

Data File : VU029845.D  
Acq On : 07 Mar 2019 10:20  
Operator : JC/SP  
Sample : VU0308WBL01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0308WBL01

Quant Time: Mar 08 01:08:20 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

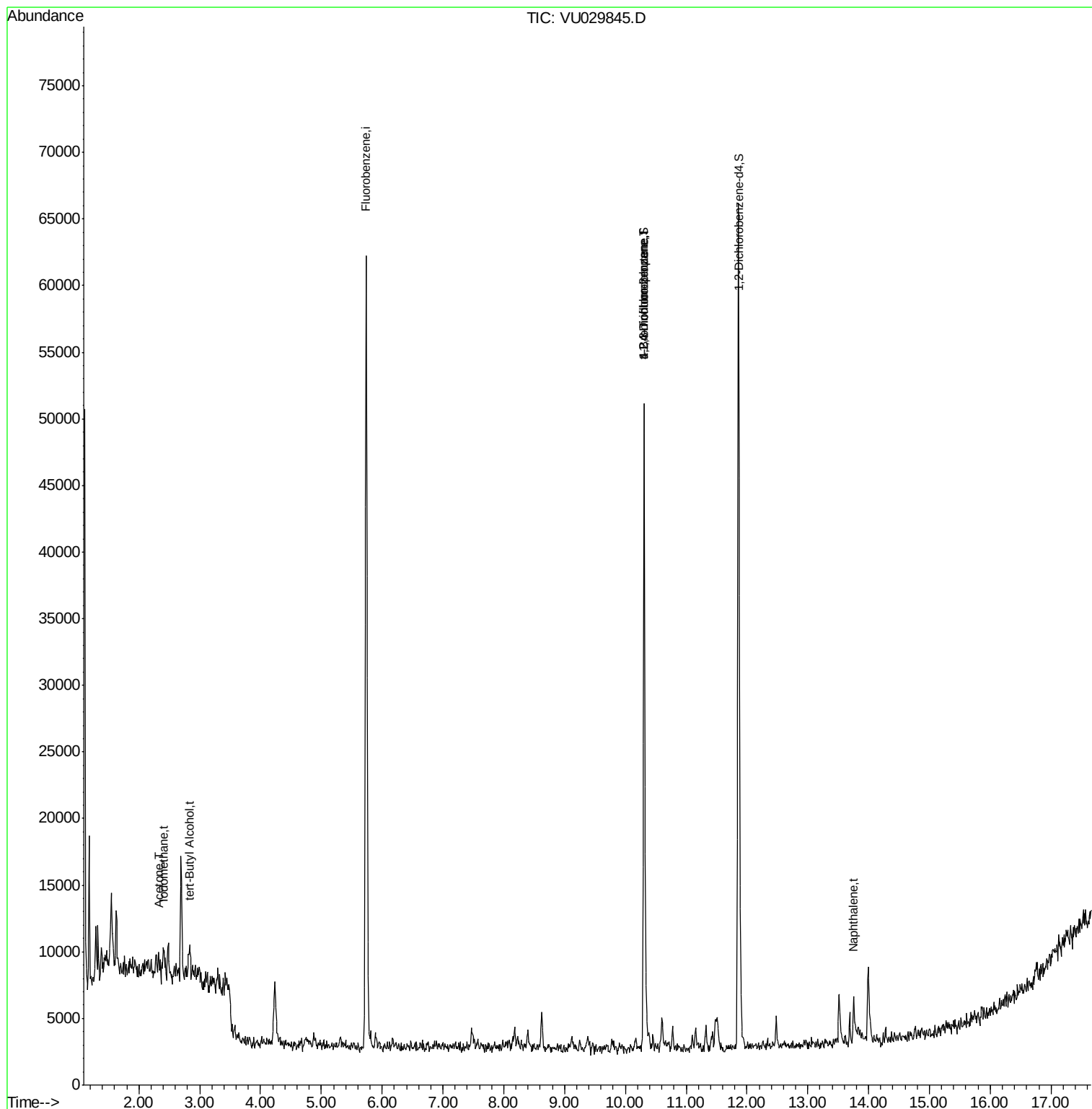
| Internal Standards          | R.T.  | QIon  | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|-------|----------|-------|--------|----------|
| -----                       | ----- | ----- | -----    | ----- | -----  | -----    |
| 1) Fluorobenzene            | 5.74  | 96    | 60833    | 1.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |       |          |       |        |          |
| 57) 4-Bromofluorobenzene    | 10.31 | 95    | 19271    | 0.88  | ug/l   | 0.00     |
| Spiked Amount 1.000         |       |       | Recovery | =     | 88.00% |          |
| 68) 1,2-Dichlorobenzene-d4  | 11.86 | 152   | 21264    | 0.84  | ug/l   | 0.00     |
| Spiked Amount 1.000         |       |       | Recovery | =     | 84.00% |          |
| Target Compounds            |       |       |          |       |        | Qvalue   |
| 10) Iodomethane             | 2.41  | 142   | 1830     | 0.680 | ug/l   | 97       |
| 13) Acetone                 | 2.32  | 43    | 1409     | 0.493 | ug/l   | 92       |
| 24) tert-Butyl Alcohol      | 2.82  | 59    | 654      | 0.534 | ug/l   | 97       |
| 46) t-1,4-Dichloro-2-butene | 10.31 | 75    | 8967     | 2.332 | ug/l # | 24       |
| 71) 1,2,3-Trichloropropane  | 10.31 | 75    | 8967     | 0.758 | ug/l # | 48       |
| 89) Naphthalene             | 13.76 | 128   | 5435     | 0.566 | ug/l # | 88       |
| -----                       | ----- | ----- | -----    | ----- | -----  | -----    |

