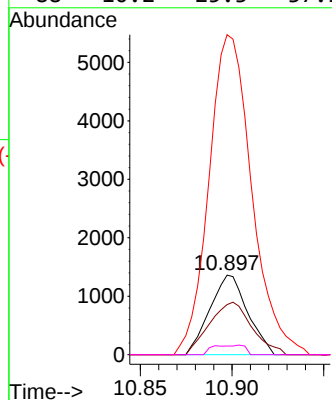
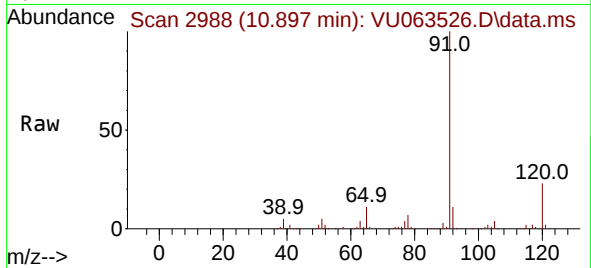




#46
t-1,4-Dichloro-2-butene
Concen: 1.739 ug/l
RT: 10.897 min Scan# 2965
Delta R.T. 0.074 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

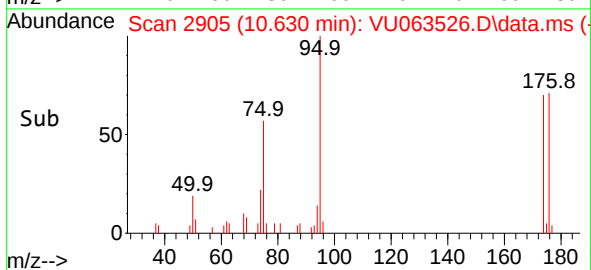
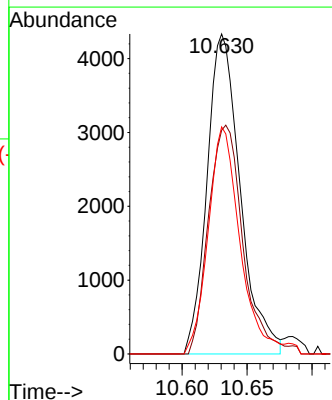
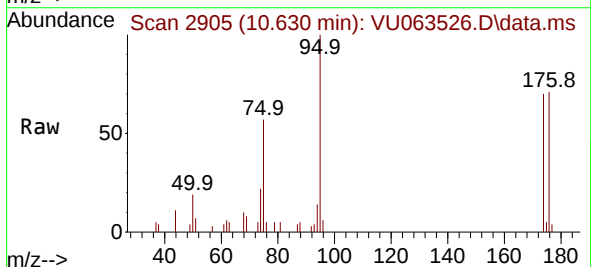
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-ADD-WSDL

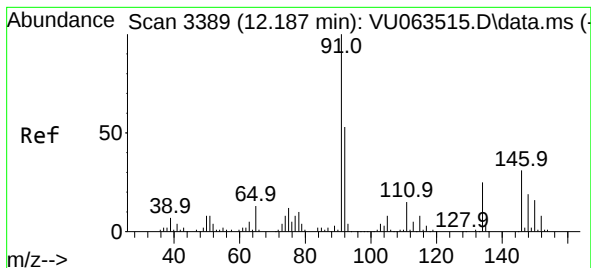
Tgt Ion:	75	Resp:	1947
Ion	Ratio	Lower	Upper
75	100		
53	74.3	48.4	72.6#
89	456.8	30.6	45.8#
88	10.2	25.3	37.9#



#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

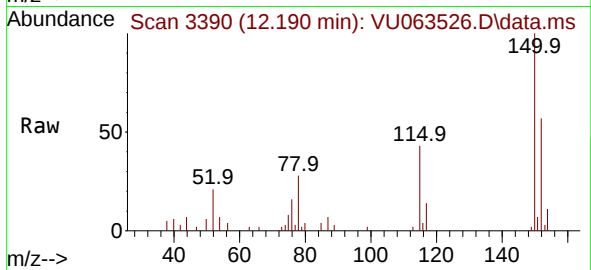
Acq: 17 Jul 2025 15:48

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-ADD-WSDL



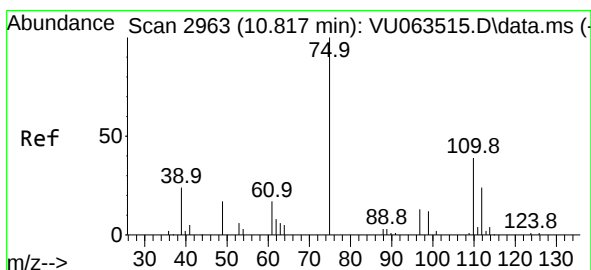
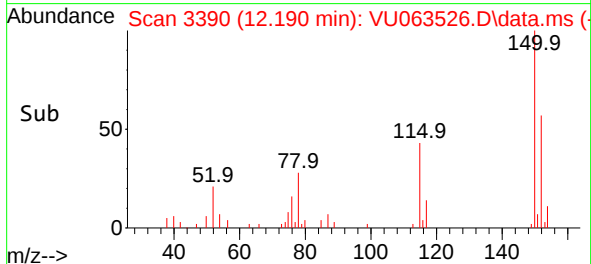
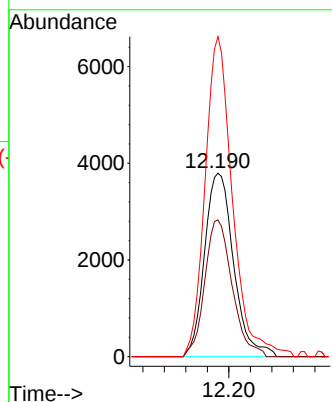
Tgt Ion:152 Resp: 7114

