

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091119\
 Data File : VU034475.D
 Acq On : 11 Sep 2019 14:23
 Operator : JC/SP
 Sample : K4783-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 38150-122118

Quant Time: Sep 12 04:07:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 12 02:53:57 2019
 Response via : Initial Calibration

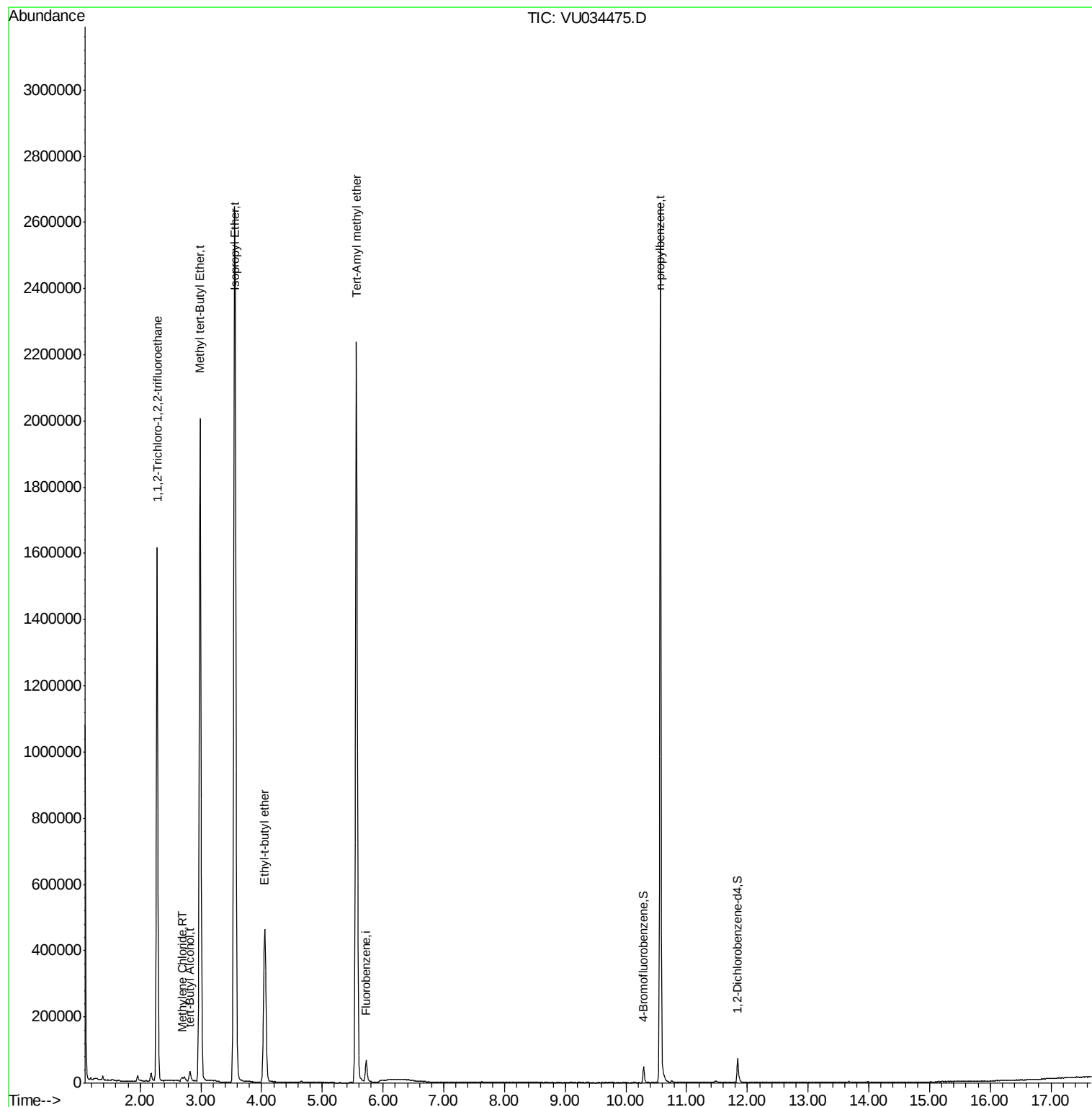
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.72	96	67959	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	19108	0.73	ug/l	0.00
Spiked Amount 1.000			Recovery	=	73.00%	
68) 1,2-Dichlorobenzene-d4	11.84	152	22986	0.81	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.00%	
Target Compounds						Ovalue
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	608121	33.885	ug/l	100
15) Methylene Chloride	2.69	84	4653	0.221	ug/l	95
24) tert-Butyl Alcohol	2.82	59	35645	20.416	ug/l #	75
25) Methyl tert-Butyl Ether	2.99	73	2167598	50.009	ug/l	100
31) Isopropyl Ether	3.56	45	2737233	49.276	ug/l	97
32) Ethyl-t-butyl ether	4.05	59	525877	11.063	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	1938340	48.679	ug/l	99
73) n-propylbenzene	10.57	120	452921	18.287	ug/l	95
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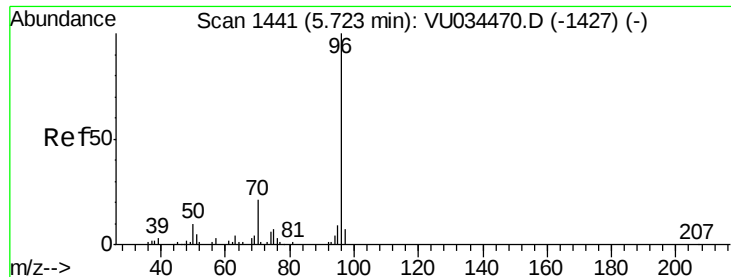
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU034475.D

