

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027755.D
 Acq On : 23 Oct 2018 08:48
 Operator : MD/SY
 Sample : VU1023WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:08:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

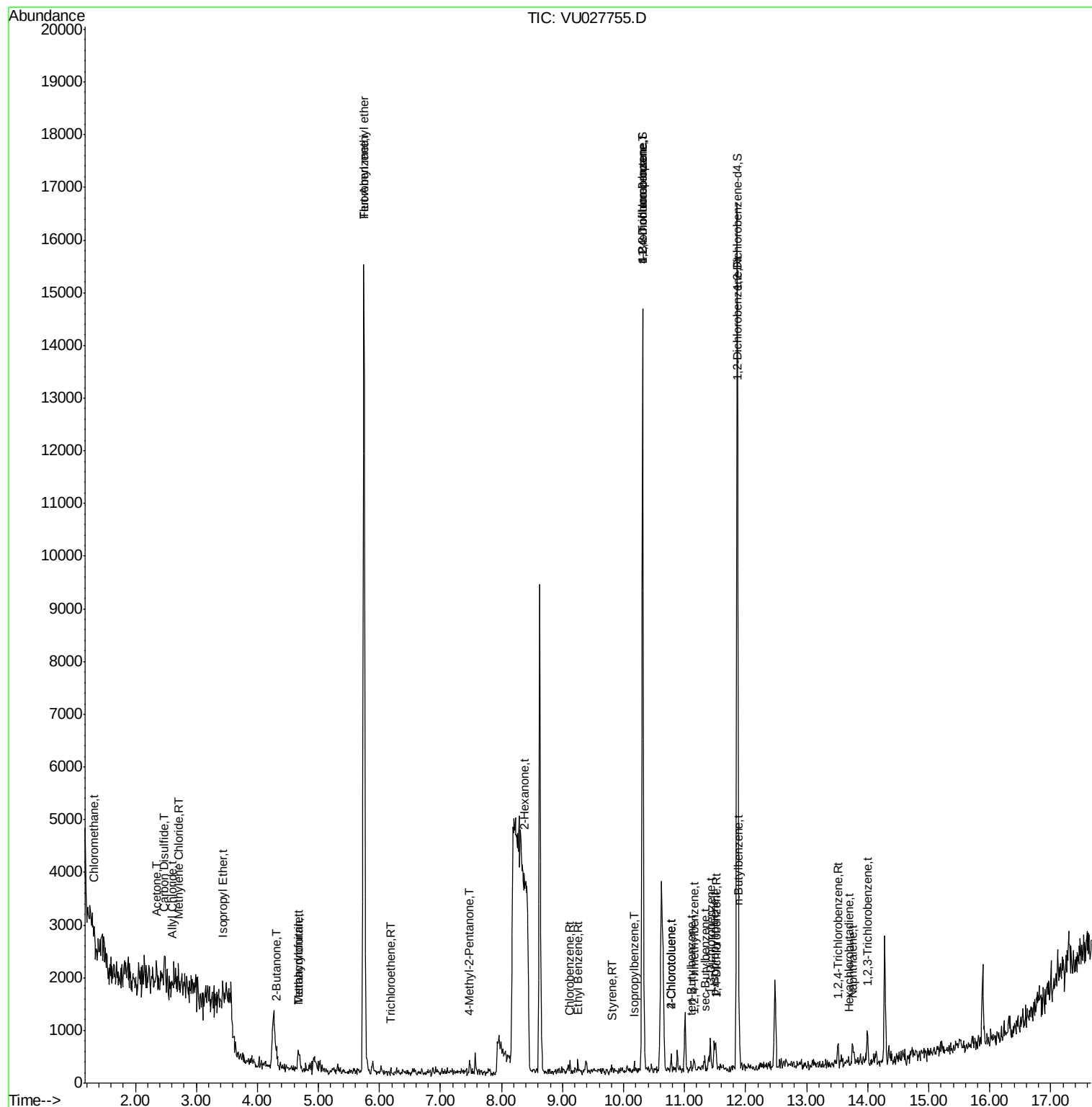
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	14693	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5160	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4914	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
Target Compounds						
					Ovalue	
3) Chloromethane	1.33	50	67	0.011	ug/l #	41
11) Allyl Chloride	2.61	41	381	0.049	ug/l	86
13) Acetone	2.35	43	199	0.218	ug/l #	47
14) Carbon Disulfide	2.48	76	624	0.051	ug/l #	75
15) Methylene Chloride	2.71	84	87	0.021	ug/l #	46
18) 2-Butanone	4.31	43	41	0.027	ug/l	79
31) Isopropyl Ether	3.45	45	39	0.003	ug/l #	1
33) Tert-Amyl methyl ether	5.74	73	62	0.006	ug/l #	58
37) Trichloroethene	6.19	130	19	0.005	ug/l #	1
39) Methacrylonitrile	4.67	41	271	0.136	ug/l #	28
41) Tetrahydrofuran	4.67	42	314	0.285	ug/l #	40
45) 4-Methyl-2-Pentanone	7.48	43	275	0.078	ug/l #	46
46) t-1,4-Dichloro-2-butene	10.31	75	2709	2.129	ug/l #	19
54) 2-Hexanone	8.39	43	39	0.016	ug/l #	36
59) Chlorobenzene	9.13	112	41	0.004	ug/l #	43
63) Ethyl Benzene	9.25	91	132	0.006	ug/l #	45
66) Styrene	9.80	104	43	0.004	ug/l #	23
69) Isopropylbenzene	10.17	105	44	0.002	ug/l #	50
71) 1,2,3-Trichloropropane	10.31	75	2709	0.893	ug/l #	47
74) 2-Chlorotoluene	10.78	126	19	0.004	ug/l #	1
76) 4-Chlorotoluene	10.78	126	19	0.004	ug/l #	1
77) tert-Butylbenzene	11.11	119	69	0.004	ug/l #	28
78) 1,2,4-Trimethylbenzene	11.15	105	205	0.012	ug/l #	33
79) sec-Butylbenzene	11.33	105	279	0.013	ug/l #	58
81) p-Isopropyltoluene	11.48	119	227	0.013	ug/l #	50
82) 1,3-Dichlorobenzene	11.42	146	277	0.032	ug/l #	64
83) 1,4-Dichlorobenzene	11.51	146	382	0.044	ug/l #	69
84) n-Butylbenzene	11.90	91	517	0.030	ug/l #	76
85) 1,2-Dichlorobenzene	11.88	146	224	0.027	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.51	180	180	0.030	ug/l #	22
88) Hexachlorobutadiene	13.69	225	62	0.017	ug/l #	19
89) Naphthalene	13.75	128	692	0.061	ug/l #	69
90) 1,2,3-Trichlorobenzene	13.99	180	372	0.064	ug/l #	79

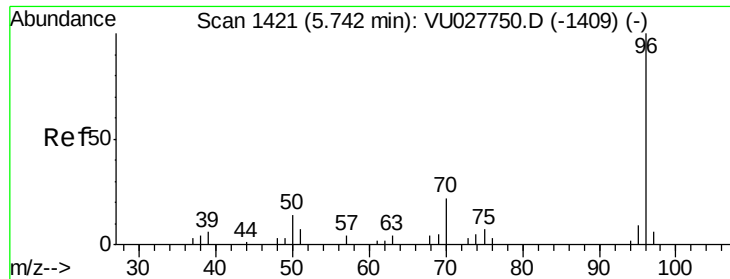
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102318\
Data File : VU027755.D
Acq On : 23 Oct 2018 08:48
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ClientSampleId :

Quant Time: Oct 24 05:08:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1422

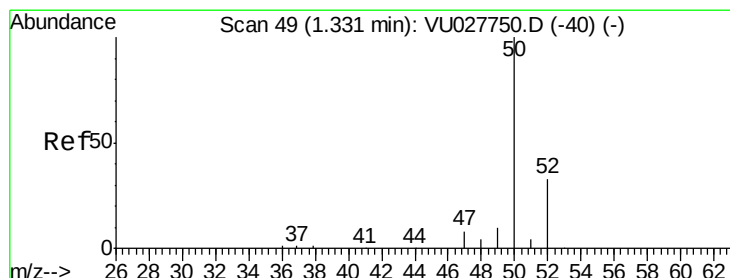
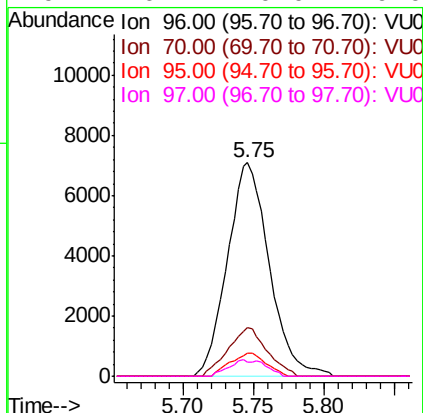
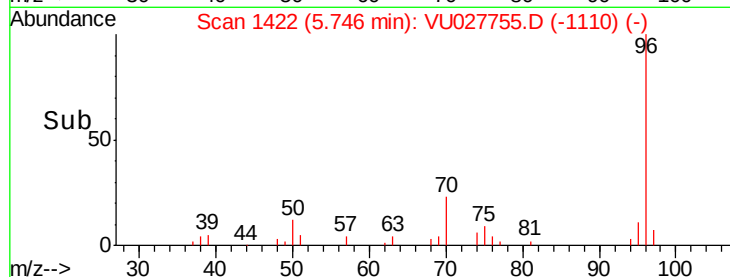
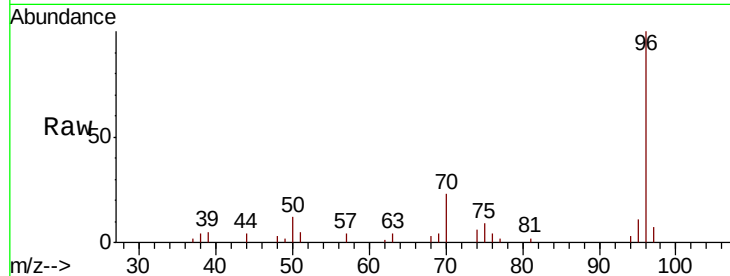
Delta R.T. 0.00 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	14693
Ion	Ratio	Lower	Upper
96	100		
70	21.2	17.7	26.5
95	9.3	7.0	10.6
97	6.7	0.0	0.0#



#3

Chloromethane

Concen: 0.011 ug/l

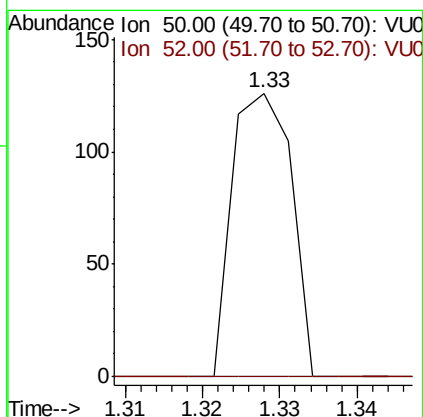
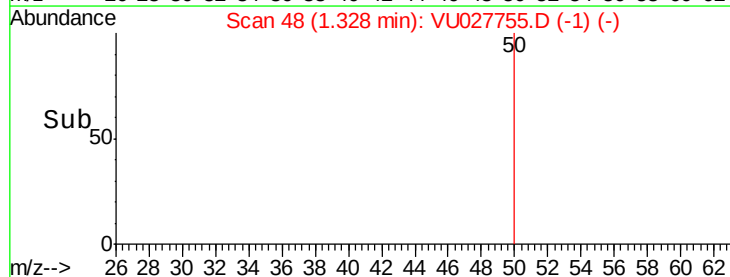
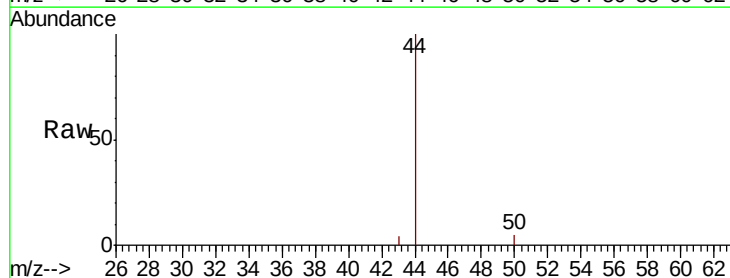
RT: 1.33 min Scan# 48

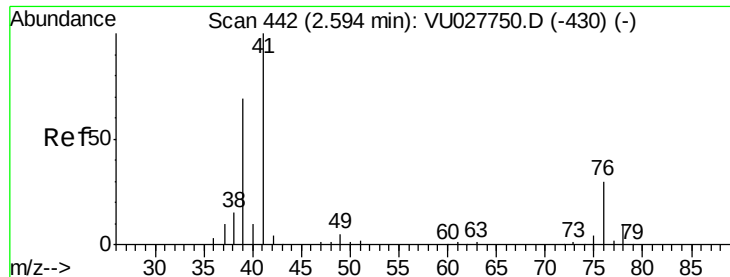
Delta R.T. -0.00 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Tgt Ion:	50	Resp:	67
Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	40.0#

