

Data File : VU029317.D
Acq On : 30 Jan 2019 15:45
Operator : JC/SP
Sample : K1161-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PT-RVOA-WS

Quant Time: Jan 31 06:24:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	8048	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	3074	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3371	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.39	50	781	0.260	ug/l #	41
4) Vinyl Chloride	1.39	62	95141	30.693	ug/l	99
9) 1,1-Dichloroethene	2.27	96	21293	9.576	ug/l	99
11) Allyl Chloride	2.69	41	1406	0.267	ug/l #	7
15) Methylene Chloride	2.69	84	38316	13.046	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	30734	12.292	ug/l	97
22) cis-1,2-Dichloroethene	4.21	96	39874	15.140	ug/l	83
23) Diethyl Ether	2.27	59	1665	0.745	ug/l #	12
24) tert-Butyl Alcohol	2.83	59	234	0.836	ug/l #	71
28) 1,1,1-Trichloroethane	4.90	97	85718	16.933	ug/l	98
30) Carbon Tetrachloride	5.12	117	57896	13.082	ug/l	98
33) Tert-Amyl methyl ether	5.38	73	3249	0.526	ug/l #	57
35) Benzene	5.38	78	164213	15.997	ug/l	100
36) 1,2-Dichloroethane	5.40	62	12836	3.021	ug/l	97
37) Trichloroethene	6.18	130	37368	14.459	ug/l	96
38) 1,2-Dichloropropane	6.43	63	30621	10.901	ug/l	100
45) 4-Methyl-2-Pentanone	7.63	43	474	0.245	ug/l #	15
46) t-1,4-Dichloro-2-butene	10.31	75	1742	2.666	ug/l #	13
49) Toluene	7.63	92	36228	6.083	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	19861	10.815	ug/l	99
58) Tetrachloroethene	8.22	164	22703	9.255	ug/l	94
59) Chlorobenzene	9.12	112	77445	11.962	ug/l	98
63) Ethyl Benzene	9.25	91	119598	10.568	ug/l	99
64) m/p-Xylenes	9.37	106	22368	5.261	ug/l	99
65) o-Xylene	9.78	106	12610	3.093	ug/l	97
66) Styrene	9.79	104	127768	18.187	ug/l	91
71) 1,2,3-Trichloropropane	10.31	75	1742	0.836	ug/l #	49
82) 1,3-Dichlorobenzene	11.50	146	53742	9.309	ug/l	96
83) 1,4-Dichlorobenzene	11.50	146	53742	9.241	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	91094	17.434	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.48	75	220	0.488	ug/l #	11
87) 1,2,4-Trichlorobenzene	13.50	180	30336	8.585	ug/l	99
