

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029376.D
 Acq On : 08 Feb 2019 13:34
 Operator : JC/SP
 Sample : K1161-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Quant Time: Feb 09 03:35:58 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

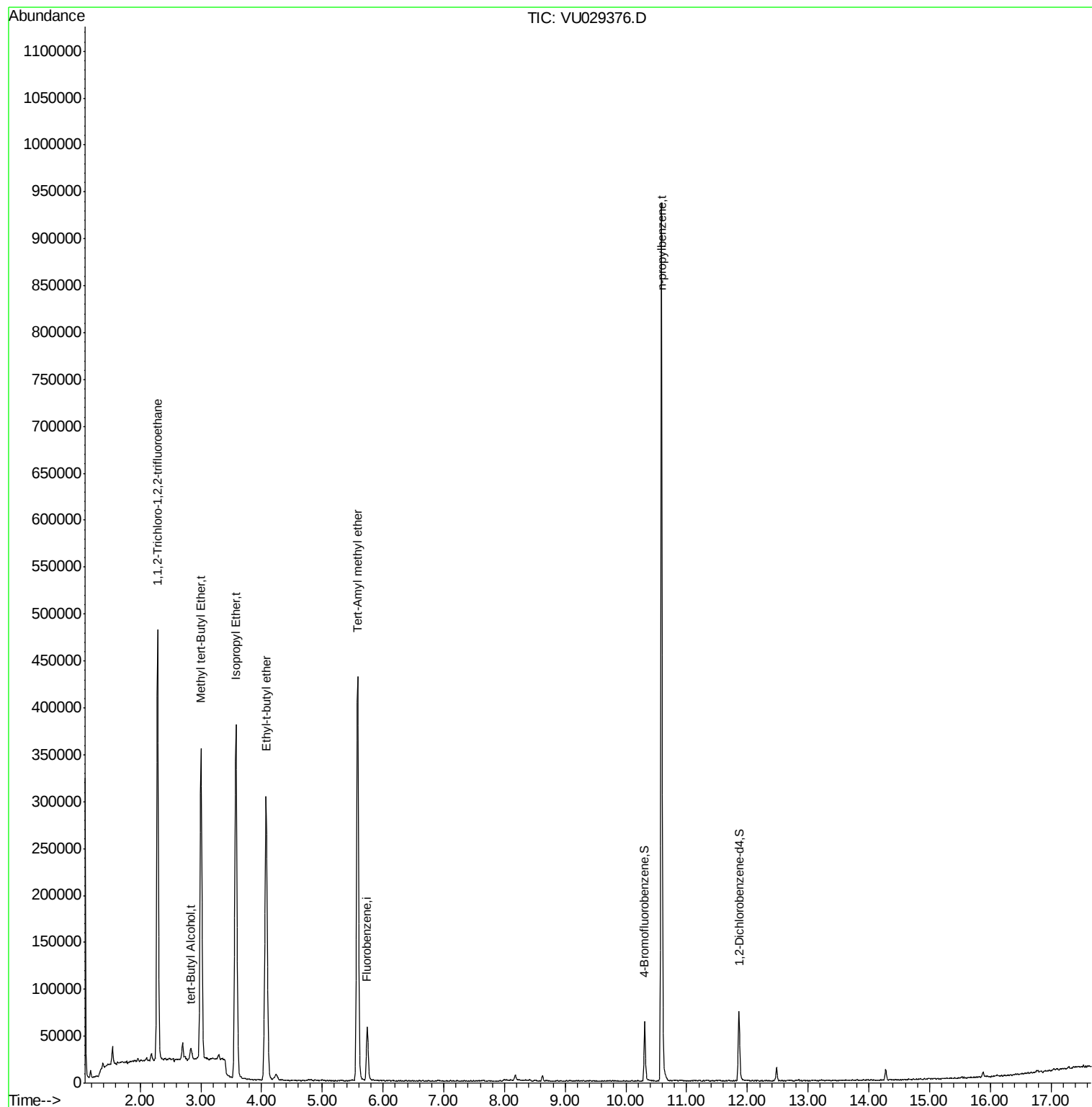
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	58984	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21690	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	23613	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						
					Ovalue	
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	170824	9.824	ug/l	88
24) tert-Butyl Alcohol	2.84	59	13733	9.671	ug/l #	71
25) Methyl tert-Butyl Ether	3.00	73	374554	7.818	ug/l #	86
31) Isopropyl Ether	3.58	45	377584	8.299	ug/l	91
32) Ethyl-t-butyl ether	4.07	59	354238	7.769	ug/l #	87
33) Tert-Amyl methyl ether	5.58	73	403416	9.785	ug/l	98
73) n-propylbenzene	10.58	120	182233	7.859	ug/l	79
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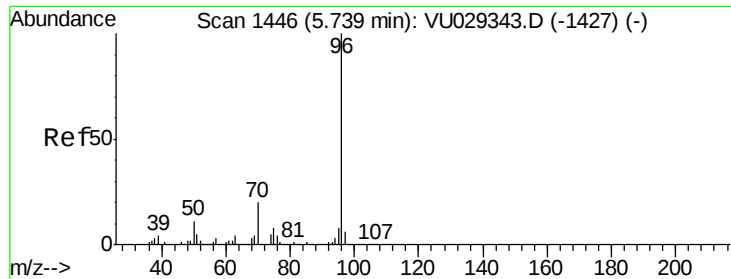
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU029376.D