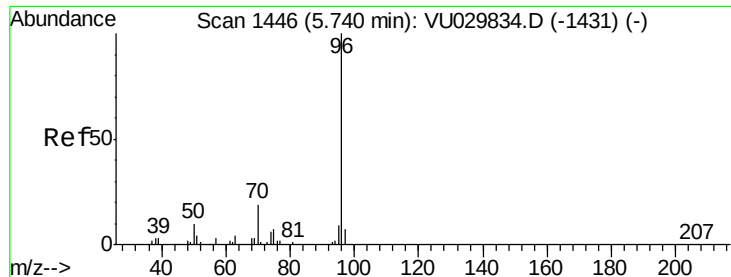
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA\_U

ClientSampleId :

VU0308WBL01

Tgt Ion: 96 Resp: 60833

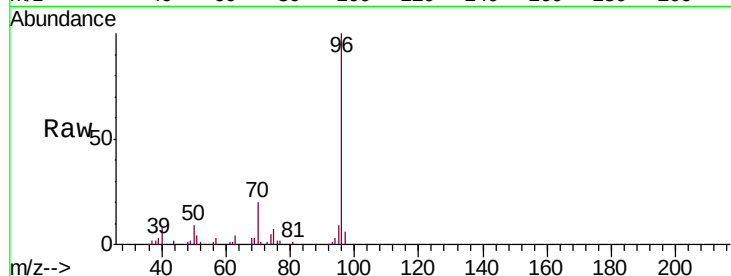
Ion Ratio Lower Upper

96 100

70 18.2 14.4 21.6

95 9.0 7.0 10.6

97 6.0 0.0 0.0#

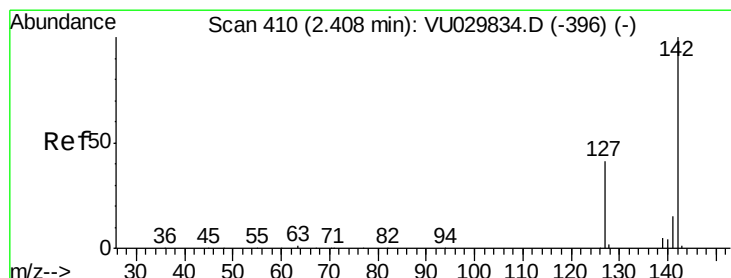
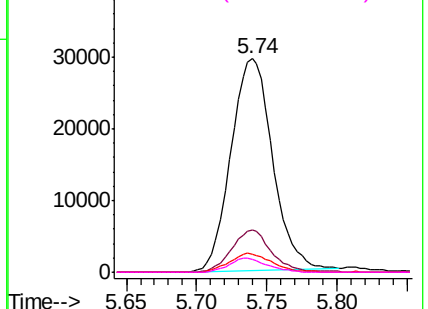
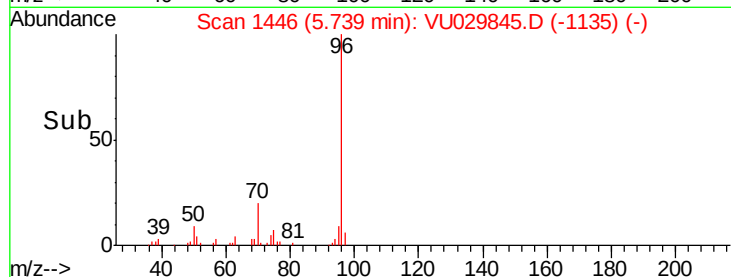


Abundance Ion 96.00 (95.70 to 96.70): VU0

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



#10

Iodomethane

Concen: 0.680 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

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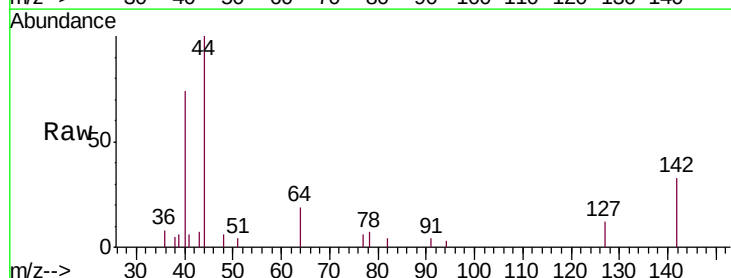
Acq: 07 Mar 2019 10:20

Tgt Ion: 142 Resp: 1830

Ion Ratio Lower Upper

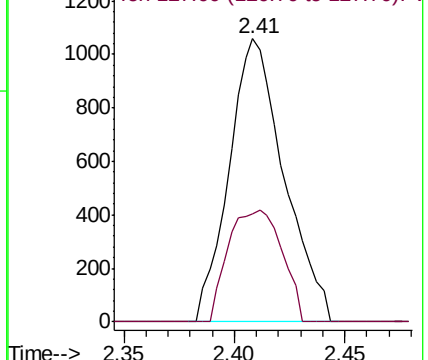
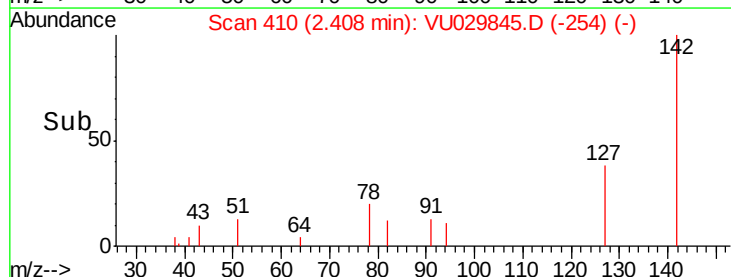
142 100