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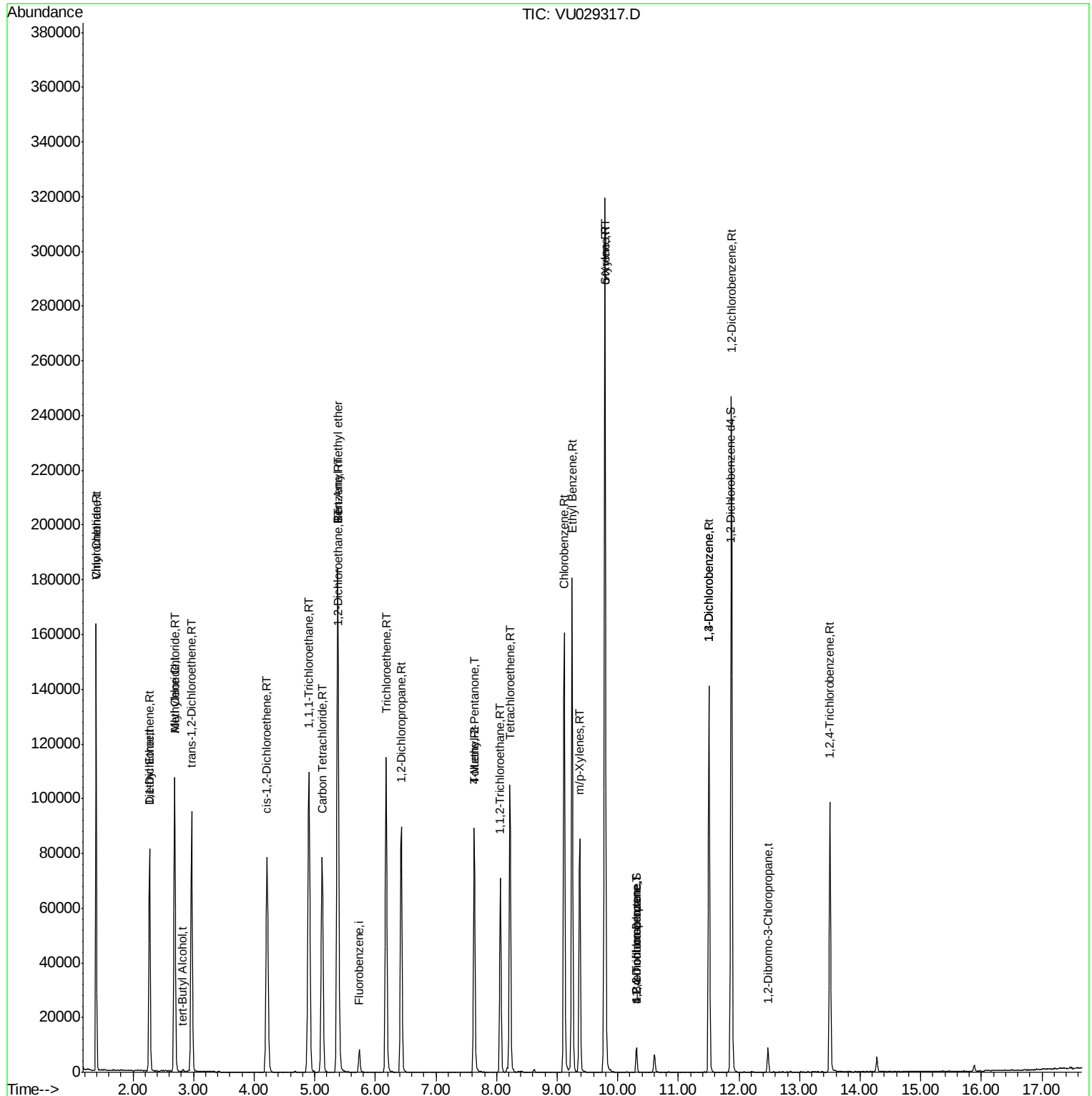
(#) = qualifier out of range (m) = manual integration (+) = signals summed

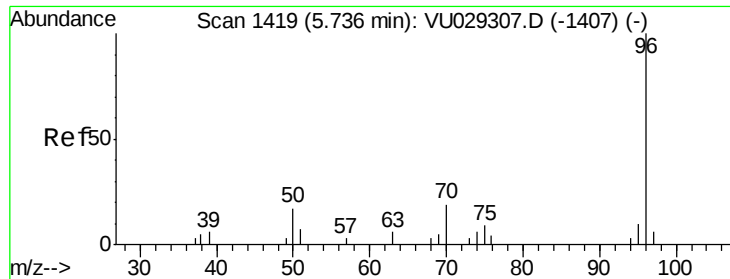
Data File : VU029317.D

```
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Instrument :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Instrument :

MSVOA_U

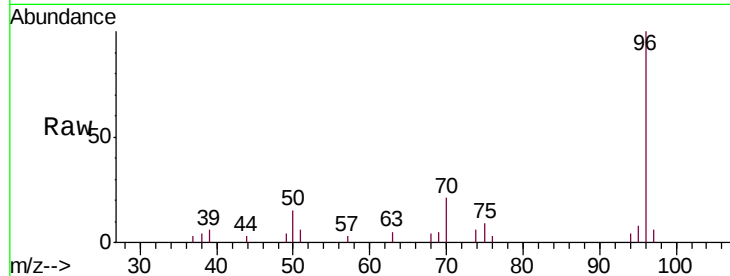
ClientSampleId :

PT-RVOA-WS

Tgt Ion: 96 Resp: 8048

Ion Ratio Lower Upper

96	100		
70	21.1	16.2	24.2
95	0.0	7.4	11.2
97	0.0	0.0	0.0

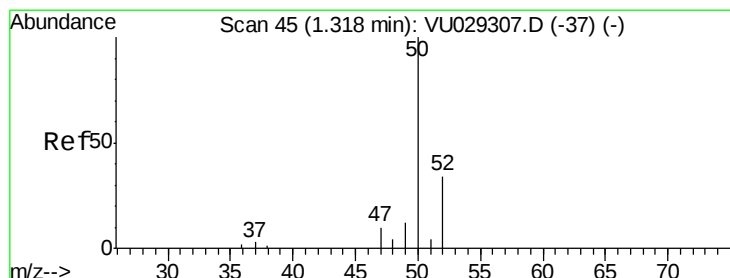
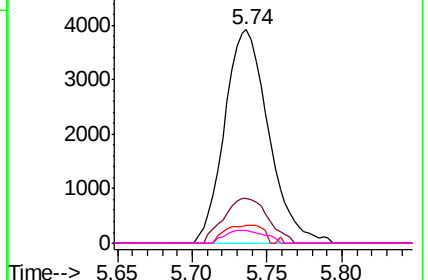
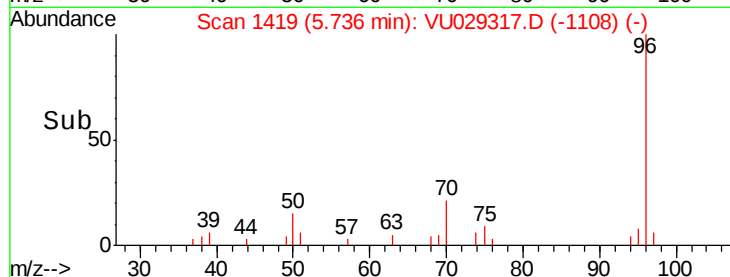


Abundance Ion 96.00 (95.70 to 96.70): VU0

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



#3

Chloromethane

Concen: 0.260 ug/l

RT: 1.39 min Scan# 68

Delta R.T. 0.07 min

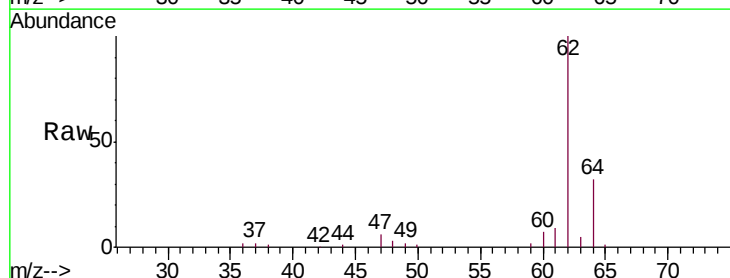
Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Tgt Ion: 50 Resp: 781

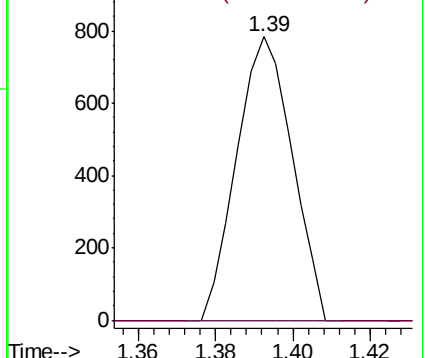
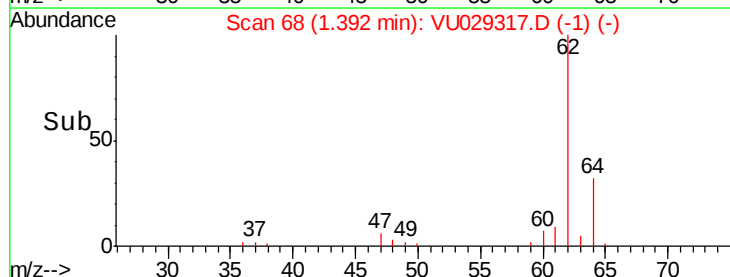
Ion Ratio Lower Upper

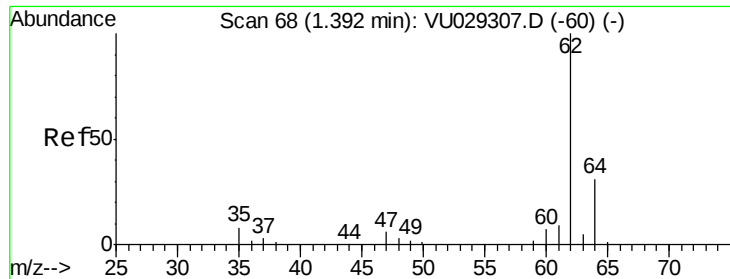
50	100		
52	0.0	27.3	40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#4

Vinyl Chloride

Concen: 30.693 ug/l

RT: 1.39 min Scan# 68

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

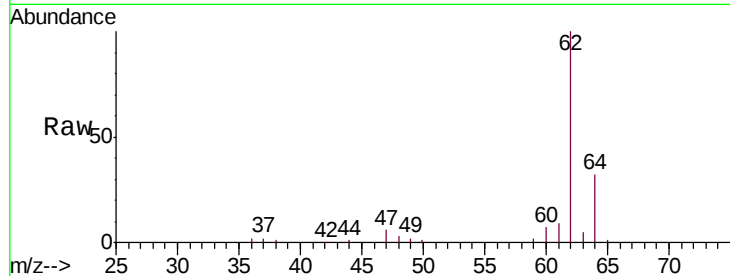
PT-RVOA-WS

Tgt Ion: 62 Resp: 95141

Ion Ratio Lower Upper

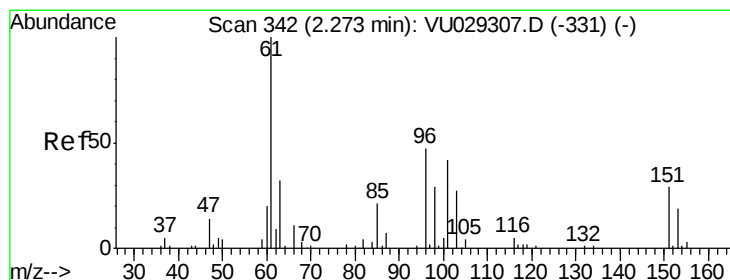
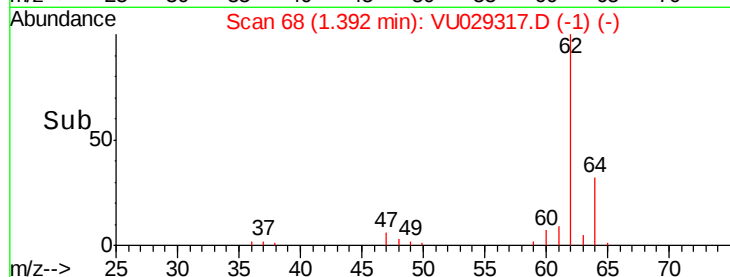
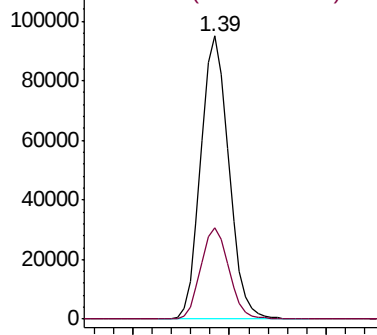
62 100

64 32.3 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#9

1,1-Dichloroethene

Concen: 9.576 ug/l

RT: 2.27 min Scan# 342

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

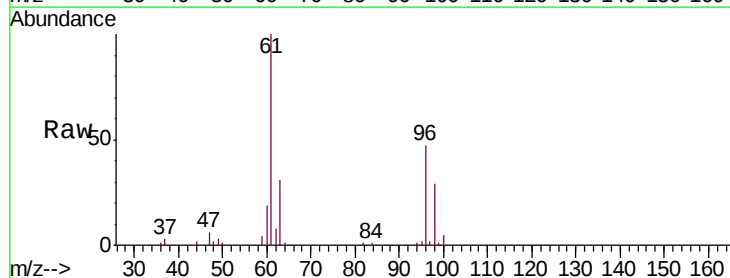
Tgt Ion: 96 Resp: 21293

Ion Ratio Lower Upper

96 100

61 212.2 0.0 641.4

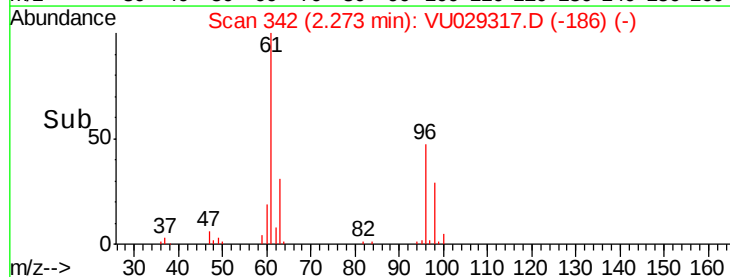
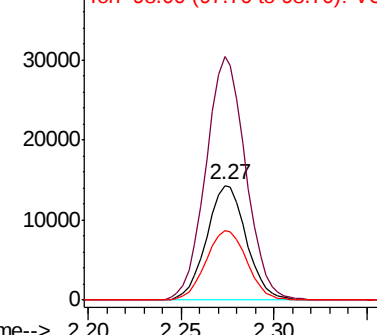
98 61.0 0.0 122.6

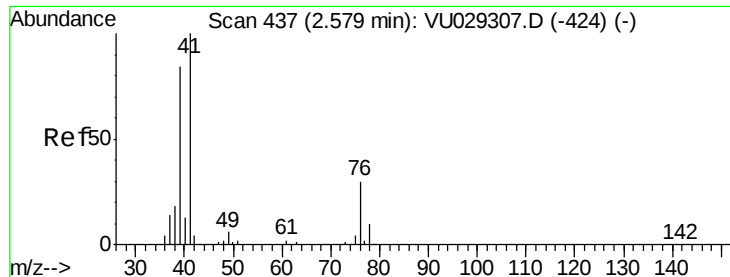


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

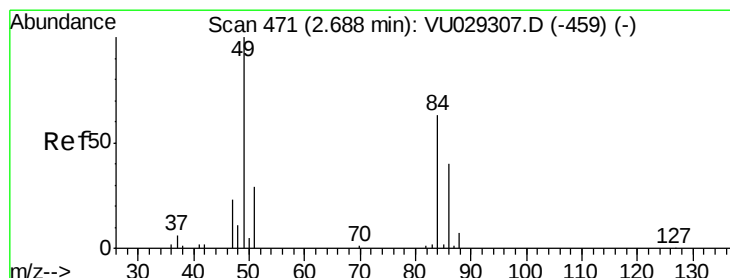
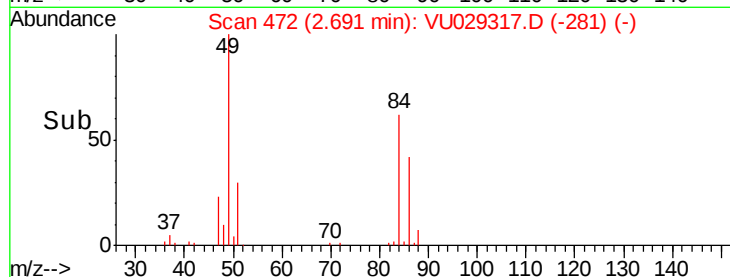
