

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029876.D
 Acq On : 08 Mar 2019 09:39
 Operator : JC/SP
 Sample : VU0310WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBL01

Quant Time: Mar 08 21:43:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

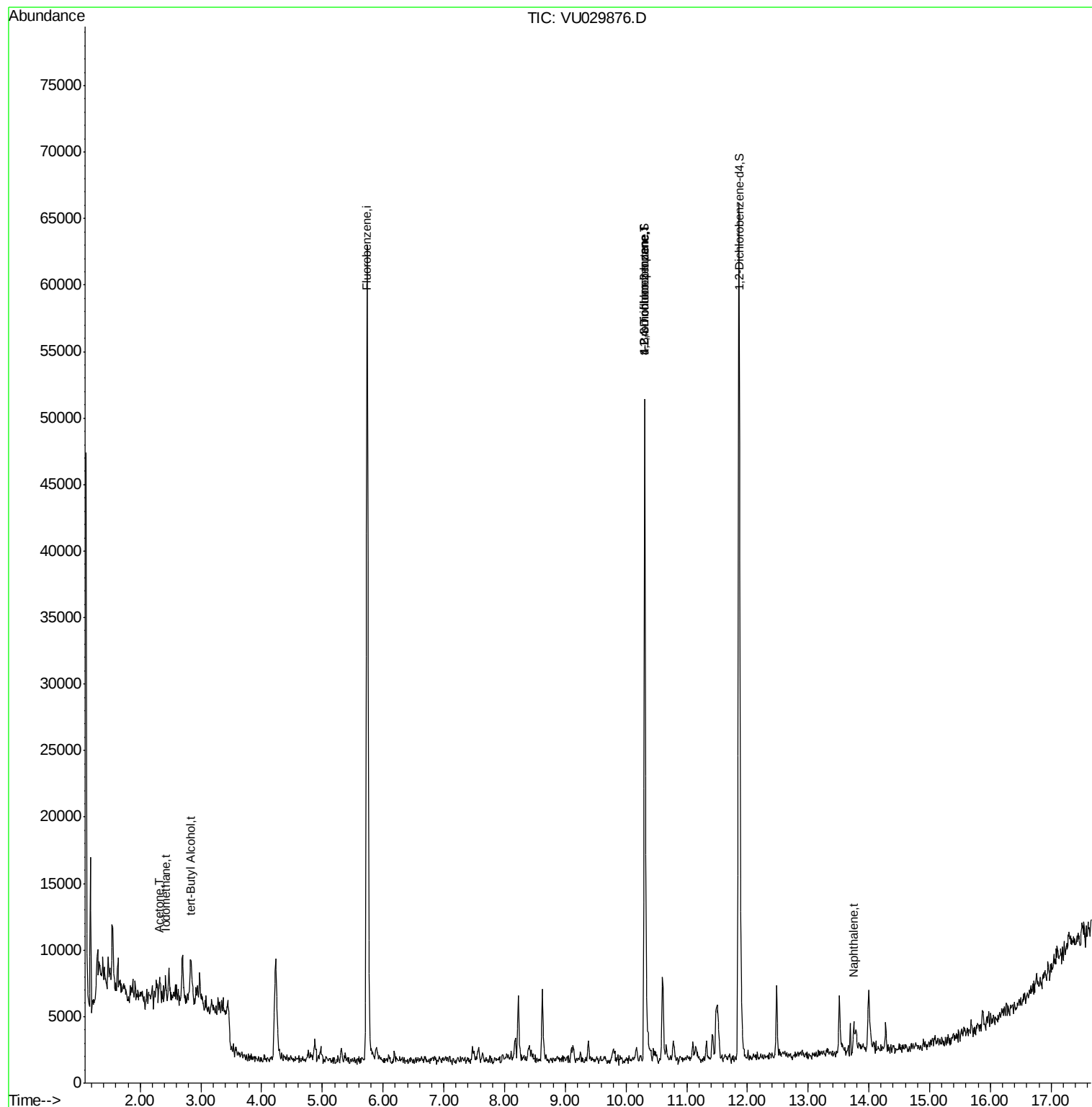
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	62527	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19048	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21409	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
Target Compounds					Qvalue	
10) Iodomethane	2.41	142	1351	0.652	ug/l #	87
13) Acetone	2.32	43	599	0.204	ug/l #	83
24) tert-Butyl Alcohol	2.83	59	1785	1.419	ug/l #	72
46) t-1,4-Dichloro-2-butene	10.31	75	8704	2.202	ug/l #	24
71) 1,2,3-Trichloropropane	10.31	75	8704	0.716	ug/l #	49
89) Naphthalene	13.75	128	4152	0.538	ug/l #	77
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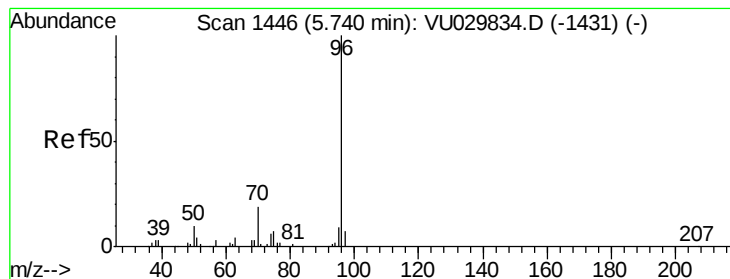
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VU0310WBL01