Acq: 08 Feb 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WSDL

Tot Ion: 96 Resp: 58984

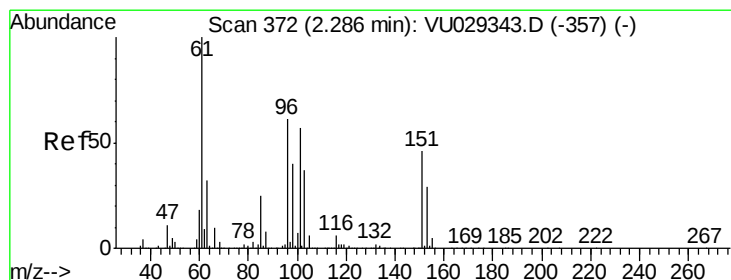
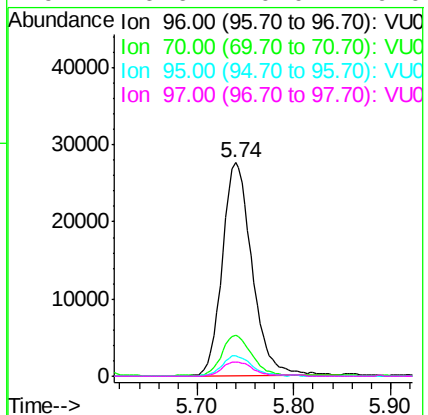
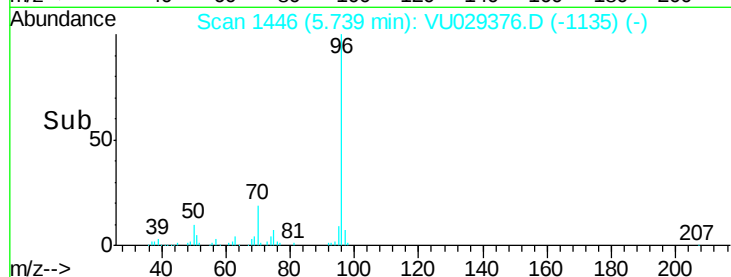
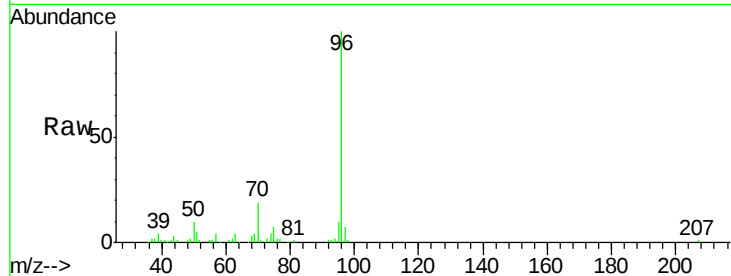
Ion Ratio Lower Upper