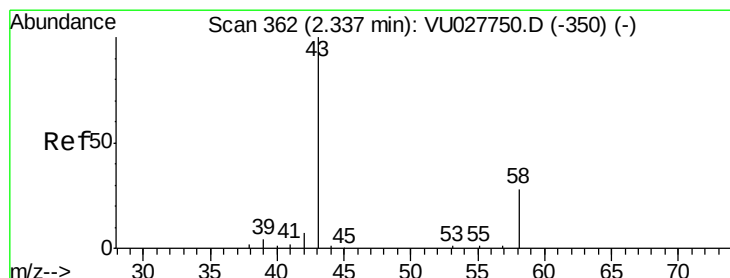
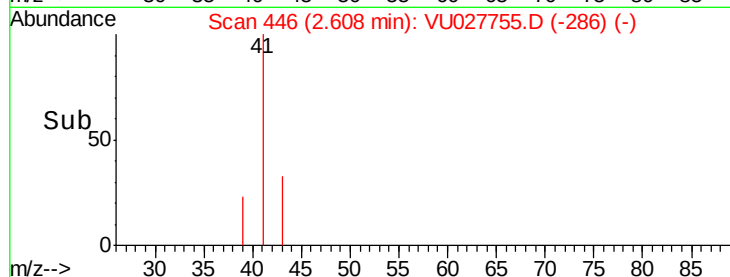
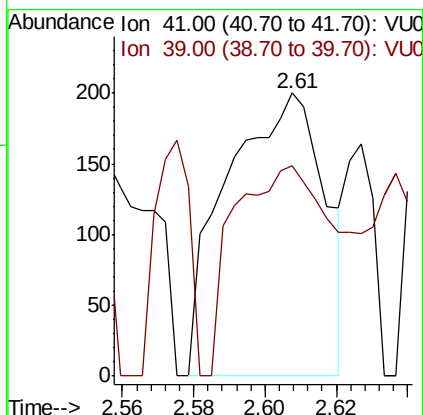
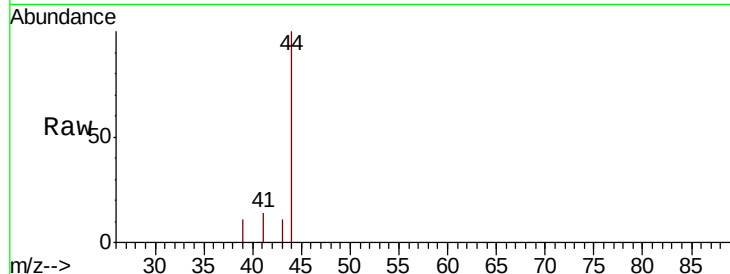




#11
Allvl Chloride
Concen: 0.049 ug/l
RT: 2.61 min Scan# 446
Delta R.T. 0.01 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

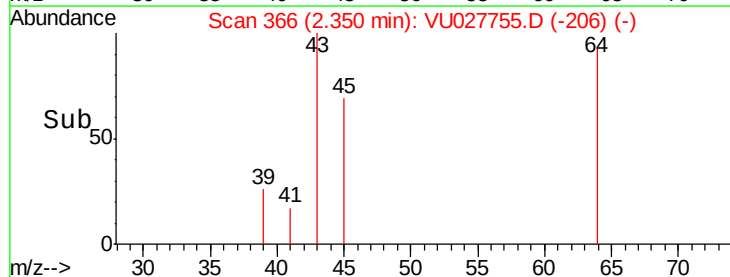
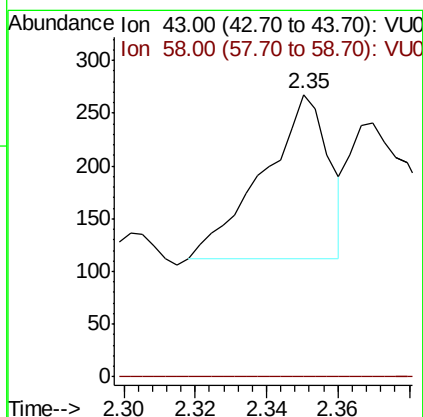
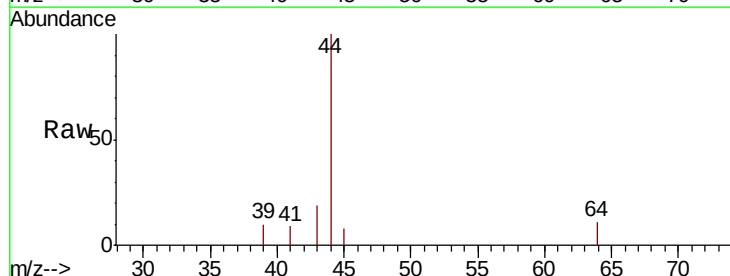
Instrument :
MSVOA_U
ClientSampleId :

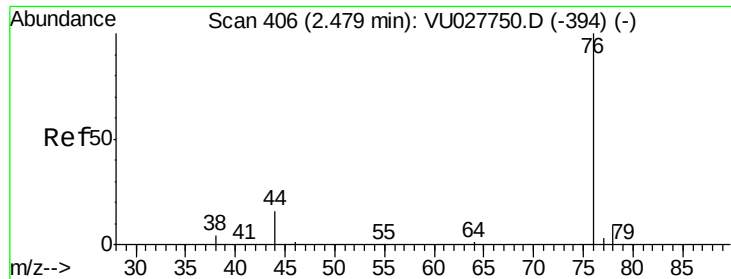
Tot Ion: 41 Resp: 381
Ion Ratio Lower Upper
41 100
39 80.3 55.4 83.0



#13
Acetone
Concen: 0.218 ug/l
RT: 2.35 min Scan# 366
Delta R.T. 0.01 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 43 Resp: 199
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#14

Carbon Disulfide

Concen: 0.051 ug/l

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_U

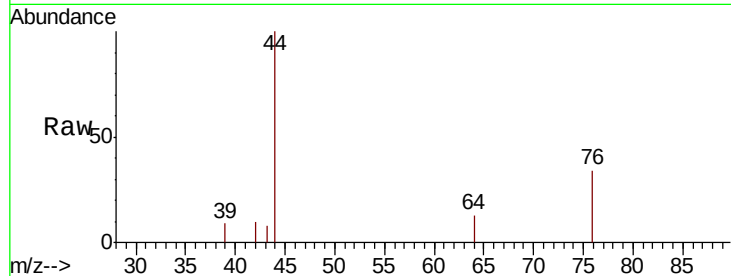
ClientSampled :

Tot Ion: 76 Resp: 624

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

400

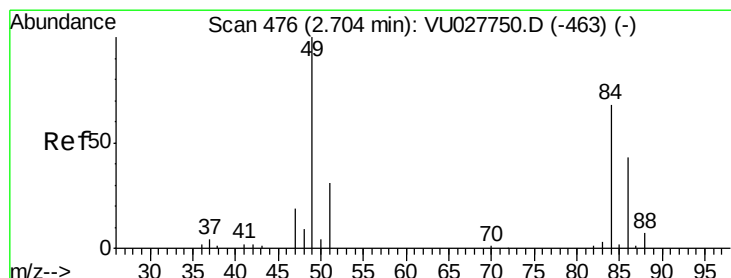
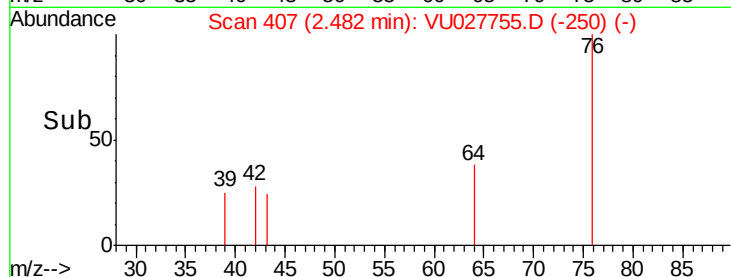
300

200

100

0

Time-->



#15

Methylene Chloride

Concen: 0.021 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Tgt Ion: 84 Resp: 87

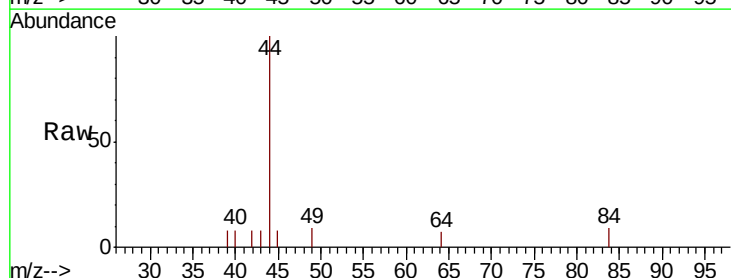
Ion Ratio Lower Upper

84 100

49 100.8 118.5 177.7#

51 0.0 0.0 91.0

86 0.0 50.7 76.1#



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

200

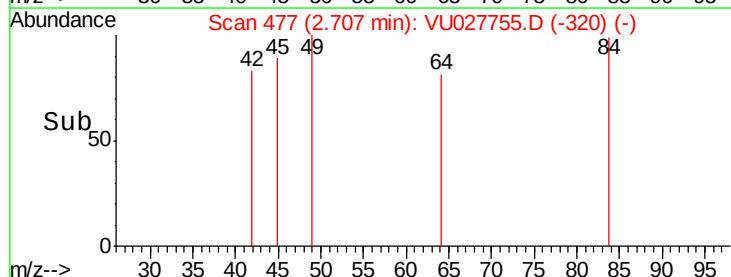
150

100

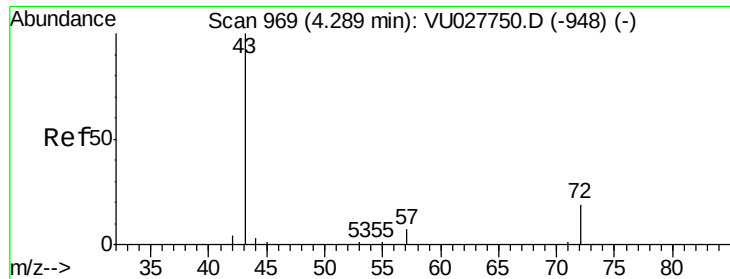
50

0

Time-->



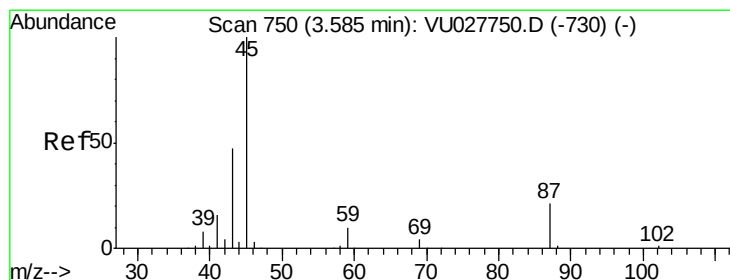
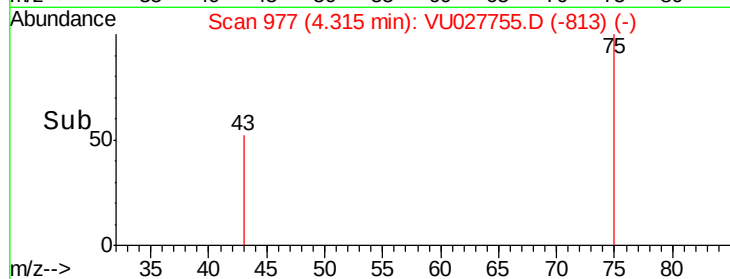
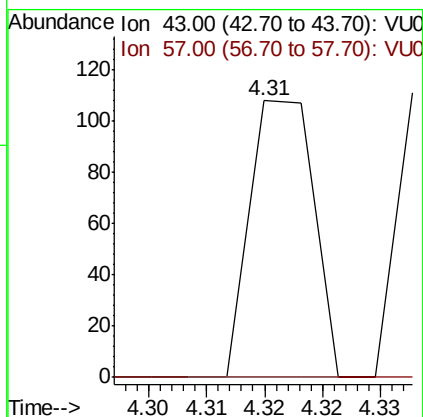
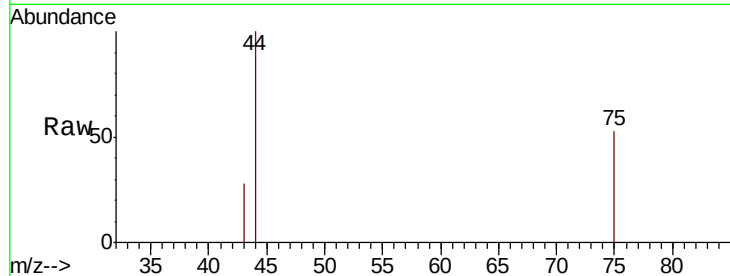
Time-->