Tgt Ion: 96 Resp: 62527

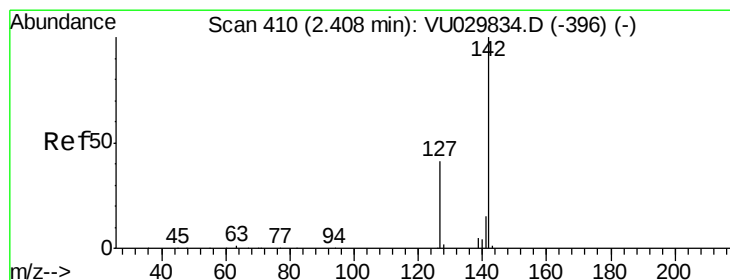
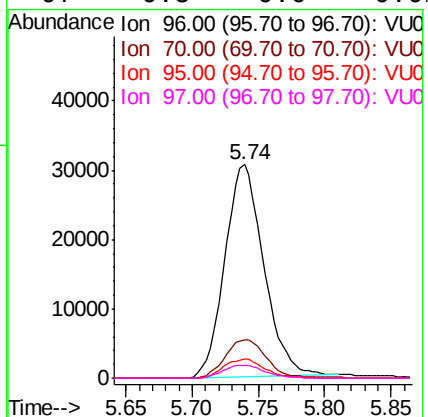
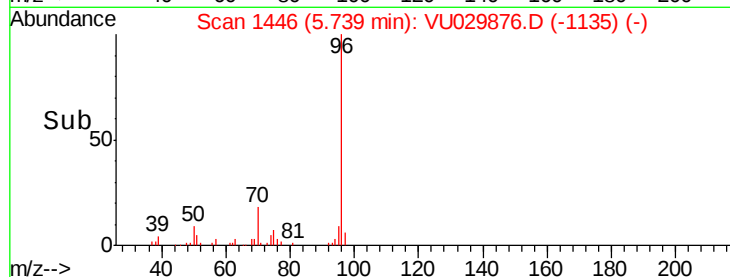
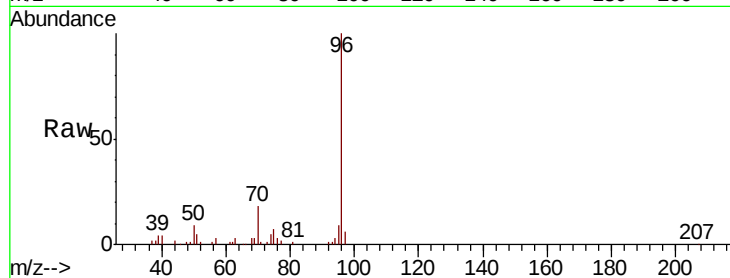
Ion Ratio Lower Upper