Acq: 11 Sep 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

38150-122118

Tot Ion: 96 Resp: 67959

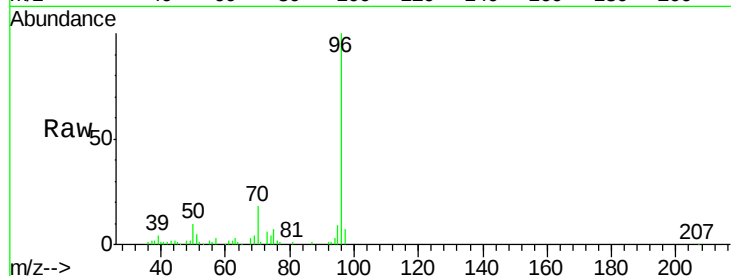
Ion Ratio Lower Upper

96 100

70 18.6 16.5 24.7

95 8.7 7.0 10.6

97 6.8 0.0 0.0#

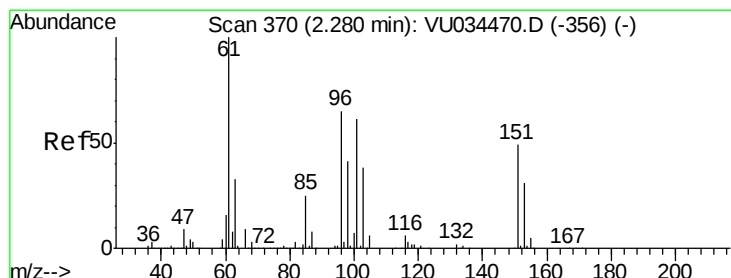
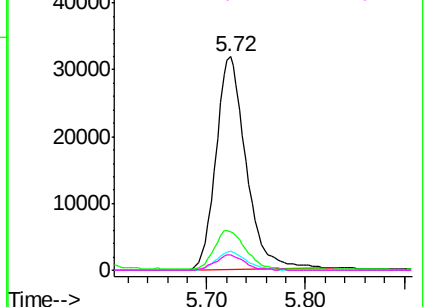
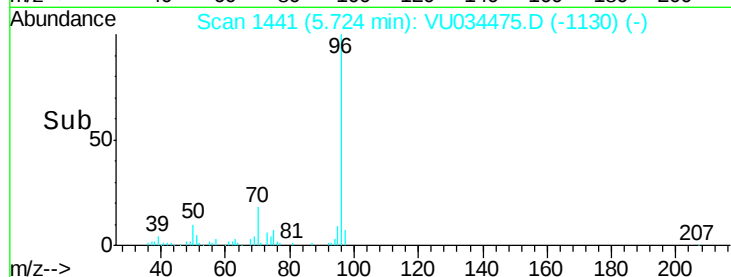


Abundance Ion 96.00 (95.70 to 96.70): VU034475.D (-1130) (-)

Ion 70.00 (69.70 to 70.70): VU034475.D (-1130) (-)

Ion 95.00 (94.70 to 95.70): VU034475.D (-1130) (-)

Ion 97.00 (96.70 to 97.70): VU034475.D (-1130) (-)



