

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029375.D
 Acq On : 08 Feb 2019 12:30
 Operator : JC/SP
 Sample : K1161-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Feb 18 12:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

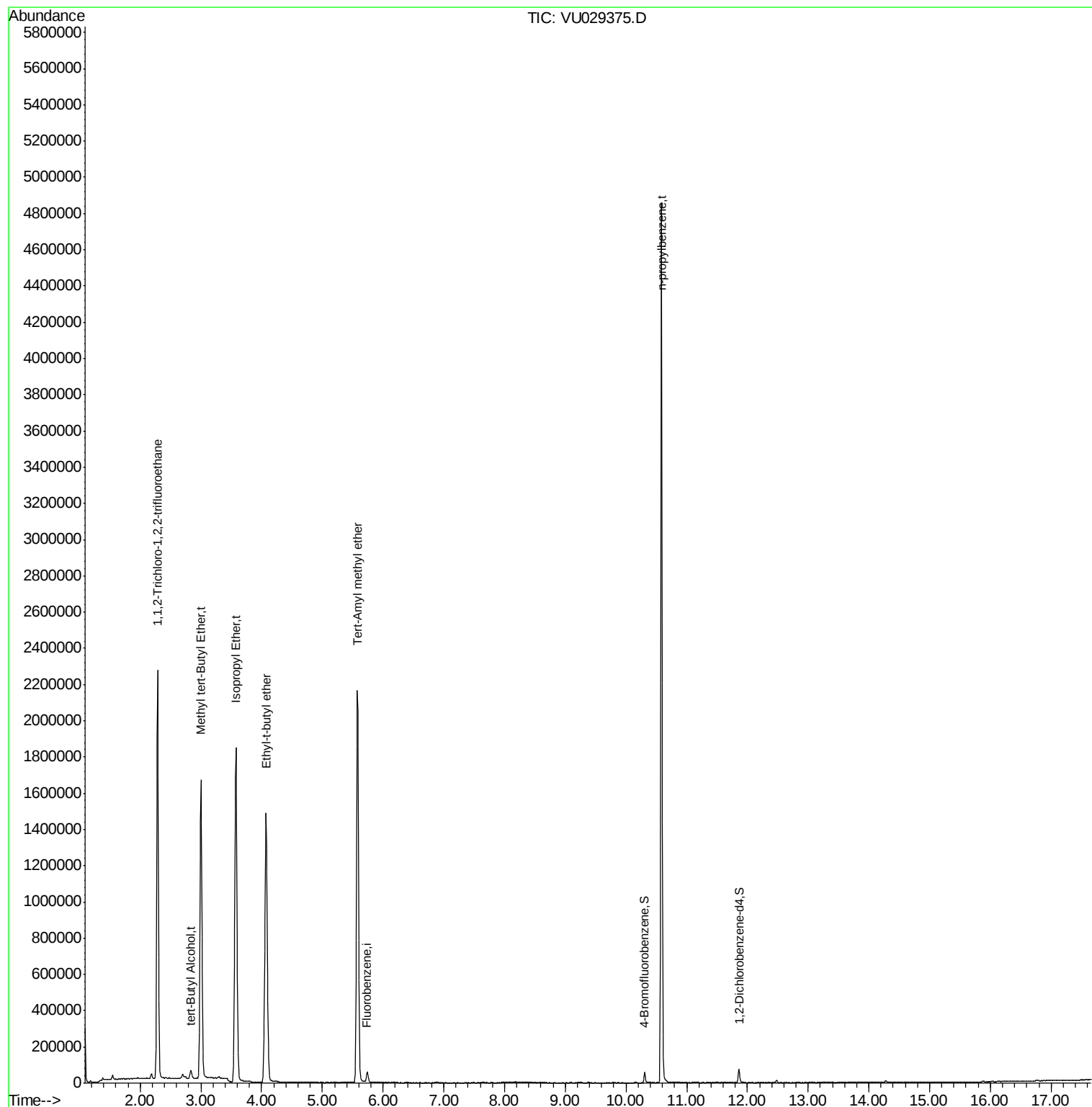
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	55175	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20638	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21641	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						Ovalue
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	835674	51.379	ug/l	89
24) tert-Butyl Alcohol	2.84	59	58503	44.044	ug/l #	71
25) Methyl tert-Butyl Ether	3.00	73	1844841	41.164	ug/l #	86
31) Isopropyl Ether	3.58	45	1842052	43.280	ug/l	91
32) Ethyl-t-butyl ether	4.07	59	1765936	41.405	ug/l	88
33) Tert-Amyl methyl ether	5.58	73	2002510	51.925	ug/l	98
73) n-propylbenzene	10.58	120	925669	42.679	ug/l	78
-----	-----	-----	-----	-----	-----	-----

