

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027758.D
 Acq On : 23 Oct 2018 11:21
 Operator : MD/SY
 Sample : J5026-06DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:09:50 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	13315	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5123	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4837	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds					Ovalue	
6) Chloroethane	1.69	64	40	0.014	ug/l #	44
11) Allyl Chloride	2.60	41	226	0.032	ug/l	86
13) Acetone	2.33	43	314	0.380	ug/l #	47
14) Carbon Disulfide	2.49	76	179	0.016	ug/l #	75
15) Methylene Chloride	2.71	84	490	0.131	ug/l #	68
18) 2-Butanone	4.26	43	189	0.138	ug/l	79
21) 2,2-Dichloropropane	4.24	77	155	0.024	ug/l #	55
24) tert-Butyl Alcohol	2.85	59	68	0.226	ug/l #	1
25) Methyl tert-Butyl Ether	3.01	73	1046	0.111	ug/l #	1
29) 1,1-Dichloropropene	5.38	75	40	0.007	ug/l #	44
33) Tert-Amyl methyl ether	5.75	73	84	0.008	ug/l #	58
35) Benzene	5.39	78	12647	0.820	ug/l	100
36) 1,2-Dichloroethane	5.39	62	19	0.004	ug/l #	79
41) Tetrahydrofuran	4.67	42	41	0.041	ug/l #	40
45) 4-Methyl-2-Pentanone	7.64	43	385	0.120	ug/l #	25
46) t-1,4-Dichloro-2-butene	10.59	75	500	0.434	ug/l #	1
49) Toluene	7.64	92	29320	3.202	ug/l	100
50) t-1,3-Dichloropropene	7.64	75	275	0.052	ug/l #	1
52) 1,1,2-Trichloroethane	8.18	97	44	0.017	ug/l #	13
54) 2-Hexanone	8.19	43	45	0.020	ug/l #	36
59) Chlorobenzene	9.12	112	30971	3.156	ug/l	99