96 100

70 18.9 16.2 24.2

95 9.7 7.4 11.2

97 6.6 0.0 0.0#



#8

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

Concen: 9.824 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU029376.D

Acq: 08 Feb 2019 13:34

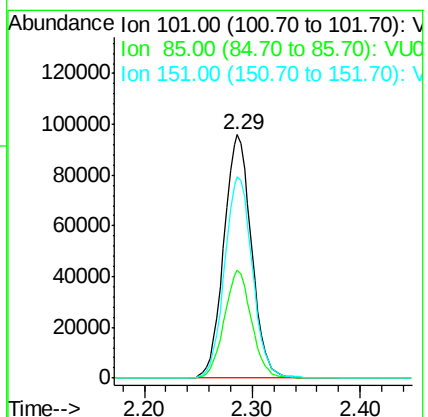
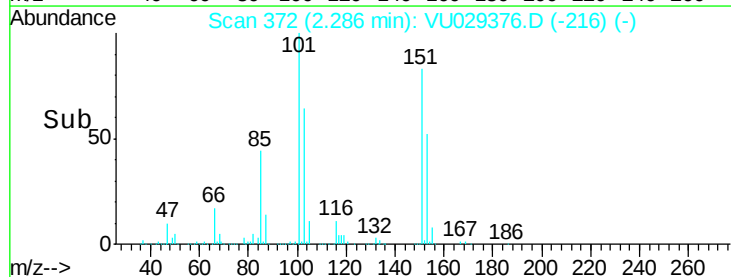
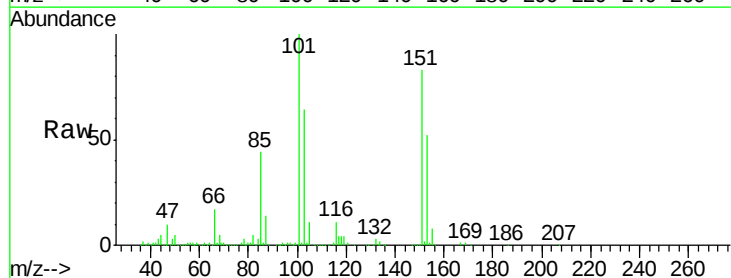
Tgt Ion: 101 Resp: 170824

