

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039707.D
 Acq On : 29 Jul 2020 16:54
 Operator : SY/MD
 Sample : L3319-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Jul 30 09:27:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

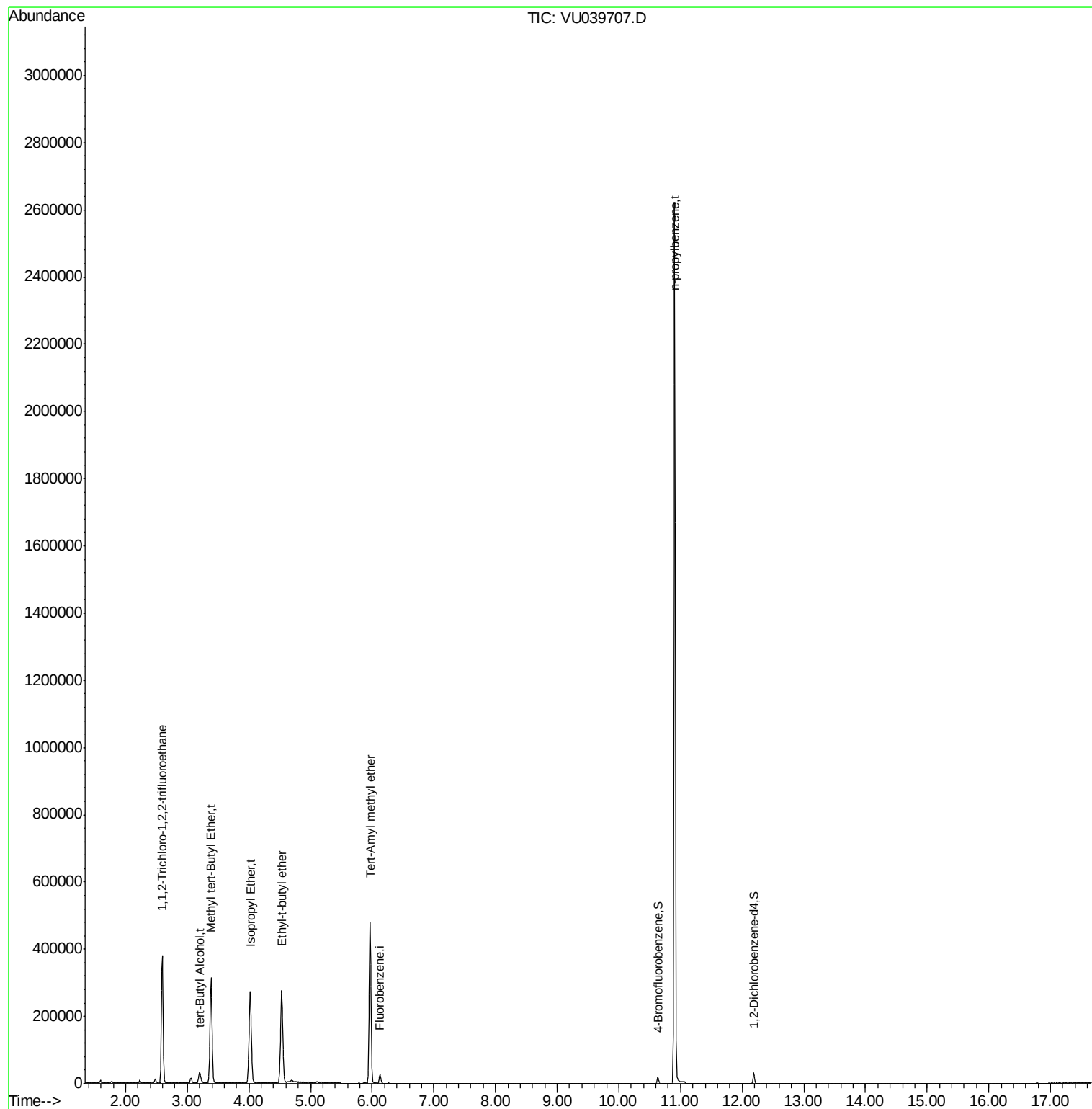
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.13	96	21172	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	6511	0.79	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7353	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
Target Compounds						Ovalue
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	146819	22.964	ug/l	99
24) tert-Butyl Alcohol	3.20	59	34112	42.883	ug/l	98
25) Methyl tert-Butyl Ether	3.39	73	318572	16.597	ug/l	99
31) Isopropyl Ether	4.02	45	295478	11.031	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	274514	12.043	ug/l	98
33) Tert-Amyl methyl ether	5.97	73	361673	22.008	ug/l	100
73) n-propylbenzene	10.91	120	398704	48.978	ug/l	93
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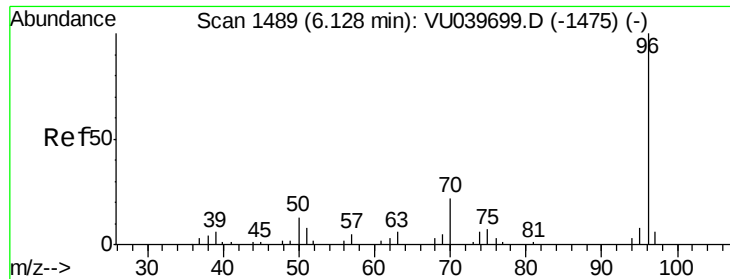
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039707.D