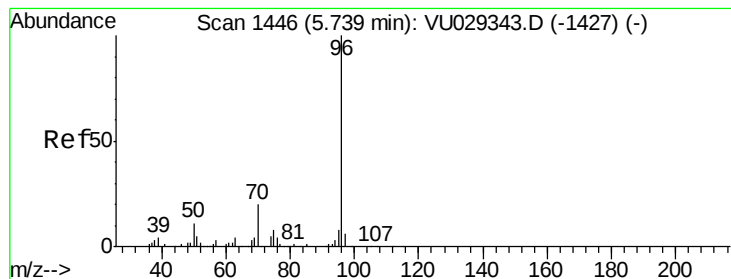
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU020819\
Data File : VU029375.D
Acq On : 08 Feb 2019 12:30
Operator : JC/SP
Sample : K1161-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

Quant Time: Feb 18 12:07:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU029375.D

Acq: 08 Feb 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS

Tot Ion: 96 Resp: 55175

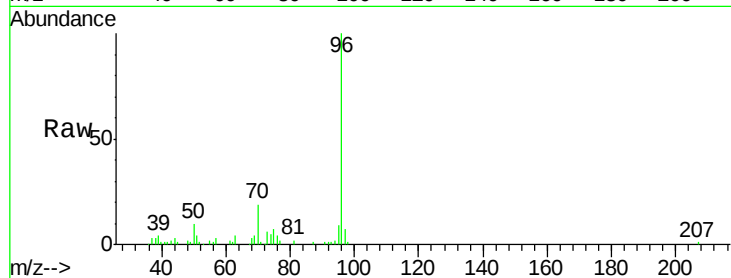
Ion Ratio Lower Upper

96 100

70 17.7 16.2 24.2

95 9.2 7.4 11.2

97 6.9 0.0 0.0#

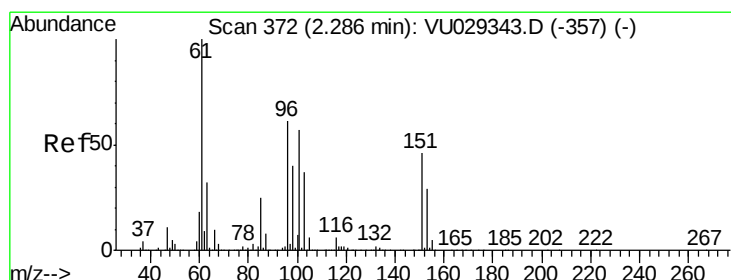
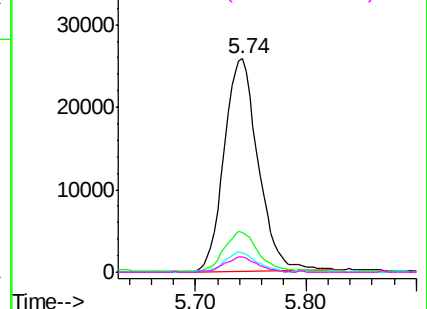
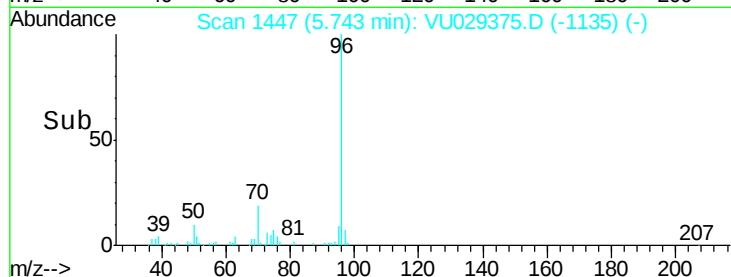