#18
2-Butanone
Concen: 0.027 ug/l
RT: 4.31 min Scan# 977
Delta R.T. 0.03 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

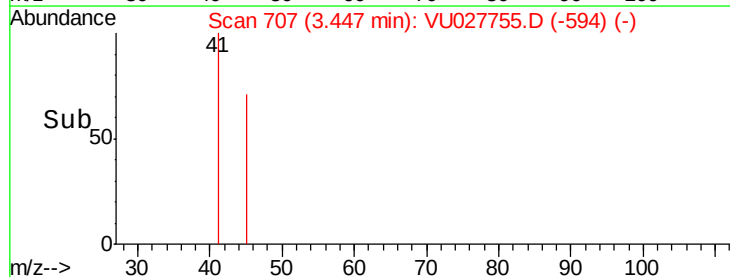
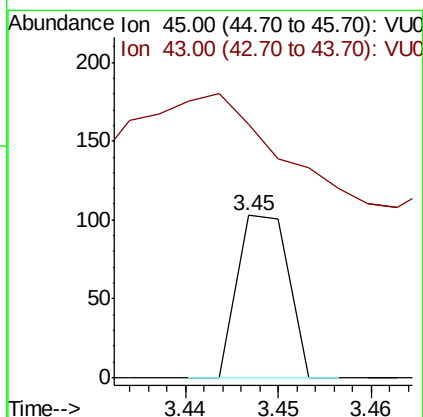
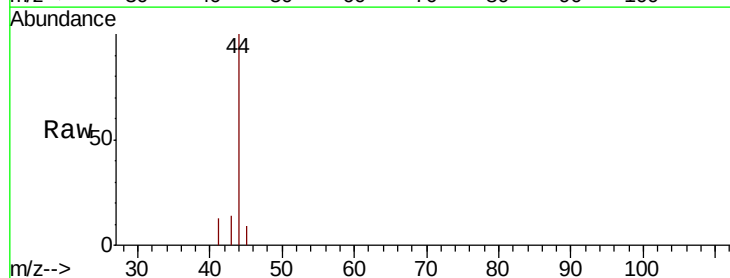
Instrument :
MSVOA_U
ClientSampled :

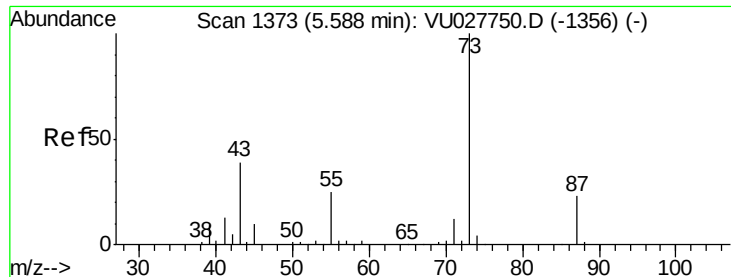
Tot Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
57 0.0 0.0 14.4



#31
Isopropyl Ether
Concen: 0.003 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.14 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 45 Resp: 39
Ion Ratio Lower Upper
45 100
43 451.3 24.5 73.5#

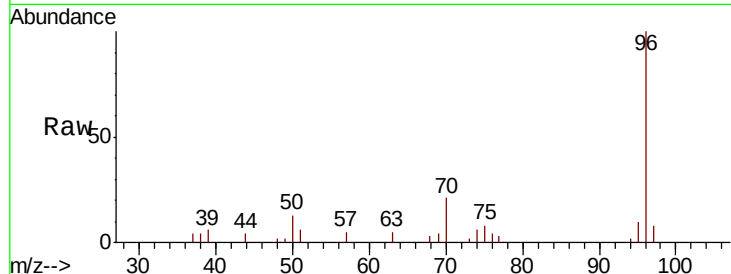




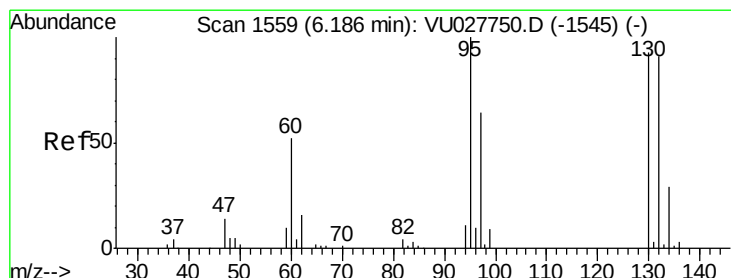
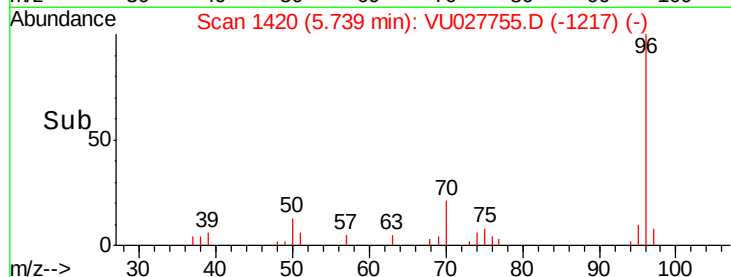
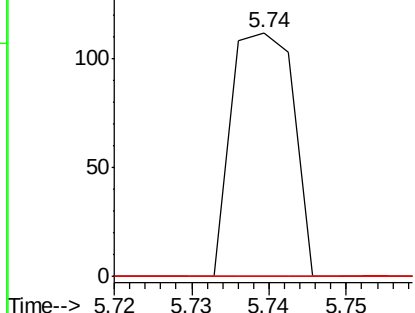
#33
Tert-Butyl methyl ether
Concen: 0.006 ug/l
RT: 5.74 min Scan# 1420
Delta R.T. 0.15 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 62
Ion Ratio Lower Upper
73 100
87 0.0 18.5 27.7#
71 0.0 9.1 13.7#

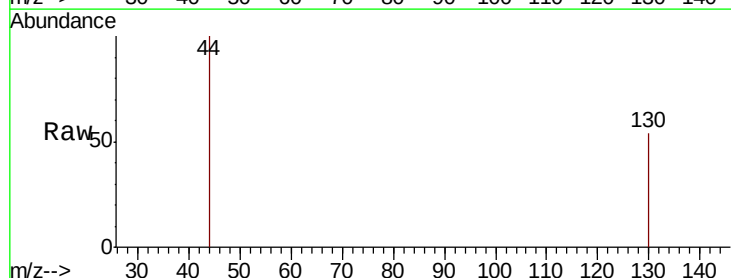


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

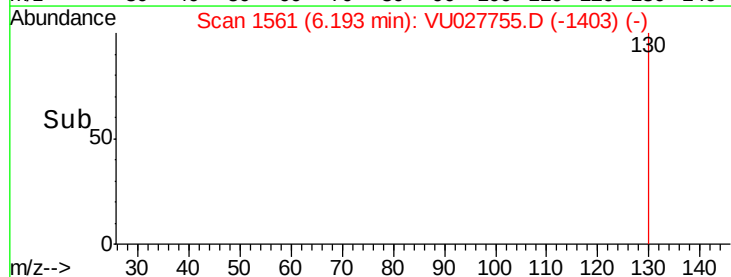
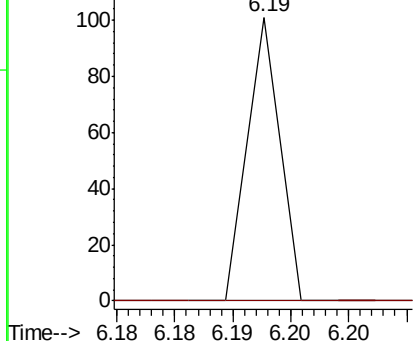


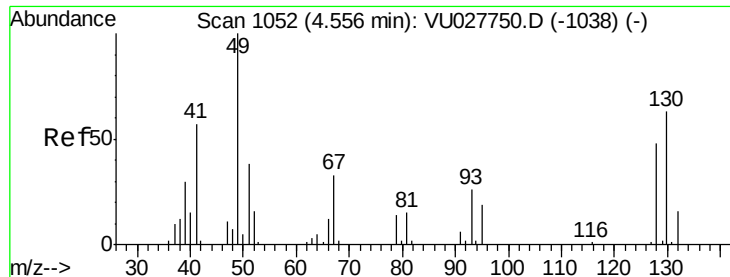
#37
Trichloroethene
Concen: 0.005 ug/l
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 130 Resp: 19
Ion Ratio Lower Upper
130 100
95 0.0 86.4 129.6#



Abundance Ion 129.90 (129.60 to 130.60): V
Ion 94.90 (94.60 to 95.60): VU0

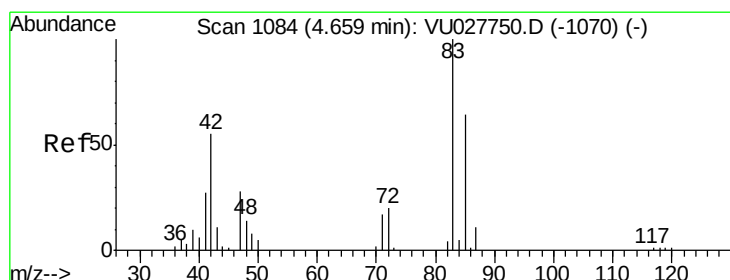
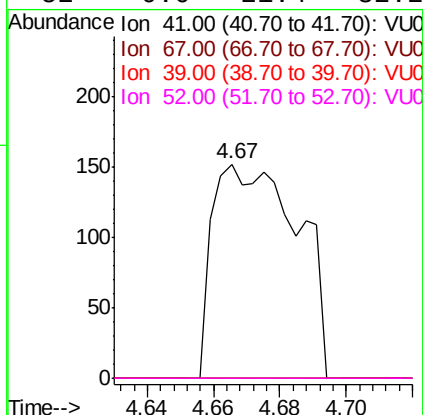
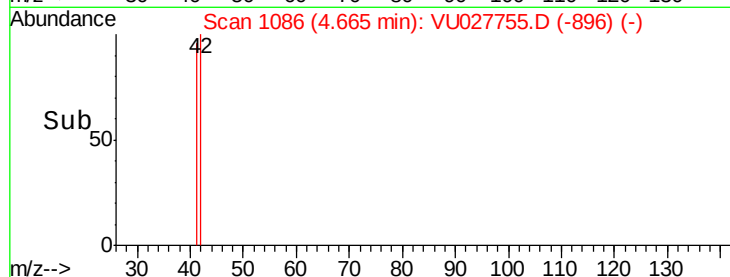
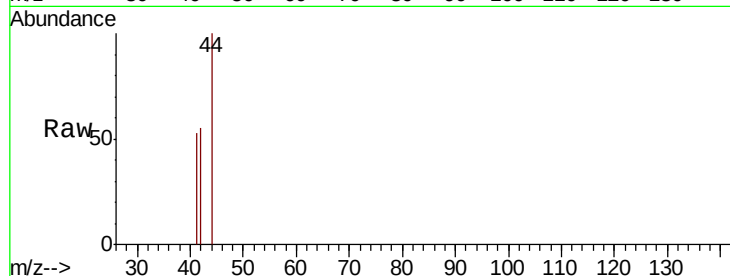




#39
Methacrylonitrile
Concen: 0.136 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.11 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

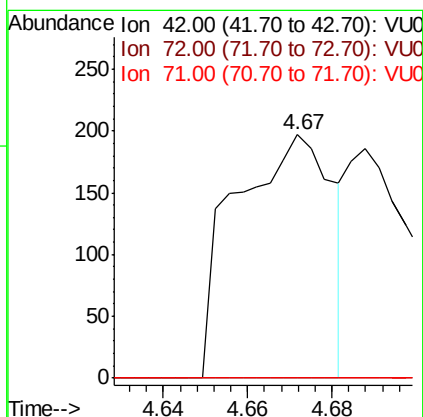
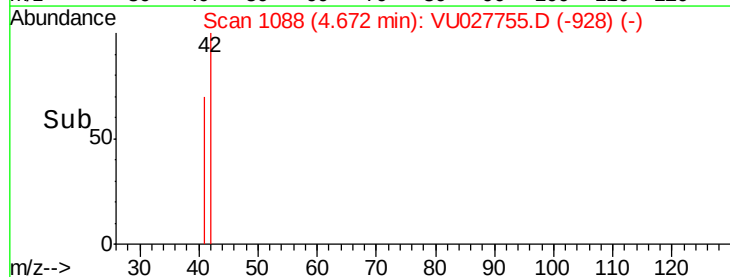
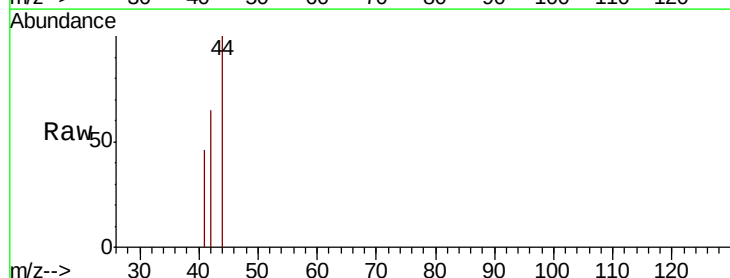
Instrument :
MSVOA_U
ClientSampleId :