#8

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

Concen: 33.885 ug/l

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU034475.D

Acq: 11 Sep 2019 14:23

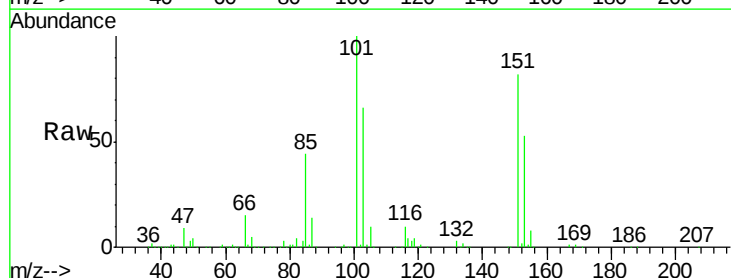
Tgt Ion: 101 Resp: 608121

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.2

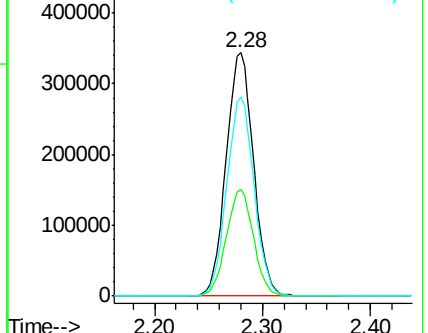
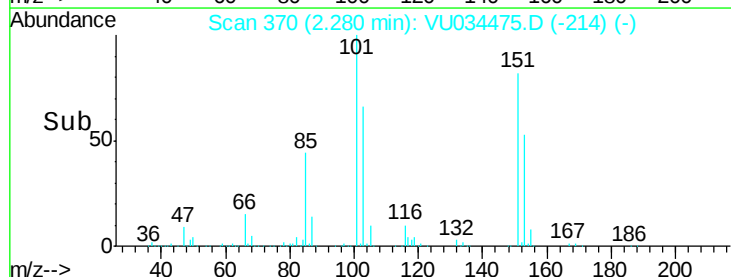
151 81.6 65.2 97.8

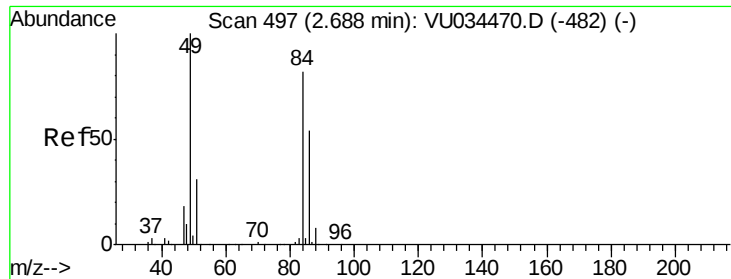


Abundance Ion 101.00 (100.70 to 101.70): VU034475.D (-214) (-)

Ion 85.00 (84.70 to 85.70): VU034475.D (-214) (-)

Ion 151.00 (150.70 to 151.70): VU034475.D (-214) (-)

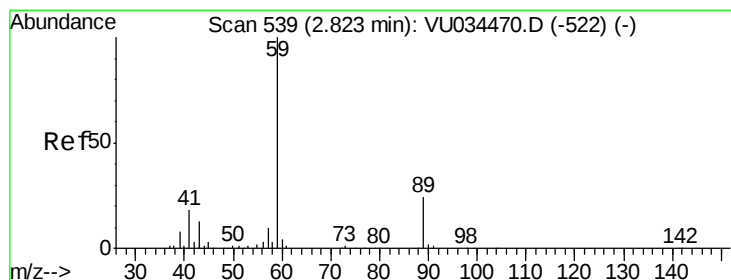
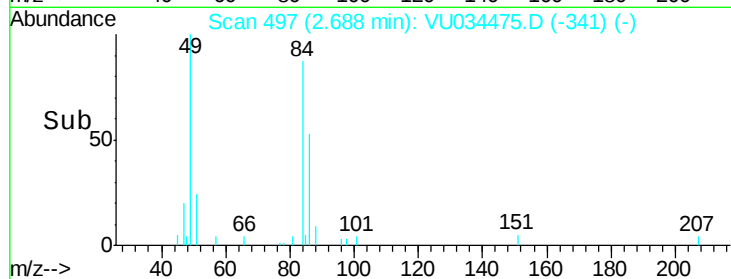
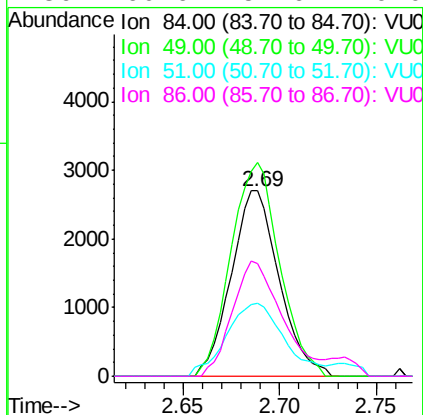
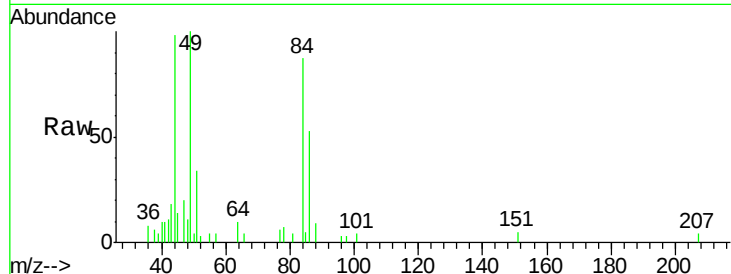




