

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036542.D
 Acq On : 23 Jan 2020 16:35
 Operator : JC/MD
 Sample : L1134-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Quant Time: Jan 24 02:52:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

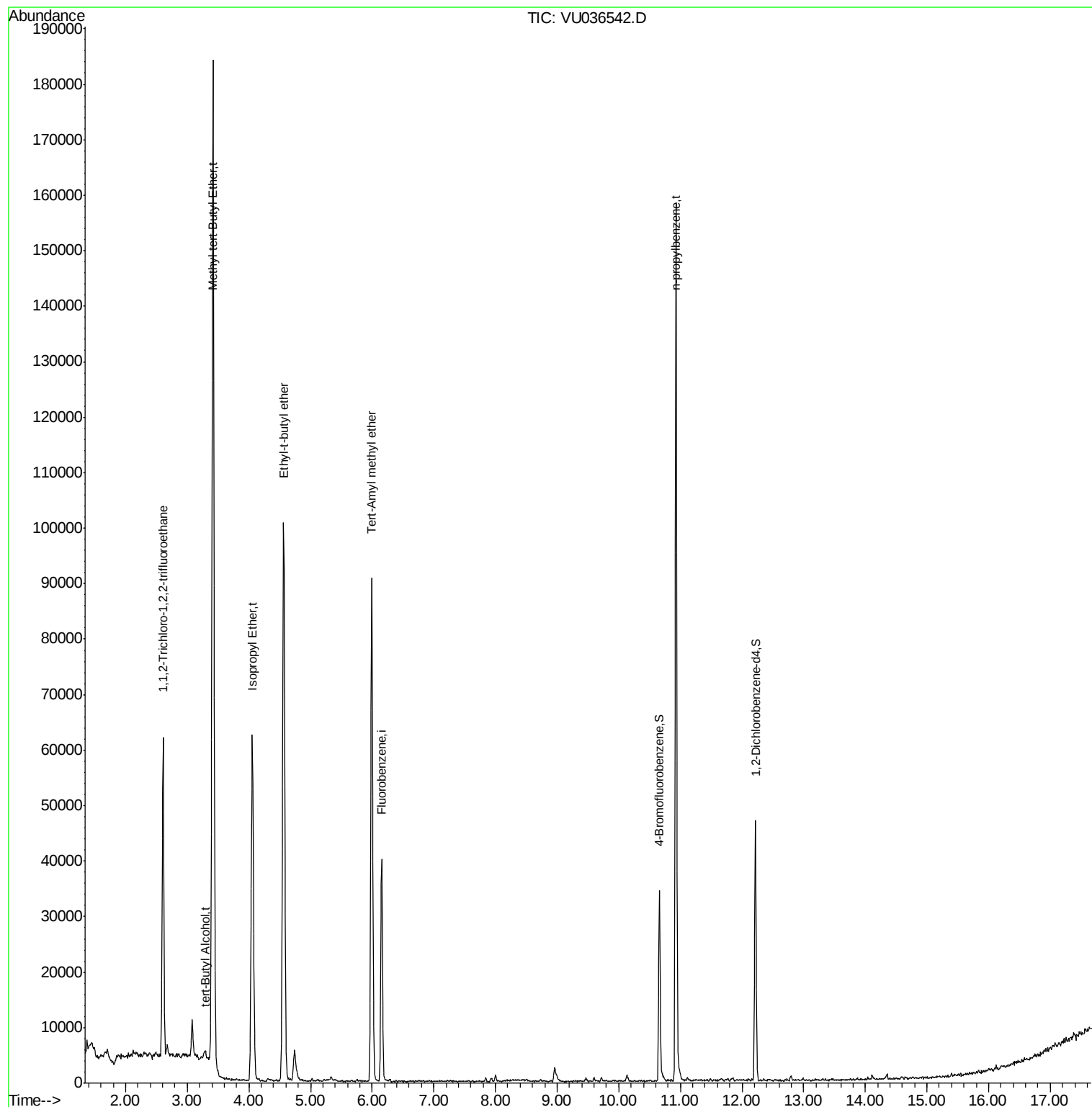
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	39028	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13377	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	14132	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	23628	2.451	ug/l	99
24) tert-Butyl Alcohol	3.29	59	2387	3.369	ug/l #	72
25) Methyl tert-Butyl Ether	3.42	73	219194	8.150	ug/l	98
31) Isopropyl Ether	4.06	45	67454	2.409	ug/l	100
32) Ethyl-t-butyl ether	4.56	59	106006	3.618	ug/l	99
33) Tert-Amyl methyl ether	5.99	73	78877	2.940	ug/l	100
73) n-propylbenzene	10.93	120	30769	2.113	ug/l	94
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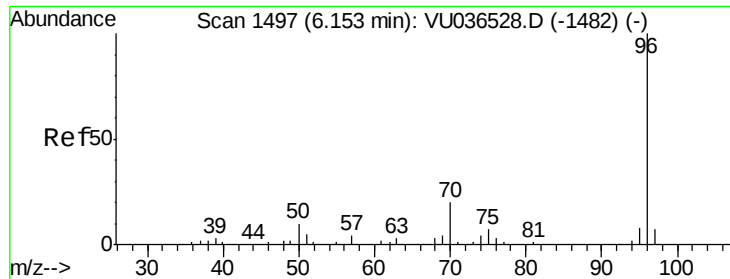
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU036542.D