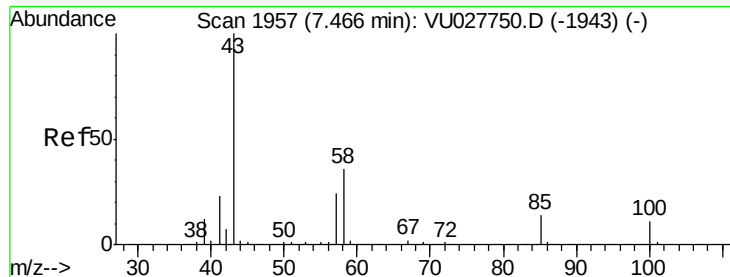
Tot Ion	Ratio	Lower	Upper
41	100		
67	0.0	46.1	69.1#
39	0.0	43.6	65.4#
52	0.0	21.4	32.2#



#41
Tetrahydrofuran
Concen: 0.285 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.6	45.8#
71	0.0	25.2	37.8#





#45

4-Methyl-2-Pentanone

Concen: 0.078 ug/l

RT: 7.48 min Scan# 1961

Delta R.T. 0.01 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_U

ClientSampleId :

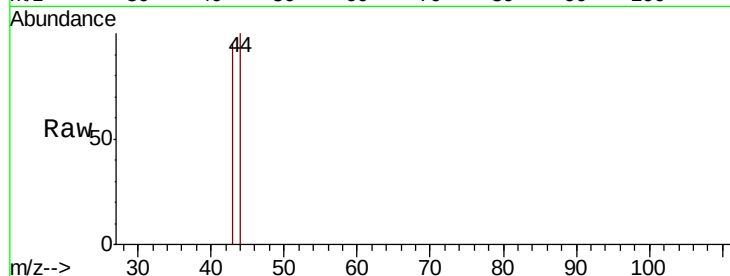
Tot Ion: 43 Resp: 275

Ion Ratio Lower Upper

43 100

58 0.0 17.9 53.8#

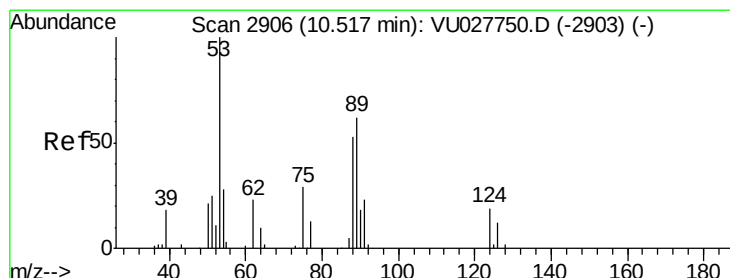
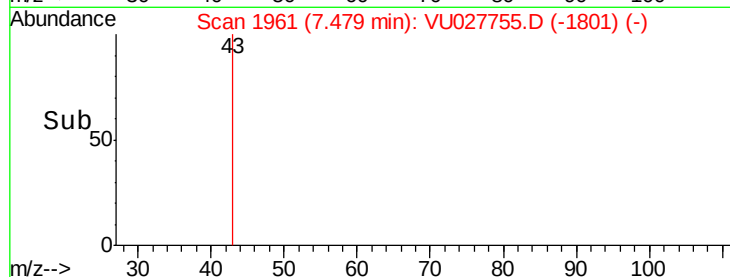
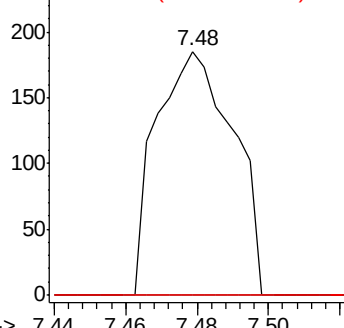
85 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 2.129 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.21 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Tgt Ion: 75 Resp: 2709

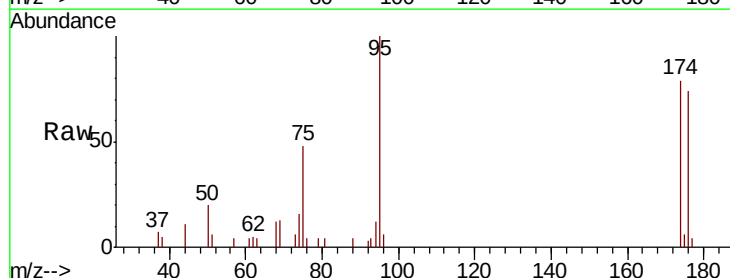
Ion Ratio Lower Upper

75 100

53 0.0 68.2 102.4#

89 0.0 41.8 62.6#

88 2.5 33.8 50.8#

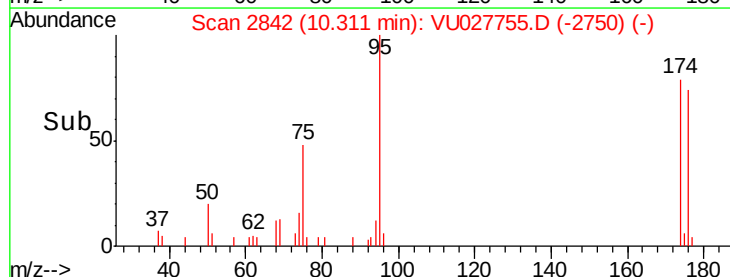
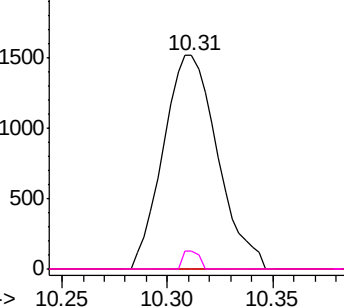


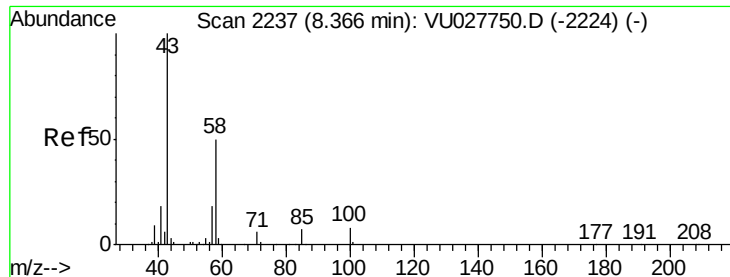
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0

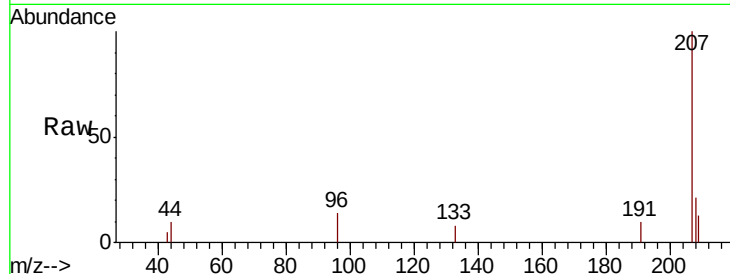




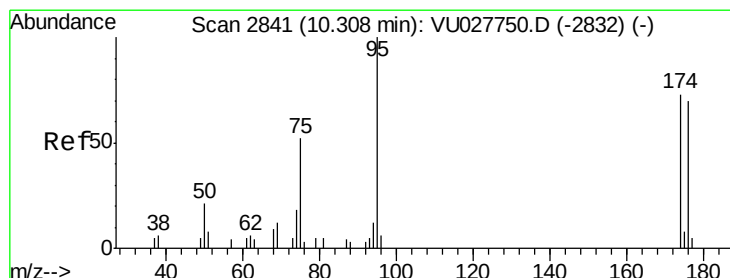
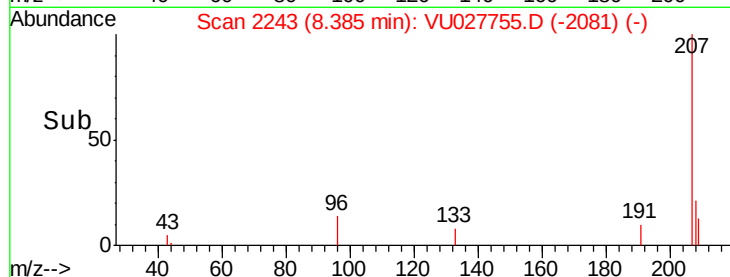
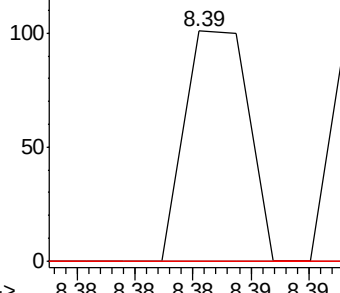
#54
2-Hexanone
Concen: 0.016 ug/l
RT: 8.39 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
58 0.0 30.0 70.0#
57 0.0 0.0 37.7

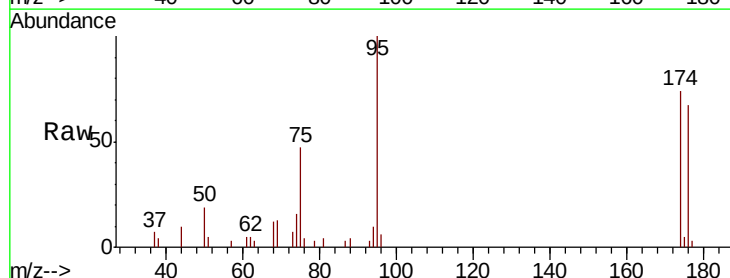


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

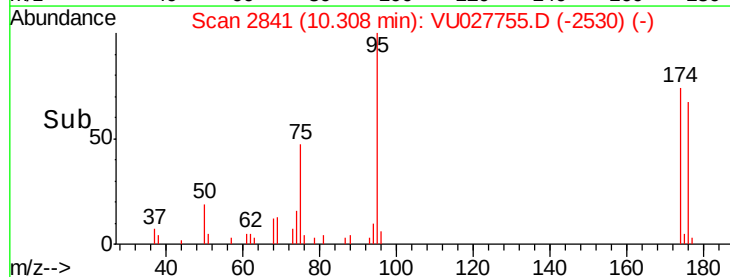
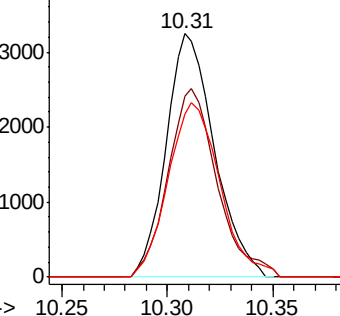


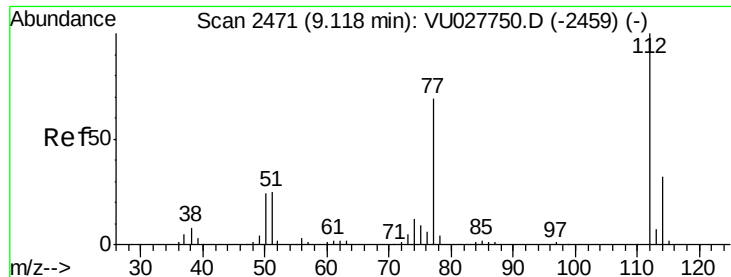
#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 95 Resp: 5160
Ion Ratio Lower Upper
95 100
174 78.8 64.5 96.7
176 77.0 58.3 87.5