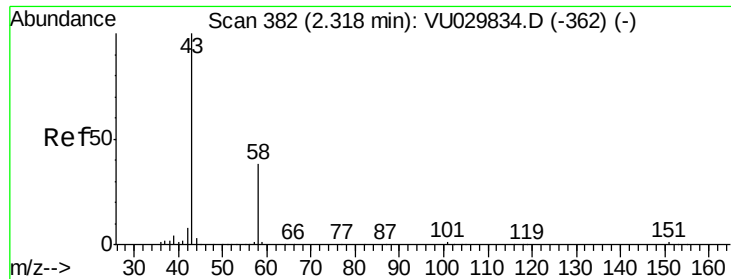
127 38.5 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#13

Acetone

Concen: 0.493 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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ClientSampleId :

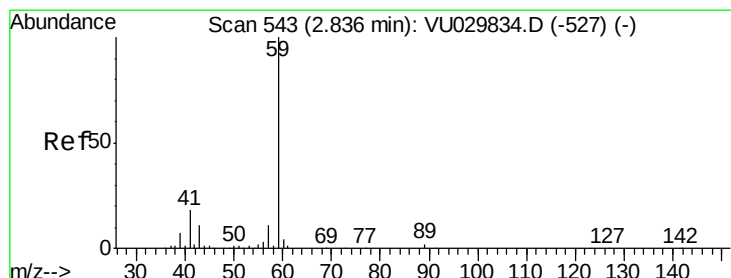
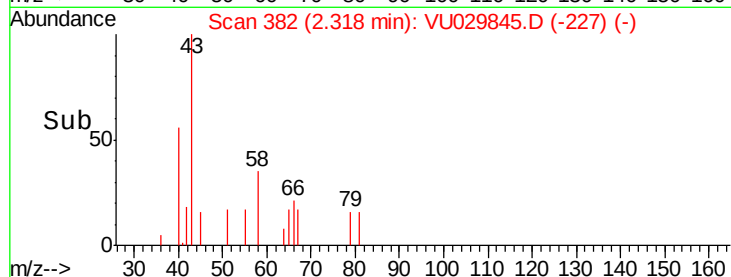
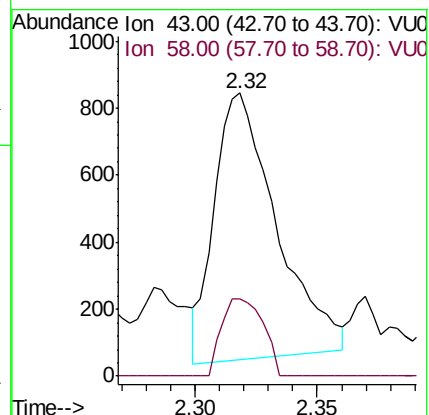
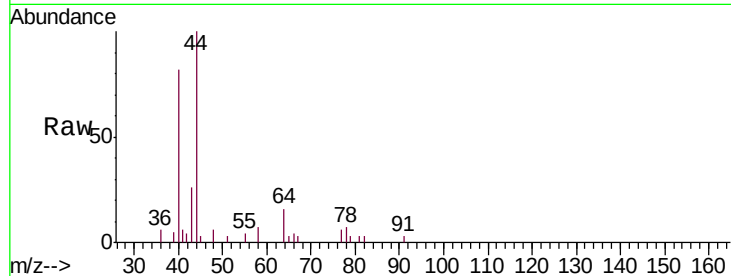
VU0308WBL01