Acq: 29 Jul 2020 16:54

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS

Tot Ion: 96 Resp: 21172

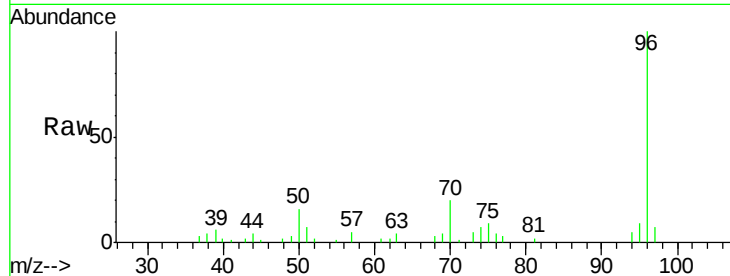
Ion Ratio Lower Upper

96 100

70 21.5 16.3 24.5

95 8.5 6.8 10.2

97 7.1 0.0 0.0#

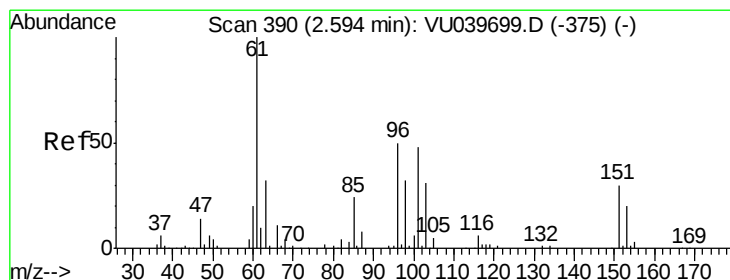
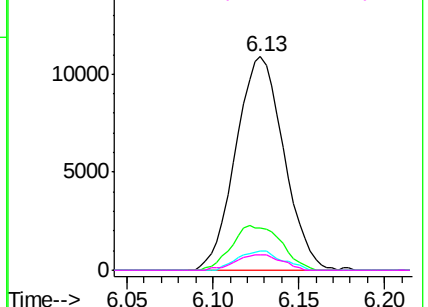
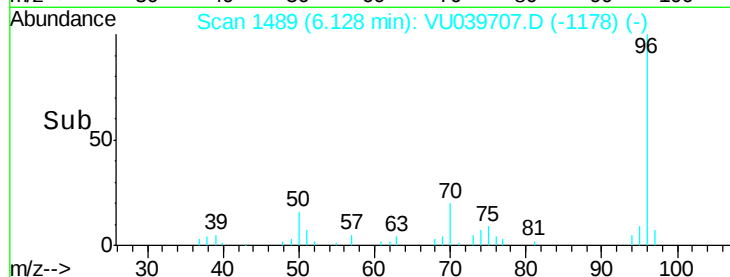