#15
Methvlene Chloride
Concen: 0.221 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034475.D
Acq: 11 Sep 2019 14:23

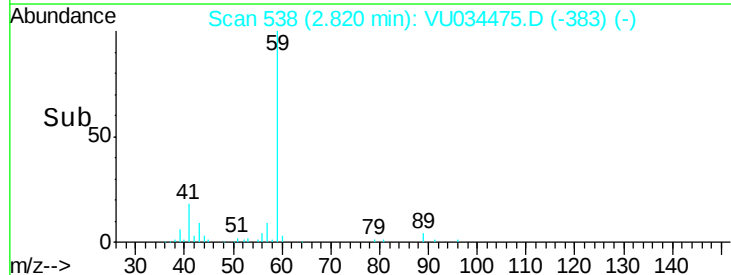
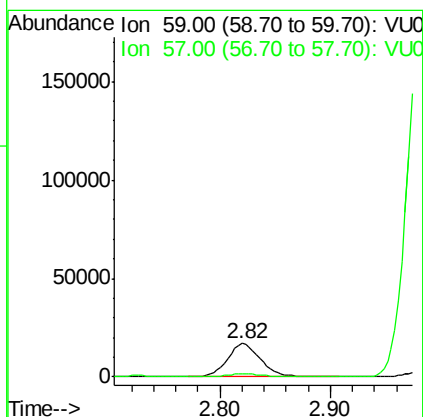
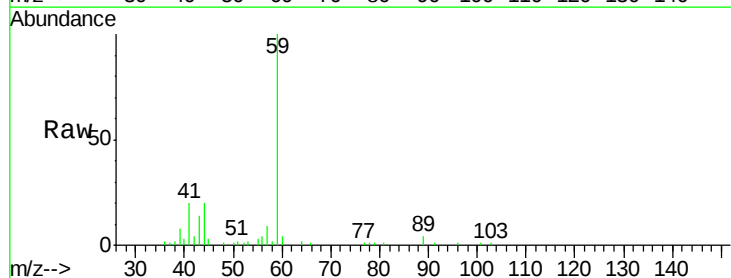
Instrument :
MSVOA_U
ClientSampleId :
38150-122118

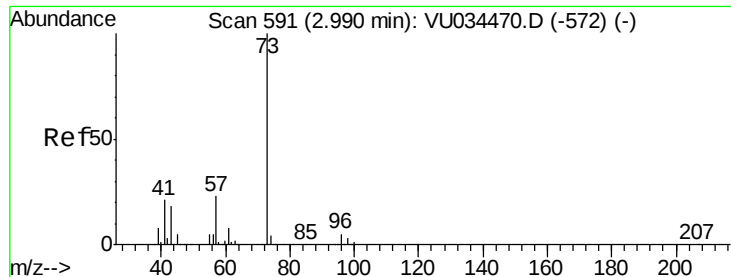
Tot Ion:	84	Resp:	4653
Ion	Ratio	Lower	Upper
84	100		
49	115.4	97.8	146.6
51	39.3	0.0	76.4
86	60.6	52.6	79.0



#24
tert-Butyl Alcohol
Concen: 20.416 ug/l
RT: 2.82 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU034475.D
Acq: 11 Sep 2019 14:23

Tgt Ion:	59	Resp:	35645
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.3	10.9#