Ion Ratio Lower Upper

152 100

115 70.3 0.0 262.2

150 164.5 0.0 651.2



#71

1,2,3-Trichloropropane

Concen: 0.506 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. 0.080 min

Lab File: VU063526.D

Acq: 17 Jul 2025 15:48

Tgt Ion: 75 Resp: 1947

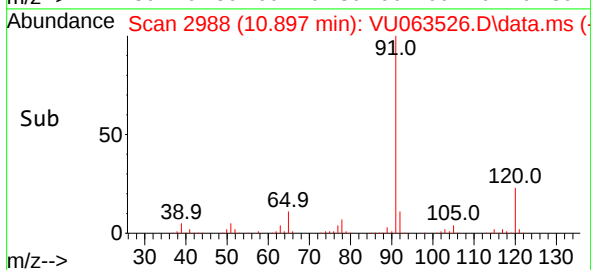
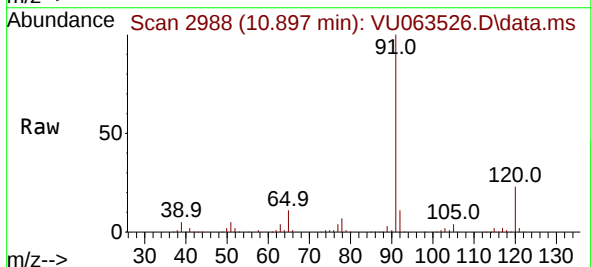
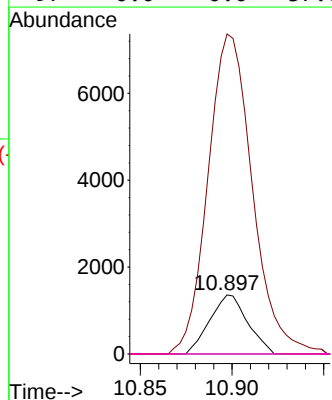
Ion Ratio Lower Upper

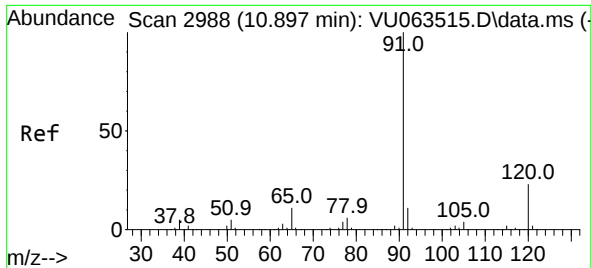
75 100

77 637.9 0.0 0.0#

110 0.0 0.0 73.2

97 0.0 0.0 37.6

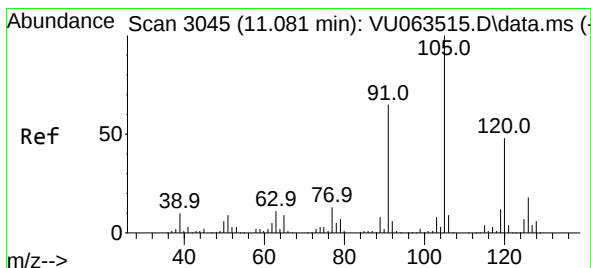
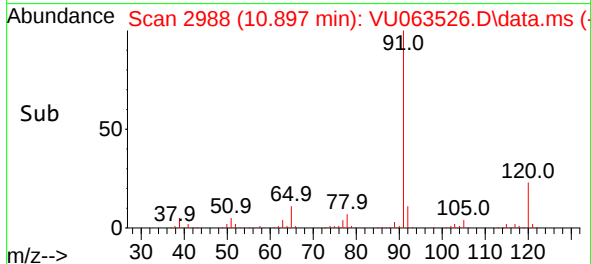
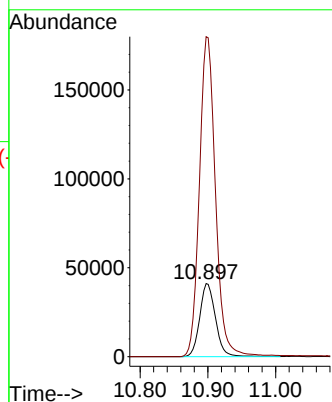
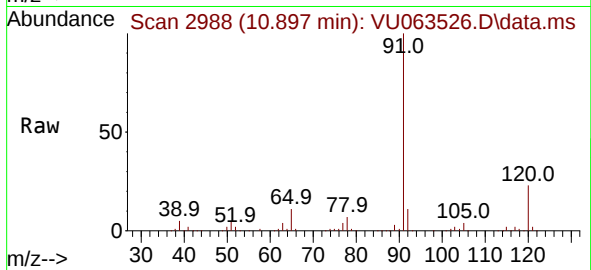




#73
n-propylbenzene
Concen: 9.514 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

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

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



#75
1,3,5-Trimethylbenzene
Concen: 0.475 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.183 min
Lab File: VU063526.D
Acq: 17 Jul 2025 15:48

Tgt Ion:105 Resp: 10550
Ion Ratio Lower Upper
105 100
120 631.5 37.8 56.8#