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

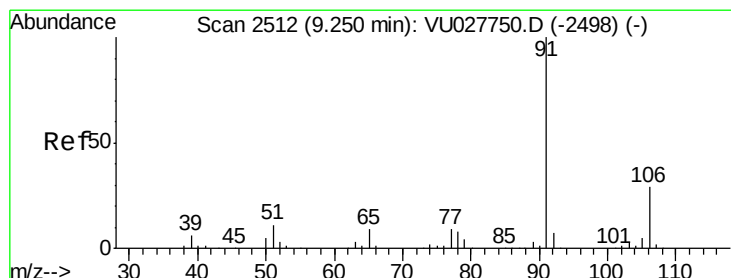
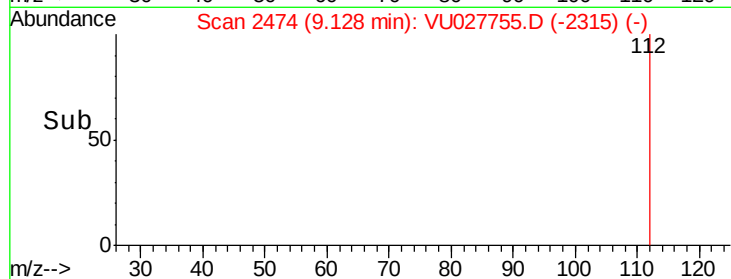
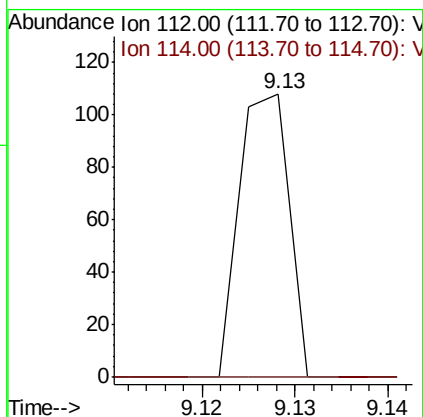
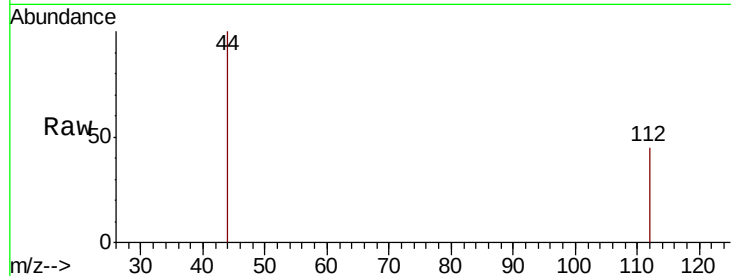




#59
Chlorobenzene
Concen: 0.004 ug/l
RT: 9.13 min Scan# 2474
Delta R.T. 0.01 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

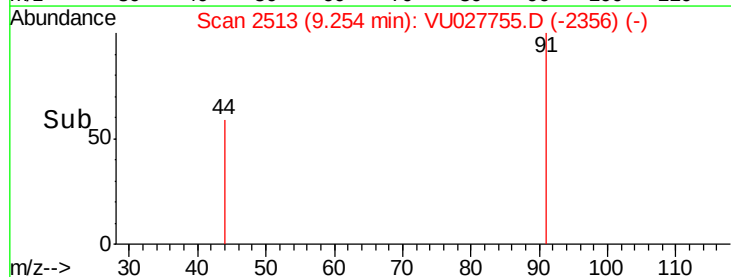
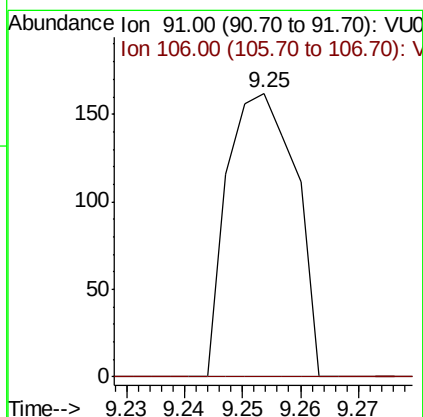
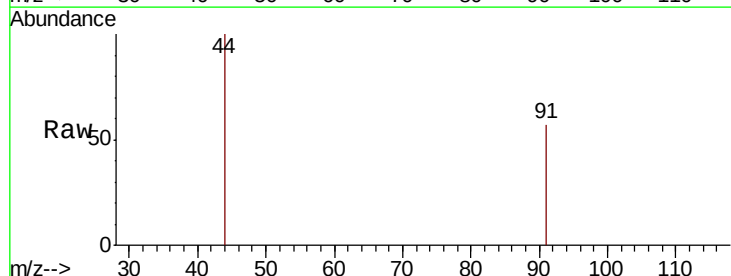
Instrument :
MSVOA_U
ClientSampled :

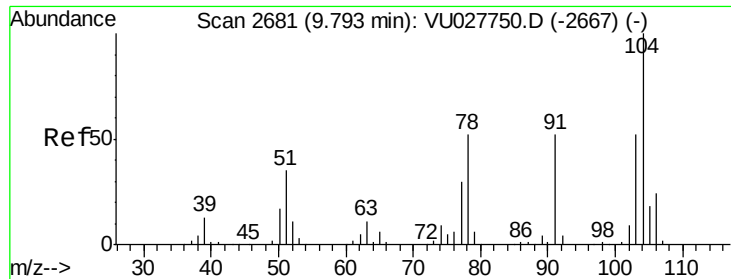
Tot Ion:112 Resp: 41
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#



#63
Ethyl Benzene
Concen: 0.006 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 91 Resp: 132
Ion Ratio Lower Upper
91 100
106 0.0 23.5 35.3#

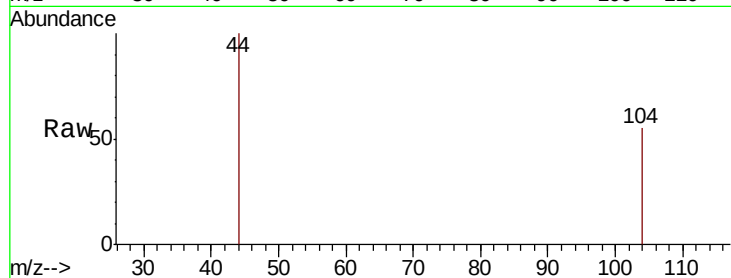




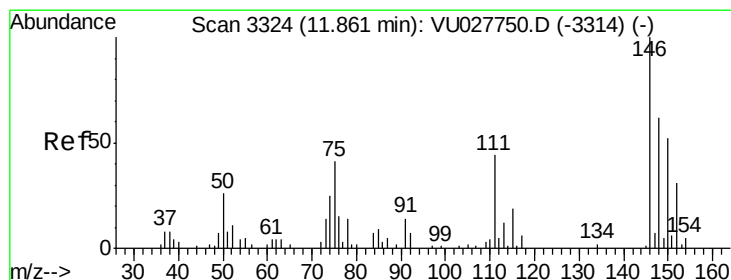
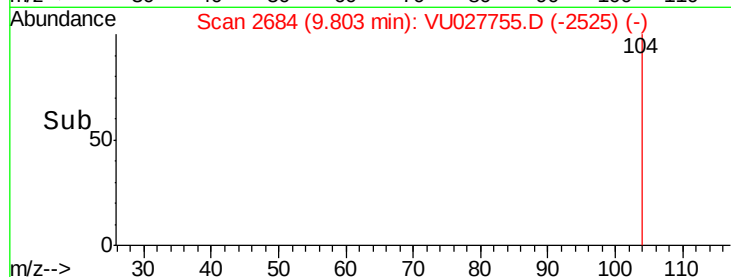
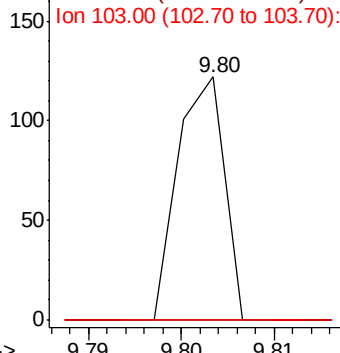
#66
Stvrene
Concen: 0.004 ug/l
RT: 9.80 min Scan# 2684
Delta R.T. 0.01 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:104 Resp: 43
Ion Ratio Lower Upper
104 100
78 0.0 45.2 67.8#
103 0.0 44.8 67.2#

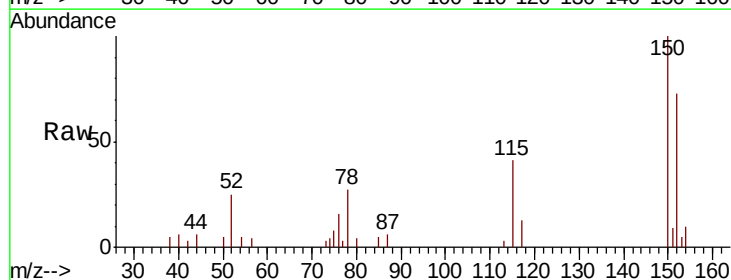


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

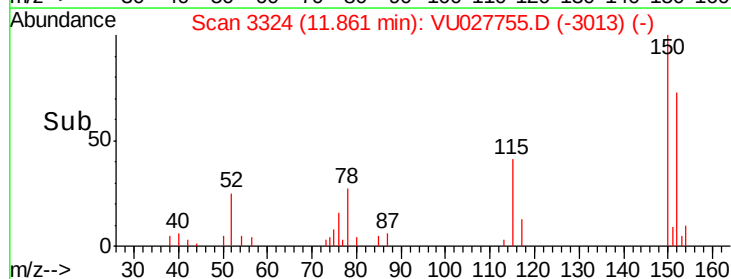
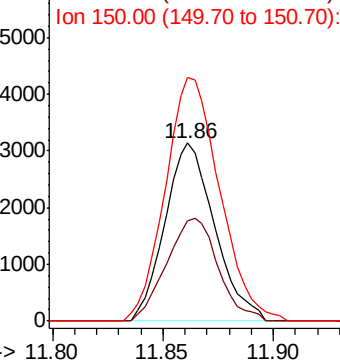


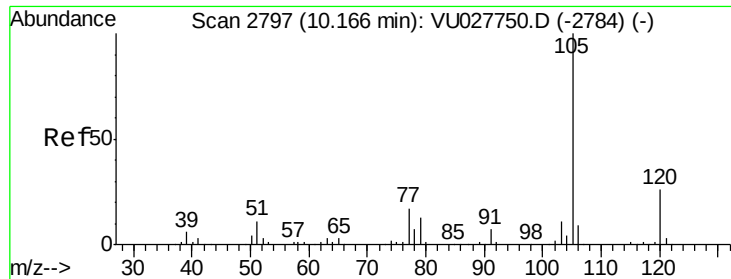
#68
1,2-Dichlorobenzene-d4
Concen: N.D. ug/l
RT: 11.86 min Scan# 3324
Delta R.T. 0.00 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion:152 Resp: 4914
Ion Ratio Lower Upper
152 100
115 59.7 0.0 130.2
150 149.6 0.0 650.6



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





#69

Isopropylbenzene

Concen: 0.002 ug/l

RT: 10.17 min Scan# 2799

Delta R.T. 0.01 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_U

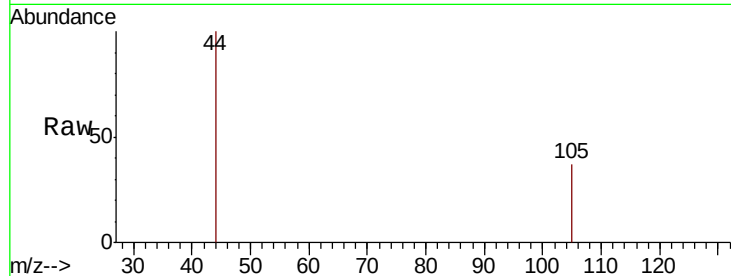
ClientSampled :

Tot Ion: 105 Resp: 44

Ion Ratio Lower Upper

105 100

120 0.0 12.8 38.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

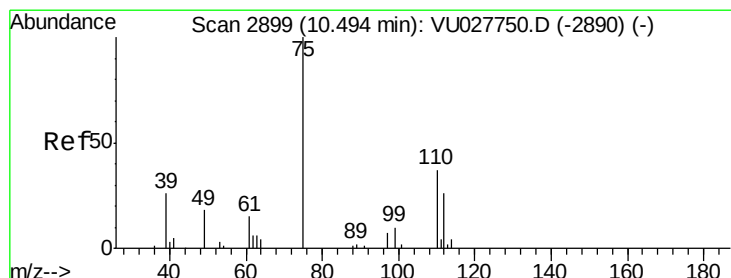
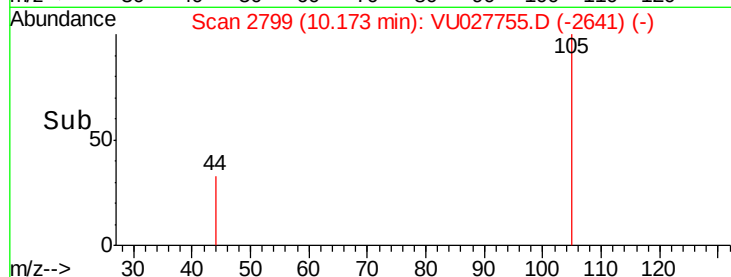
10.17

100

50

0

Time--> 10.16 10.17 10.18



#71

1,2,3-Trichloropropane

Concen: 0.893 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Tgt Ion: 75 Resp: 2709