96 100

70 19.3 14.4 21.6

95 8.9 7.0 10.6

97 6.5 0.0 0.0#



#10

Iodomethane

Concen: 0.652 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029876.D

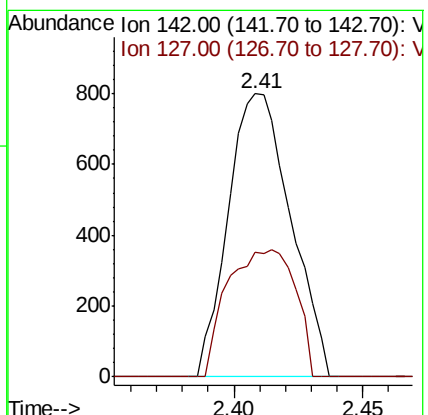
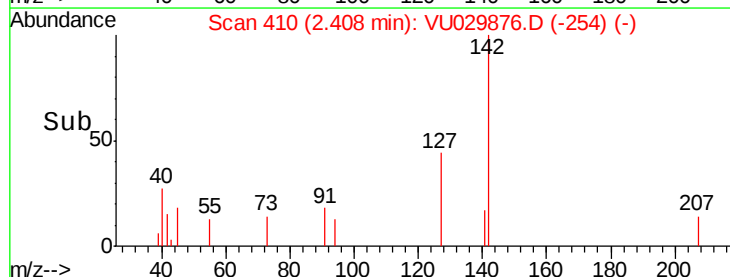
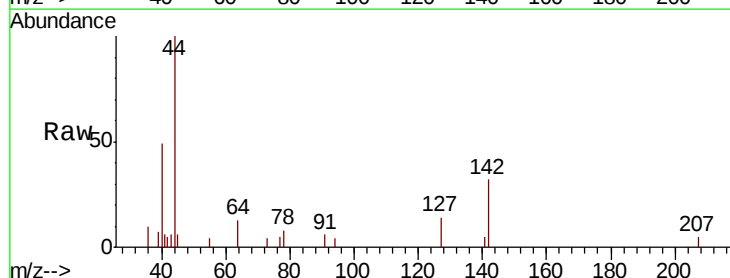
Acq: 08 Mar 2019 09:39

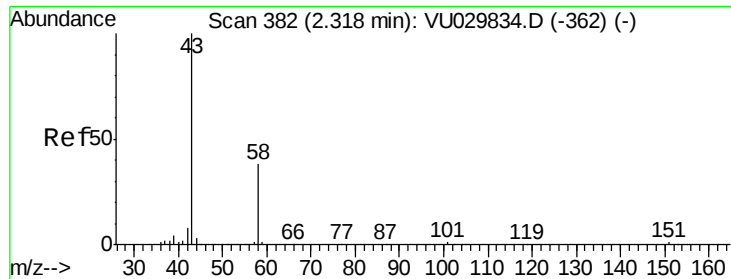
Tgt Ion: 142 Resp: 1351

Ion Ratio Lower Upper

142 100

127 48.7 32.3 48.5#





#13

Acetone

Concen: 0.204 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029876.D

Acq: 08 Mar 2019 09:39

Instrument :

MSVOA_U

ClientSampleId :