Tgt Ion: 43 Resp: 1409

Ion Ratio Lower Upper

43 100

58 33.1 30.2 45.2



#24

tert-Butyl Alcohol

Concen: 0.534 ug/l

RT: 2.82 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU029845.D

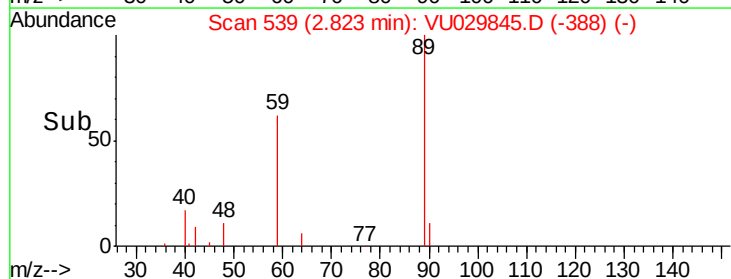
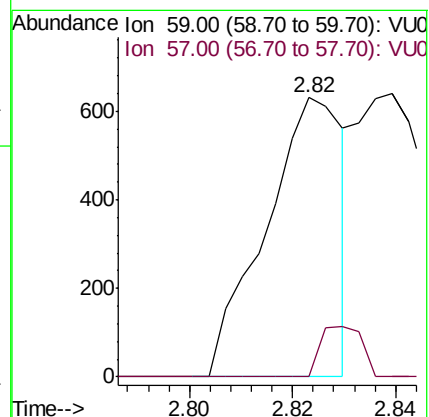
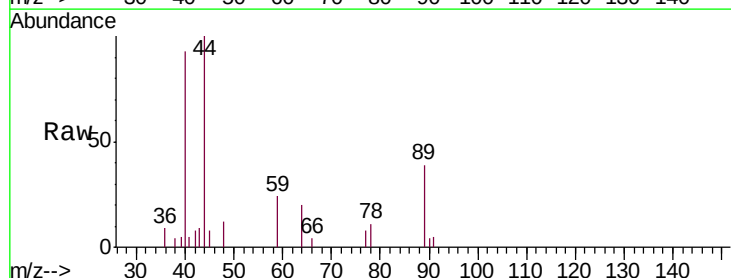
Acq: 07 Mar 2019 10:20

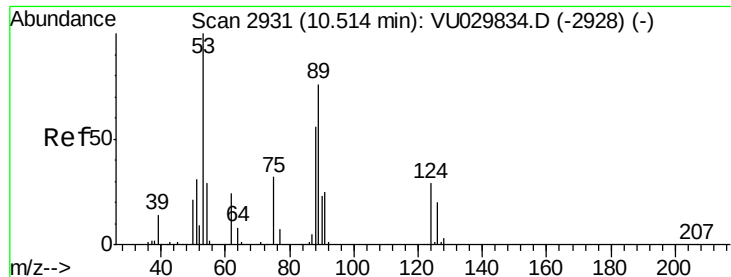
Tgt Ion: 59 Resp: 654

Ion Ratio Lower Upper

59 100

57 9.6 8.5 12.7

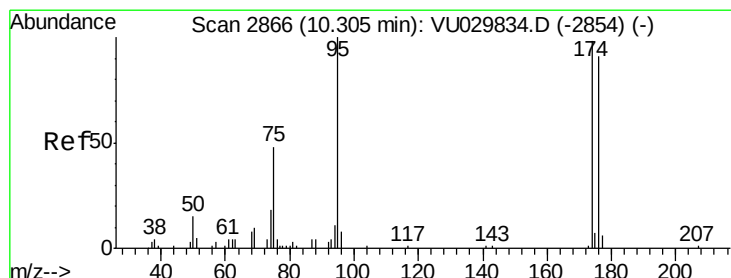
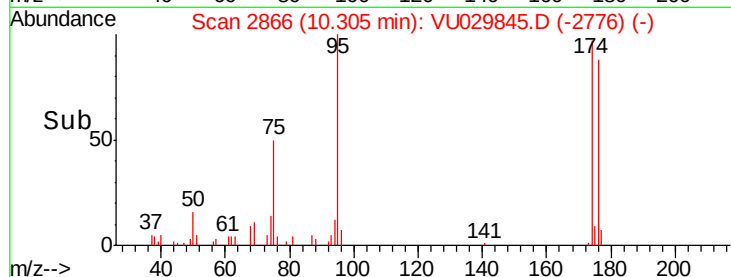
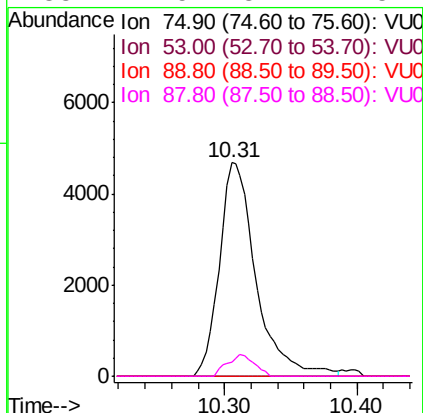
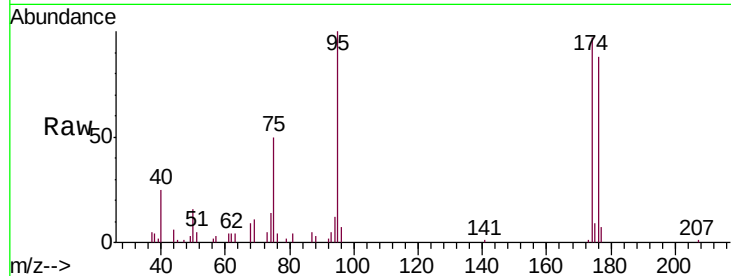