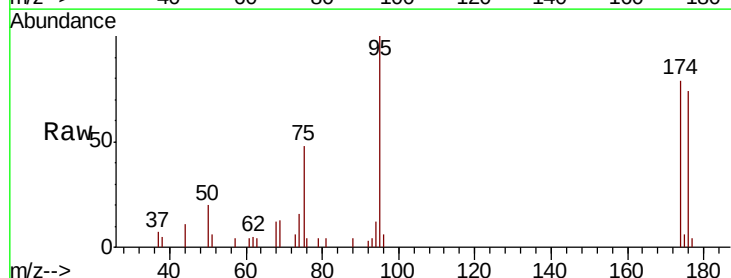
Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#

110 0.0 0.0 68.2

97 0.0 0.0 35.2



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

2000

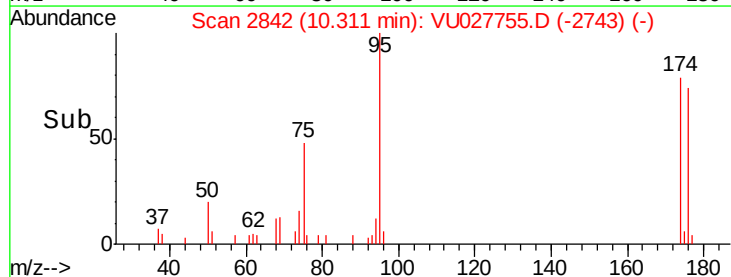
1500

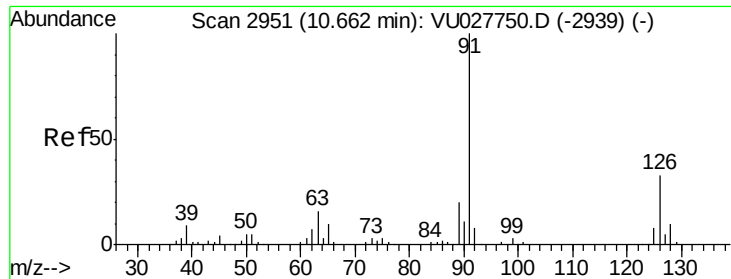
1000

500

0

Time--> 10.25 10.30 10.35





#74

2-Chlorotoluene

Concen: 0.004 ug/l

RT: 10.78 min Scan# 2989

Delta R.T. 0.12 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_U

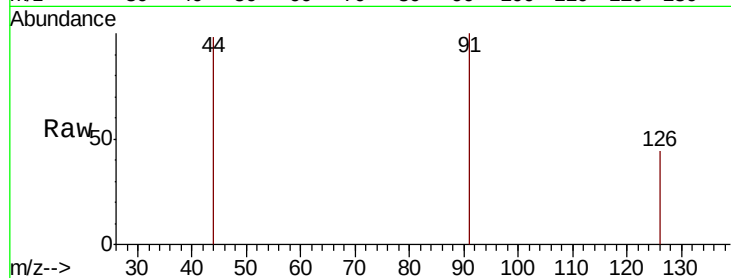
ClientSampled :

Tot Ion:126 Resp: 19

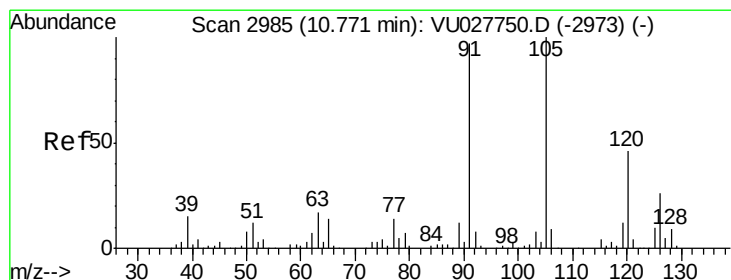
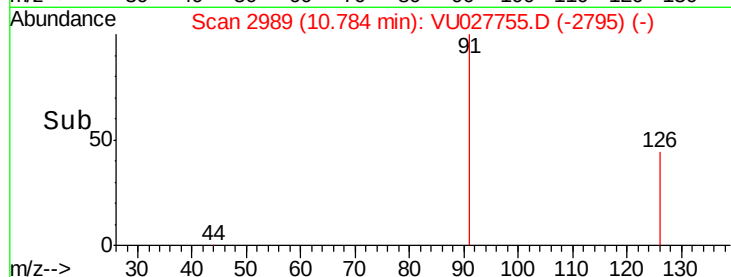
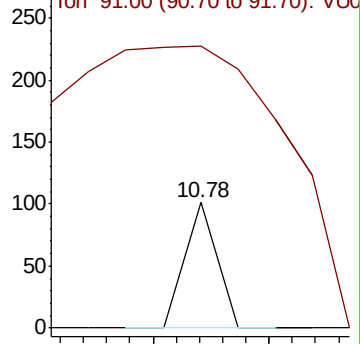
Ion Ratio Lower Upper

126 100

91 1868.4 0.0 628.8#



Abundance Ion 126.00 (125.70 to 126.70): V



#76

4-Chlorotoluene

Concen: 0.004 ug/l

RT: 10.78 min Scan# 2989

Delta R.T. 0.01 min

Lab File: VU027755.D

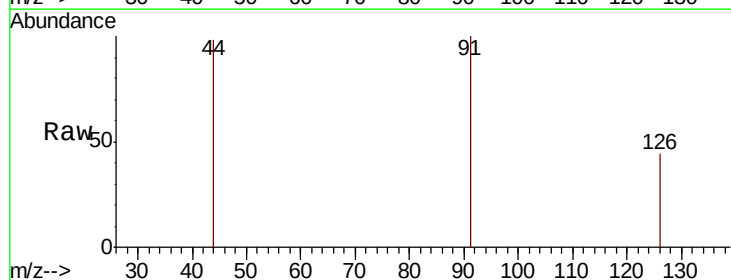
Acq: 23 Oct 2018 08:48

Tgt Ion:126 Resp: 19

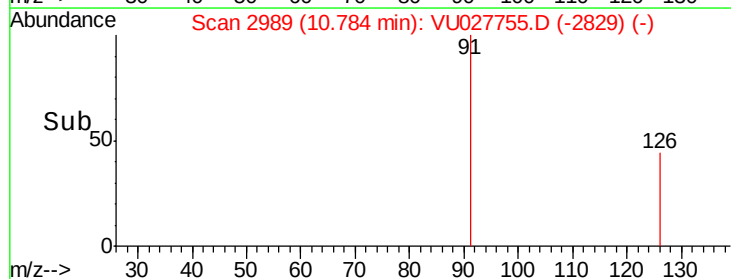
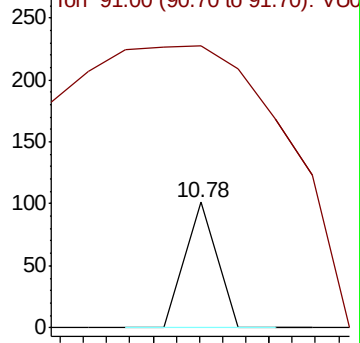
Ion Ratio Lower Upper

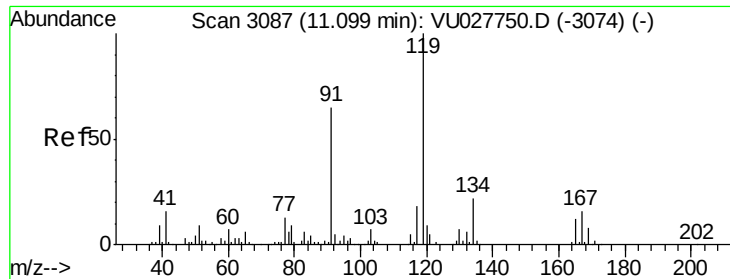
126 100

91 1868.4 0.0 734.4#



Abundance Ion 126.00 (125.70 to 126.70): V

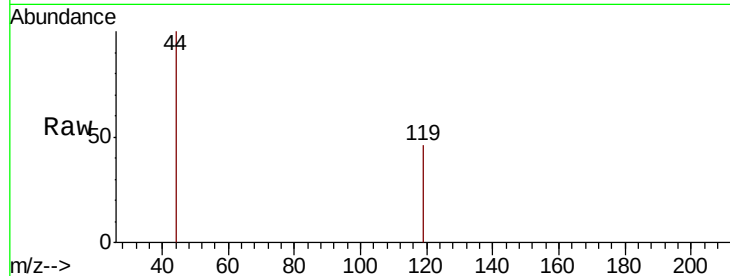




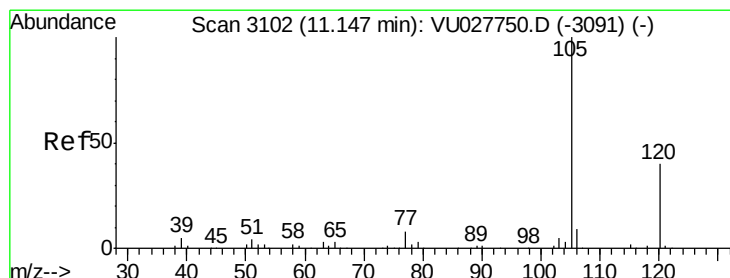
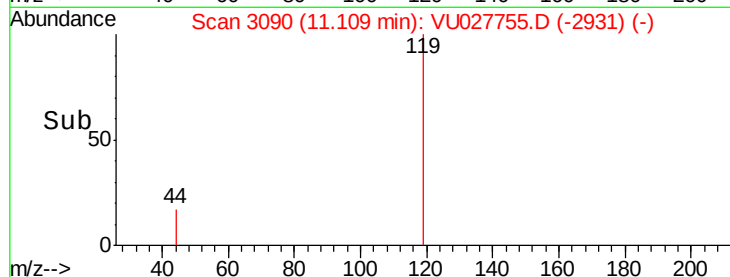
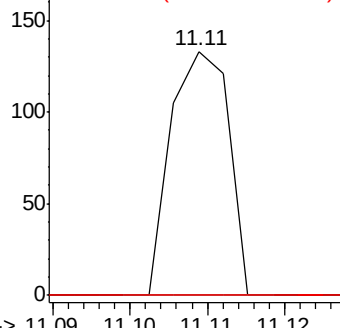
#77
 tert-Butylbenzene
 Concen: 0.004 ug/l
 RT: 11.11 min Scan# 3090
 Delta R.T. 0.01 min
 Lab File: VU027755.D
 Acq: 23 Oct 2018 08:48

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:119 Resp: 69
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.8 95.4#
 134 0.0 17.7 26.5#

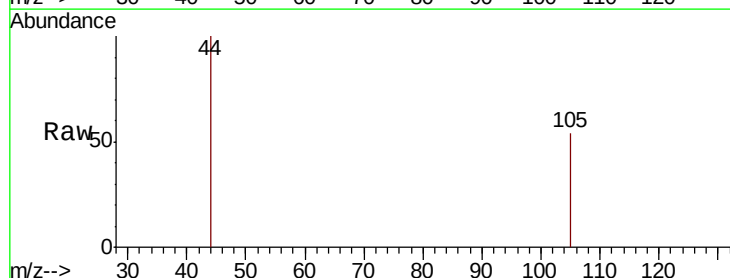


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

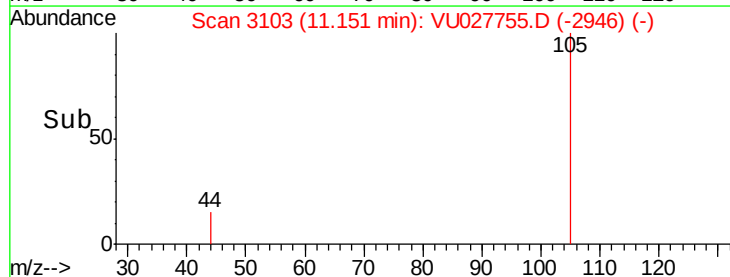
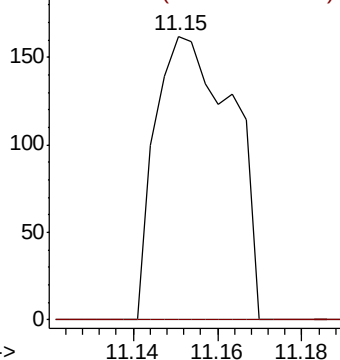


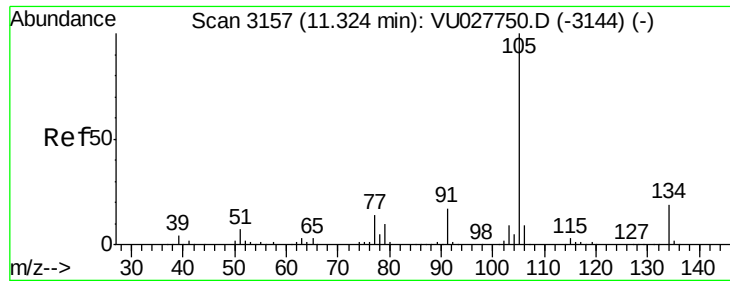
#78
 1,2,4-Trimethylbenzene
 Concen: 0.012 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027755.D
 Acq: 23 Oct 2018 08:48