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#8

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

Concen: 22.964 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039707.D

Acq: 29 Jul 2020 16:54

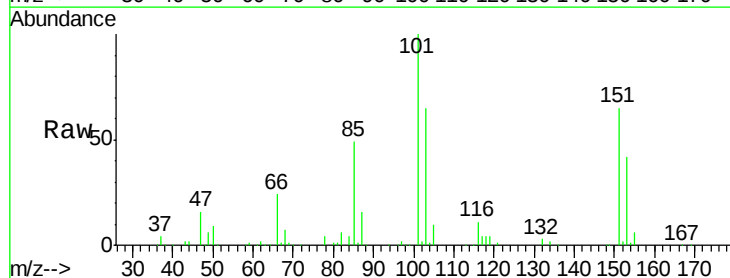
Tgt Ion:101 Resp: 146819

Ion Ratio Lower Upper

101 100

85 49.0 39.9 59.9

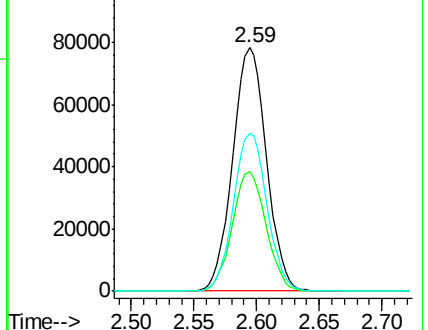
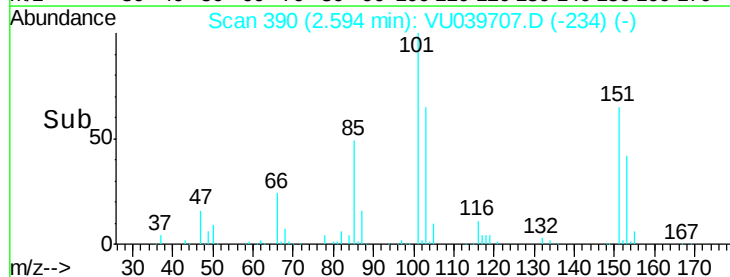
151 64.2 51.0 76.4

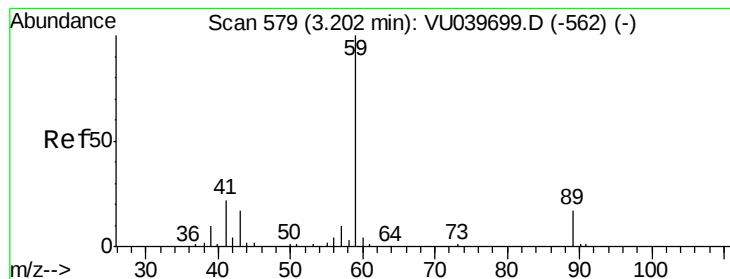


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#24

tert-Butyl Alcohol

Concen: 42.883 ug/l

RT: 3.20 min Scan# 578

Delta R.T. -0.00 min

Lab File: VU039707.D

Acq: 29 Jul 2020 16:54

Instrument :

MSVOA_U

ClientSampleId :