Abundance Ion 96.00 (95.70 to 96.70): VU029343.D (-1427) (-)

Ion 70.00 (69.70 to 70.70): VU029343.D (-1427) (-)

Ion 95.00 (94.70 to 95.70): VU029343.D (-1427) (-)

Ion 97.00 (96.70 to 97.70): VU029343.D (-1427) (-)



#8

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

Concen: 51.379 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU029375.D

Acq: 08 Feb 2019 12:30

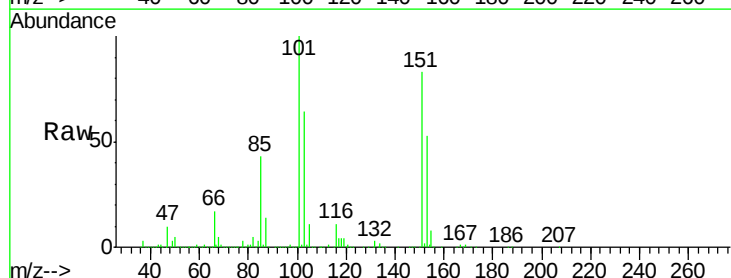
Tgt Ion: 101 Resp: 835674

Ion Ratio Lower Upper

101 100

85 43.1 40.3 60.5

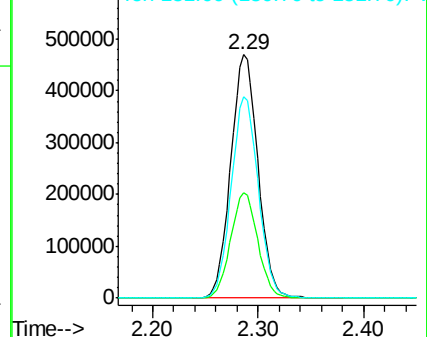
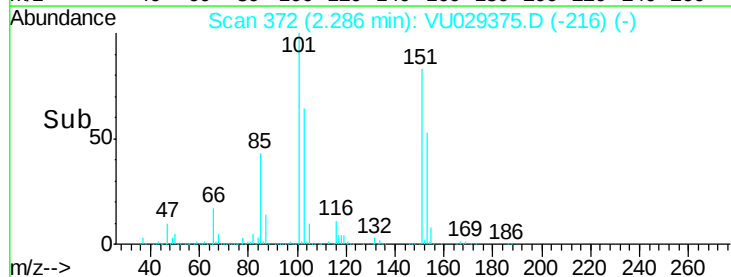
151 82.7 58.1 87.1

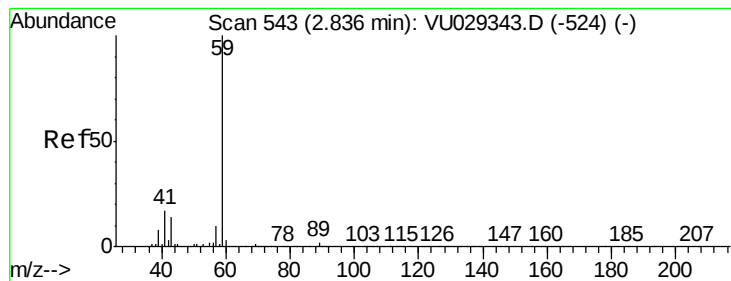


Abundance Ion 101.00 (100.70 to 101.70): VU029343.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU029343.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU029343.D (-357) (-)