Acq: 23 Jan 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WSDL

Tot Ion: 96 Resp: 39028

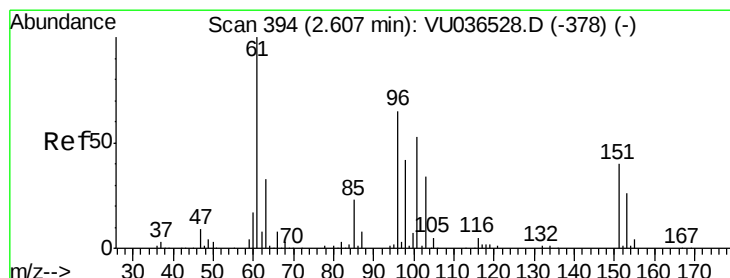
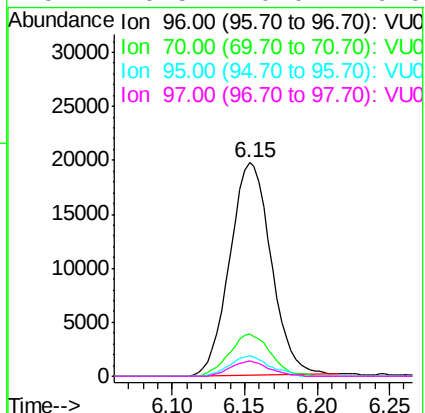
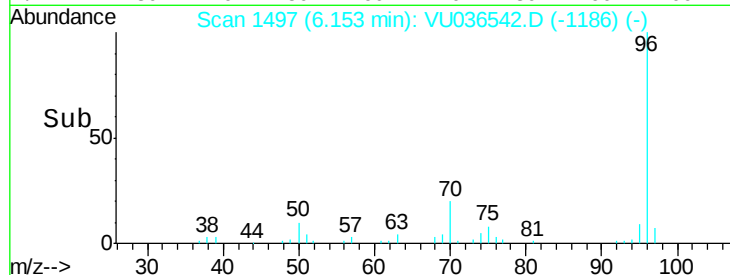
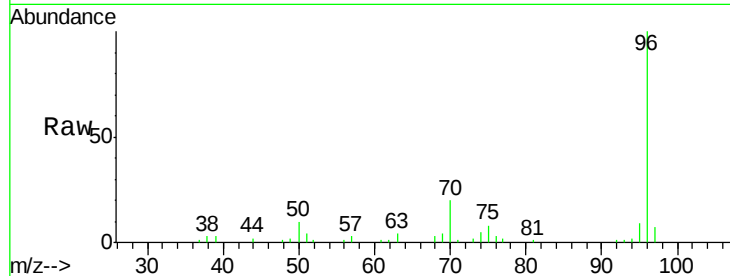
Ion Ratio Lower Upper