#46  
t-1,4-Dichloro-2-butene  
Concen: 2.332 ug/l  
RT: 10.31 min Scan# 2866  
Delta R.T. -0.21 min  
Lab File: VU029845.D  
Acq: 07 Mar 2019 10:20

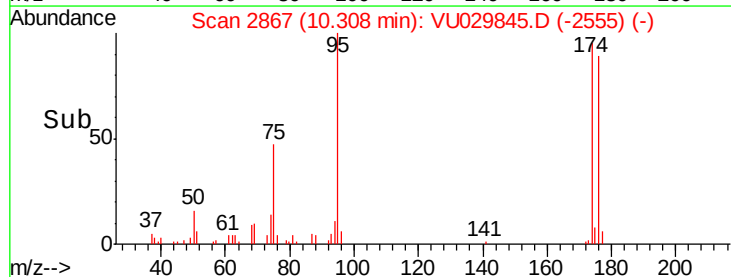
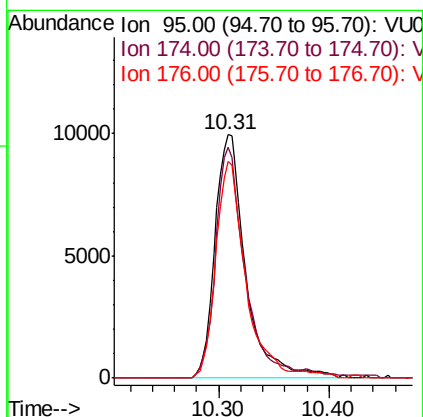
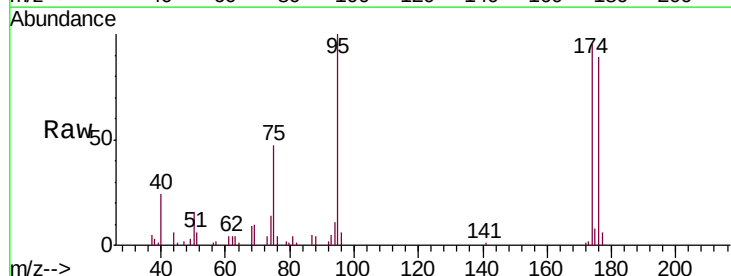
Instrument :  
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ClientSampleId :  
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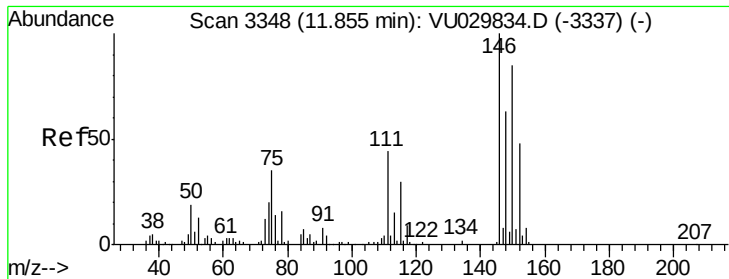
Tgt Ion: 75 Resp: 8967  
Ion Ratio Lower Upper  
75 100  
53 0.0 59.2 88.8#  
89 0.0 44.9 67.3#  
88 7.5 32.2 48.2#