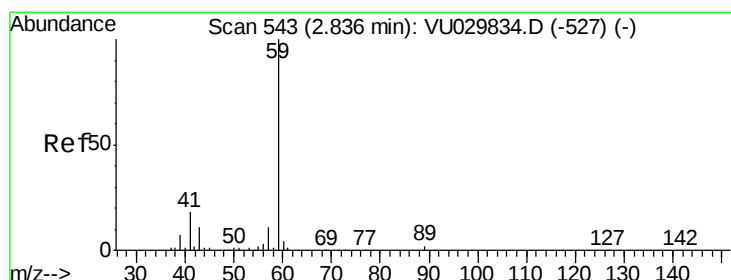
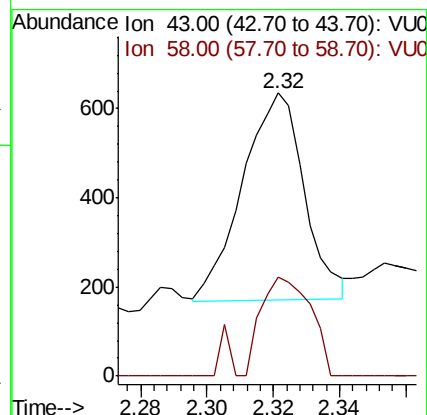
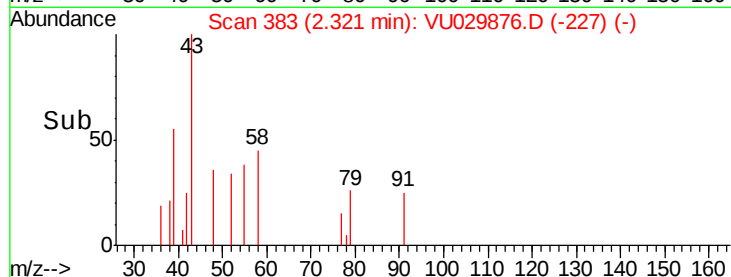
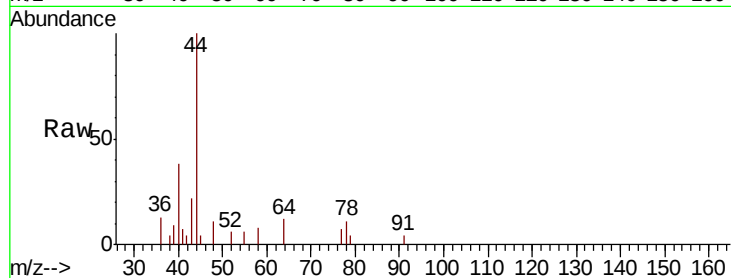
VU0310WBL01

Tgt Ion: 43 Resp: 599

Ion Ratio Lower Upper

43 100

58 47.9 30.2 45.2#



#24

tert-Butyl Alcohol

Concen: 1.419 ug/l

RT: 2.83 min Scan# 541

Delta R.T. -0.01 min

Lab File: VU029876.D

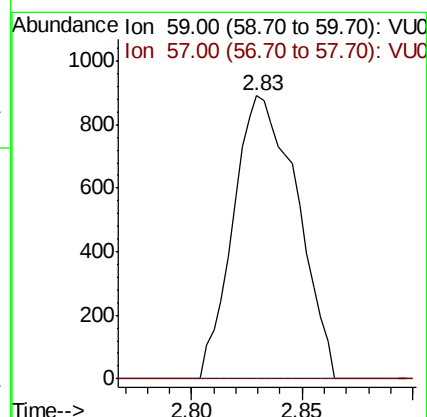
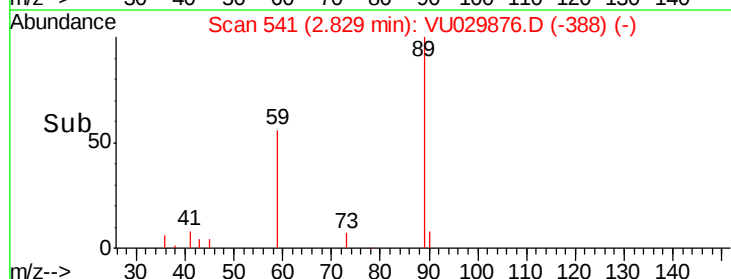
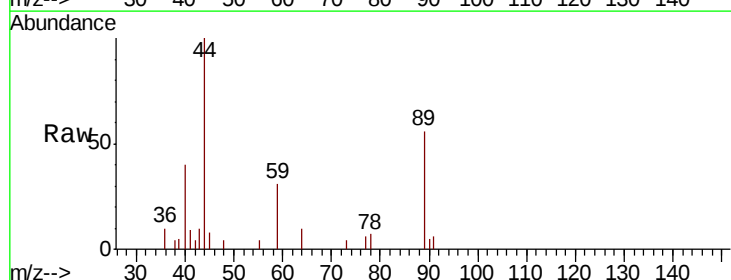
Acq: 08 Mar 2019 09:39