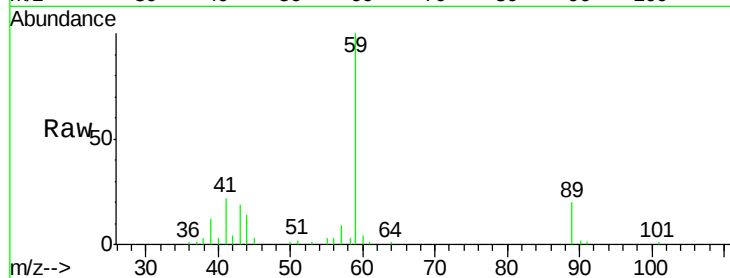
PT-ADD-WS

Tot Ion: 59 Resp: 34112

Ion Ratio Lower Upper

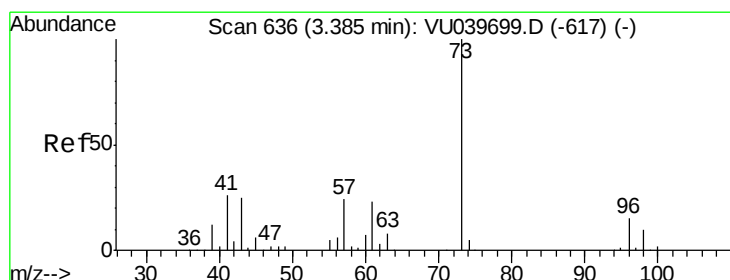
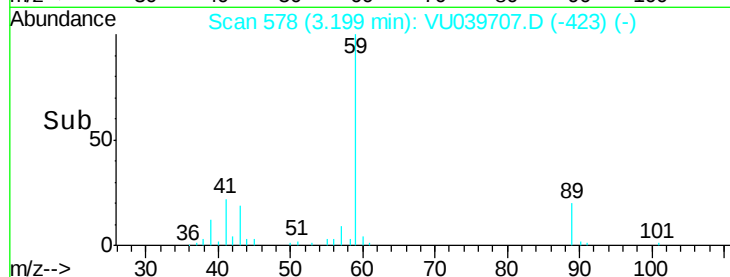
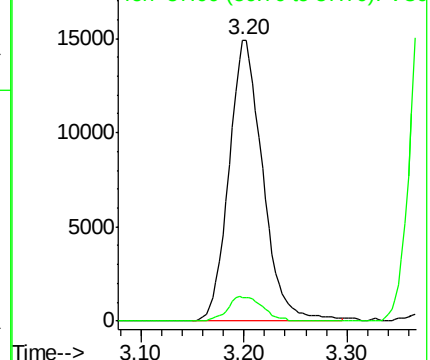
59 100

57 9.0 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-562) (-)

Ion 57.00 (56.70 to 57.70): VU039699.D (-562) (-)



#25

Methyl tert-Butyl Ether

Concen: 16.597 ug/l

RT: 3.39 min Scan# 636

Delta R.T. -0.00 min

Lab File: VU039707.D

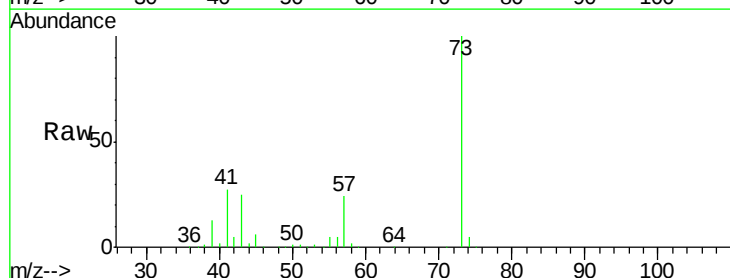
Acq: 29 Jul 2020 16:54

Tgt Ion: 73 Resp: 318572

Ion Ratio Lower Upper

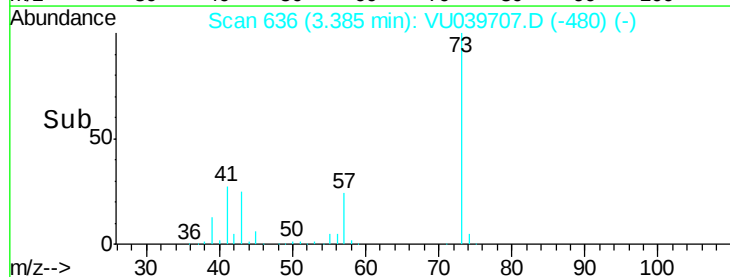
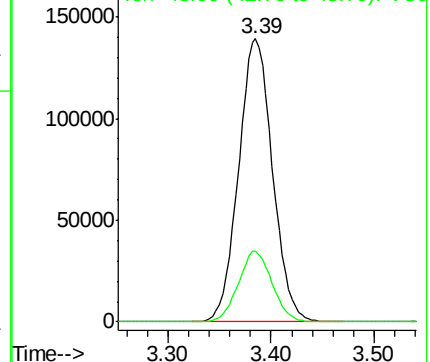
73 100