#24

tert-Butyl Alcohol

Concen: 44.044 ug/l

RT: 2.84 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU029375.D

Acq: 08 Feb 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

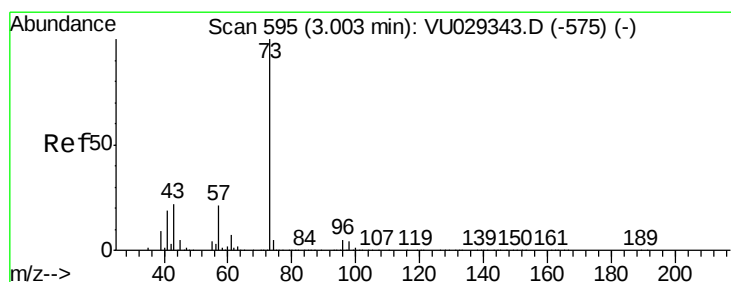
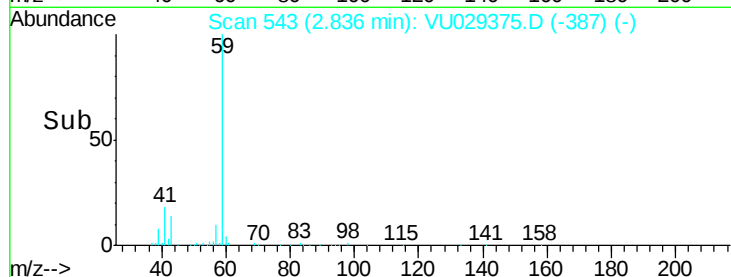
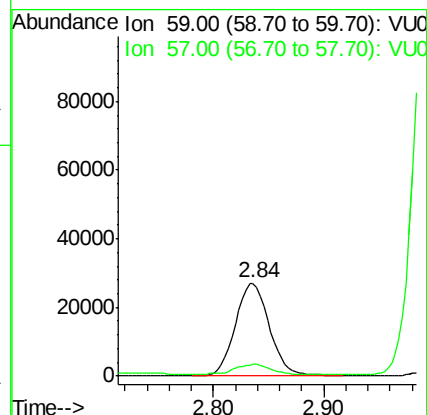
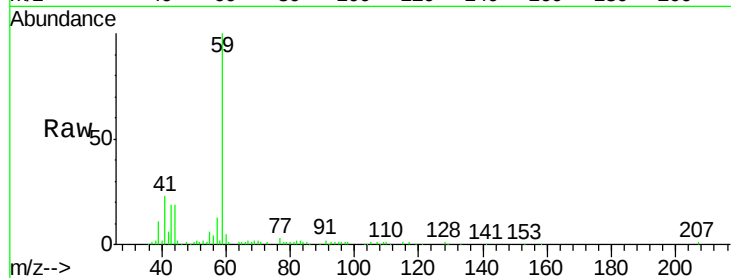
PT-ADD-WS

Tot Ion: 59 Resp: 58503

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#25

Methyl tert-Butyl Ether

Concen: 41.164 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029375.D

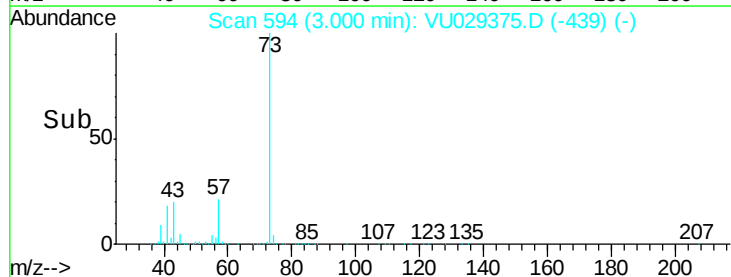
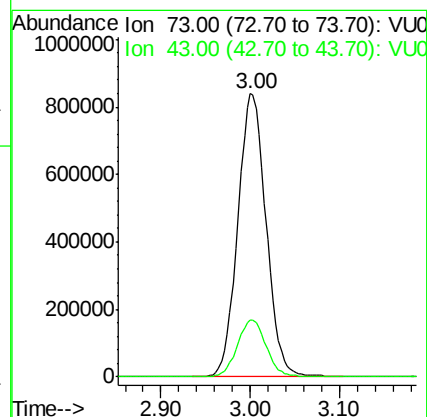
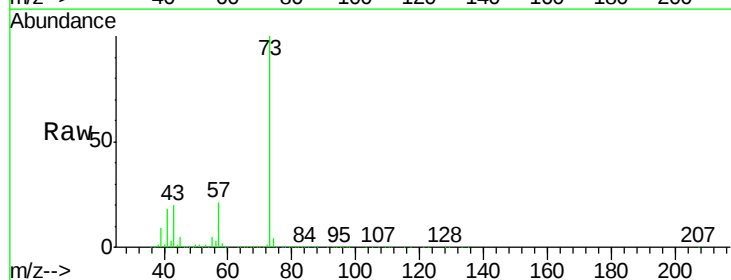
Acq: 08 Feb 2019 12:30