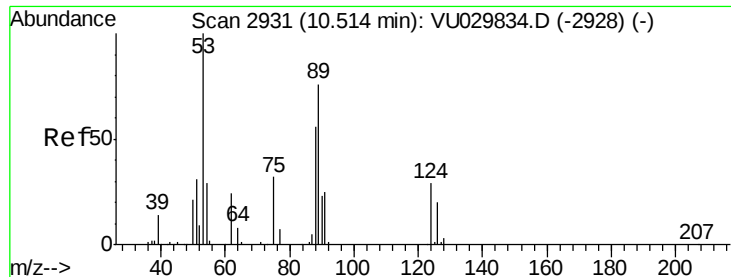
Tgt Ion: 59 Resp: 1785

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

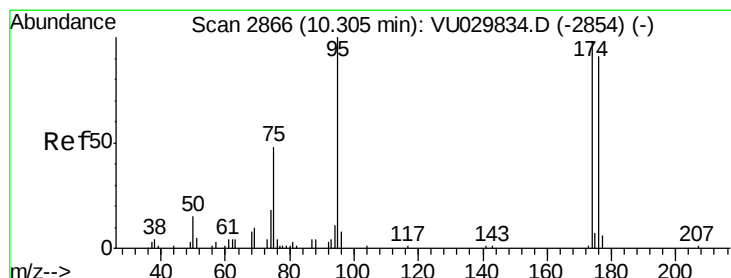
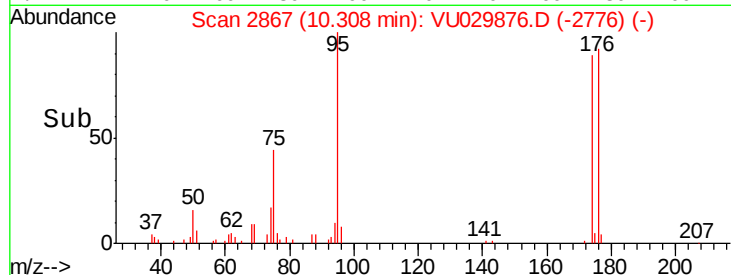
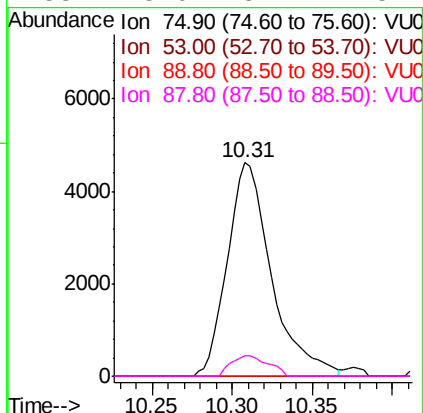
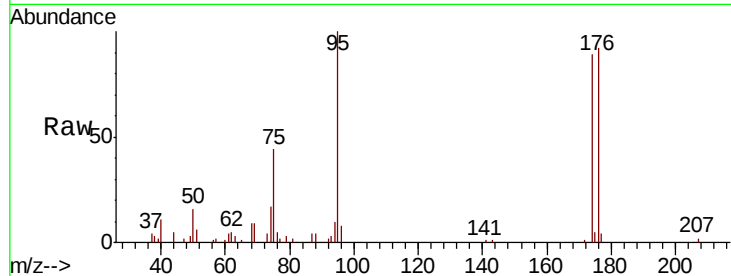




#46
t-1,4-Dichloro-2-butene
Concen: 2.202 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.21 min
Lab File: VU029876.D
Acq: 08 Mar 2019 09:39

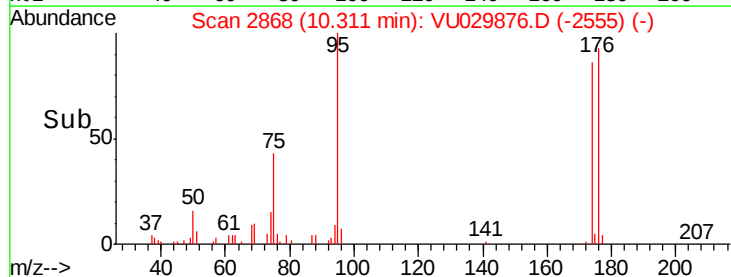
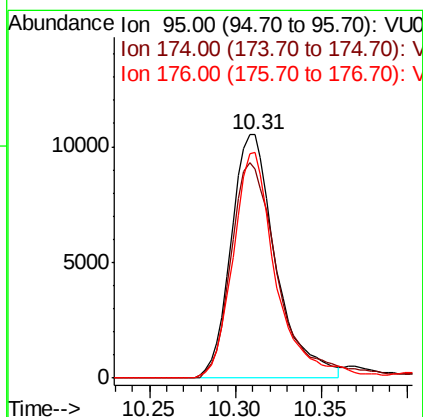
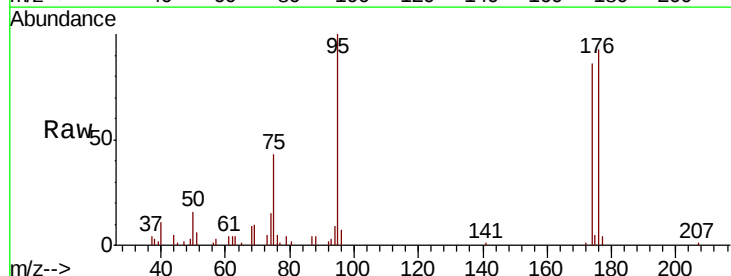
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBL01