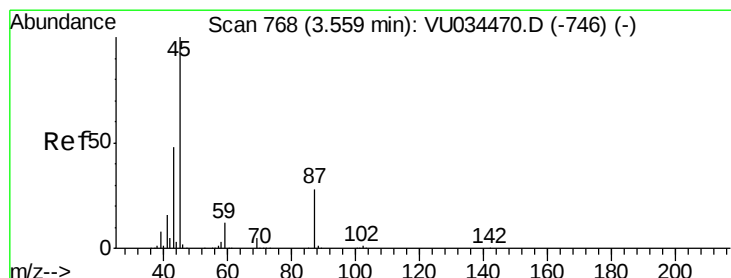
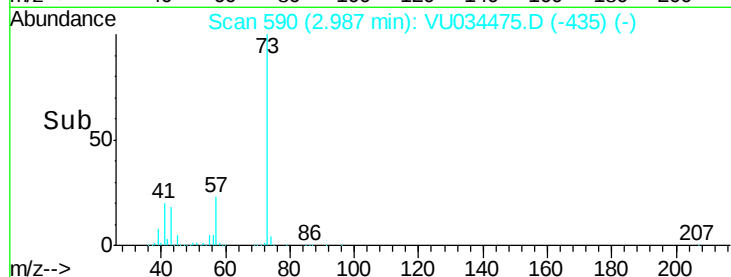
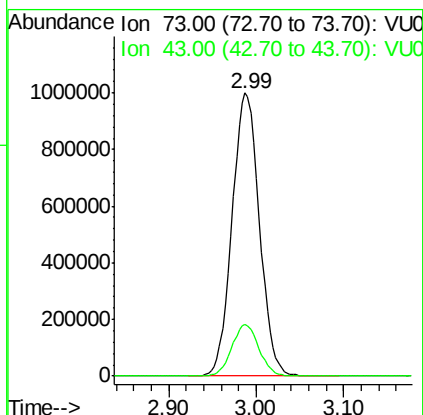
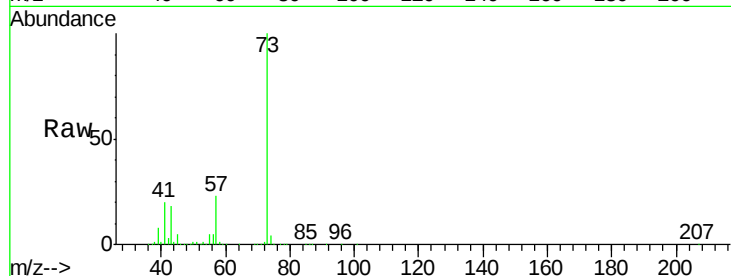


#25

Methyl tert-Butyl Ether
 Concen: 50.009 ug/l
 RT: 2.99 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: VU034475.D
 Acq: 11 Sep 2019 14:23

Instrument :
 MSVOA_U
 ClientSampleId :
 38150-122118

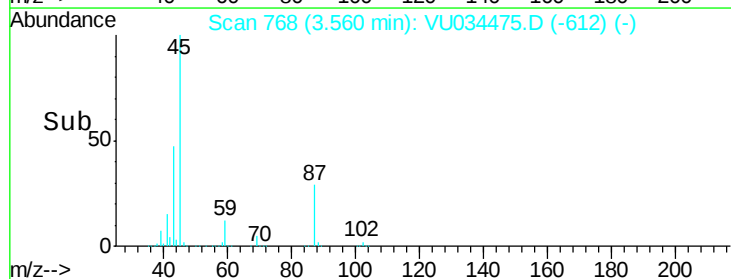
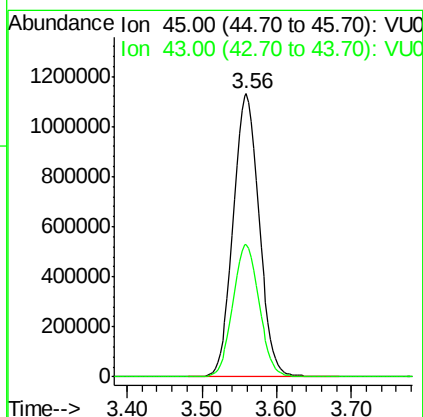
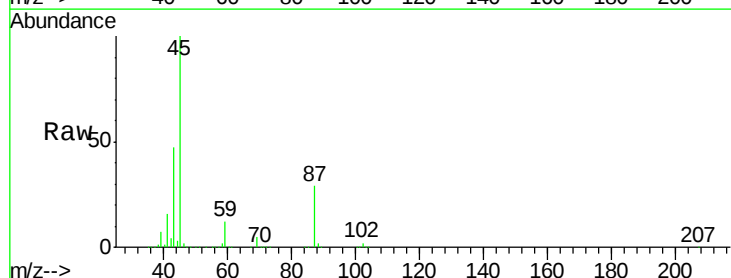
Tot Ion: 73 Resp: 2167598
 Ion Ratio Lower Upper
 73 100
 43 18.1 14.4 21.6