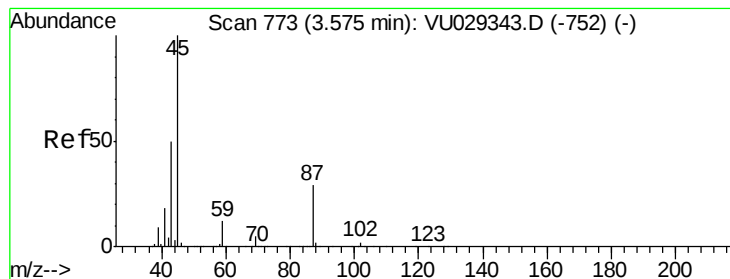
Tgt Ion: 73 Resp: 1844841

Ion Ratio Lower Upper

73 100

43 20.1 22.1 33.1#





#31

Isopropyl Ether

Concen: 43.280 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU029375.D

Acq: 08 Feb 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

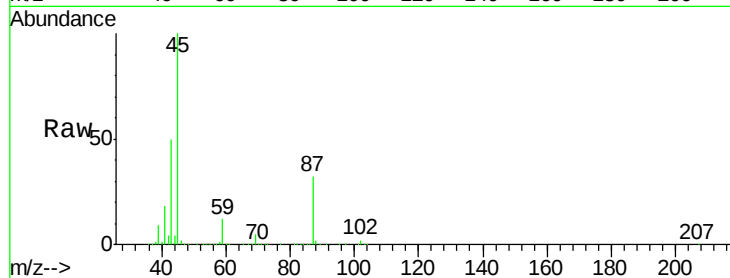
PT-ADD-WS

Tot Ion: 45 Resp: 1842052

Ion Ratio Lower Upper

45 100

43 50.1 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

3.58

800000

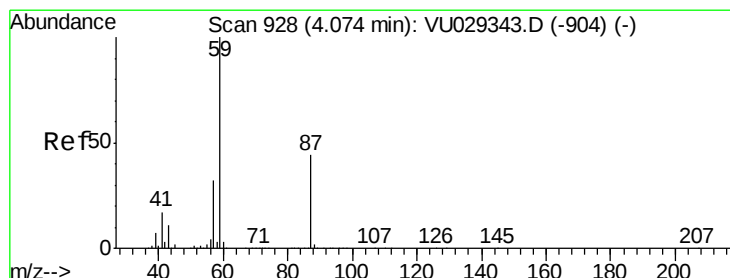
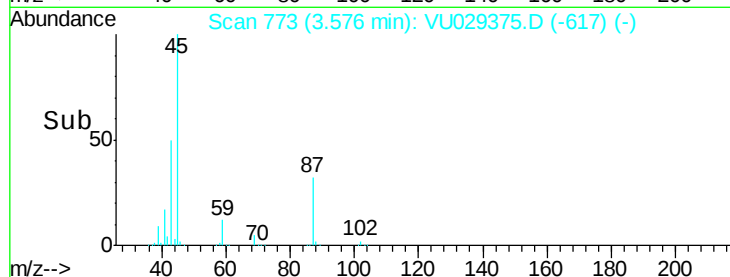
600000