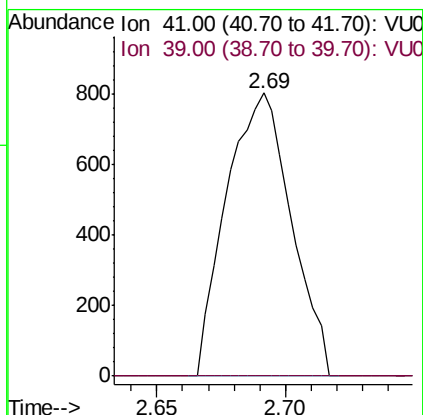
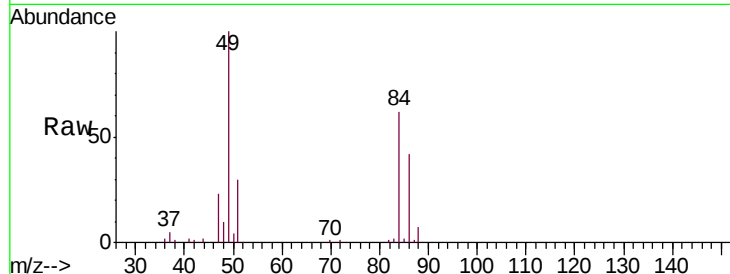




#11
 Allyl Chloride
 Concen: 0.267 ug/l
 RT: 2.69 min Scan# 472
 Delta R.T. 0.11 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

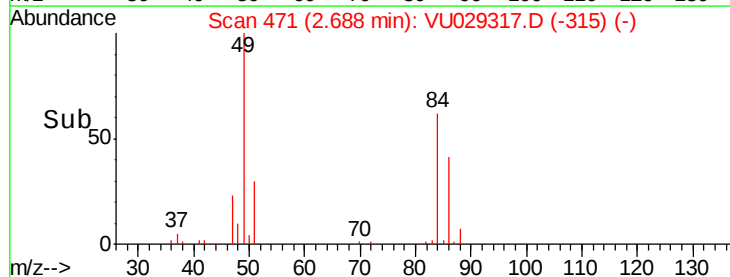
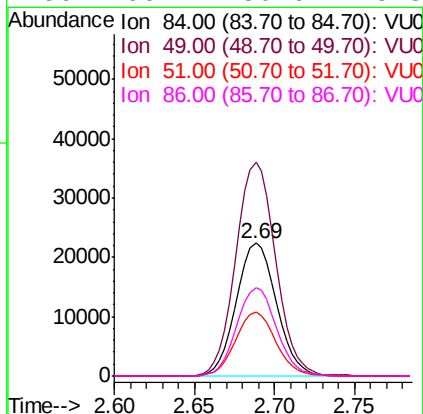
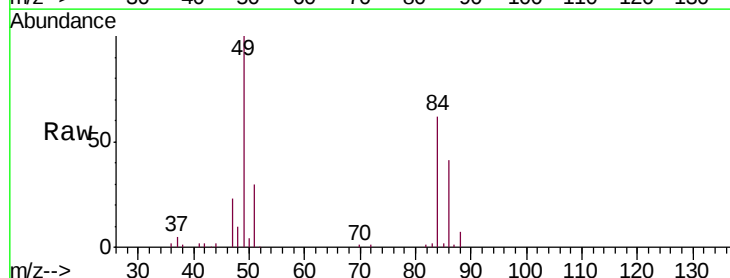
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-RVOA-WS

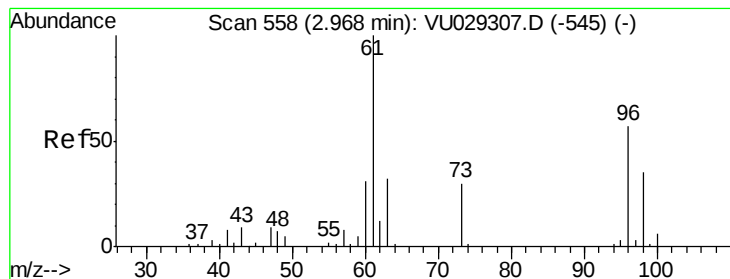
Tgt Ion: 41 Resp: 1406
 Ion Ratio Lower Upper
 41 100
 39 0.0 67.2 100.8#



#15
 Methylene Chloride
 Concen: 13.046 ug/l
 RT: 2.69 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

Tgt Ion: 84 Resp: 38316
 Ion Ratio Lower Upper
 84 100
 49 160.5 127.0 190.6
 51 47.8 0.0 93.4
 86 66.1 50.6 75.8





#16

trans-1,2-Dichloroethene

Concen: 12.292 ug/l

RT: 2.97 min Scan# 558

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

PT-RVOA-WS

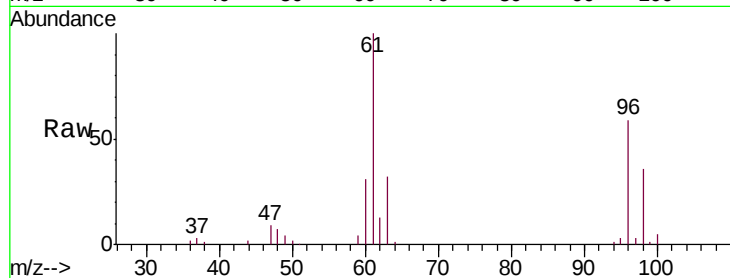
Tgt Ion: 96 Resp: 30734

Ion Ratio Lower Upper

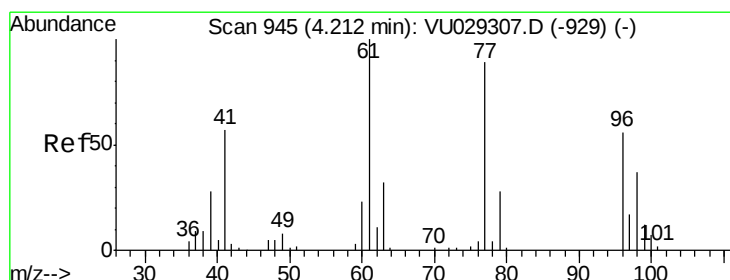
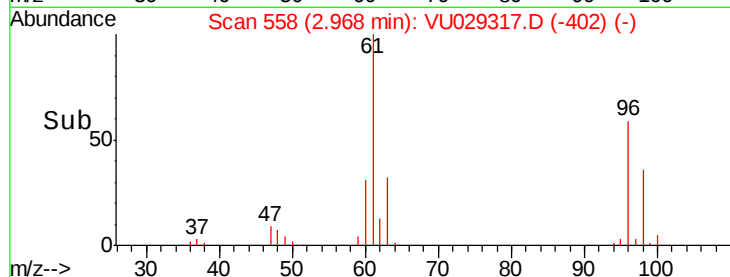
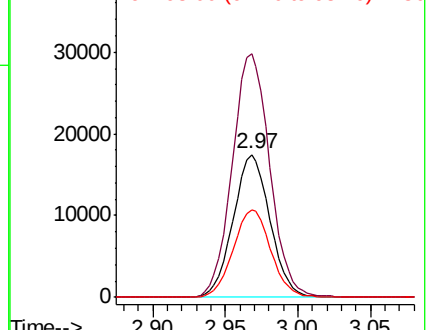
96 100

61 170.1 140.6 210.8

98 61.4 49.3 73.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 15.140 ug/l

RT: 4.21 min Scan# 945

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

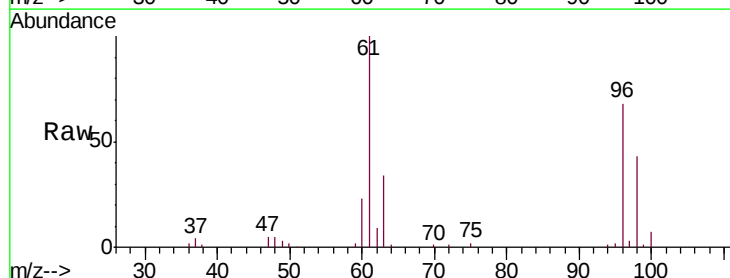
Tgt Ion: 96 Resp: 39874

Ion Ratio Lower Upper

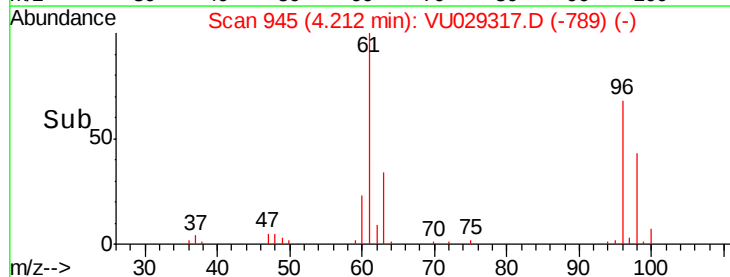
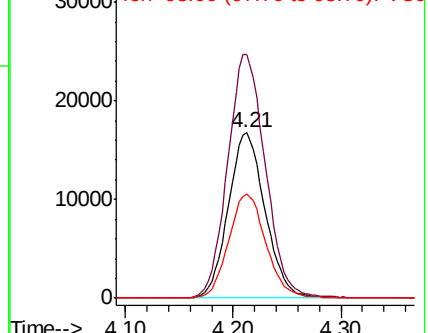
96 100

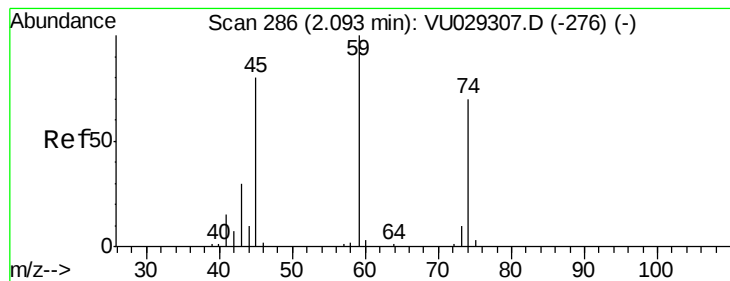
61 151.0 0.0 460.0

98 63.7 32.6 97.7



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 0.745 ug/l

RT: 2.27 min Scan# 342

Delta R.T. 0.18 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

PT-RVOA-WS

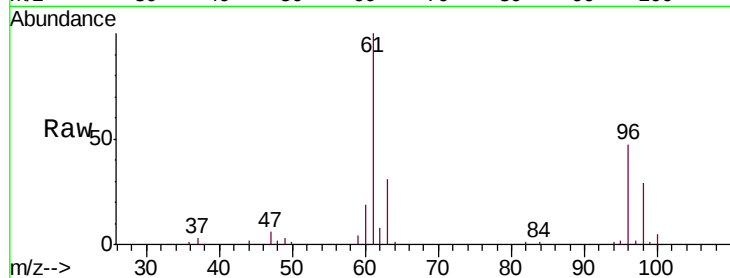
Tgt Ion: 59 Resp: 1665

Ion Ratio Lower Upper

59 100

45 0.0 64.2 96.4#

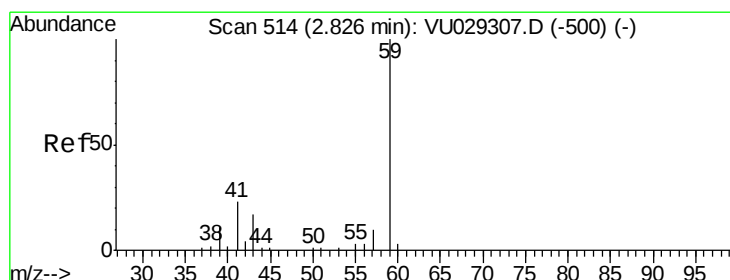
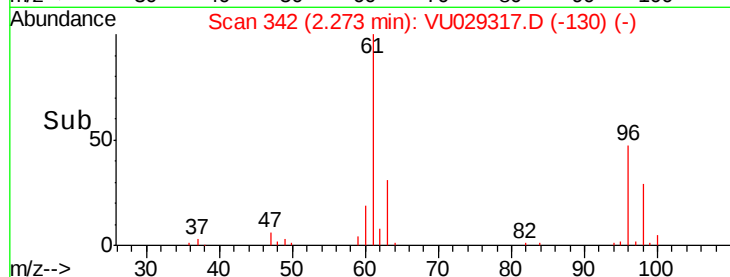
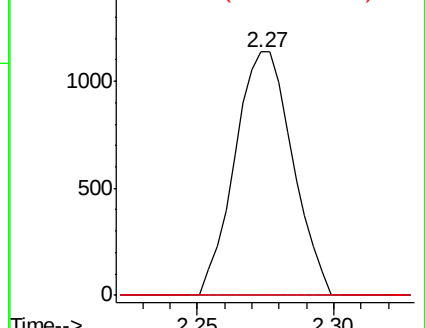
74 0.0 55.3 82.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 0.836 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU029317.D