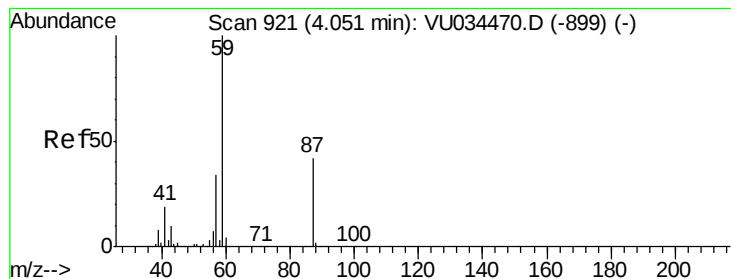


#31

Isopropyl Ether
 Concen: 49.276 ug/l
 RT: 3.56 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VU034475.D
 Acq: 11 Sep 2019 14:23

Tgt Ion: 45 Resp: 2737233
 Ion Ratio Lower Upper
 45 100
 43 47.5 24.8 74.3





#32

Ethyl-t-butyl ether

Concen: 11.063 ug/l

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VU034475.D

Acq: 11 Sep 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

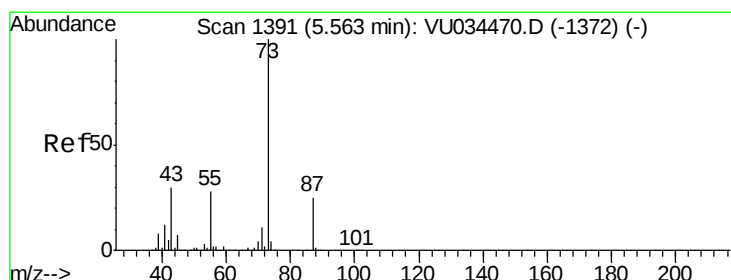
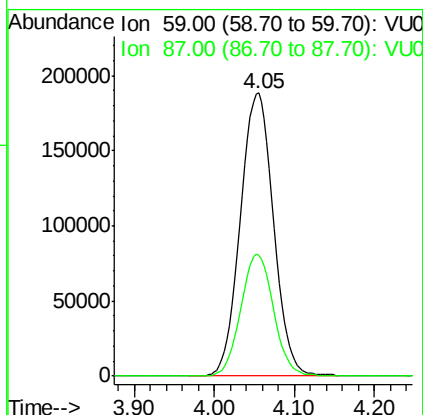
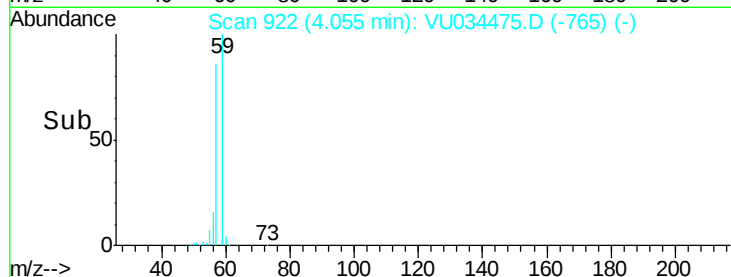
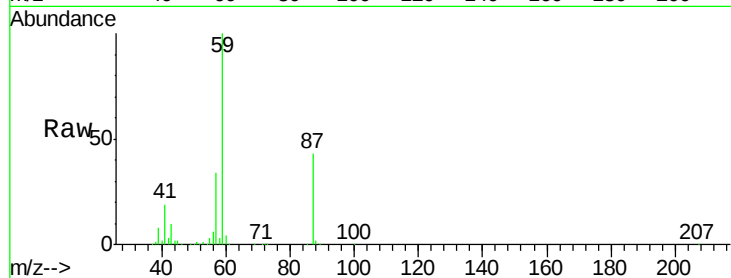
38150-122118