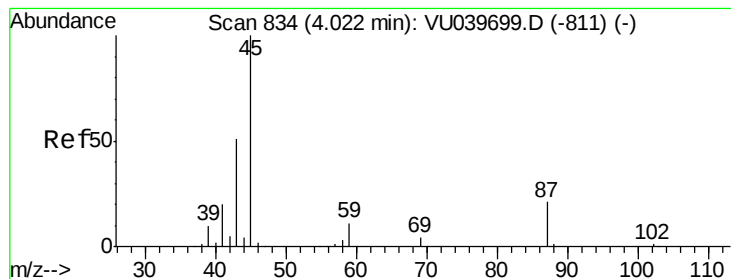
43 24.6 20.1 30.1



Abundance Ion 73.00 (72.70 to 73.70): VU039699.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-617) (-)





#31

Isopropyl Ether

Concen: 11.031 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039707.D

Acq: 29 Jul 2020 16:54

Instrument :

MSVOA_U

ClientSampleId :

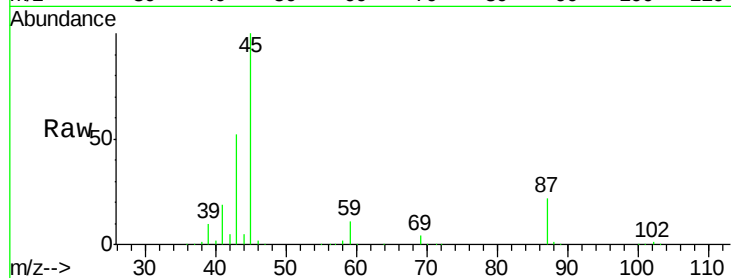
PT-ADD-WS

Tot Ion: 45 Resp: 295478

Ion Ratio Lower Upper

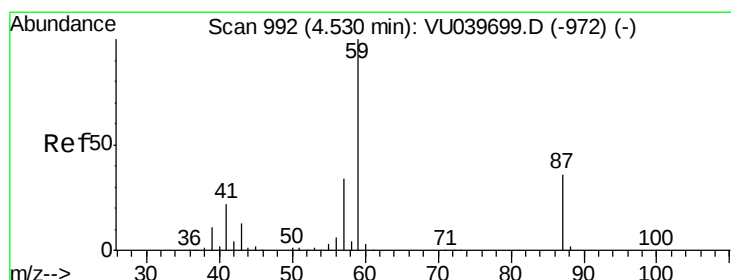
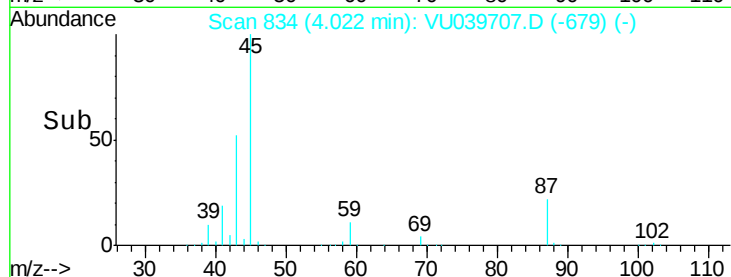
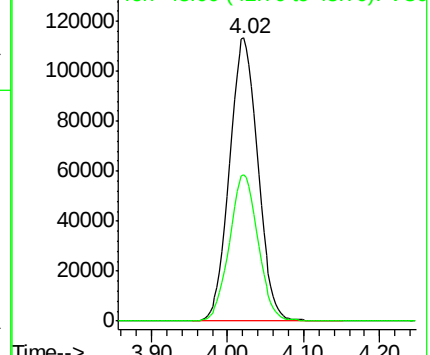
45 100

43 51.9 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039707.D (-679) (-)

Ion 43.00 (42.70 to 43.70): VU039707.D (-679) (-)