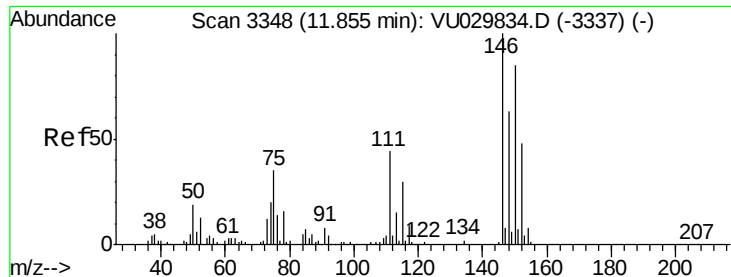
Tgt Ion: 75 Resp: 8704
Ion Ratio Lower Upper
75 100
53 0.0 59.2 88.8#
89 0.0 44.9 67.3#
88 8.0 32.2 48.2#



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2868
Delta R.T. 0.01 min
Lab File: VU029876.D
Acq: 08 Mar 2019 09:39

Tgt Ion: 95 Resp: 19048
Ion Ratio Lower Upper
95 100
174 93.9 76.5 114.7
176 89.6 74.2 111.2

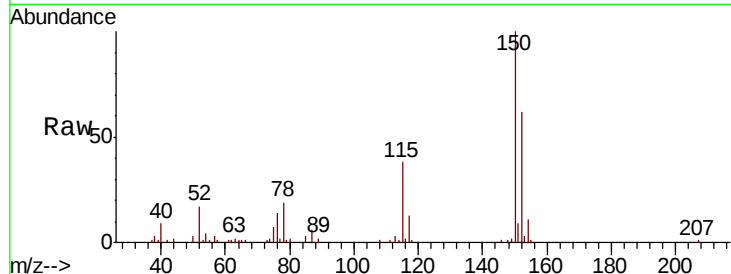




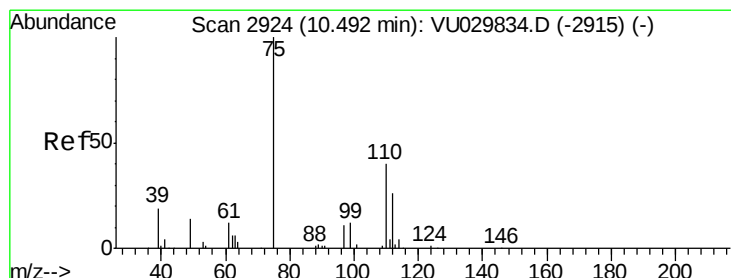
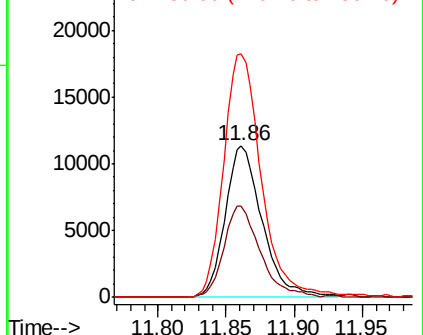
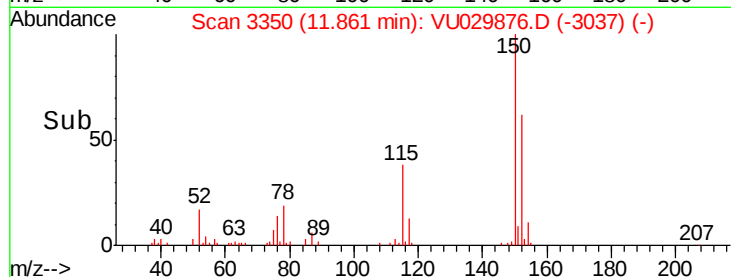
#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.01 min
 Lab File: VU029876.D
 Acq: 08 Mar 2019 09:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBL01