96 100

70 19.8 15.6 23.4

95 9.2 7.0 10.6

97 6.5 0.0 0.0#



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.451 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036542.D

Acq: 23 Jan 2020 16:35

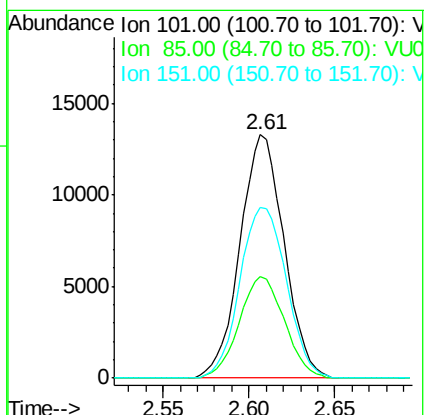
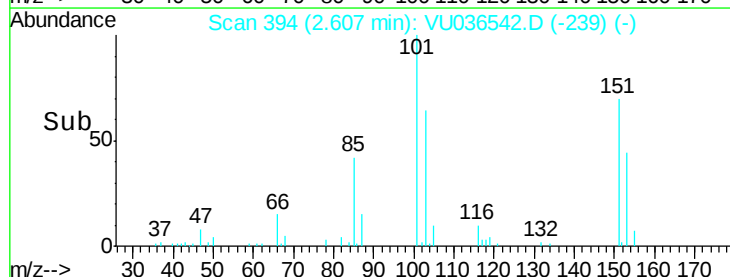
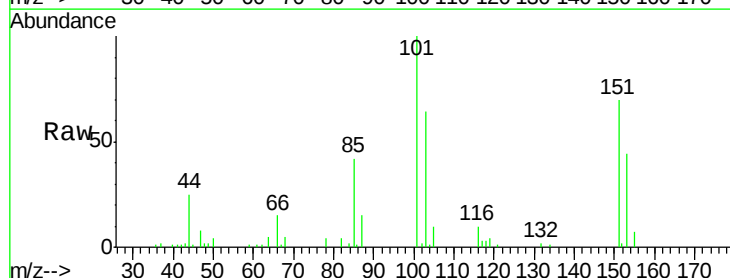
Tgt Ion: 101 Resp: 23628