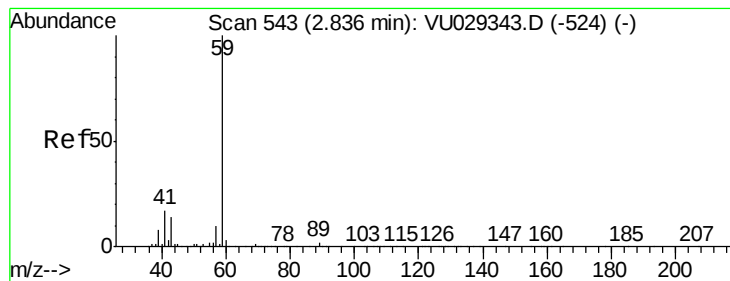
Ion Ratio Lower Upper

101 100

85 43.0 40.3 60.5

151 82.9 58.1 87.1





#24

tert-Butyl Alcohol

Concen: 9.671 ug/l

RT: 2.84 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU029376.D

Acq: 08 Feb 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

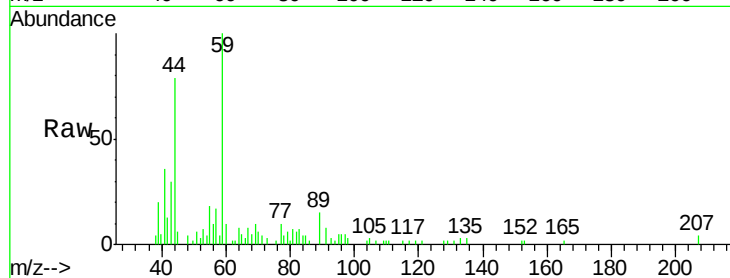
PT-ADD-WSDL

Tot Ion: 59 Resp: 13733

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

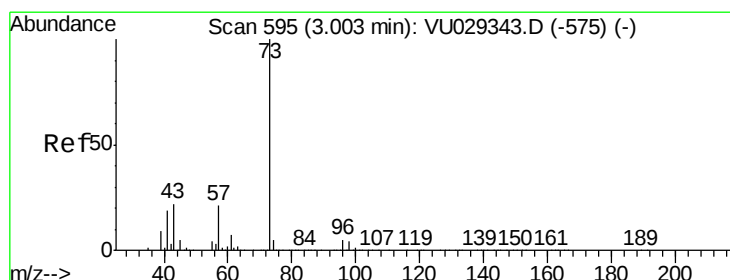
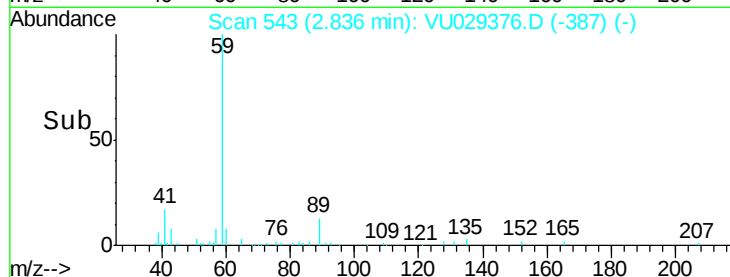
6000