61) Pentachloroethane	11.10	117	1455	0.547	ug/l #	6
63) Ethyl Benzene	9.25	91	77964	4.194	ug/l	99
64) m/p-Xylenes	9.38	106	16840	2.539	ug/l	99
65) o-Xylene	9.78	106	16528	2.513	ug/l	99
66) Styrene	9.79	104	47499	4.377	ug/l	96
69) Isopropylbenzene	10.17	105	28118	1.562	ug/l	99
71) 1,2,3-Trichloropropane	10.59	75	500	0.182	ug/l #	47
73) n-propylbenzene	10.59	120	15751	3.392	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	68452	4.557	ug/l	99
77) tert-Butylbenzene	11.10	119	39903	2.701	ug/l	92
78) 1,2,4-Trimethylbenzene	11.15	105	18660	1.209	ug/l	100
79) sec-Butylbenzene	11.32	105	84289	4.308	ug/l	99
81) p-Isopropyltoluene	11.48	119	19613	1.226	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	34617	4.361	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	28466	3.579	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	28289	3.735	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.48	75	23	0.035	ug/l #	9
87) 1,2,4-Trichlorobenzene	13.50	180	24353	4.425	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	21143	4.037	ug/l	99
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
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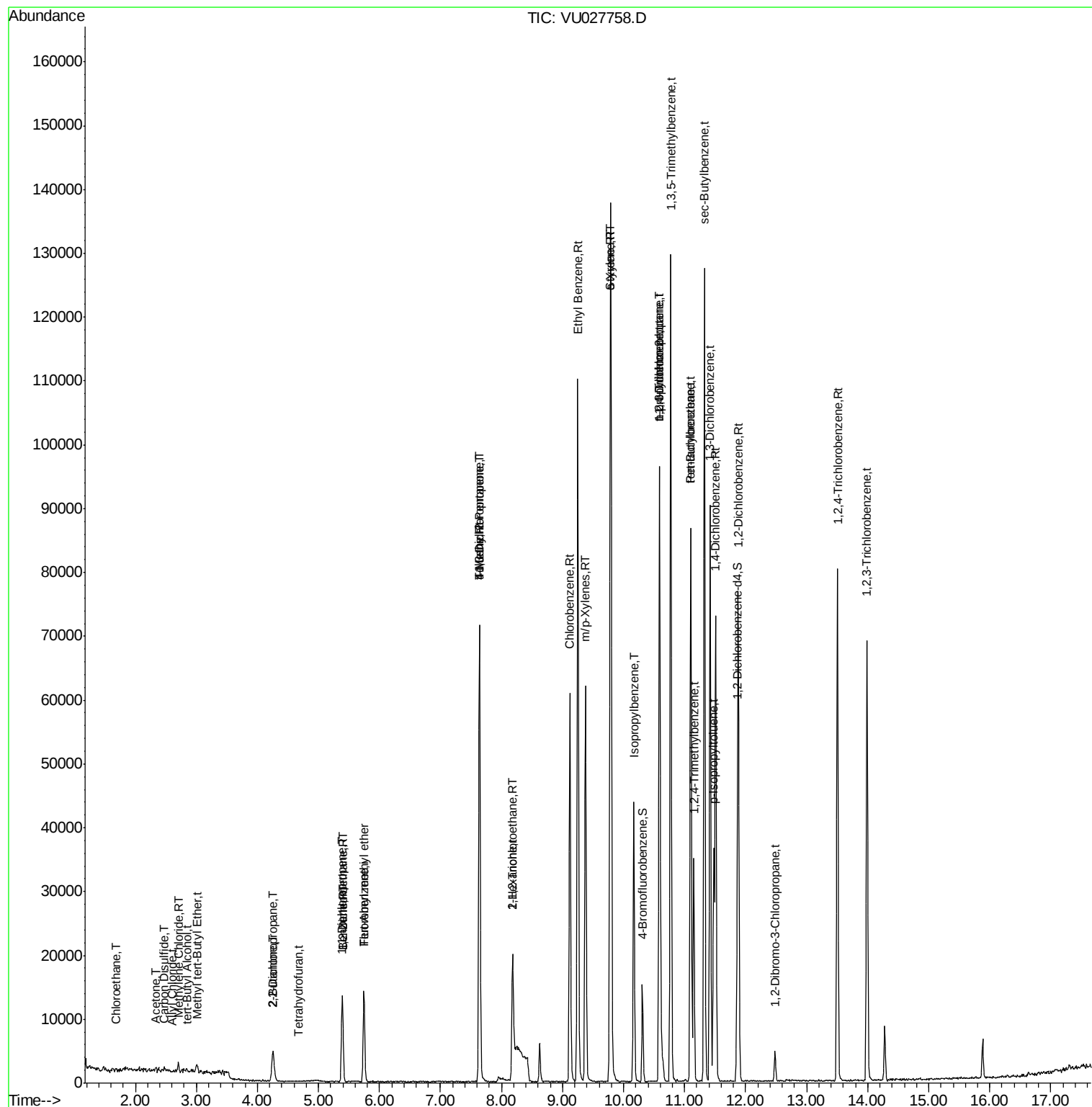
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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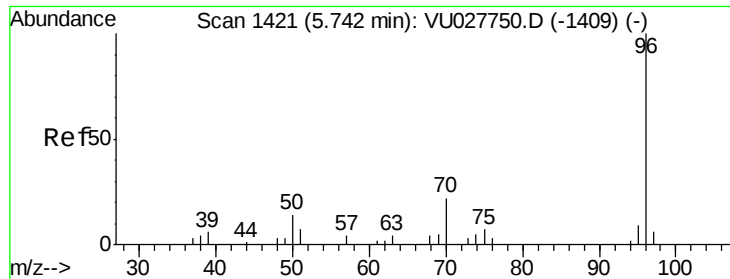
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1422