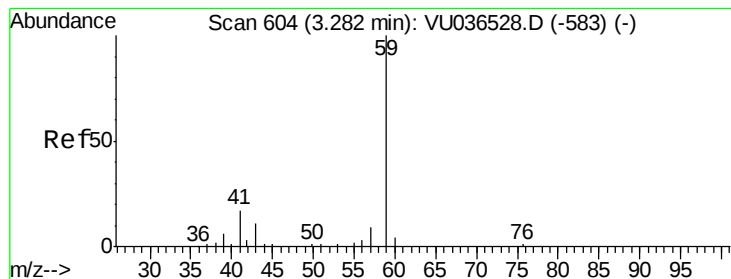
Ion Ratio Lower Upper

101 100

85 42.8 33.9 50.9

151 74.2 59.8 89.8





#24

tert-Butyl Alcohol

Concen: 3.369 ug/l

RT: 3.29 min Scan# 607

Delta R.T. 0.01 min

Lab File: VU036542.D

Acq: 23 Jan 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

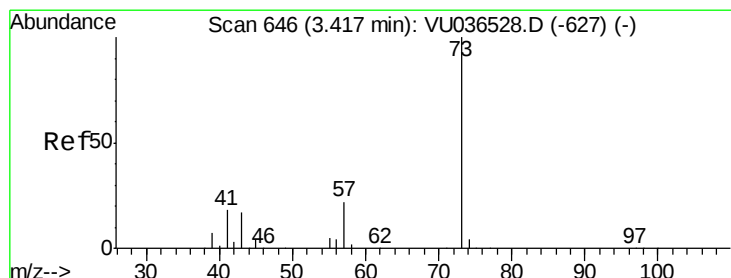
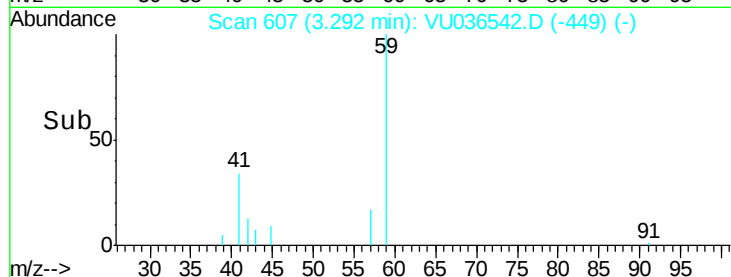
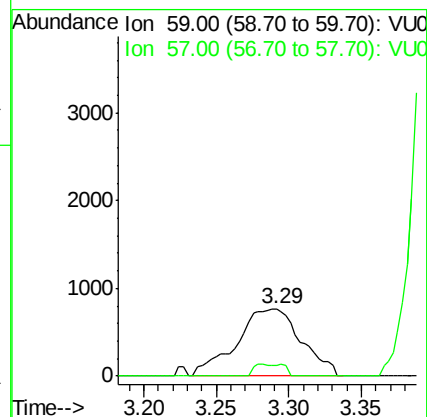
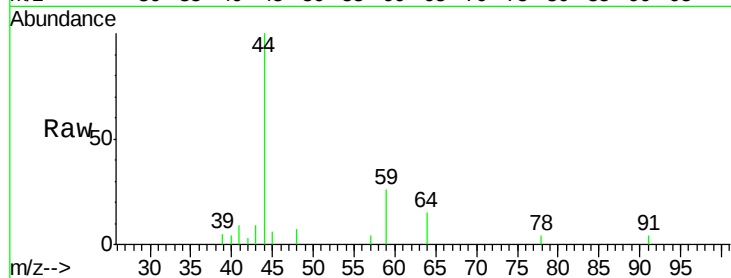
PT-ADD-WSDL

Tot Ion: 59 Resp: 2387

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#25

Methyl tert-Butyl Ether

Concen: 8.150 ug/l

RT: 3.42 min Scan# 646

Delta R.T. -0.00 min

Lab File: VU036542.D

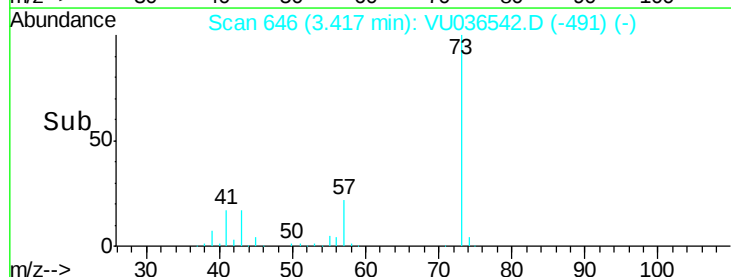
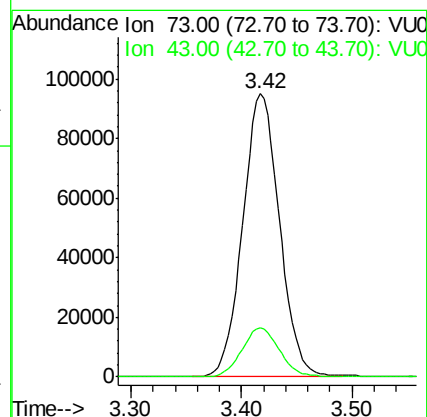
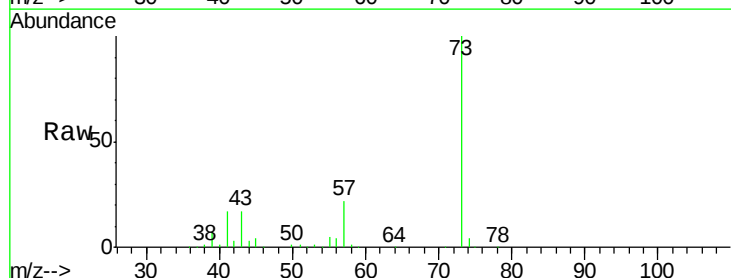
Acq: 23 Jan 2020 16:35