#32

Ethyl-t-butyl ether

Concen: 12.043 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039707.D

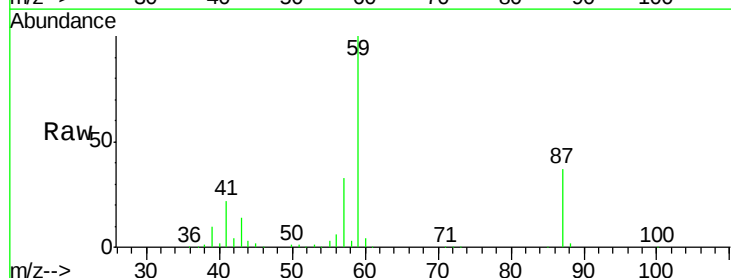
Acq: 29 Jul 2020 16:54

Tgt Ion: 59 Resp: 274514

Ion Ratio Lower Upper

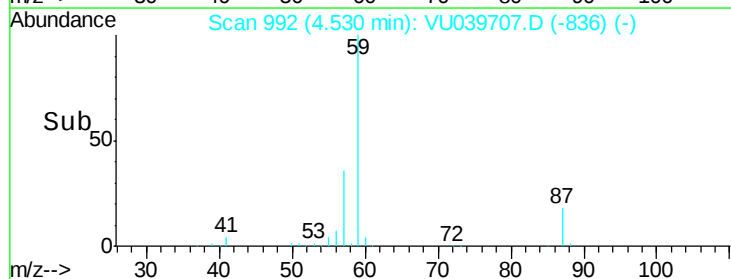
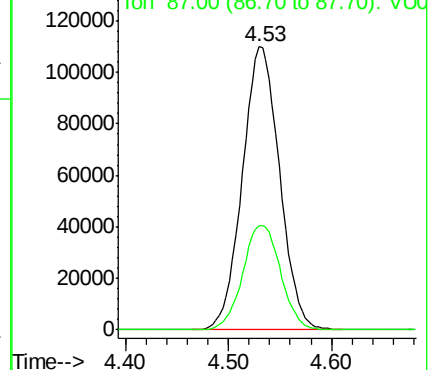
59 100

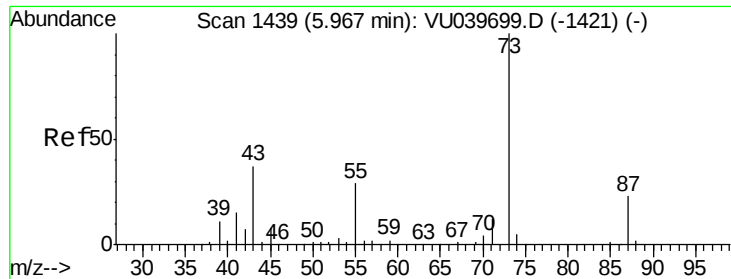
87 37.7 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039707.D (-836) (-)

Ion 87.00 (86.70 to 87.70): VU039707.D (-836) (-)