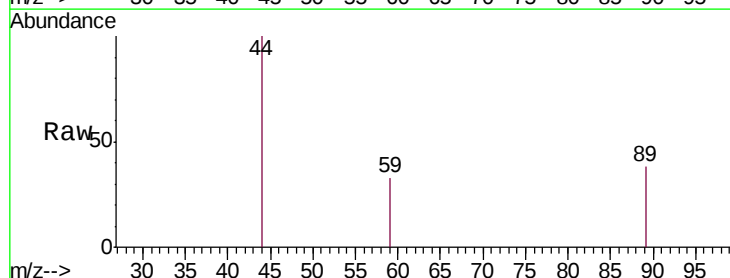
Acq: 30 Jan 2019 15:45

Tgt Ion: 59 Resp: 234

Ion Ratio Lower Upper

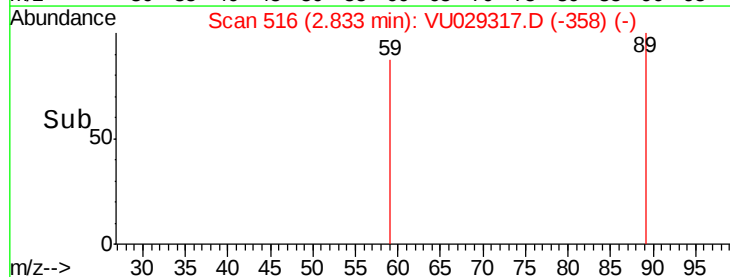
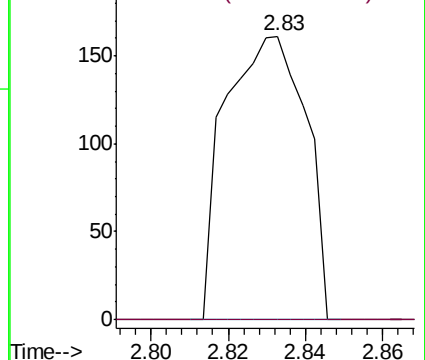
59 100

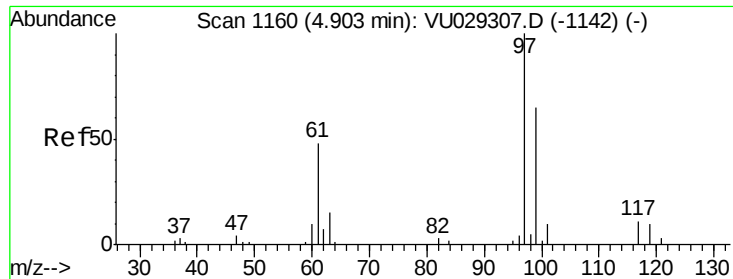
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

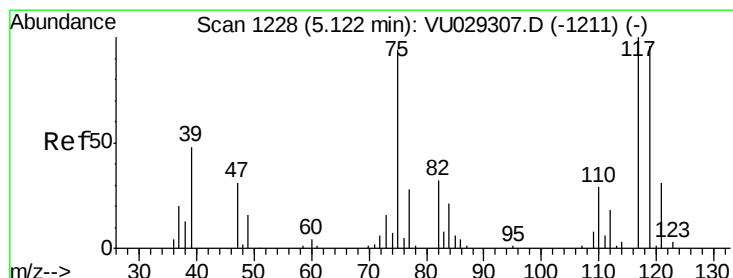
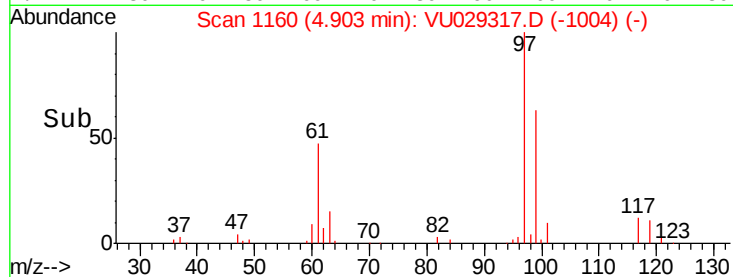
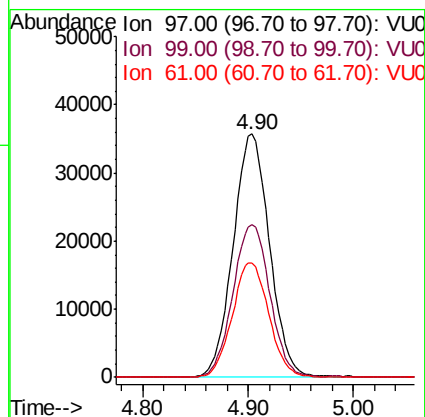
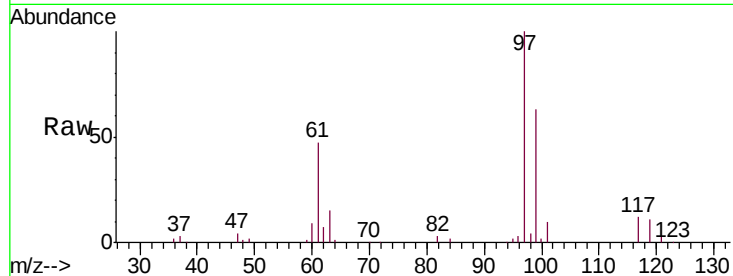




#28
 1,1,1-Trichloroethane
 Concen: 16.933 ug/l
 RT: 4.90 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

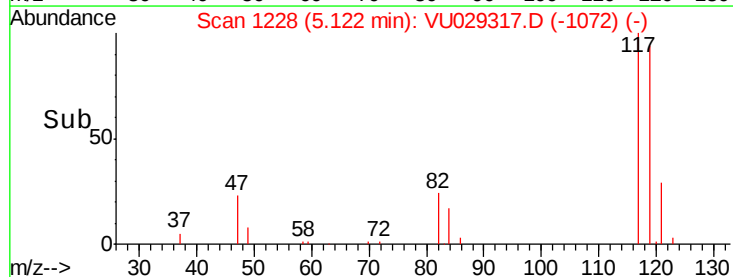
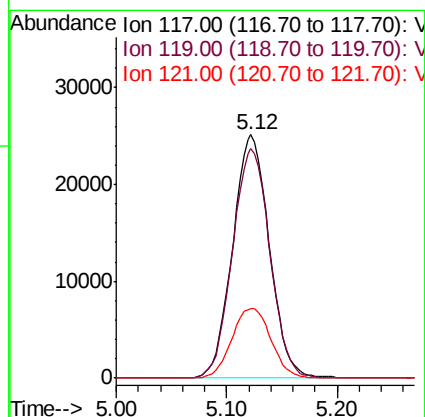
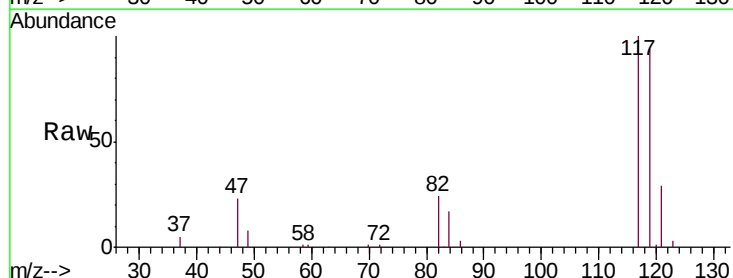
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-RVOA-WS

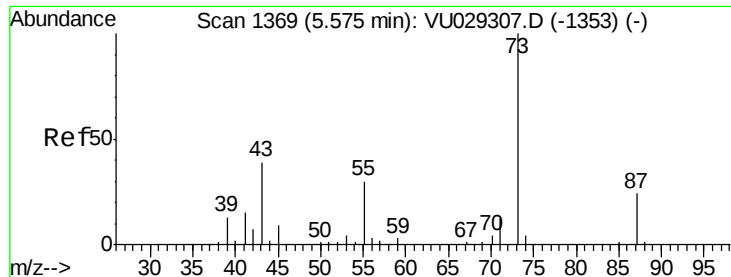
Tgt Ion: 97 Resp: 85718
 Ion Ratio Lower Upper
 97 100
 99 63.8 32.4 97.2
 61 47.3 24.4 73.2



#30
 Carbon Tetrachloride
 Concen: 13.082 ug/l
 RT: 5.12 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

Tgt Ion: 117 Resp: 57896
 Ion Ratio Lower Upper
 117 100
 119 94.1 76.8 115.2
 121 28.5 24.4 36.6

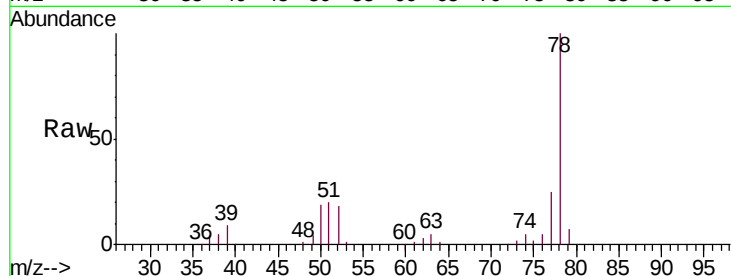




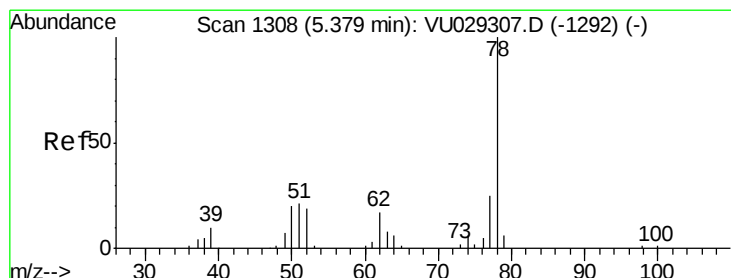
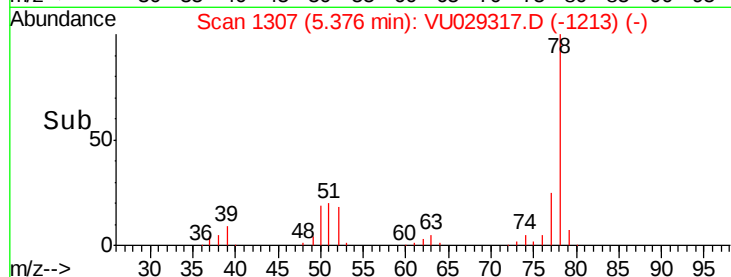
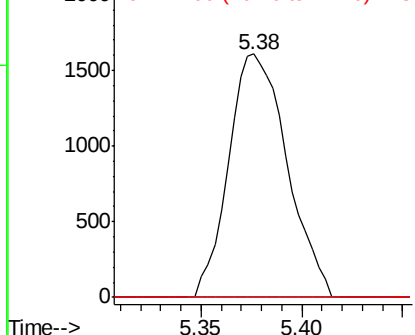
#33
Tert-Amyl methyl ether
Concen: 0.526 ug/l
RT: 5.38 min Scan# 1307
Delta R.T. -0.20 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

Instrument :
MSVOA_U
ClientSampleId :
PT-RVOA-WS

Tgt Ion: 73 Resp: 3249
Ion Ratio Lower Upper
73 100
87 0.0 19.4 29.0#
71 0.0 9.0 13.4#

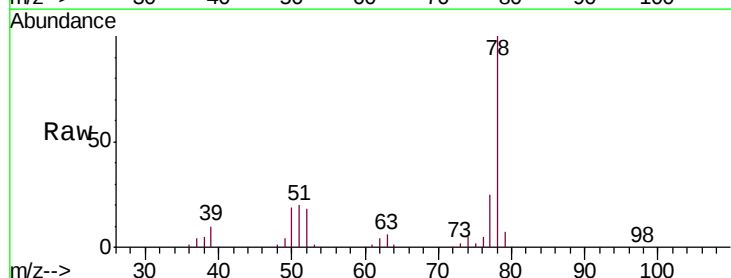


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

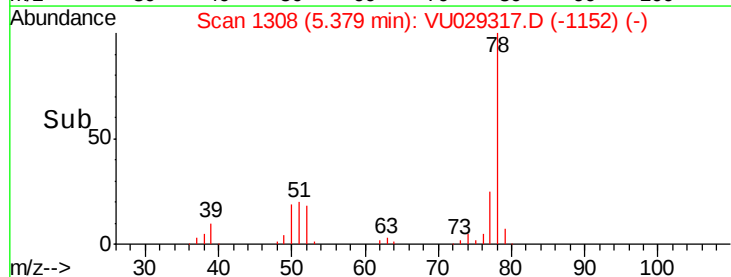
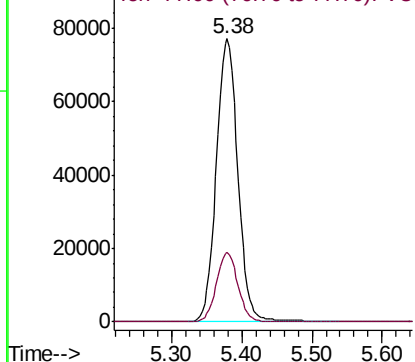


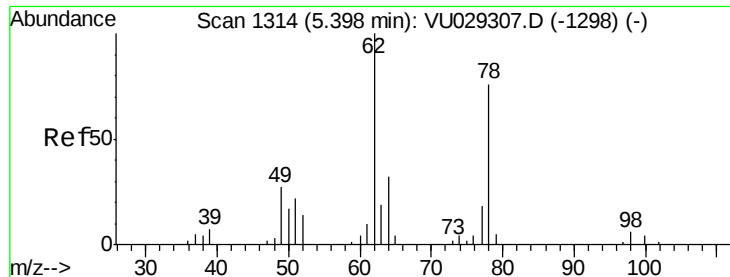
#35
Benzene
Concen: 15.997 ug/l
RT: 5.38 min Scan# 1308
Delta R.T. 0.00 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

Tgt Ion: 78 Resp: 164213
Ion Ratio Lower Upper
78 100
77 24.7 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0
Ion 77.00 (76.70 to 77.70): VU0