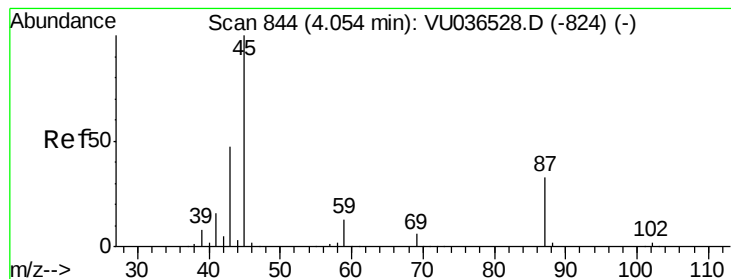
Tgt Ion: 73 Resp: 219194

Ion Ratio Lower Upper

73 100

43 17.3 14.5 21.7





#31

Isopropyl Ether

Concen: 2.409 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036542.D

Acq: 23 Jan 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

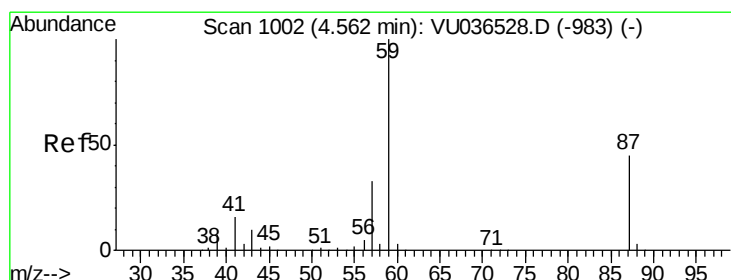
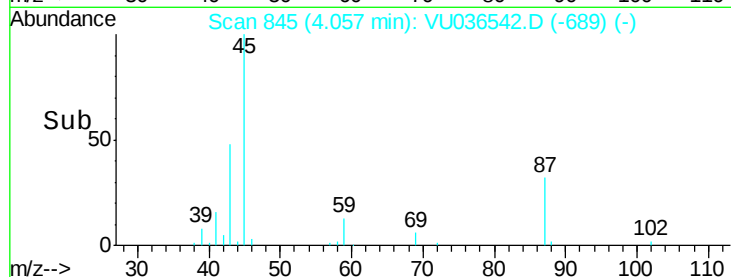
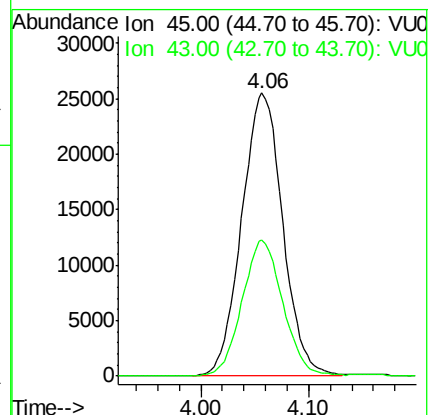
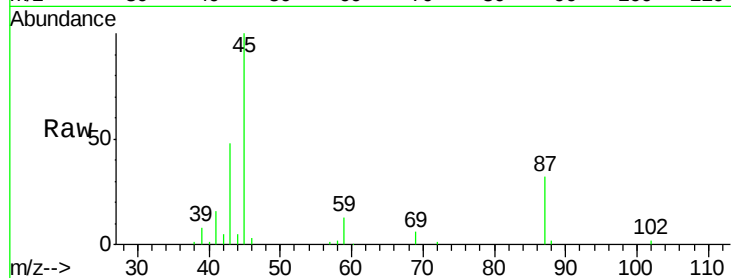
PT-ADD-WSDL