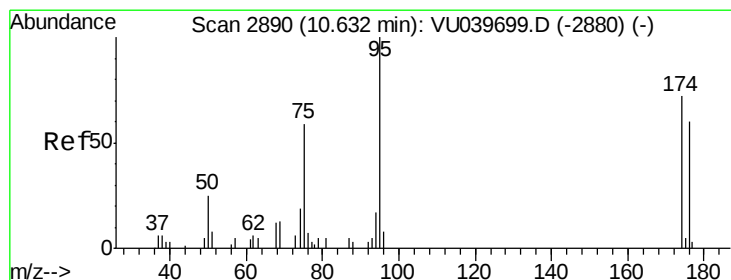
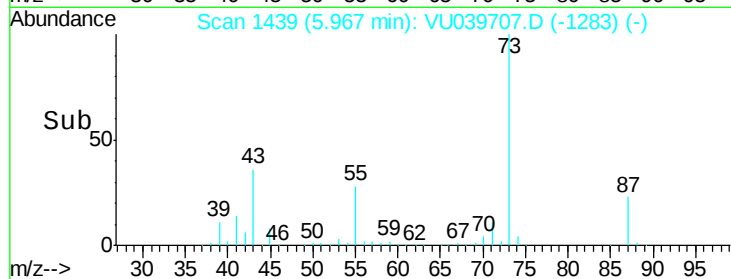
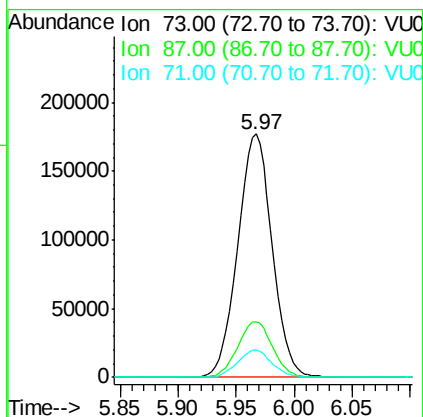
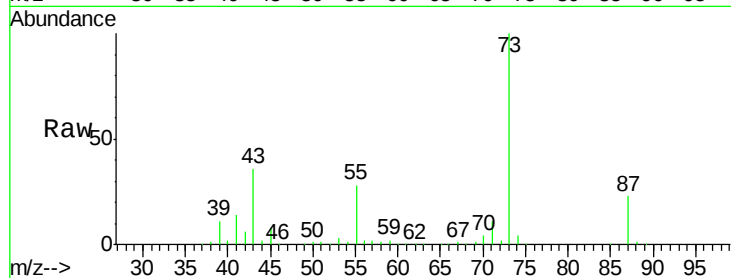




#33
Tert-Butyl methyl ether
Concen: 22.008 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

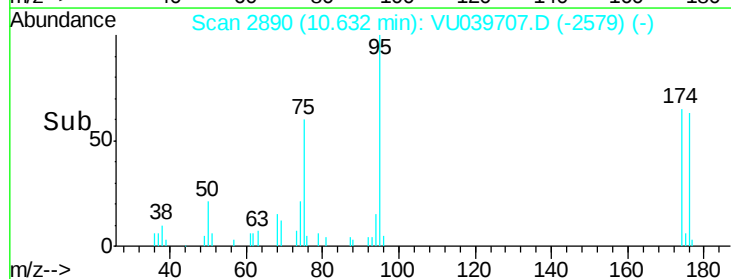
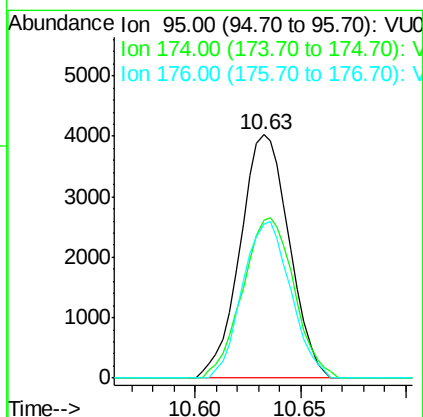
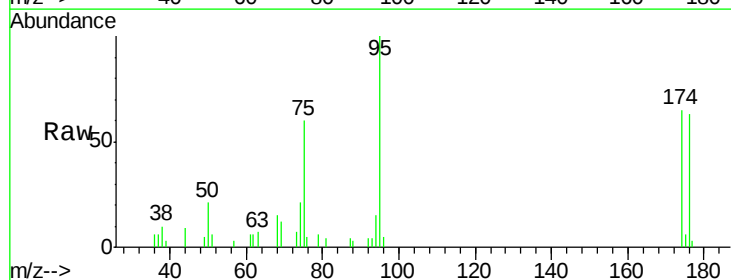
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