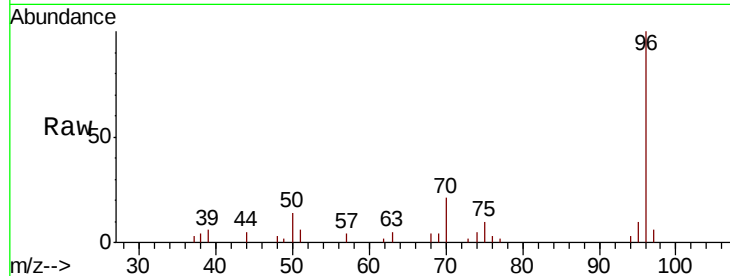
Delta R.T. 0.00 min

Lab File: VU027758.D

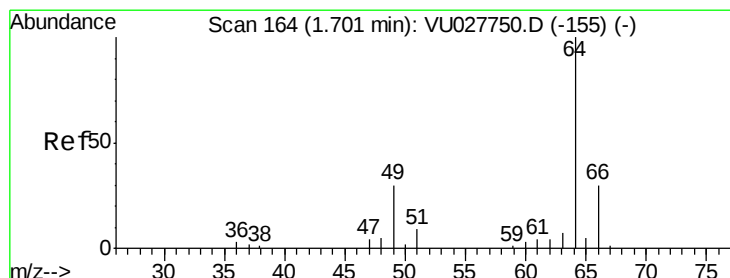
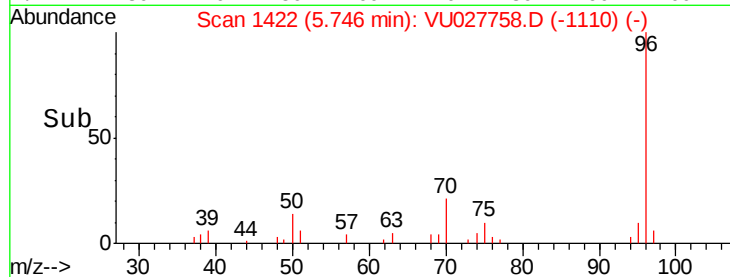
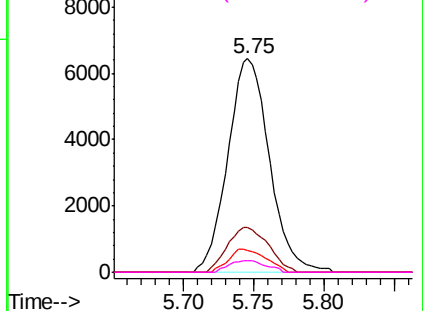
Acq: 23 Oct 2018 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	13315
Ion	Ratio	Lower	Upper
96	100		
70	20.7	17.7	26.5
95	9.6	7.0	10.6
97	4.9	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



#6

Chloroethane

Concen: 0.014 ug/l

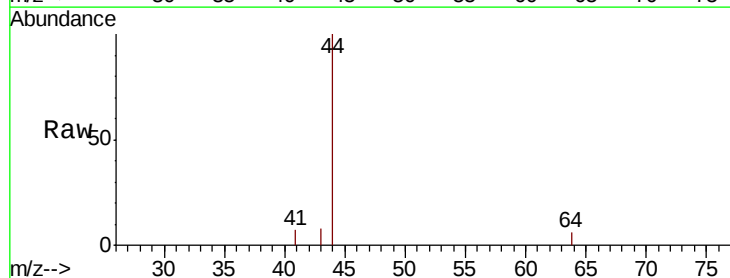
RT: 1.69 min Scan# 161

Delta R.T. -0.01 min

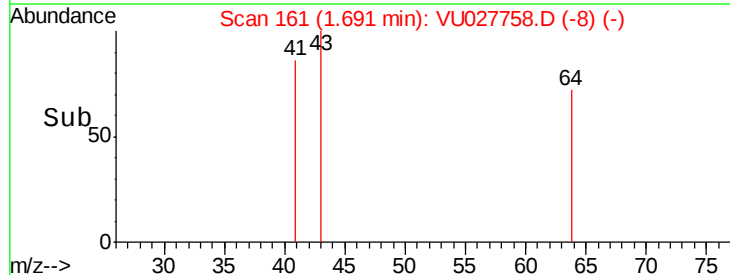
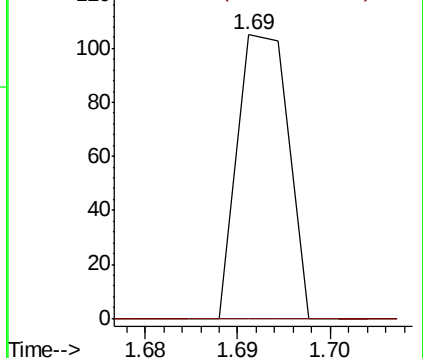
Lab File: VU027758.D

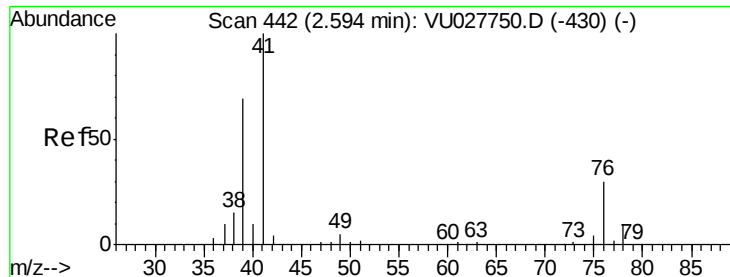
Acq: 23 Oct 2018 11:21

Tgt Ion:	64	Resp:	40
Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.3	36.5#