#57  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
RT: 10.31 min Scan# 2867  
Delta R.T. 0.00 min  
Lab File: VU029845.D  
Acq: 07 Mar 2019 10:20

Tgt Ion: 95 Resp: 19271  
Ion Ratio Lower Upper  
95 100  
174 89.4 76.5 114.7  
176 87.8 74.2 111.2





#68

1,2-Dichlorobenzene-d4

Concen: N.D. ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU029845.D

Acq: 07 Mar 2019 10:20

Instrument :

MSVOA\_U

ClientSampleId :

VU0308WBL01

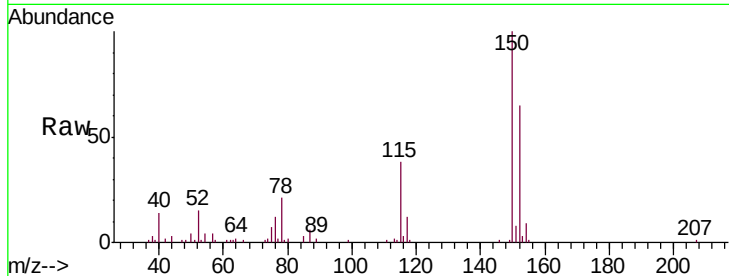
Tgt Ion:152 Resp: 21264

Ion Ratio Lower Upper

152 100

115 59.2 0.0 124.0

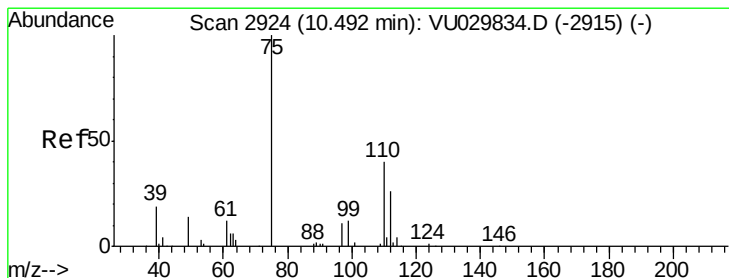
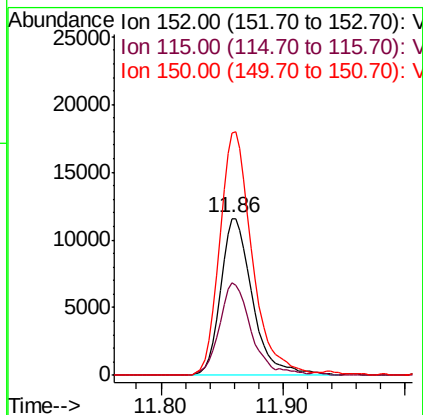
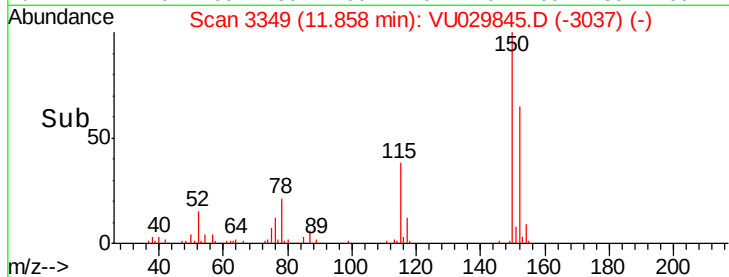
150 157.8 0.0 631.2



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: 0.758 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.19 min