Tot Ion: 45 Resp: 67454

Ion Ratio Lower Upper

45 100

43 47.9 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 3.618 ug/l

RT: 4.56 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VU036542.D

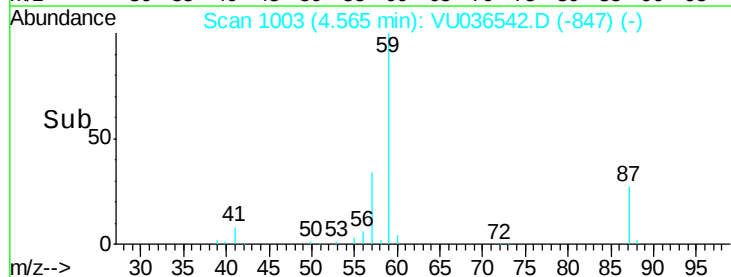
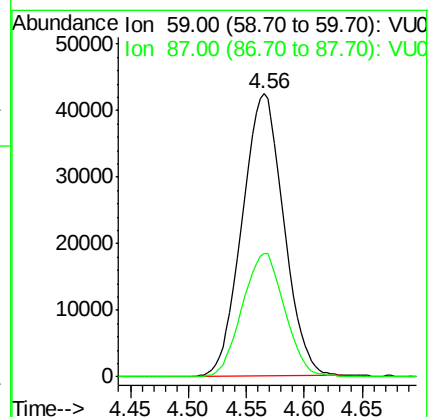
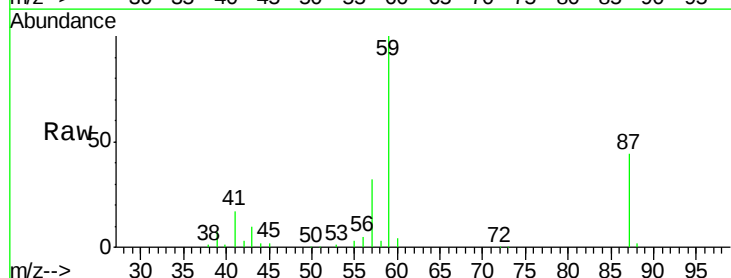
Acq: 23 Jan 2020 16:35