4000

2000

0

Time--> 2.75 2.80 2.85 2.90



#25

Methyl tert-Butyl Ether

Concen: 7.818 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029376.D

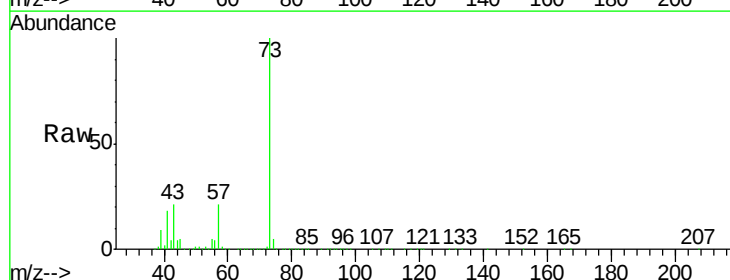
Acq: 08 Feb 2019 13:34

Tgt Ion: 73 Resp: 374554

Ion Ratio Lower Upper

73 100

43 20.2 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

3.00

200000

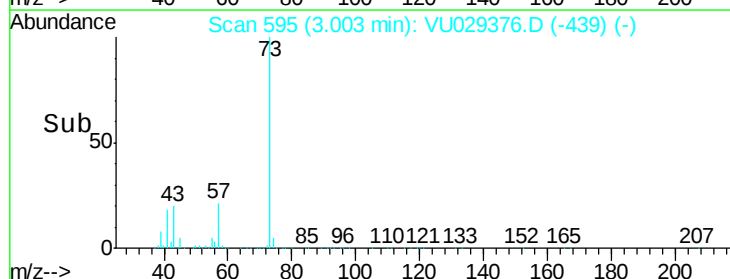
150000

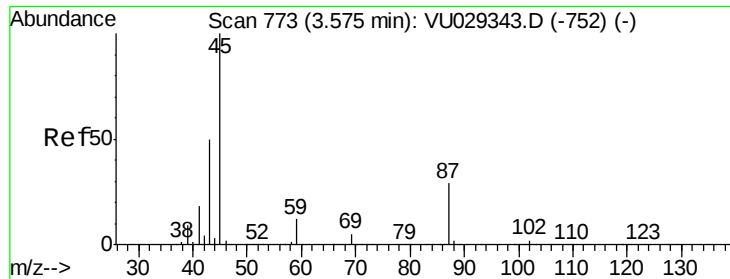
100000

50000

0

Time--> 2.90 3.00 3.10





#31

Isopropyl Ether

Concen: 8.299 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU029376.D

Acq: 08 Feb 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

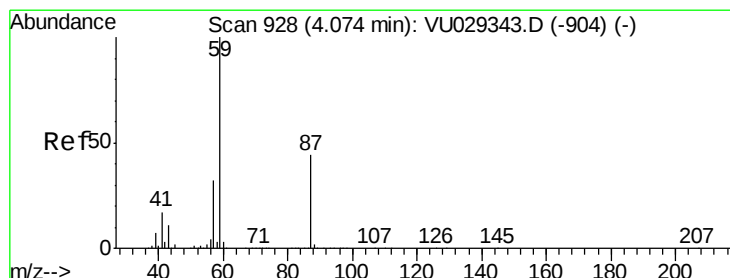
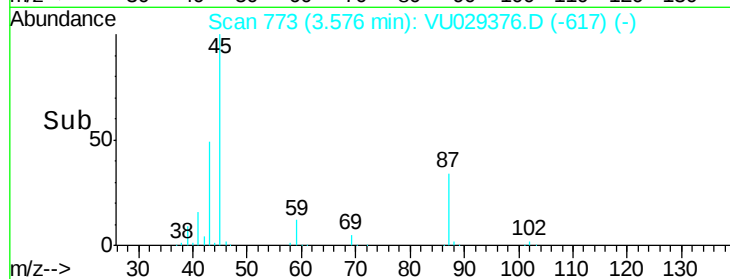
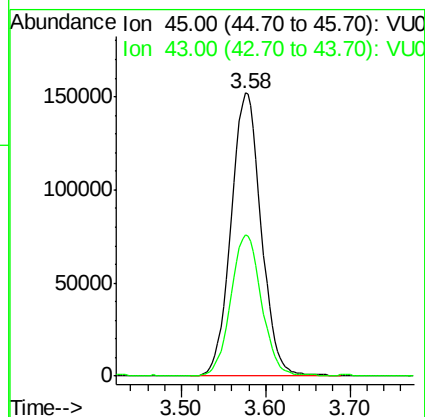
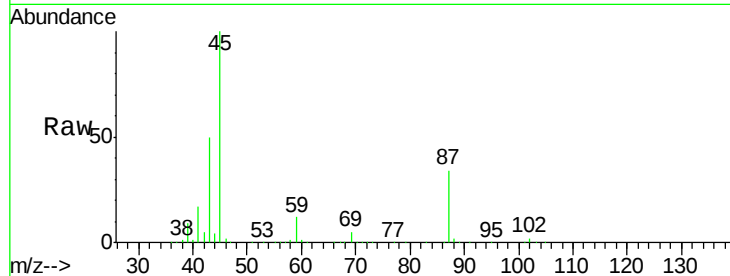
PT-ADD-WSDL

Tot Ion: 45 Resp: 377584

Ion Ratio Lower Upper

45 100

43 50.0 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 7.769 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029376.D