Lab File: VU029845.D

Acq: 07 Mar 2019 10:20

Tgt Ion: 75 Resp: 8967

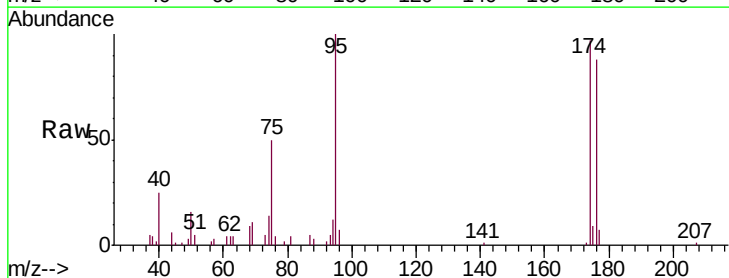
Ion Ratio Lower Upper

75 100

77 0.2 0.0 16.4

110 0.0 0.0 74.8

97 0.0 0.0 39.4

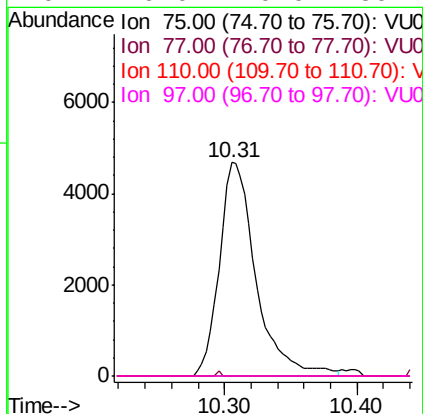
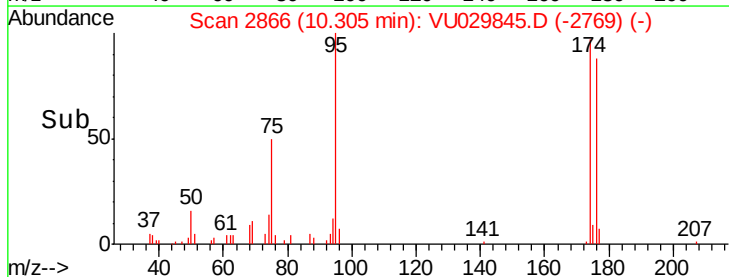


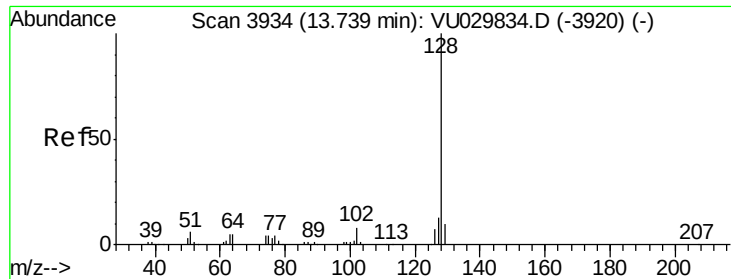
Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.566 ug/l

RT: 13.76 min Scan# 3939

Delta R.T. 0.02 min

Lab File: VU029845.D

Acq: 07 Mar 2019 10:20

Instrument :

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ClientSampleId :

VU0308WBL01

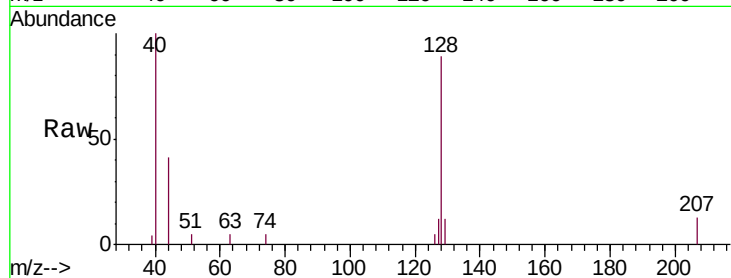
Tgt Ion:128 Resp: 5435

Ion Ratio Lower Upper

128 100

127 6.4 10.2 15.4#

129 7.5 8.2 12.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