Tot Ion: 59 Resp: 525877

Ion Ratio Lower Upper

59 100

87 42.2 33.6 50.4



#33

Tert-Amyl methyl ether

Concen: 48.679 ug/l

RT: 5.56 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU034475.D

Acq: 11 Sep 2019 14:23

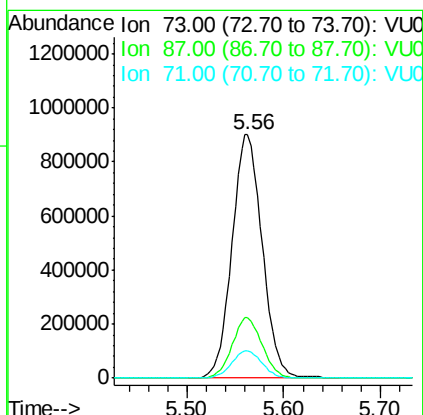
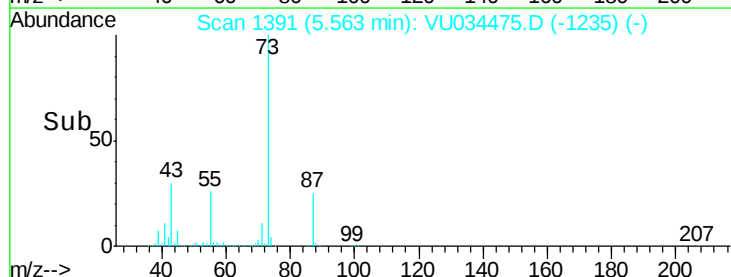
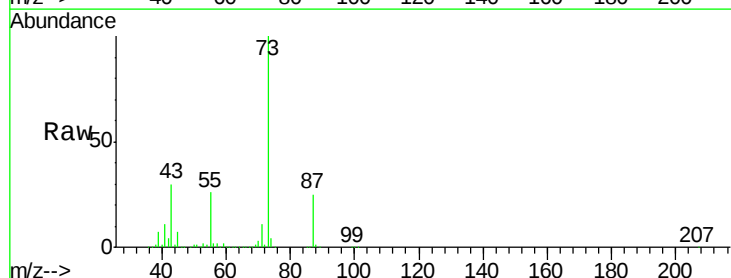
Tgt Ion: 73 Resp: 1938340

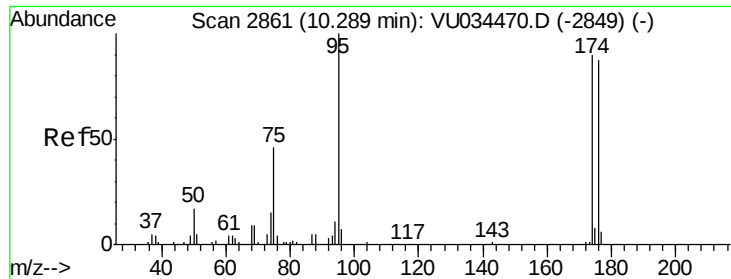
Ion Ratio Lower Upper

73 100

87 24.7 19.4 29.0

71 11.4 9.3 13.9

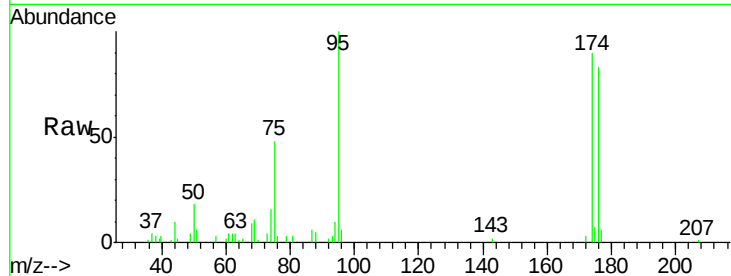




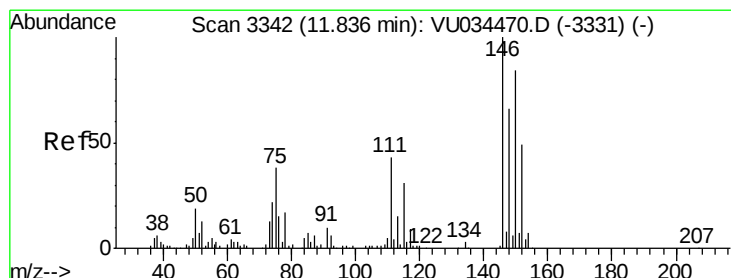
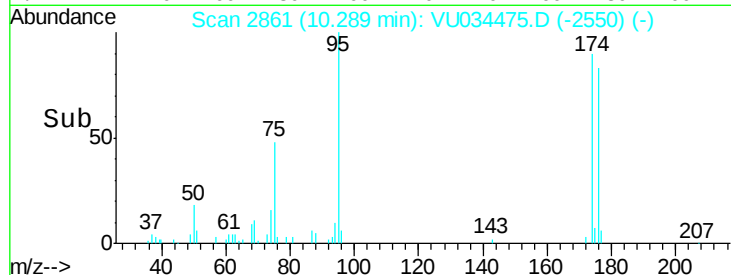
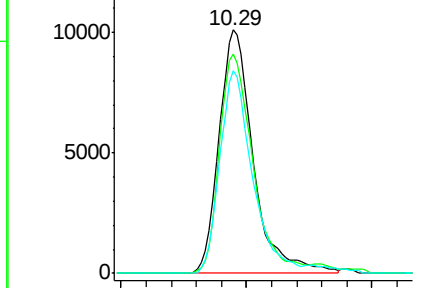
#57
 4-Bromofluorobenzene
 Concen: 0.726 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU034475.D
 Acq: 11 Sep 2019 14:23