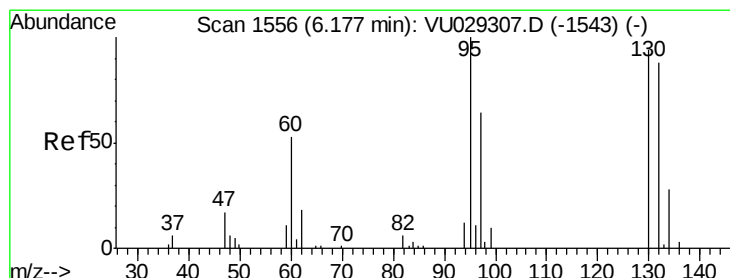
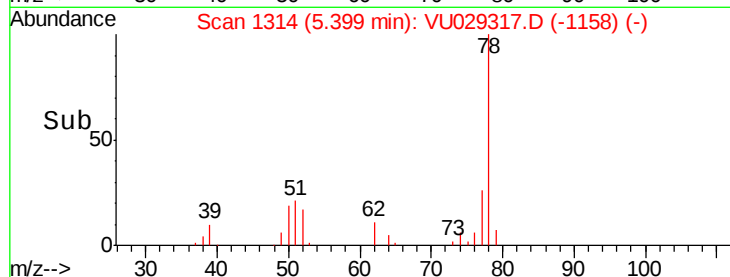
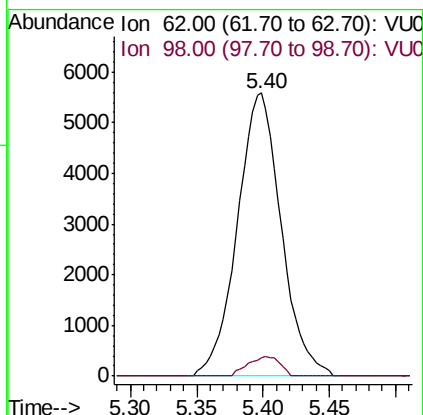
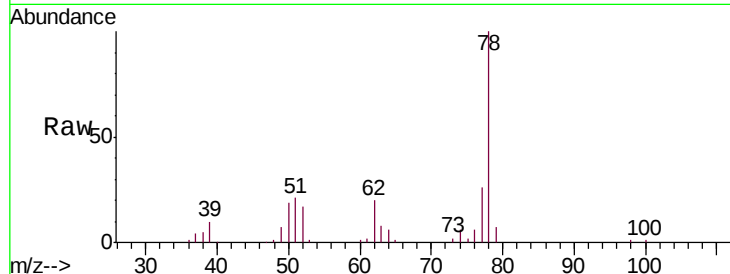




#36
 1,2-Dichloroethane
 Concen: 3.021 ug/l
 RT: 5.40 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

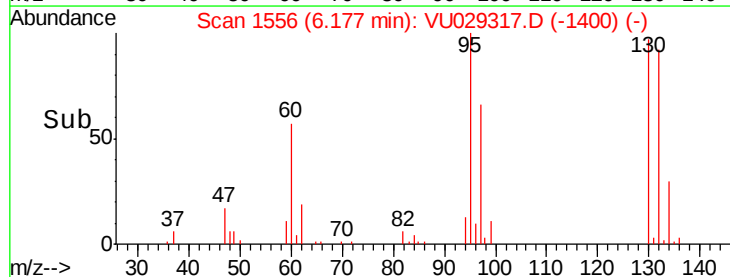
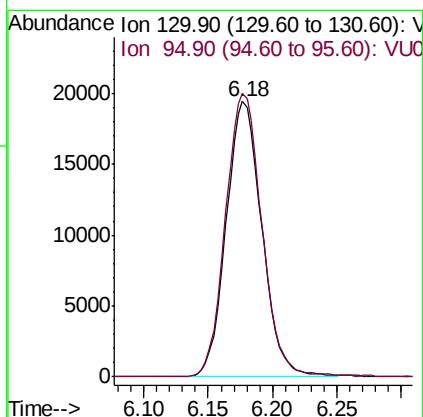
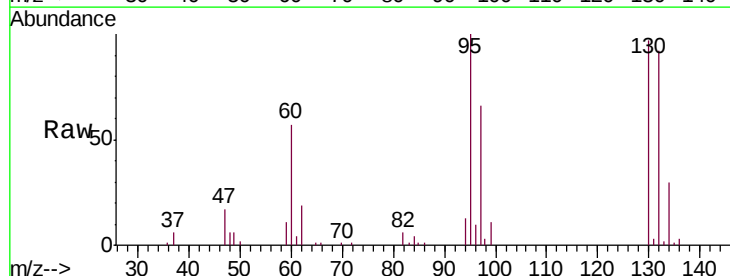
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-RVOA-WS

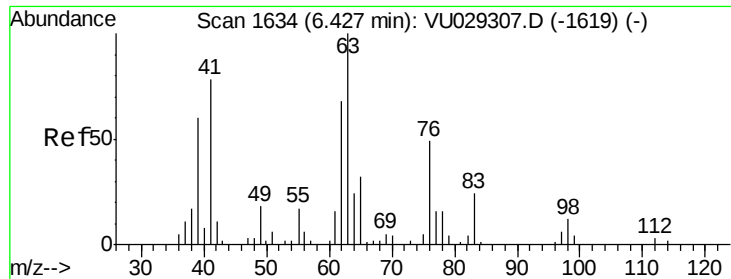
Tgt Ion: 62 Resp: 12836
 Ion Ratio Lower Upper
 62 100
 98 5.1 4.9 7.3



#37
 Trichloroethene
 Concen: 14.459 ug/l
 RT: 6.18 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

Tgt Ion: 130 Resp: 37368
 Ion Ratio Lower Upper
 130 100
 95 102.9 85.4 128.0

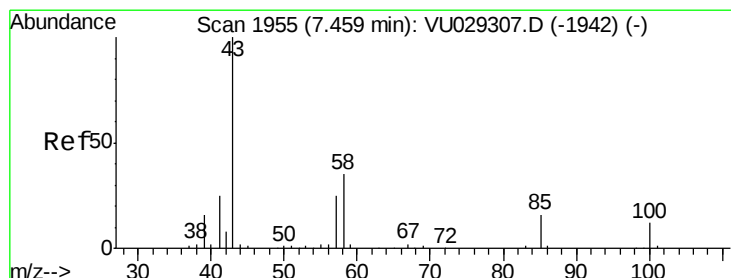
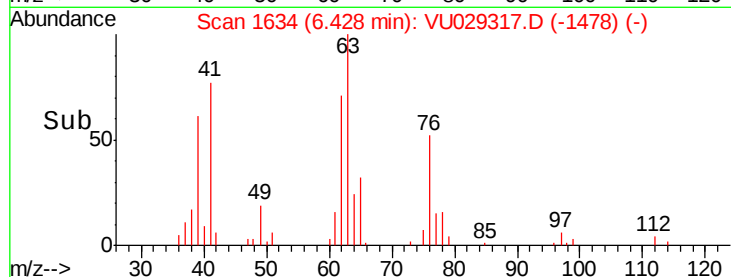
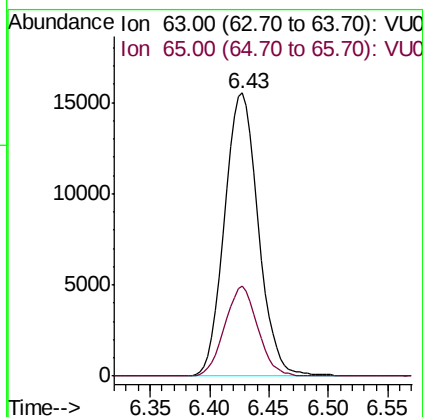
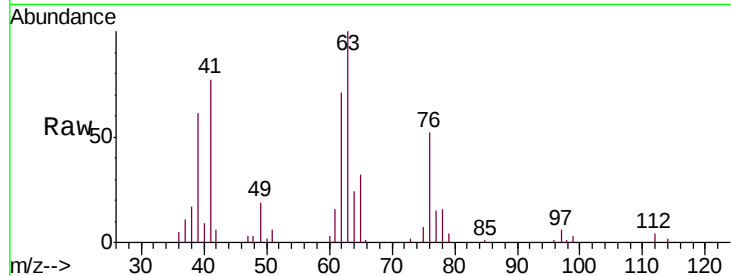




#38
 1,2-Dichloropropane
 Concen: 10.901 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

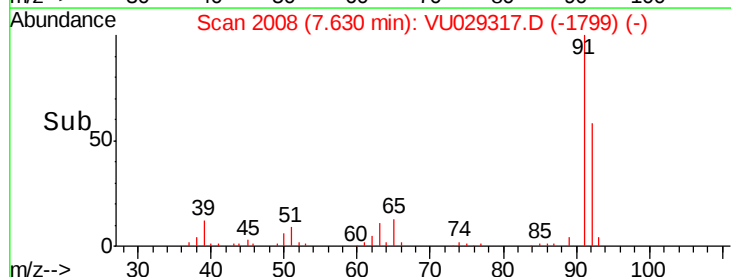
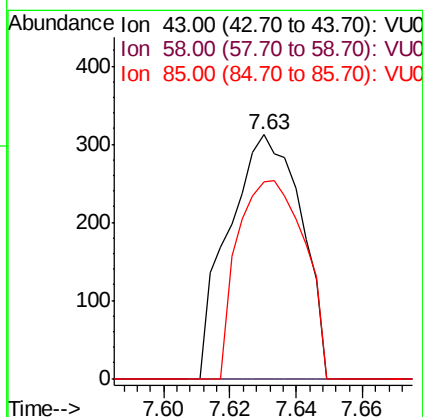
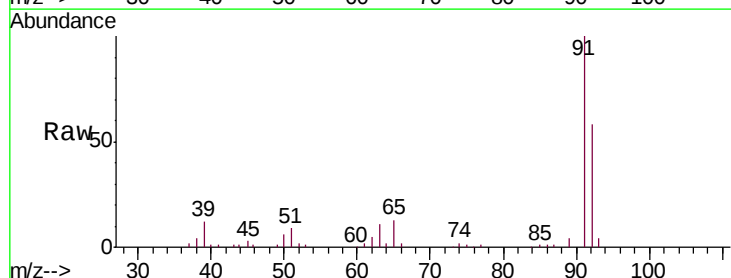
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-RVOA-WS

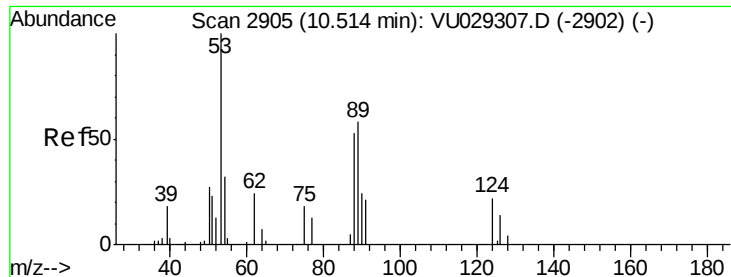
Tgt Ion: 63 Resp: 30621
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.5 38.3



#45
 4-Methyl-2-Pentanone
 Concen: 0.245 ug/l
 RT: 7.63 min Scan# 2008
 Delta R.T. 0.17 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

Tgt Ion: 43 Resp: 474
 Ion Ratio Lower Upper
 43 100
 58 0.0 17.6 52.8#
 85 74.9 12.3 18.5#

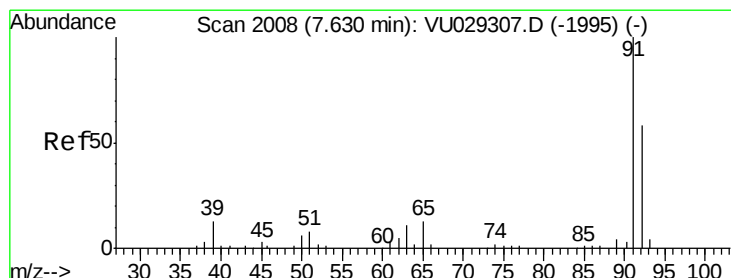
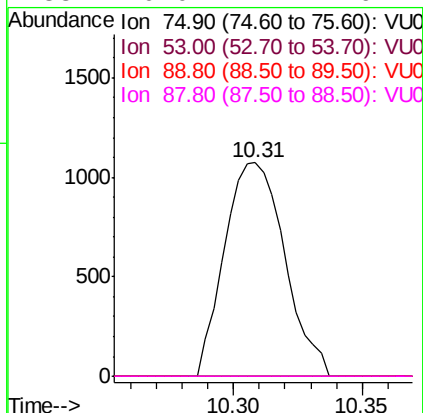
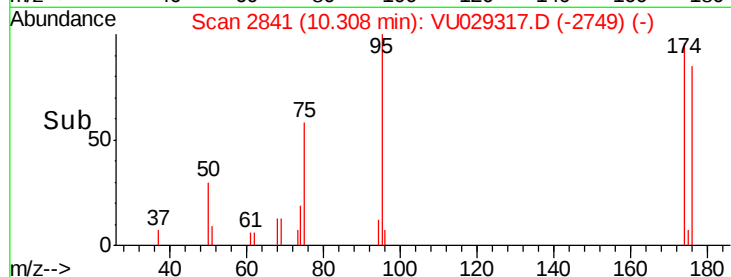
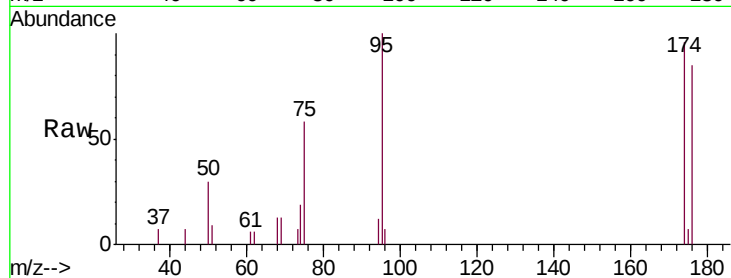




#46
t-1,4-Dichloro-2-butene
Concen: 2.666 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

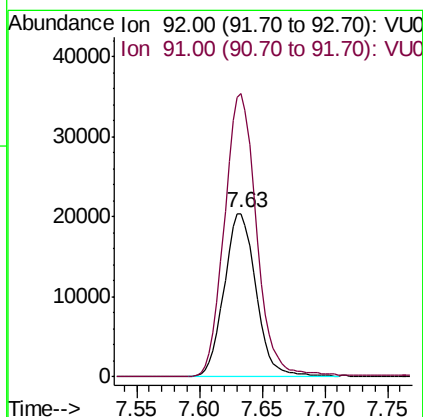
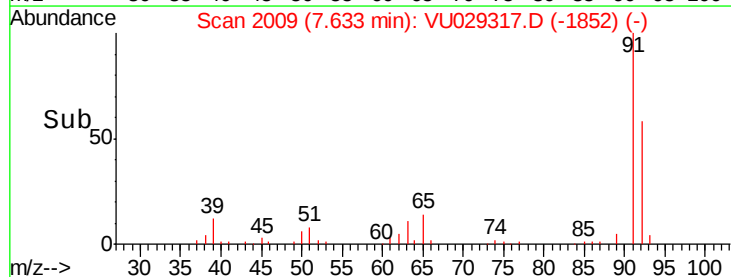
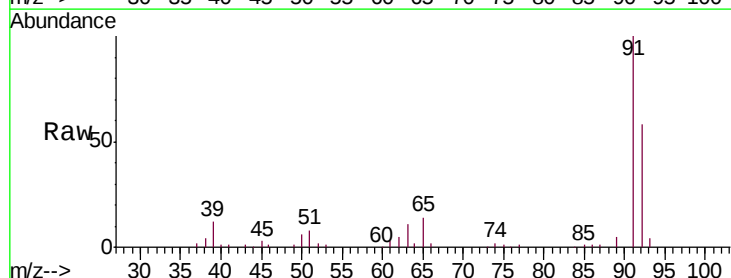
Instrument :
MSVOA_U
ClientSampleId :
PT-RVOA-WS

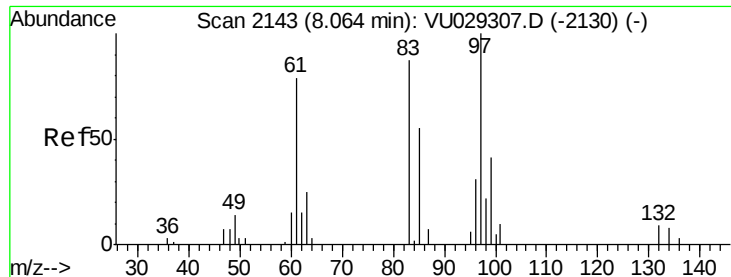
Tgt Ion: 75 Resp: 1742