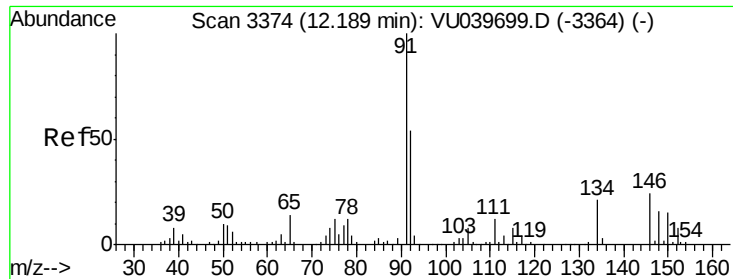
Tot Ion: 73 Resp: 361673
Ion Ratio Lower Upper
73 100
87 23.1 18.7 28.1
71 11.3 9.1 13.7



#57
4-Bromofluorobenzene
Concen: 0.787 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU039707.D
Acq: 29 Jul 2020 16:54

Tgt Ion: 95 Resp: 6511
Ion Ratio Lower Upper
95 100
174 69.0 57.0 85.4
176 63.0 50.2 75.2

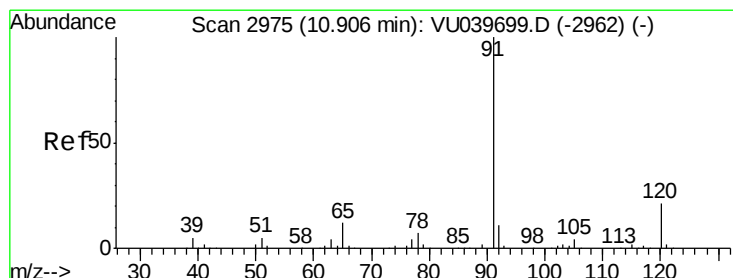
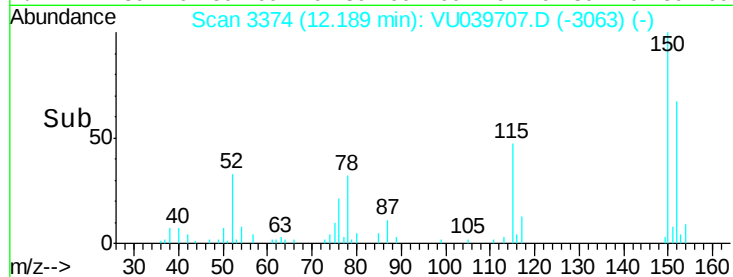
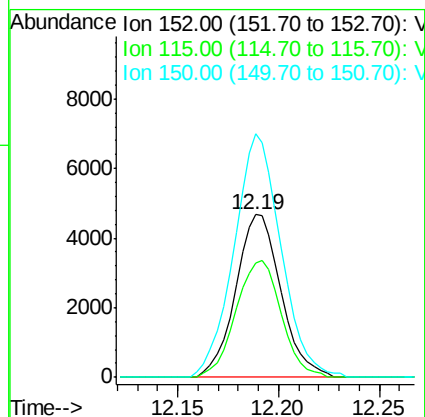
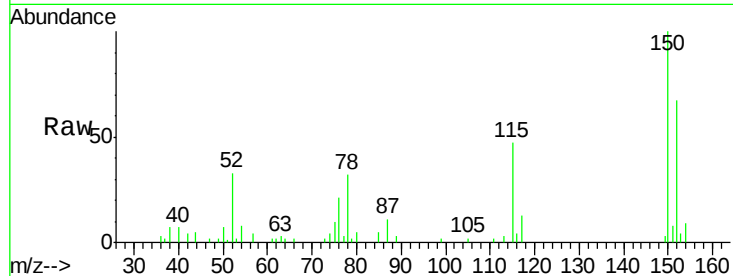




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.908 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU039707.D
 Acq: 29 Jul 2020 16:54

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Tot Ion:152 Resp: 7353
 Ion Ratio Lower Upper
 152 100
 115 71.7 0.0 302.4
 150 155.1 0.0 645.8



#73
 n-propylbenzene
 Concen: 48.978 ug/l
 RT: 10.91 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: VU039707.D
 Acq: 29 Jul 2020 16:54

Tgt Ion:120 Resp: 398704
 Ion Ratio Lower Upper
 120 100
 91 482.7 371.7 557.5