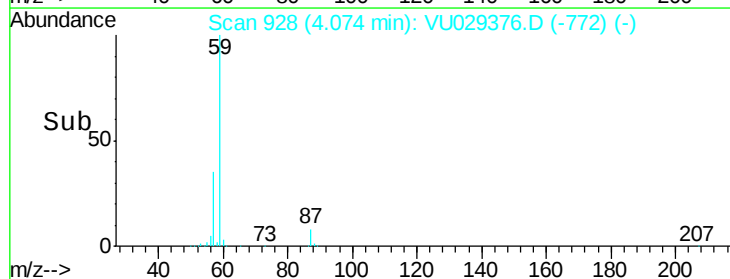
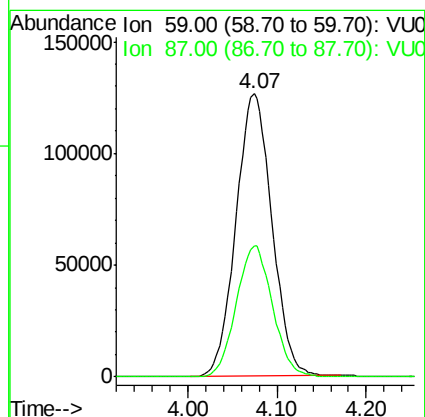
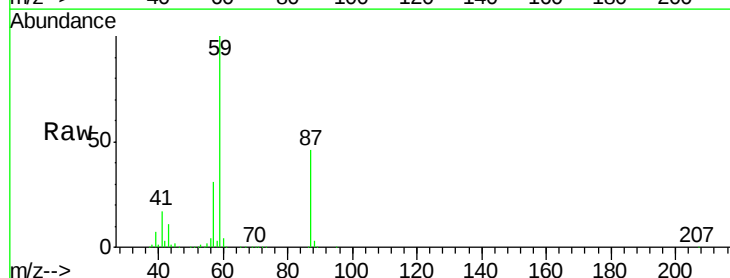
Acq: 08 Feb 2019 13:34

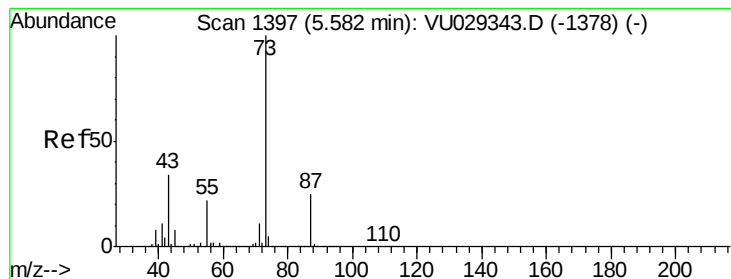
Tgt Ion: 59 Resp: 354238

Ion Ratio Lower Upper

59 100

87 46.7 31.1 46.7#



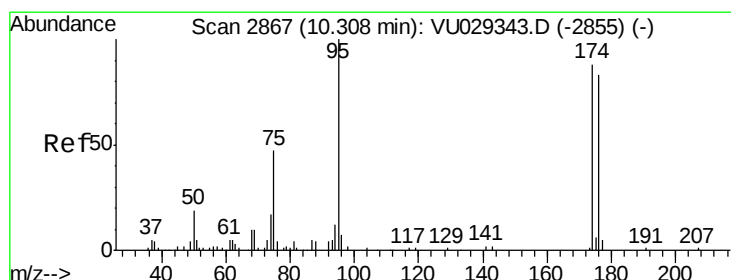
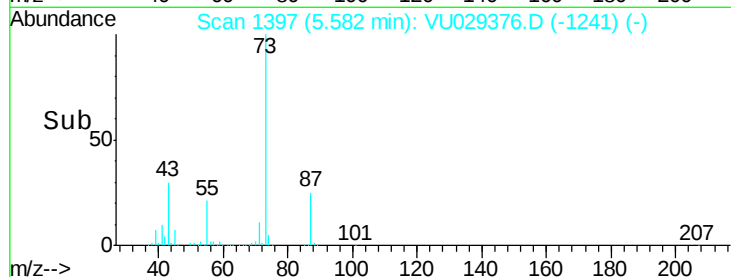
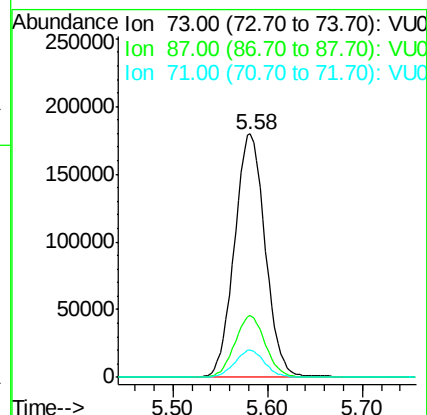
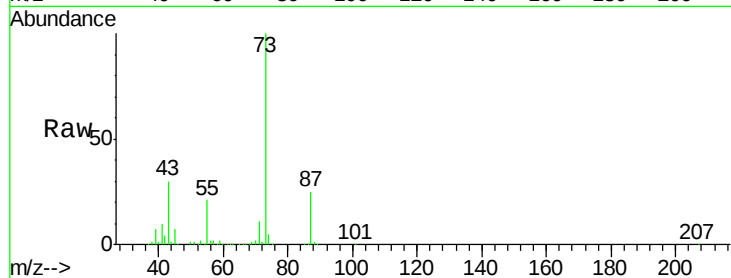