400000

200000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 41.405 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029375.D

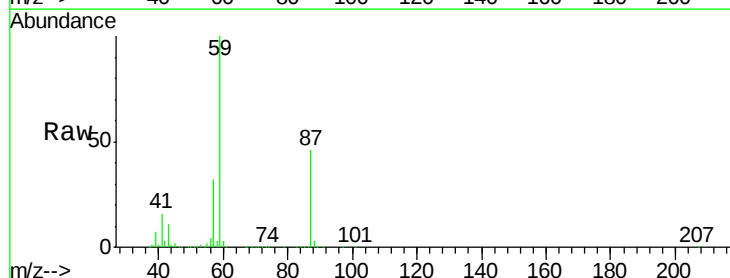
Acq: 08 Feb 2019 12:30

Tgt Ion: 59 Resp: 1765936

Ion Ratio Lower Upper

59 100

87 46.0 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

4.07

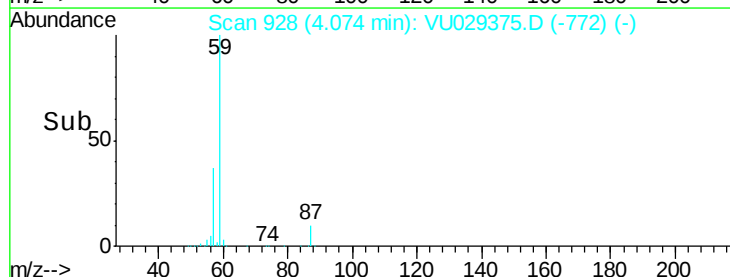
600000

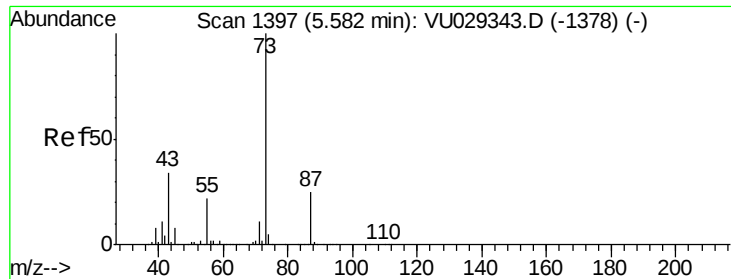
400000

200000

0

Time-->

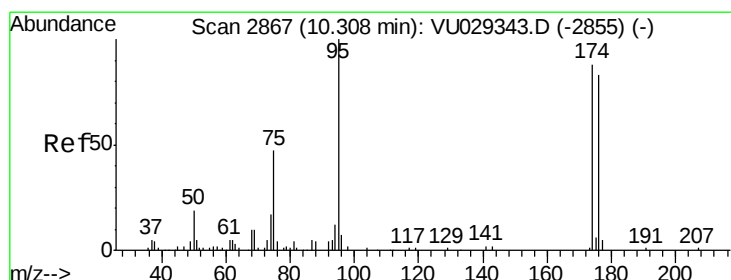
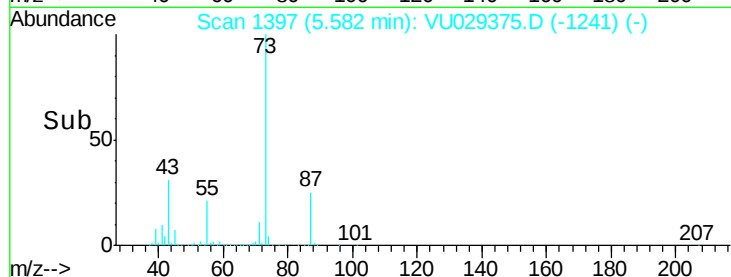
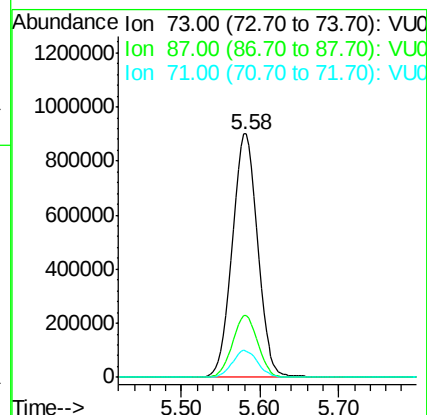
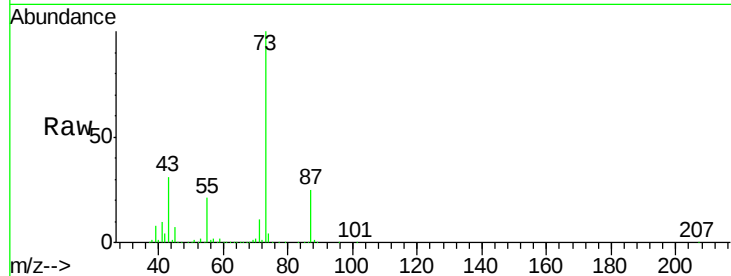