Tgt Ion:152 Resp: 21409
 Ion Ratio Lower Upper
 152 100
 115 59.3 0.0 124.0
 150 163.3 0.0 631.2

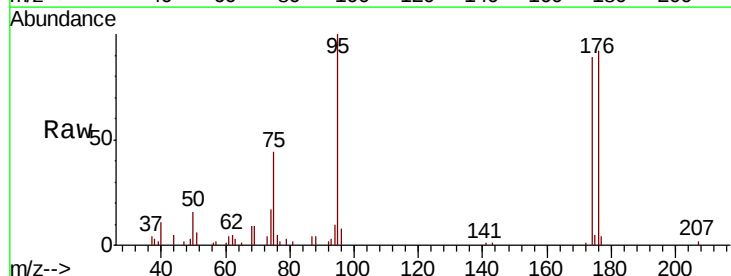


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

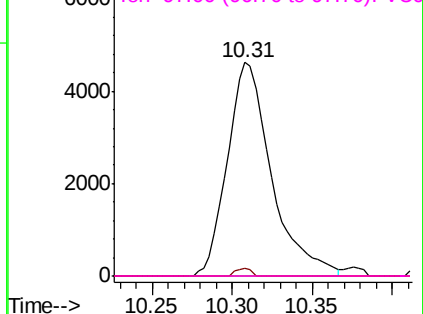
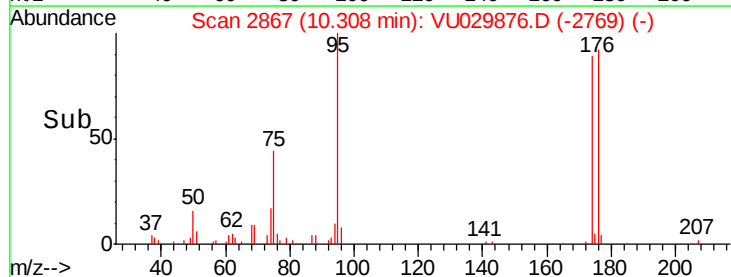


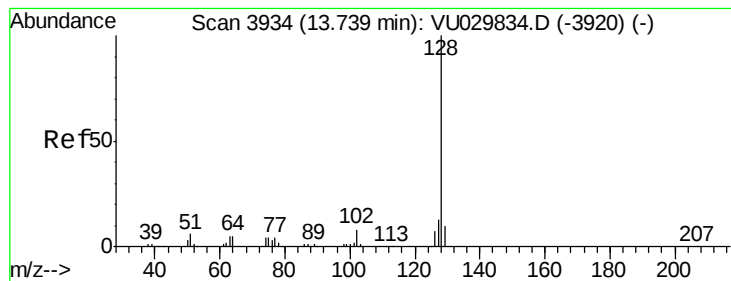
#71
 1,2,3-Trichloropropane
 Concen: 0.716 ug/l
 RT: 10.31 min Scan# 2867
 Delta R.T. -0.18 min
 Lab File: VU029876.D
 Acq: 08 Mar 2019 09:39

Tgt Ion: 75 Resp: 8704
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 16.4
 110 0.0 0.0 74.8
 97 0.0 0.0 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0





#89
Naphthalene
Concen: 0.538 ug/l
RT: 13.75 min Scan# 3938
Delta R.T. 0.01 min
Lab File: VU029876.D
Acq: 08 Mar 2019 09:39

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBL01

Tgt Ion:128 Resp: 4152
Ion Ratio Lower Upper
128 100
127 2.7 10.2 15.4#
129 3.2 8.2 12.4#