#33

Tert-Butyl methyl ether
 Concen: 9.785 ug/l
 RT: 5.58 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU029376.D
 Acq: 08 Feb 2019 13:34

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

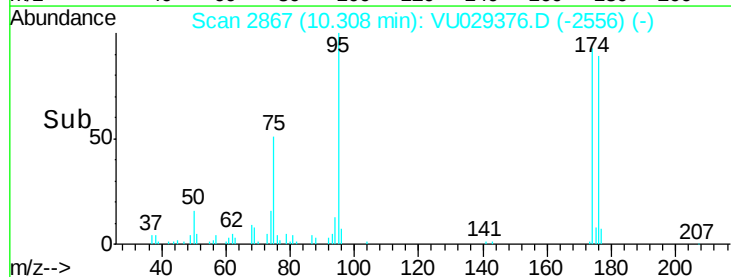
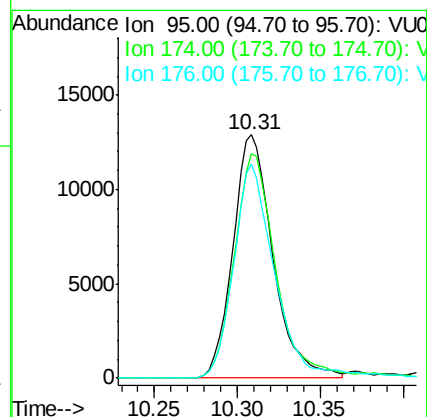
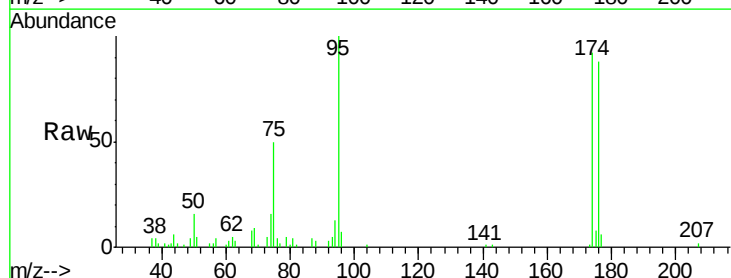
Tot Ion	Ratio	Lower	Upper
73	100		
87	25.3	19.4	29.0
71	11.0	9.0	13.4