#33
Tert-Butyl methyl ether
Concen: 51.925 ug/l
RT: 5.58 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU029375.D
Acq: 08 Feb 2019 12:30

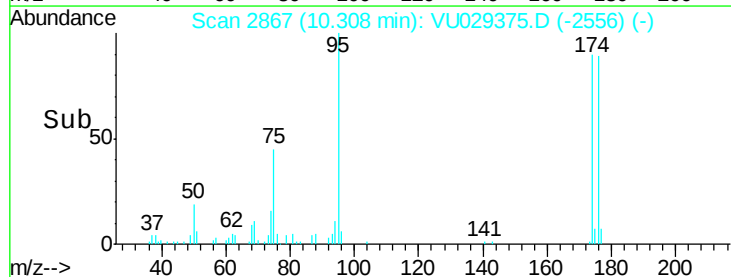
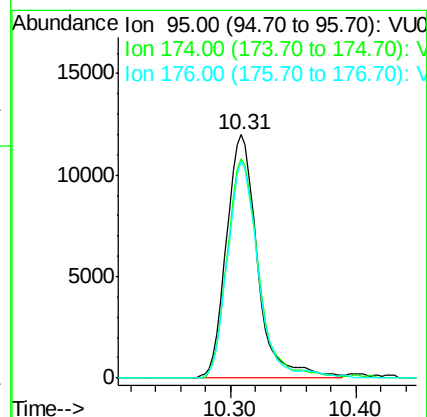
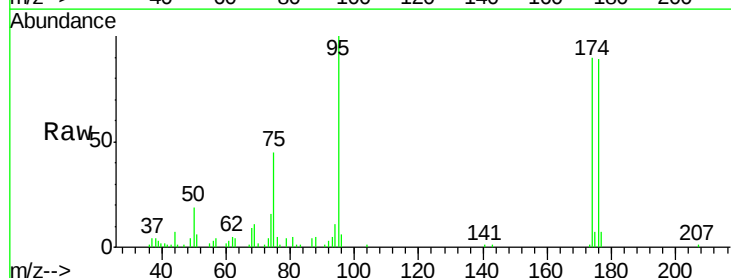
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

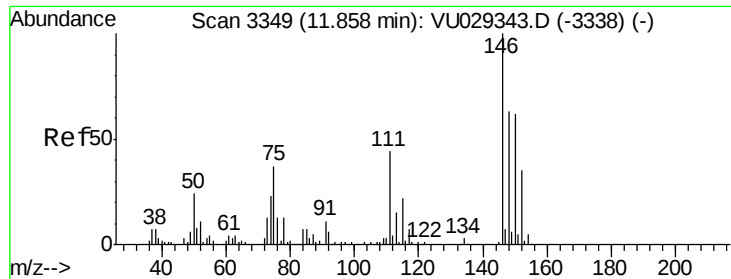
Tot Ion: 73 Resp: 2002510
Ion Ratio Lower Upper
73 100
87 25.3 19.4 29.0
71 11.0 9.0 13.4