Instrument :
 MSVOA_U
 ClientSampleId :
 38150-122118

Tot Ion: 95 Resp: 19108
 Ion Ratio Lower Upper
 95 100
 174 88.2 70.1 105.1
 176 79.2 67.7 101.5

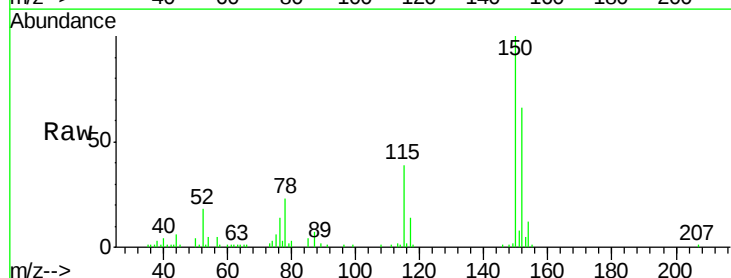


Abundance Ion 95.00 (94.70 to 95.70): VU034470.D (-2849) (-)
 Ion 174.00 (173.70 to 174.70): VU034470.D (-2849) (-)
 Ion 176.00 (175.70 to 176.70): VU034470.D (-2849) (-)

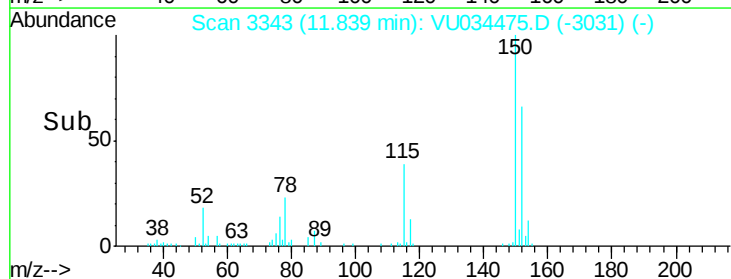
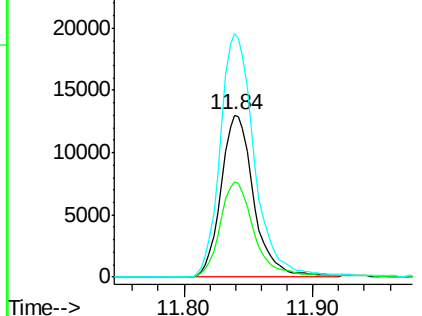


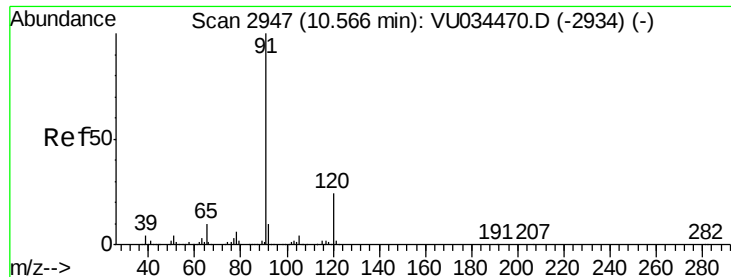
#68
 1,2-Dichlorobenzene-d4
 Concen: 0.810 ug/l
 RT: 11.84 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VU034475.D
 Acq: 11 Sep 2019 14:23

Tgt Ion: 152 Resp: 22986
 Ion Ratio Lower Upper
 152 100
 115 60.8 0.0 126.6
 150 156.3 0.0 633.6



Abundance Ion 152.00 (151.70 to 152.70): VU034470.D (-3331) (-)
 Ion 115.00 (114.70 to 115.70): VU034470.D (-3331) (-)
 Ion 150.00 (149.70 to 150.70): VU034470.D (-3331) (-)





#73

n-propylbenzene

Concen: 18.287 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. 0.00 min

Lab File: VU034475.D

Acq: 11 Sep 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

38150-122118

Tot Ion:120 Resp: 452921

Ion Ratio Lower Upper

120 100

91 437.0 339.1 508.7