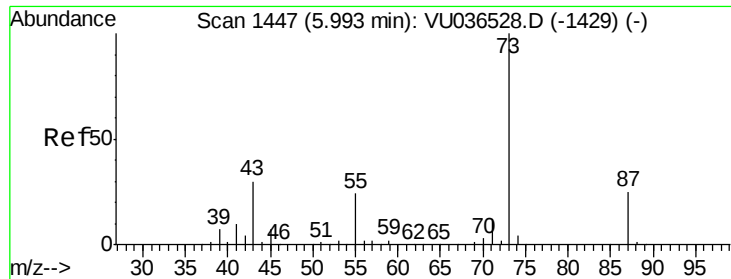
Tgt Ion: 59 Resp: 106006

Ion Ratio Lower Upper

59 100

87 44.6 35.1 52.7

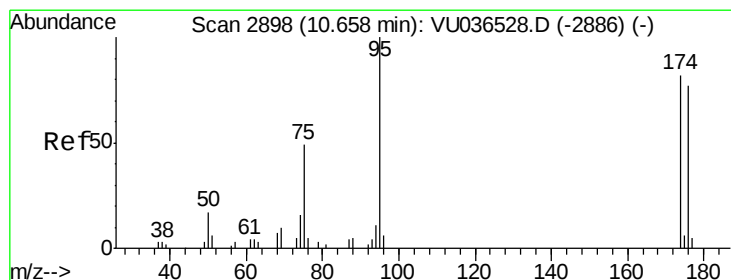
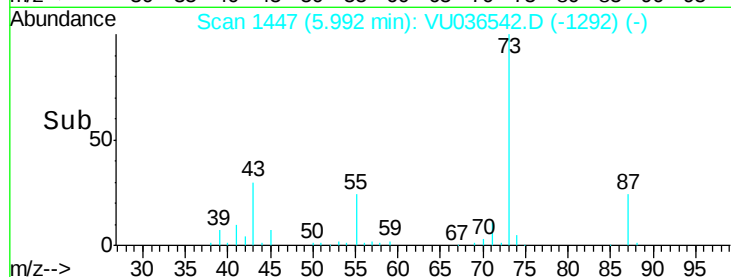
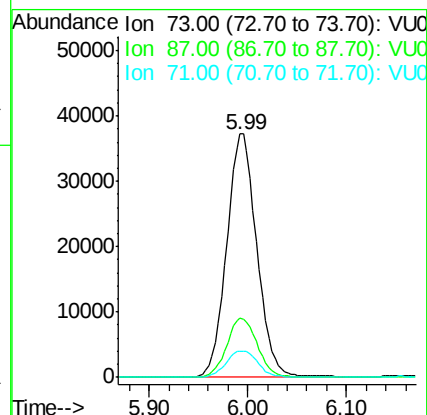
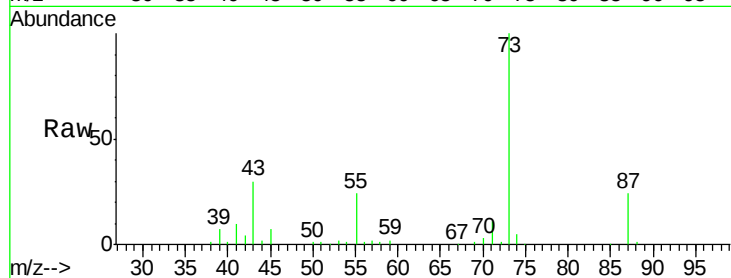




#33
Tert-Butyl methyl ether
Concen: 2.940 ug/l
RT: 5.99 min Scan# 1447
Delta R.T. -0.00 min
Lab File: VU036542.D
Acq: 23 Jan 2020 16:35

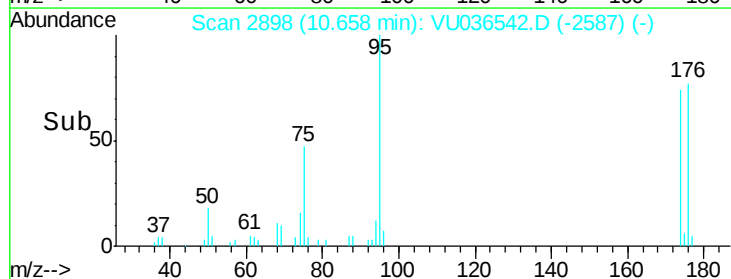
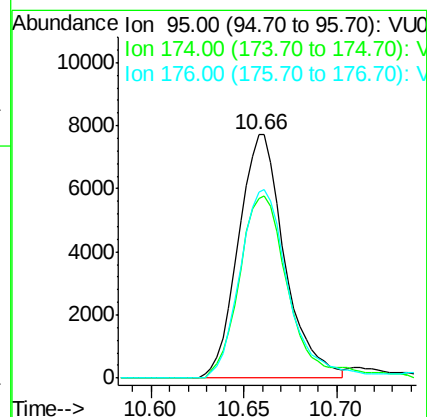
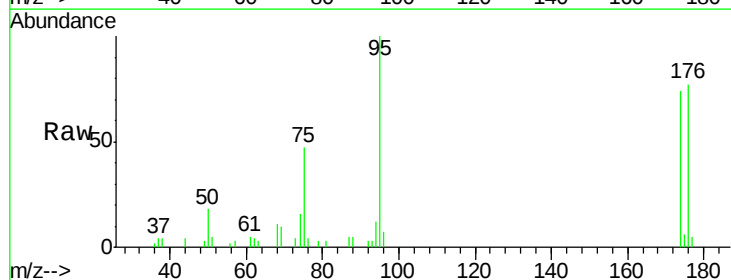
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