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029375.D
Acq: 08 Feb 2019 12:30

Tgt Ion: 95 Resp: 20638
Ion Ratio Lower Upper
95 100
174 91.3 64.2 96.2
176 85.8 62.3 93.5





#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU029375.D

Acq: 08 Feb 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS

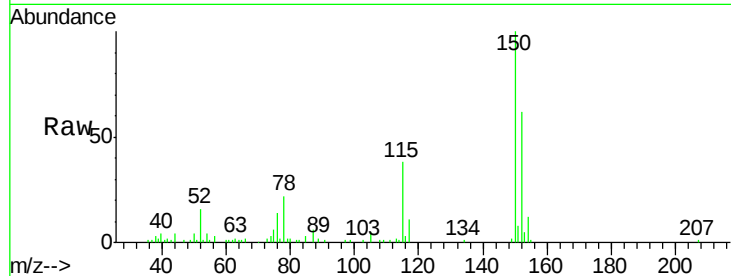
Tot Ion:152 Resp: 21641

Ion Ratio Lower Upper

152 100

115 60.8 0.0 133.4

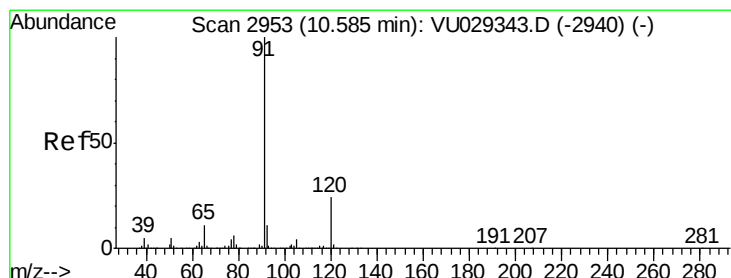
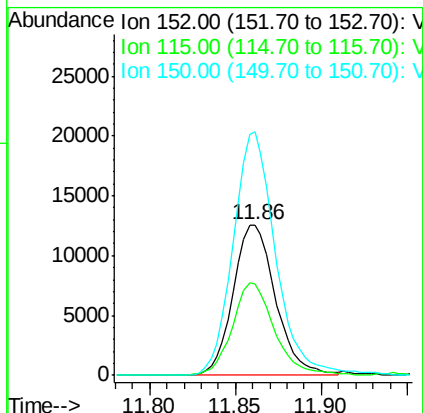
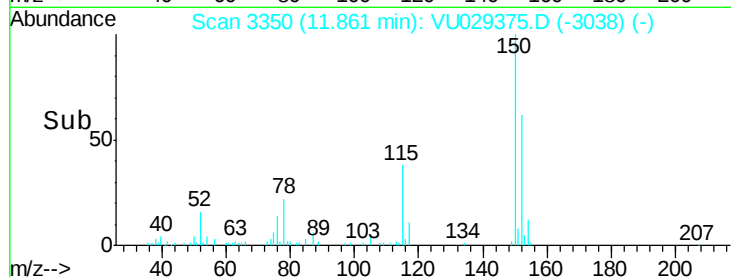
150 162.4 0.0 670.8



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#73

n-propylbenzene

Concen: 42.679 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU029375.D

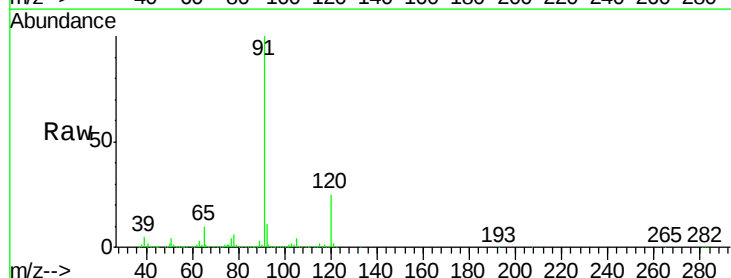
Acq: 08 Feb 2019 12:30

Tgt Ion:120 Resp: 925669

Ion Ratio Lower Upper

120 100

91 404.9 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