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 44.2 66.4#
88 0.0 41.4 62.2#



#49
Toluene
Concen: 6.083 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

Tgt Ion: 92 Resp: 36228
Ion Ratio Lower Upper
92 100
91 174.7 140.7 211.1





#52

1,1,2-Trichloroethane

Concen: 10.815 ug/l

RT: 8.06 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

PT-RVOA-WS

Tgt Ion: 97 Resp: 19861

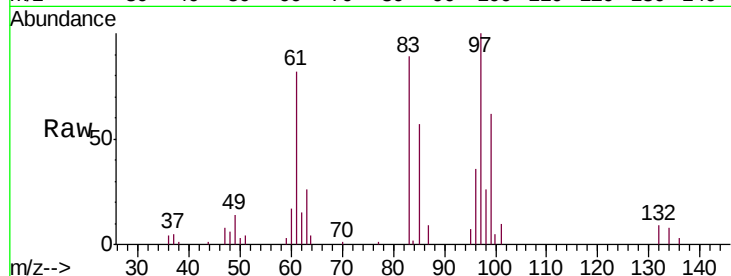
Ion Ratio Lower Upper

97 100

83 89.5 69.9 104.9

85 56.7 45.8 68.6

99 61.9 50.2 75.2

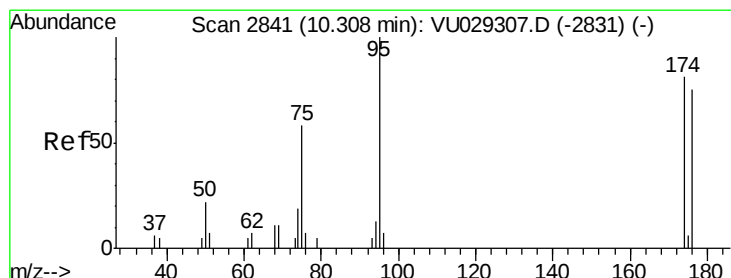
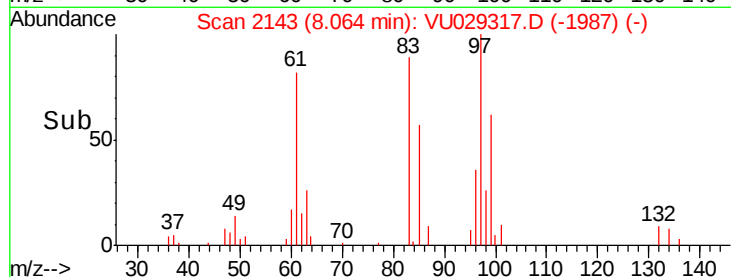
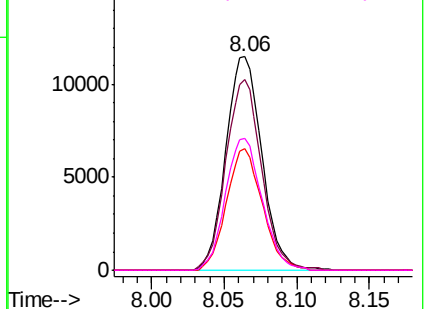


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0



#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

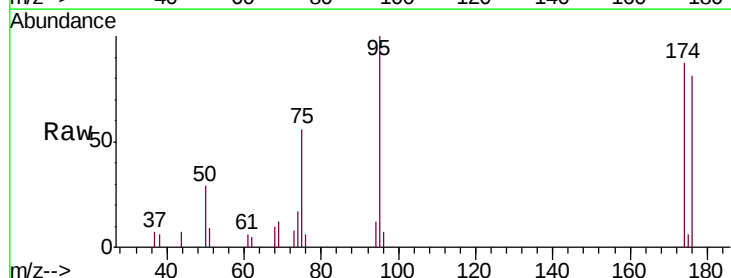
Tgt Ion: 95 Resp: 3074

Ion Ratio Lower Upper

95 100

174 87.4 64.2 96.2

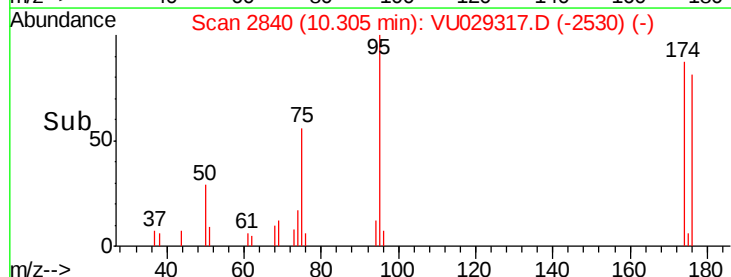
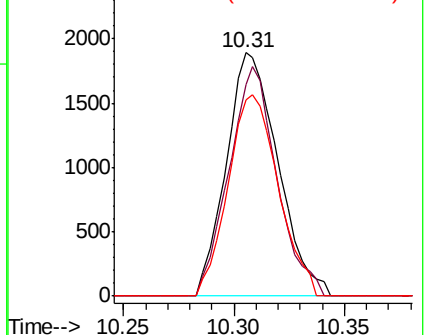
176 80.4 62.3 93.5

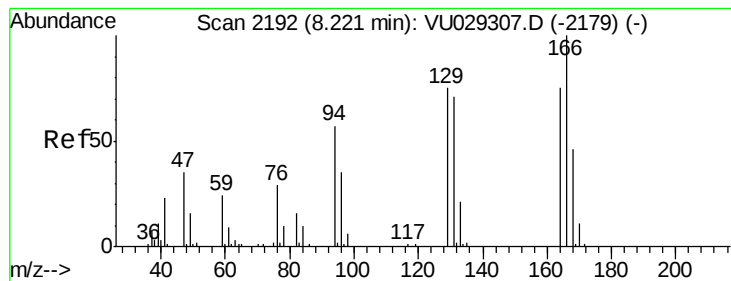


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#58

Tetrachloroethene

Concen: 9.255 ug/l

RT: 8.22 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

PT-RVOA-WS

Tgt Ion:164 Resp: 22703

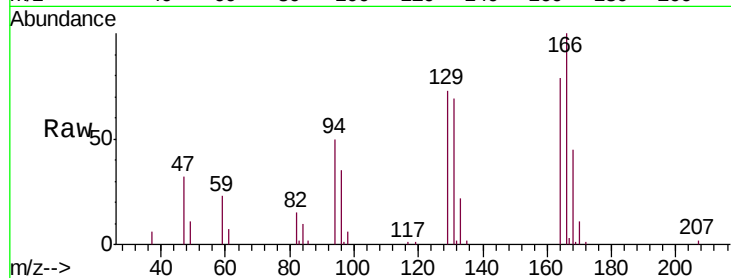
Ion Ratio Lower Upper

164 100

166 127.2 106.6 159.8

129 92.6 79.9 119.9

131 87.6 75.8 113.8

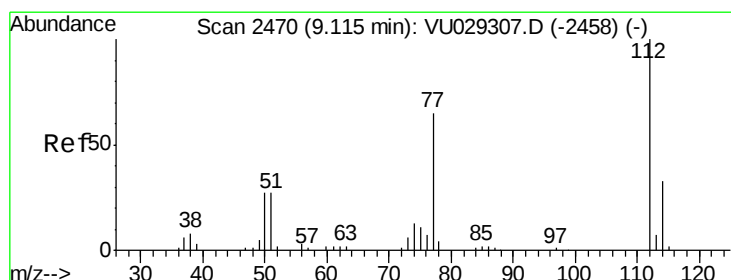
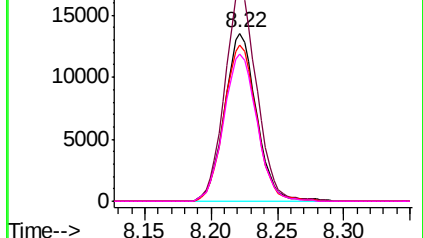
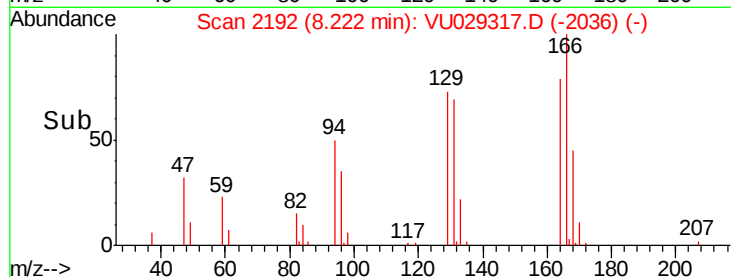


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 11.962 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VU029317.D

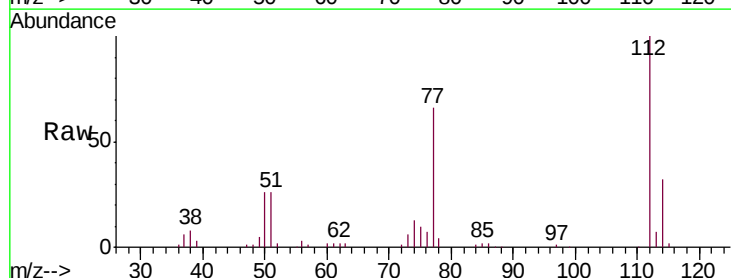
Acq: 30 Jan 2019 15:45

Tgt Ion:112 Resp: 77445

Ion Ratio Lower Upper

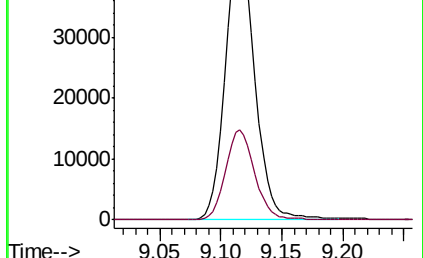
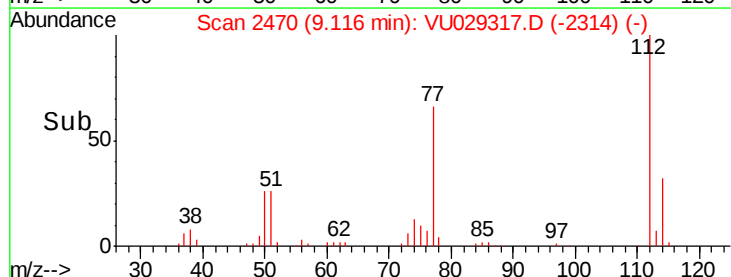
112 100

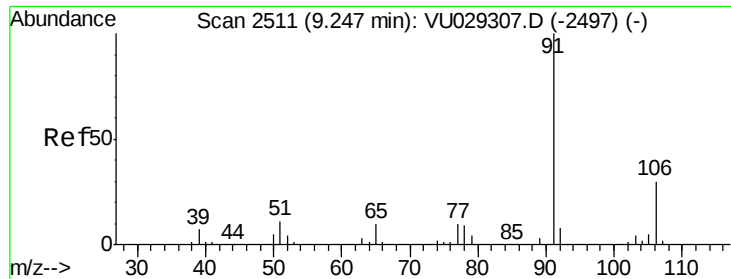
114 31.7 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

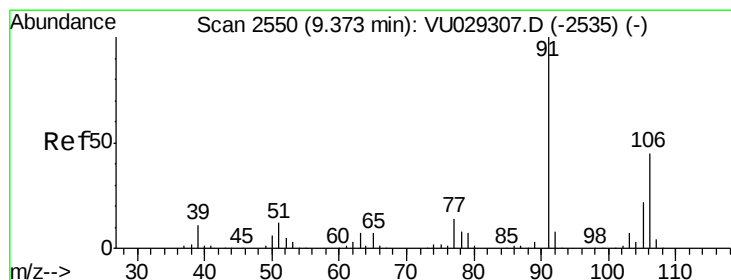
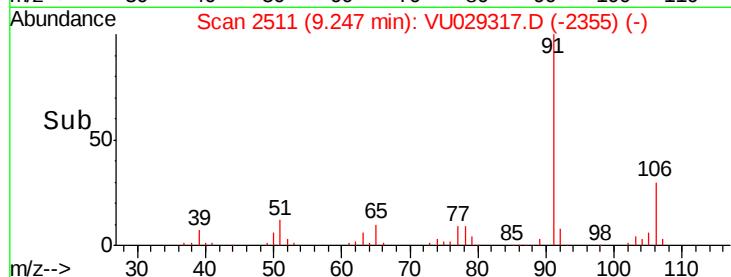
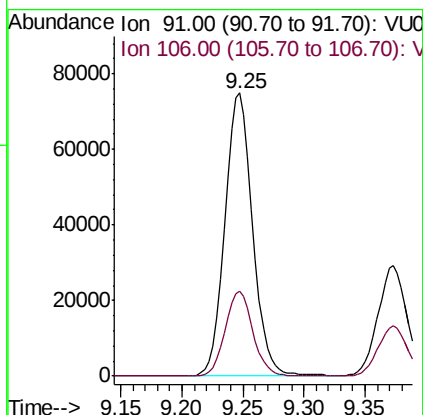
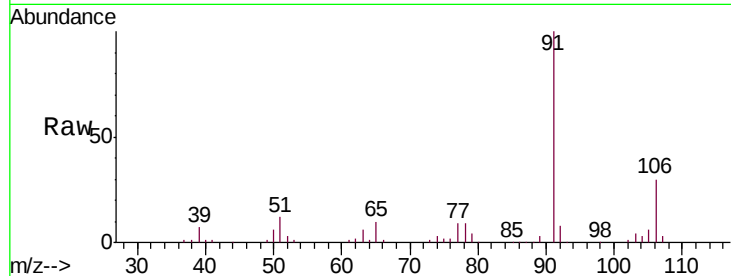




#63