Tgt Ion:105 Resp: 205
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.6 64.6#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.013 ug/l

RT: 11.33 min Scan# 3159

Delta R.T. 0.01 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_U

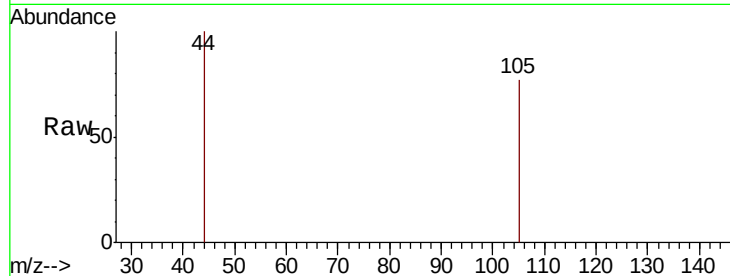
ClientSampleId :

Tot Ion:105 Resp: 279

Ion Ratio Lower Upper

105 100

134 0.0 15.2 22.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

200

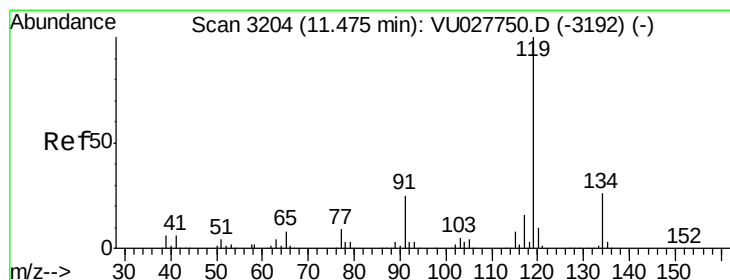
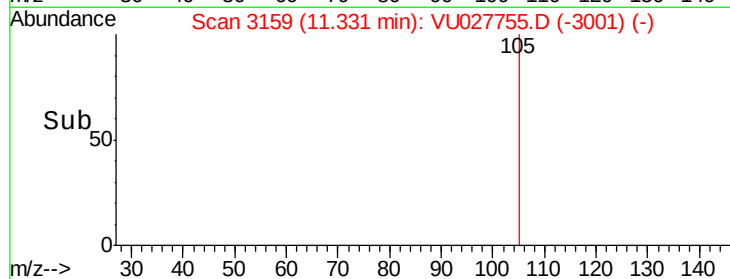
150

100

50

0

Time-->



#81

p-Isopropyltoluene

Concen: 0.013 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

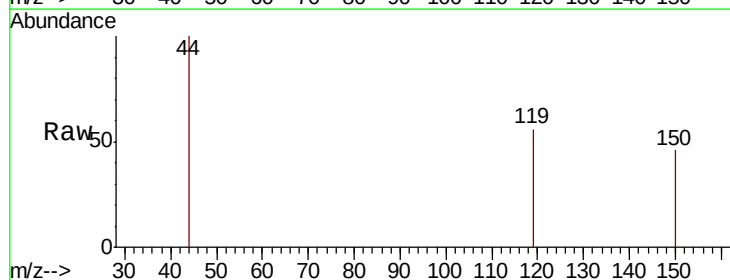
Tgt Ion:119 Resp: 227

Ion Ratio Lower Upper

119 100

134 0.0 20.3 30.5#

91 0.0 20.2 30.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.48

200

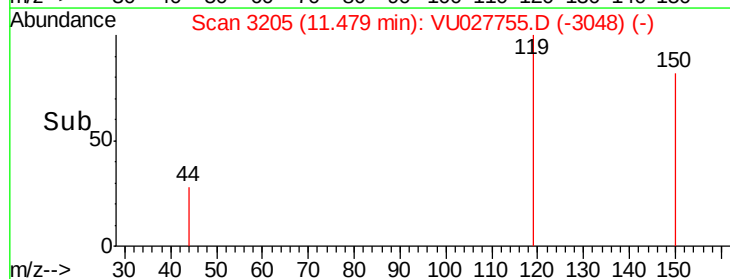
150

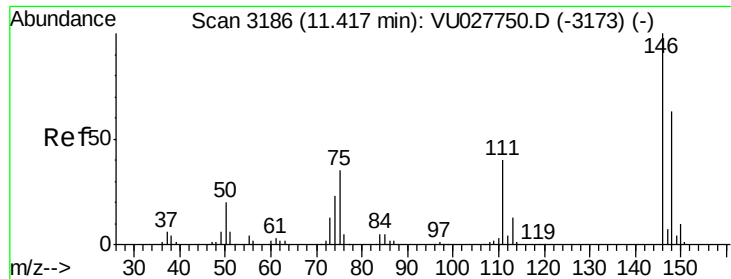
100

50

0

Time-->





#82

1,3-Dichlorobenzene

Concen: 0.032 ug/l

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_U

ClientSampleId :

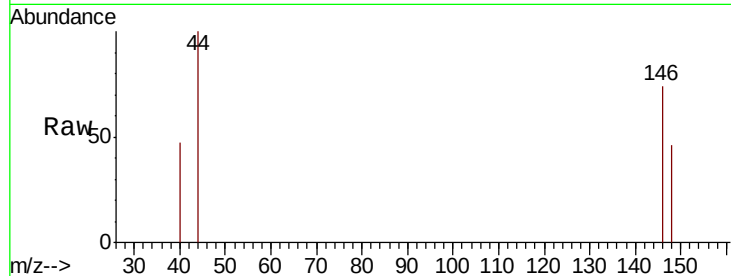
Tot Ion:146 Resp: 277

Ion Ratio Lower Upper

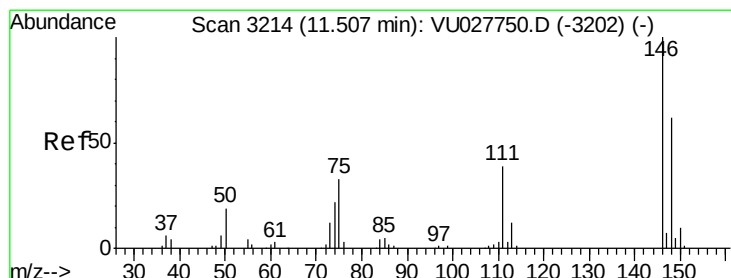
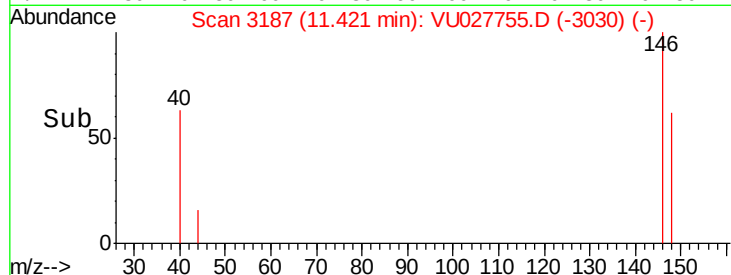
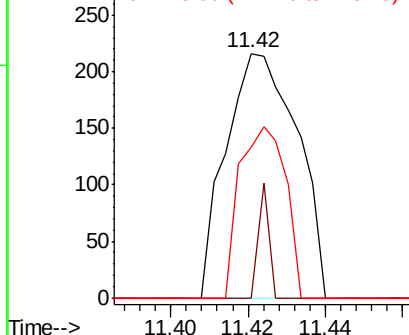
146 100

111 7.2 32.7 49.1#

148 44.8 50.6 75.8#



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



#83

1,4-Dichlorobenzene

Concen: 0.044 ug/l

RT: 11.51 min Scan# 3216

Delta R.T. 0.01 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

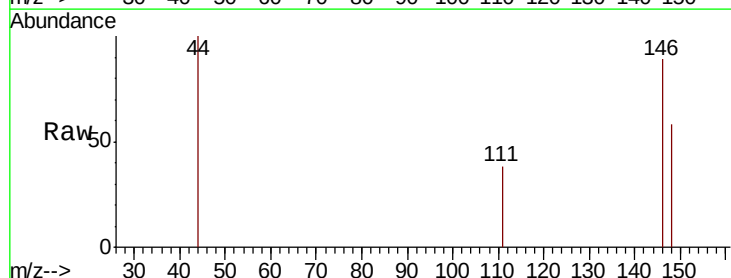
Tgt Ion:146 Resp: 382

Ion Ratio Lower Upper

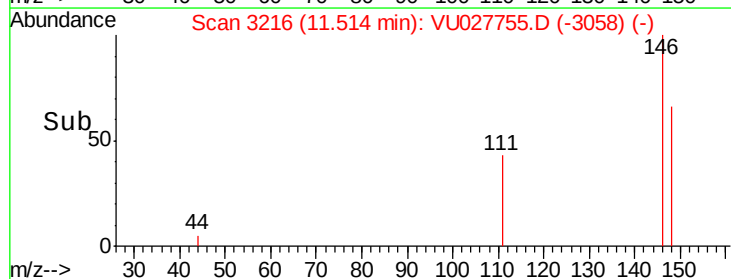
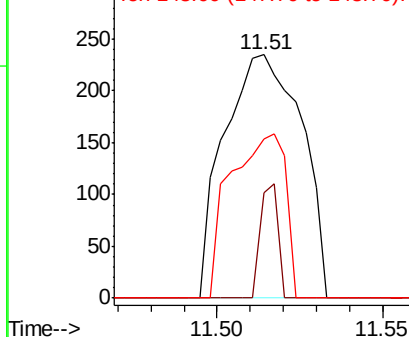
146 100

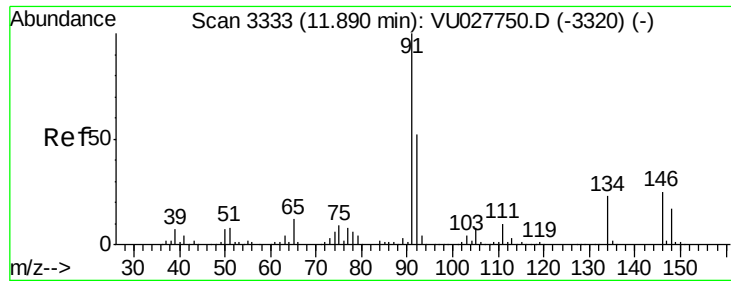
111 10.7 32.0 48.0#

148 47.9 50.9 76.3#



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

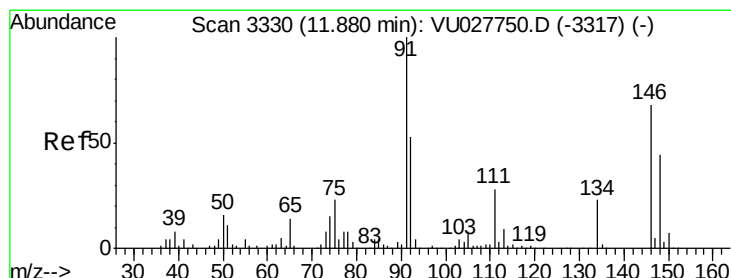
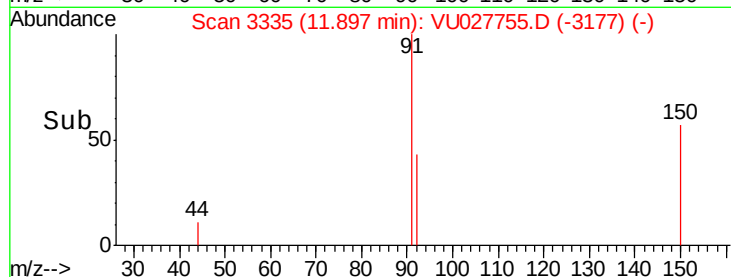
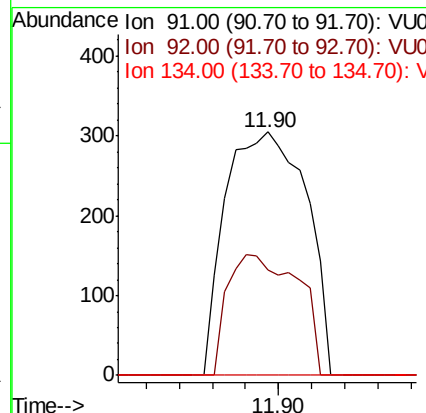
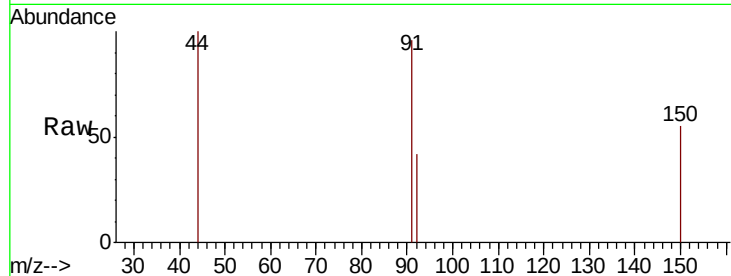