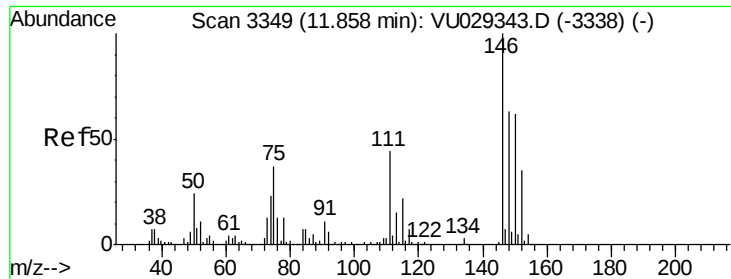


#57

4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 10.31 min Scan# 2867
 Delta R.T. 0.00 min
 Lab File: VU029376.D
 Acq: 08 Feb 2019 13:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	64.2	96.2
176	90.7	62.3	93.5

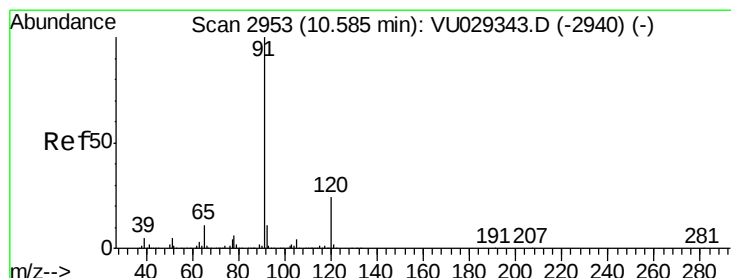
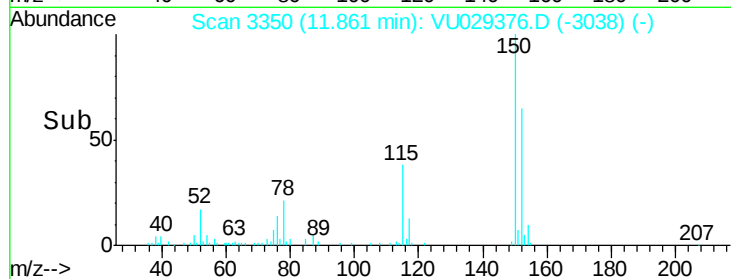
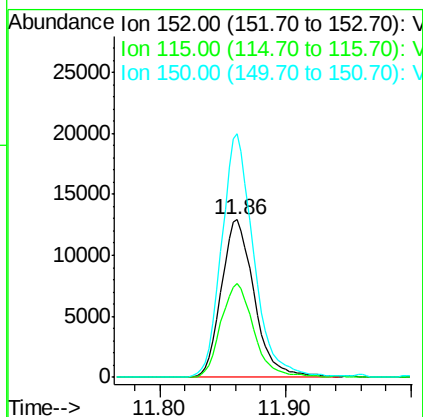
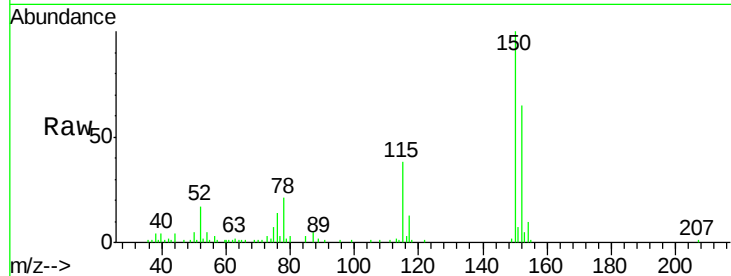




#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU029376.D
 Acq: 08 Feb 2019 13:34

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Tot Ion:152 Resp: 23613
 Ion Ratio Lower Upper
 152 100
 115 59.0 0.0 133.4
 150 149.8 0.0 670.8



#73
 n-propylbenzene
 Concen: 7.859 ug/l
 RT: 10.58 min Scan# 2953
 Delta R.T. 0.00 min
 Lab File: VU029376.D
 Acq: 08 Feb 2019 13:34

Tgt Ion:120 Resp: 182233
 Ion Ratio Lower Upper
 120 100
 91 408.6 370.0 555.0