Ethyl Benzene
Concen: 10.568 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

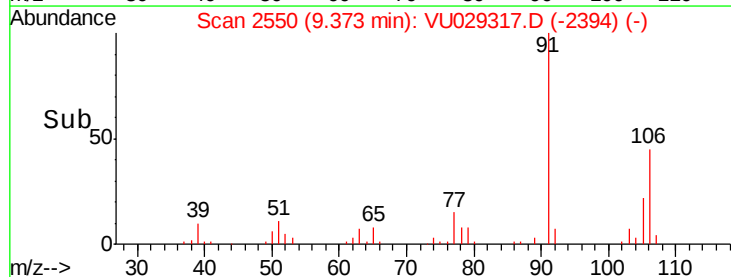
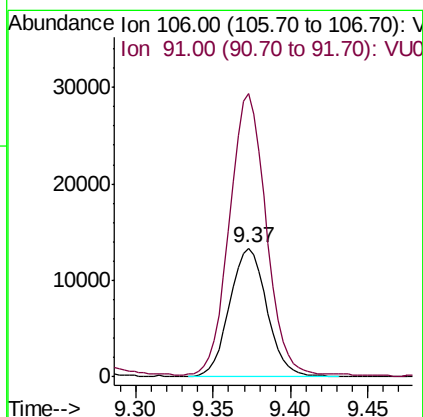
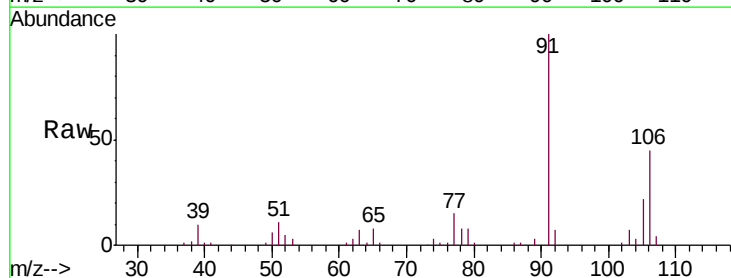
Instrument :
MSVOA_U
ClientSampleId :
PT-RVOA-WS

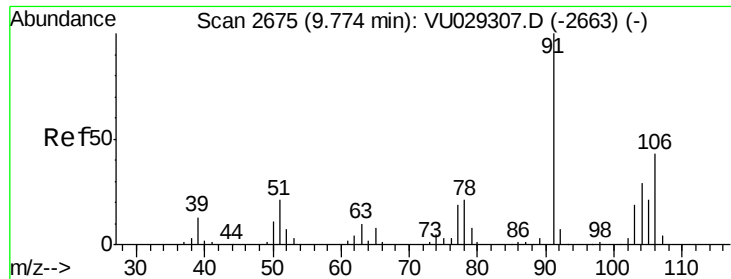
Tgt Ion: 91 Resp: 119598
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#64
m/p-Xylenes
Concen: 5.261 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

Tgt Ion: 106 Resp: 22368
Ion Ratio Lower Upper
106 100
91 217.2 174.6 261.8

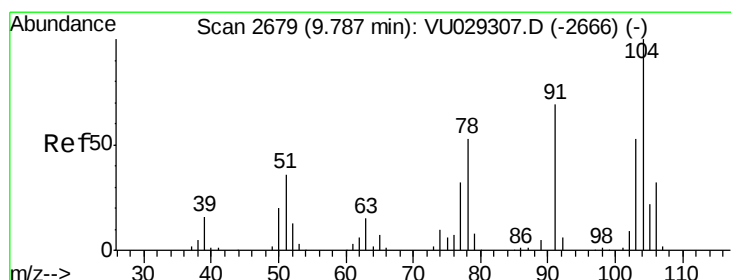
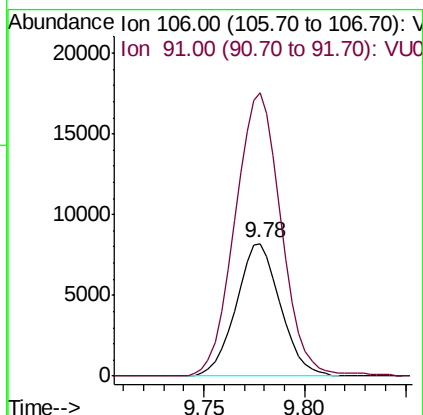
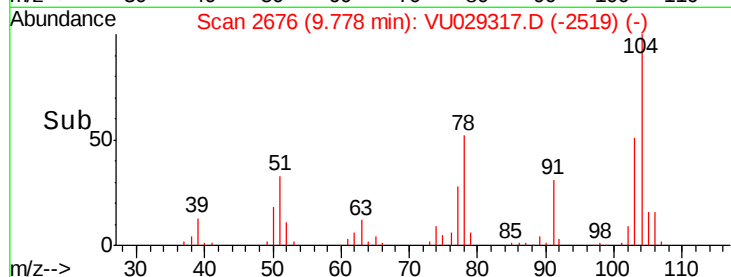
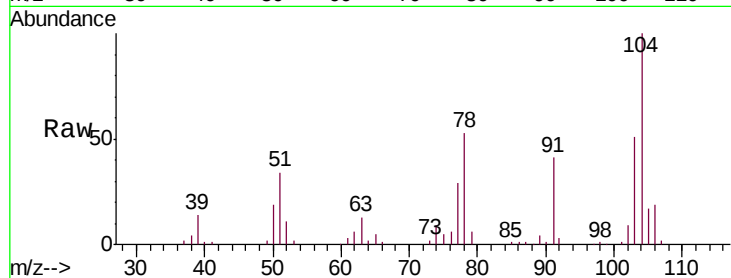




#65
o-Xylene
Concen: 3.093 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

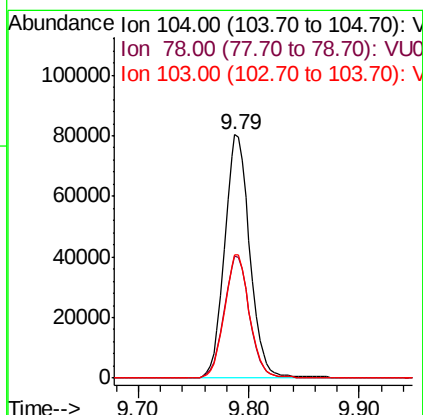
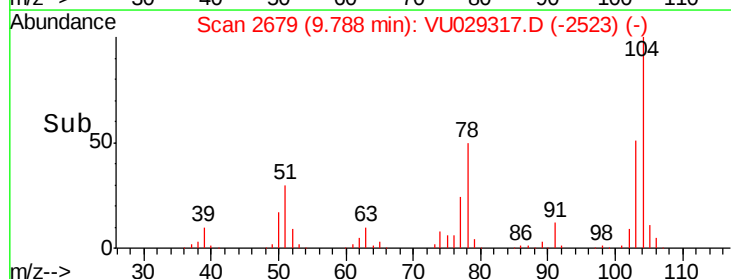
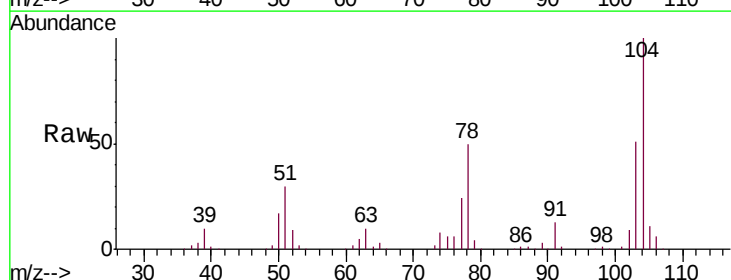
Instrument :
MSVOA_U
ClientSampleId :
PT-RVOA-WS

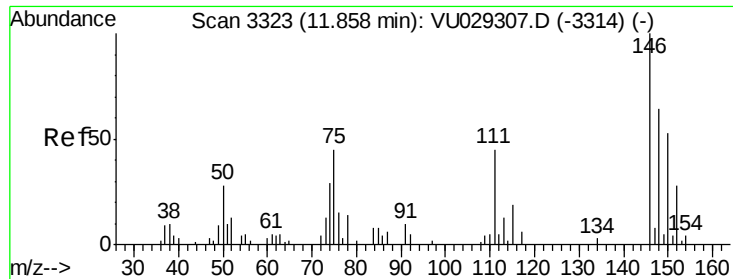
Tgt Ion:106 Resp: 12610
Ion Ratio Lower Upper
106 100
91 223.5 114.5 343.4



#66
Styrene
Concen: 18.187 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VU029317.D
Acq: 30 Jan 2019 15:45

Tgt Ion:104 Resp: 127768
Ion Ratio Lower Upper
104 100
78 50.4 46.5 69.7
103 50.4 44.7 67.1

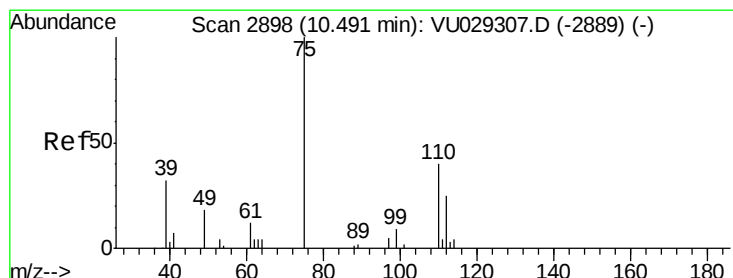
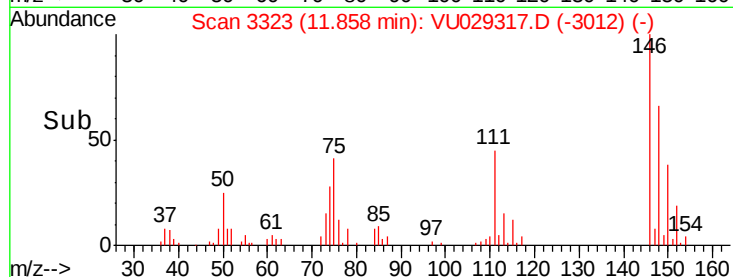
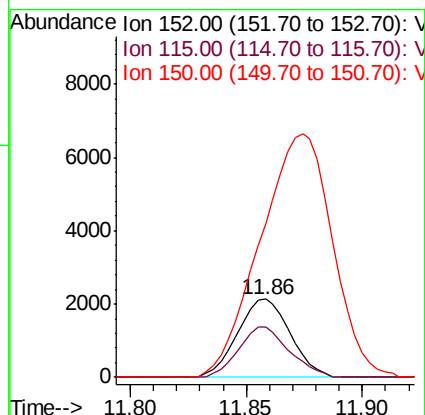
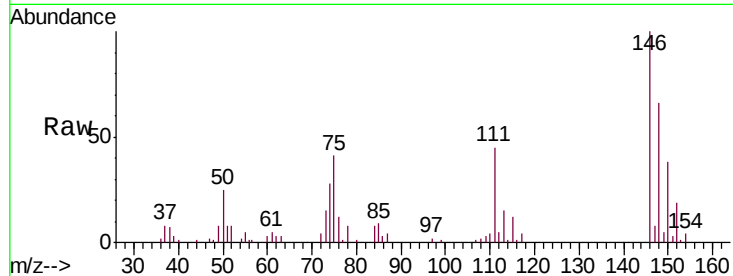




#68
 1,2-Dichlorobenzene-d4
 Concen: N.D. ug/l
 RT: 11.86 min Scan# 3323
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

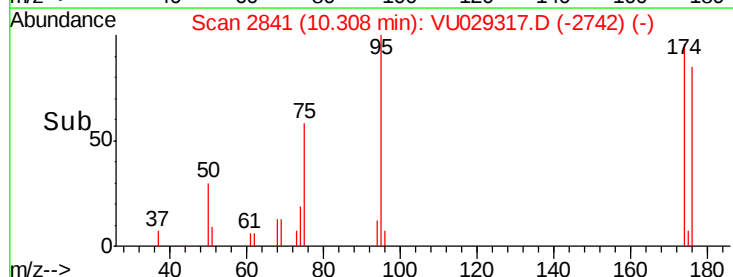
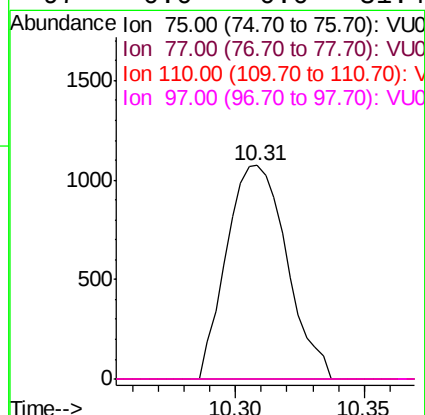
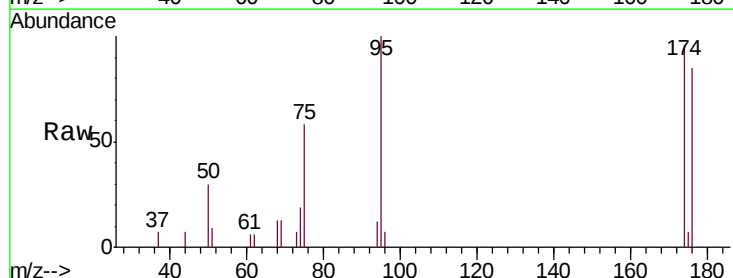
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-RVOA-WS

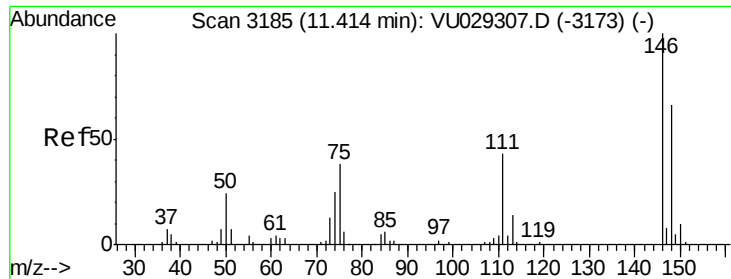
Tgt Ion:152 Resp: 3371
 Ion Ratio Lower Upper
 152 100
 115 62.0 0.0 133.4
 150 426.4 0.0 670.8



#71
 1,2,3-Trichloropropane
 Concen: 0.836 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.18 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

Tgt Ion: 75 Resp: 1742