#84
n-Butylbenzene
Concen: 0.030 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

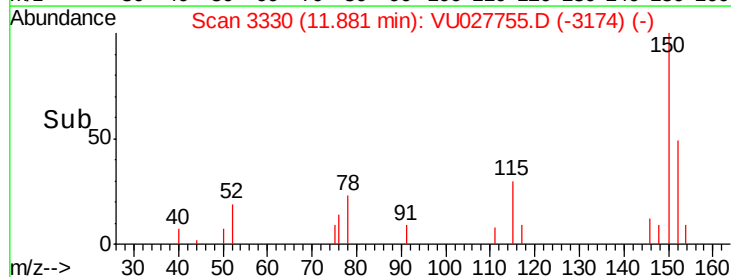
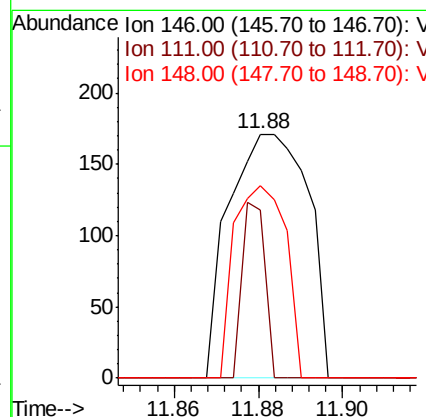
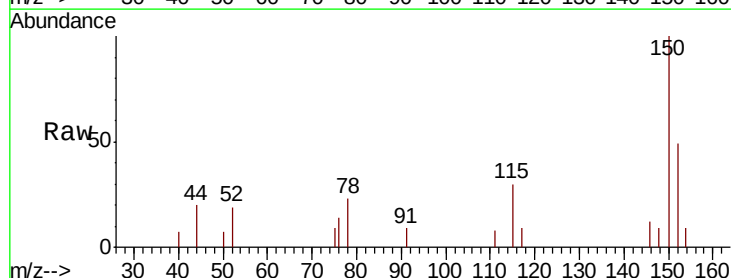
Instrument :
MSVOA_U
ClientSampleId :

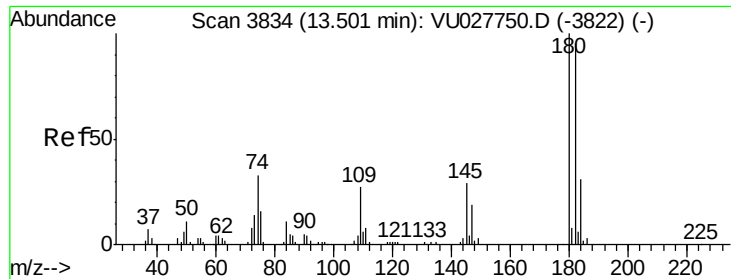
Tot Ion: 91 Resp: 517
Ion Ratio Lower Upper
91 100
92 43.1 42.1 63.1
134 0.0 18.6 28.0#



#85
1,2-Dichlorobenzene
Concen: 0.027 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027755.D
Acq: 23 Oct 2018 08:48

Tgt Ion: 146 Resp: 224
Ion Ratio Lower Upper
146 100
111 20.5 21.2 63.6#
148 51.8 32.2 96.6

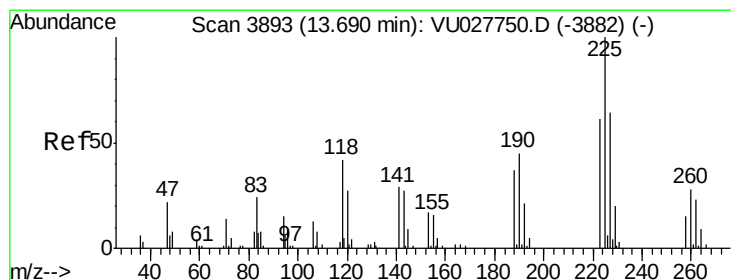
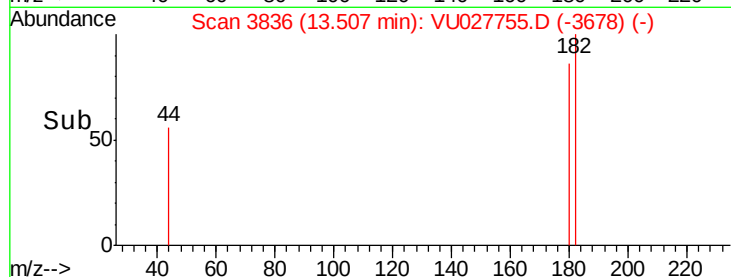
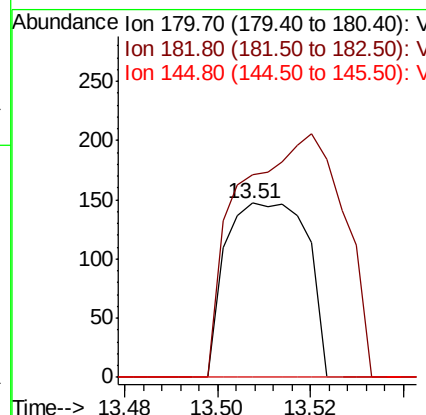
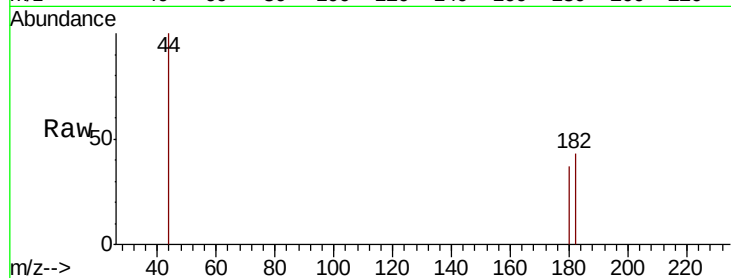




#87
 1,2,4-Trichlorobenzene
 Concen: 0.030 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU027755.D
 Acq: 23 Oct 2018 08:48

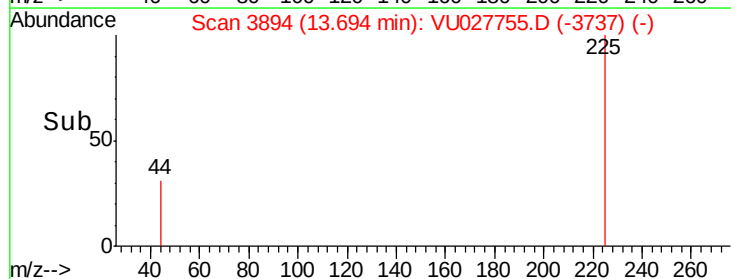
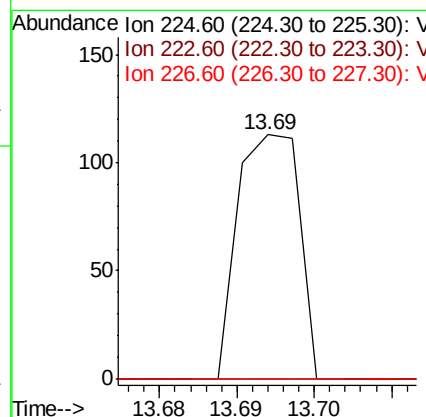
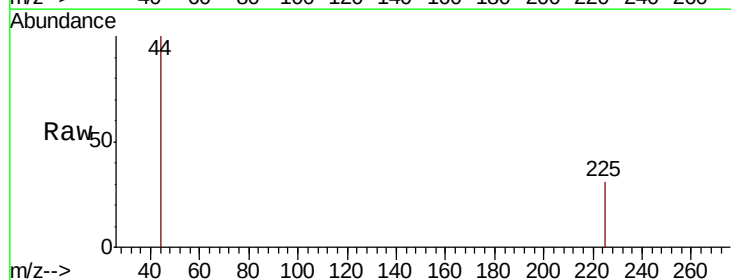
Instrument :
 MSVOA_U
 ClientSampleId :

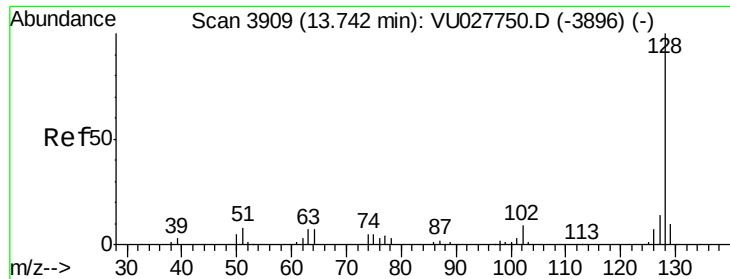
Tot Ion:180 Resp: 180
 Ion Ratio Lower Upper
 180 100
 182 177.8 75.9 113.9#
 145 0.0 23.6 35.4#



#88
 Hexachlorobutadiene
 Concen: 0.017 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027755.D
 Acq: 23 Oct 2018 08:48

Tgt Ion:225 Resp: 62
 Ion Ratio Lower Upper
 225 100
 223 0.0 49.6 74.4#
 227 0.0 51.1 76.7#





#89

Naphthalene

Concen: 0.061 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

Instrument :

MSVOA_U

ClientSampled :

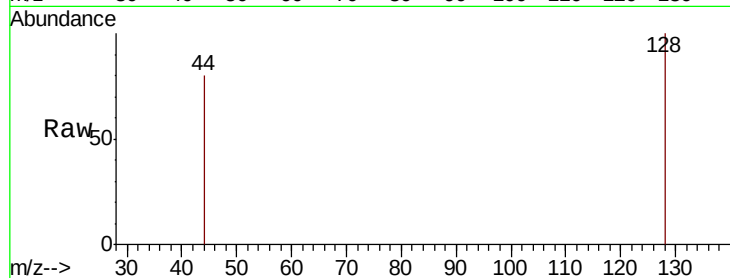
Tot Ion:128 Resp: 692

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

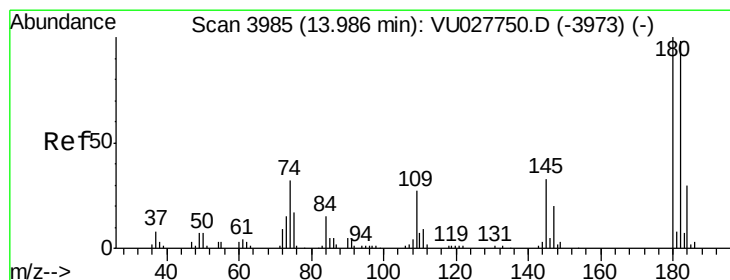
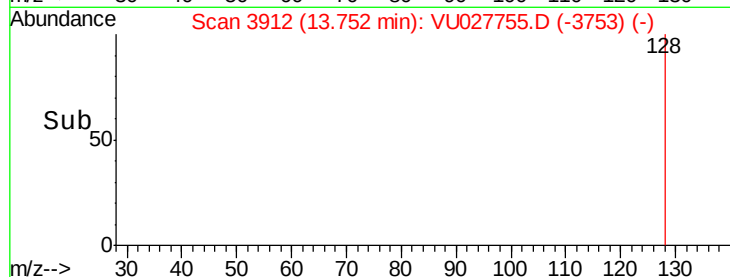
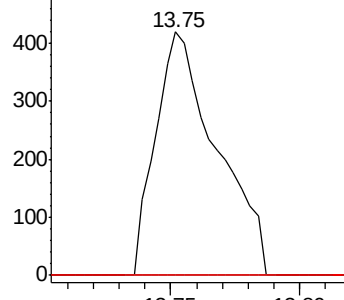
129 0.0 8.5 12.7#



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



#90

1,2,3-Trichlorobenzene

Concen: 0.064 ug/l

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU027755.D

Acq: 23 Oct 2018 08:48

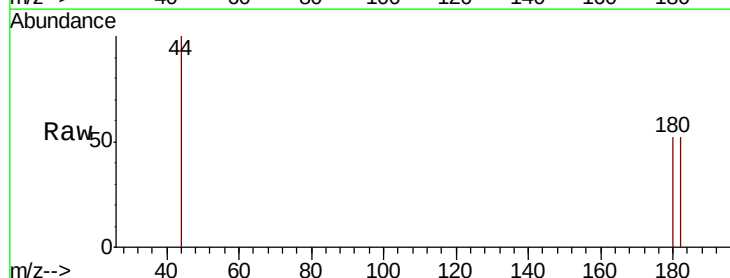
Tgt Ion:180 Resp: 372

Ion Ratio Lower Upper

180 100

182 105.1 77.0 115.6

145 0.0 25.4 38.2#



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