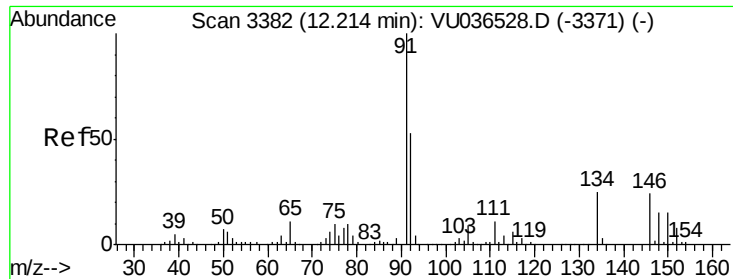
Tot Ion: 73 Resp: 78877
Ion Ratio Lower Upper
73 100
87 24.6 19.8 29.6
71 11.4 9.1 13.7



#57
4-Bromofluorobenzene
Concen: 0.908 ug/l
RT: 10.66 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU036542.D
Acq: 23 Jan 2020 16:35

Tgt Ion: 95 Resp: 13377
Ion Ratio Lower Upper
95 100
174 80.3 64.7 97.1
176 80.9 60.6 91.0

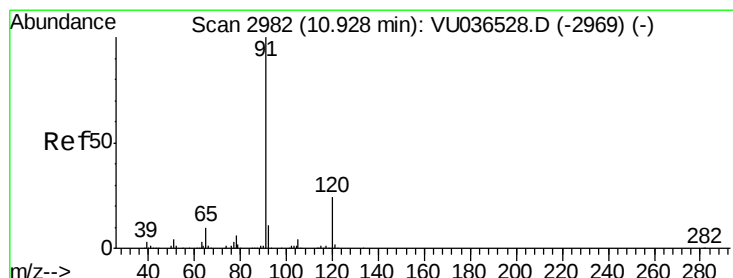
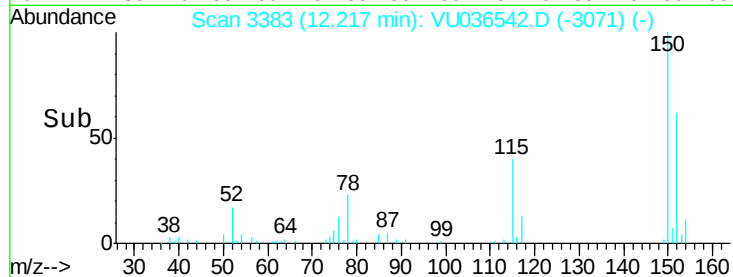
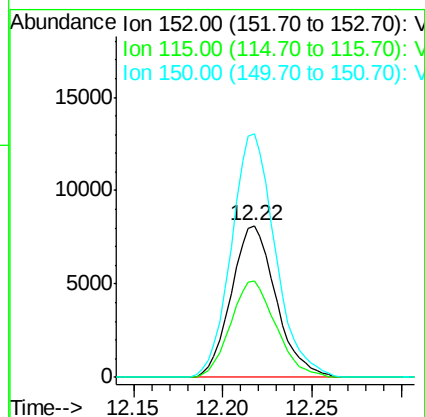
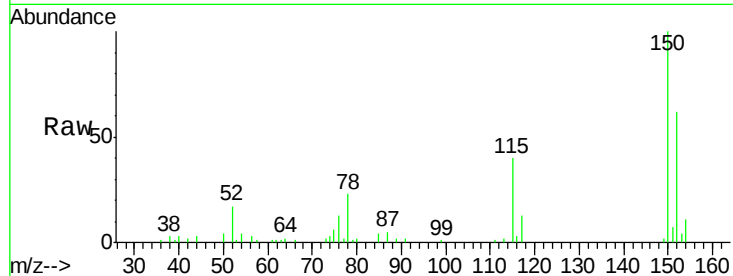




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.937 ug/l
 RT: 12.22 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VU036542.D
 Acq: 23 Jan 2020 16:35

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Tot Ion:152 Resp: 14132
 Ion Ratio Lower Upper
 152 100
 115 64.4 0.0 241.8
 150 157.7 0.0 652.4



#73
 n-propylbenzene
 Concen: 2.113 ug/l
 RT: 10.93 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: VU036542.D
 Acq: 23 Jan 2020 16:35

Tgt Ion:120 Resp: 30769
 Ion Ratio Lower Upper
 120 100
 91 426.0 329.5 494.3