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0
 110 0.0 0.0 63.6
 97 0.0 0.0 31.4

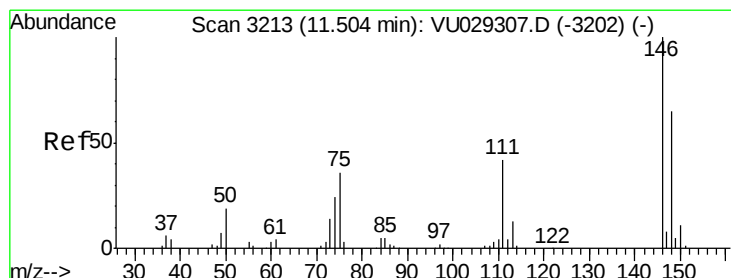
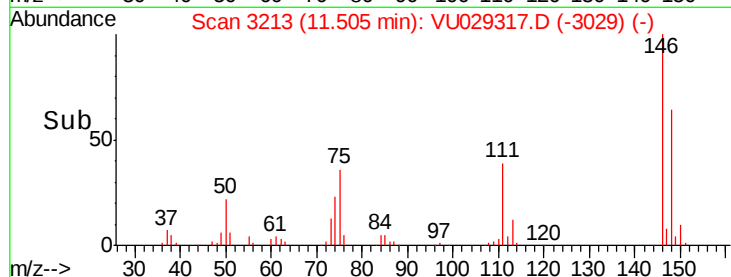
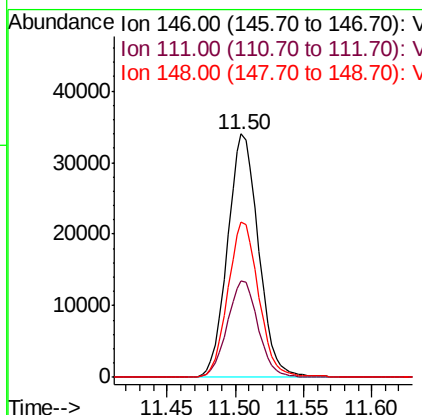
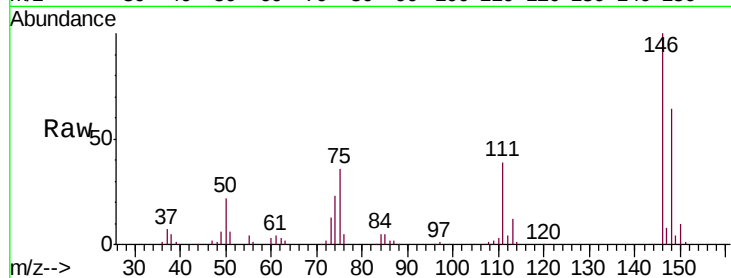




#82
 1,3-Dichlorobenzene
 Concen: 9.309 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.09 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

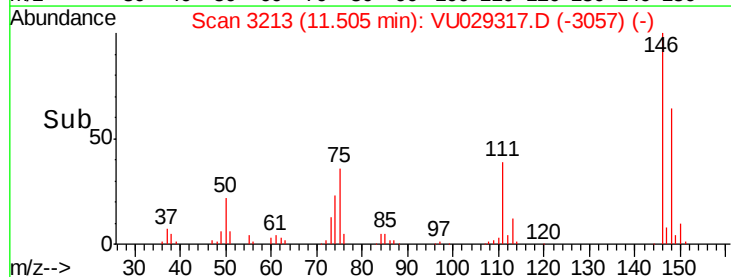
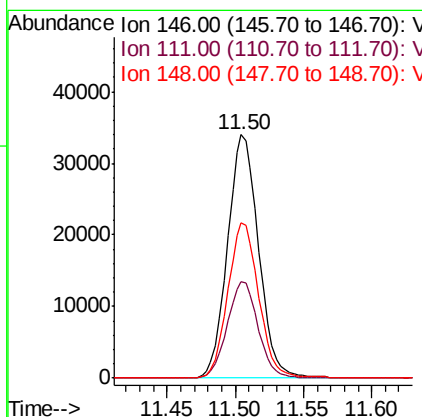
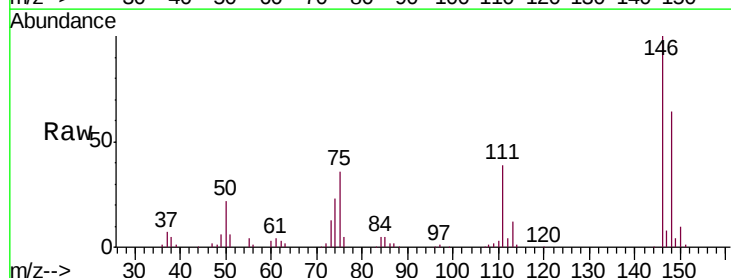
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-RVOA-WS

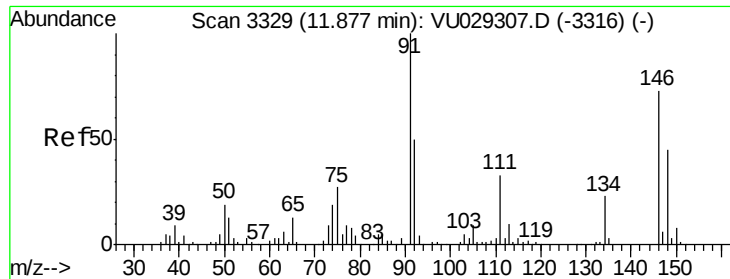
Tgt Ion:146 Resp: 53742
 Ion Ratio Lower Upper
 146 100
 111 39.2 34.1 51.1
 148 63.2 52.3 78.5



#83
 1,4-Dichlorobenzene
 Concen: 9.241 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

Tgt Ion:146 Resp: 53742
 Ion Ratio Lower Upper
 146 100
 111 39.2 32.9 49.3
 148 63.2 51.8 77.6





#85

1,2-Dichlorobenzene

Concen: 17.434 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

Instrument :

MSVOA_U

ClientSampleId :

PT-RVOA-WS

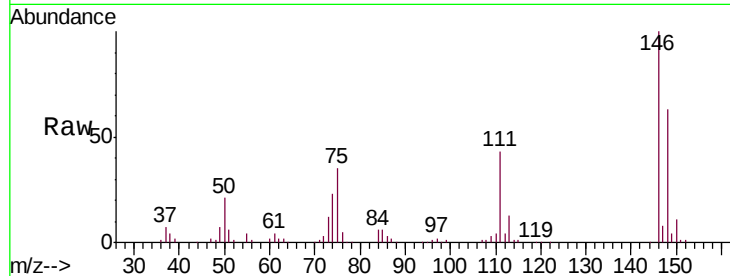
Tgt Ion:146 Resp: 91094

Ion Ratio Lower Upper

146 100

111 43.0 21.9 65.8

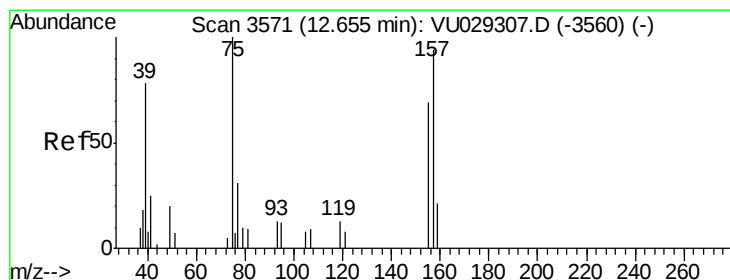
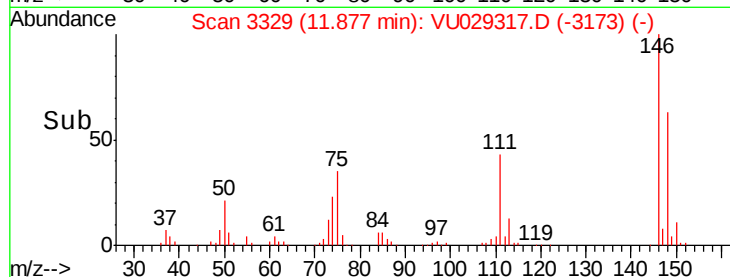
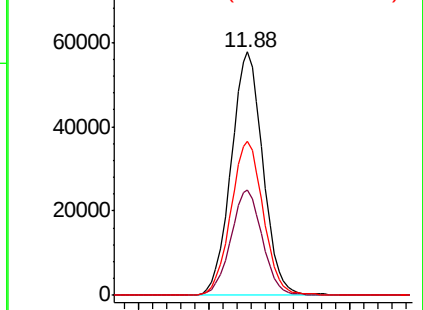
148 64.2 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.488 ug/l

RT: 12.48 min Scan# 3517

Delta R.T. -0.17 min

Lab File: VU029317.D

Acq: 30 Jan 2019 15:45

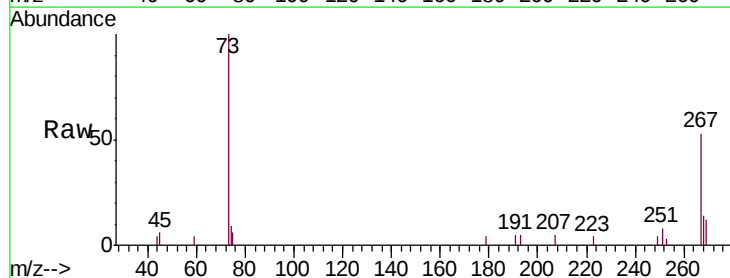
Tgt Ion: 75 Resp: 220

Ion Ratio Lower Upper

75 100

155 0.0 53.8 80.8#

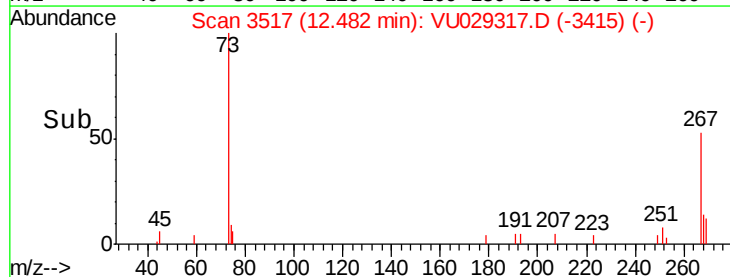
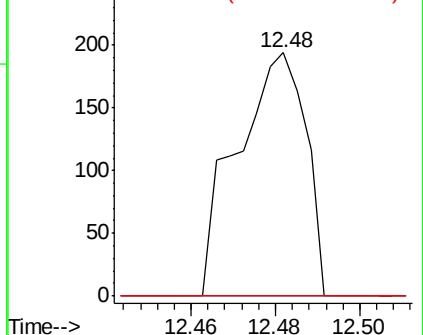
157 0.0 69.2 103.8#

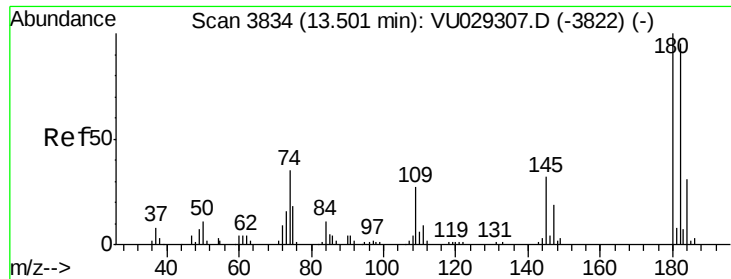


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#87
 1,2,4-Trichlorobenzene
 Concen: 8.585 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029317.D
 Acq: 30 Jan 2019 15:45

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-RVOA-WS

Tgt Ion:180 Resp: 30336
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.6 114.8
 145 29.5 24.6 36.8