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0

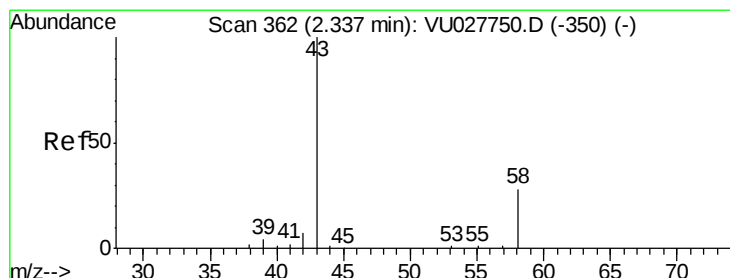
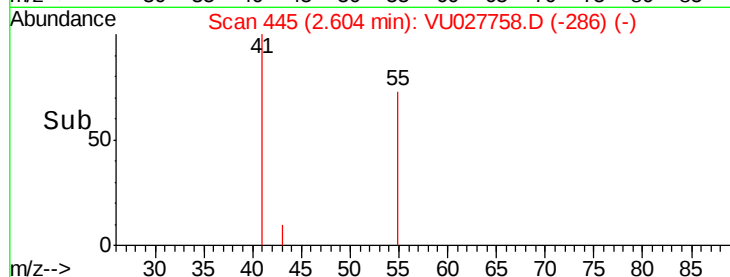
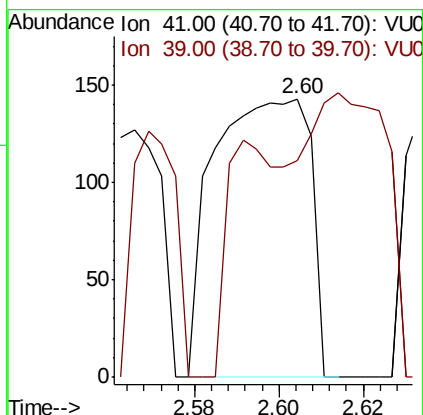
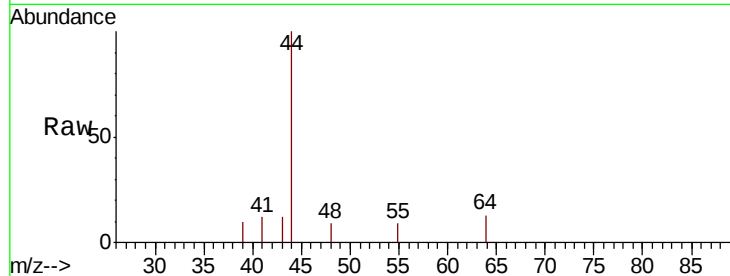




#11
Allvl Chloride
Concen: 0.032 ug/l
RT: 2.60 min Scan# 445
Delta R.T. 0.01 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

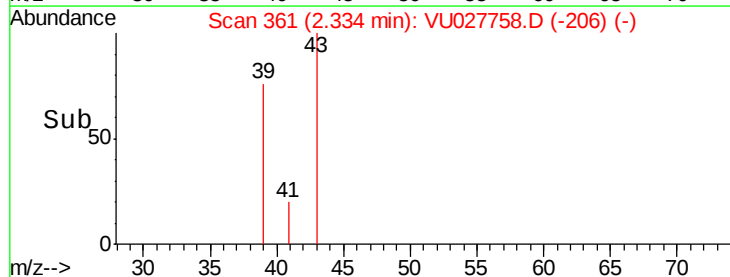
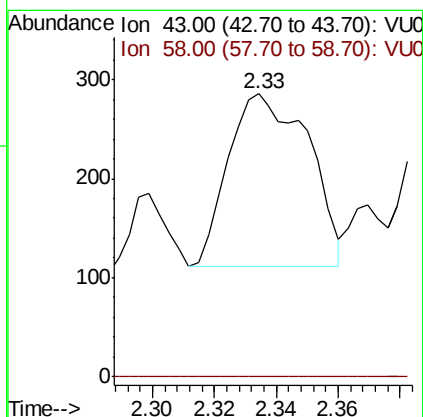
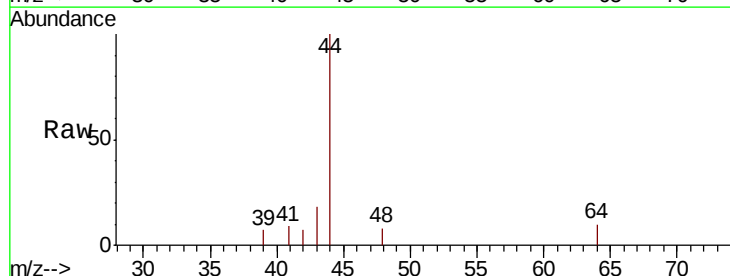
Instrument :
MSVOA_U
ClientSampleId :

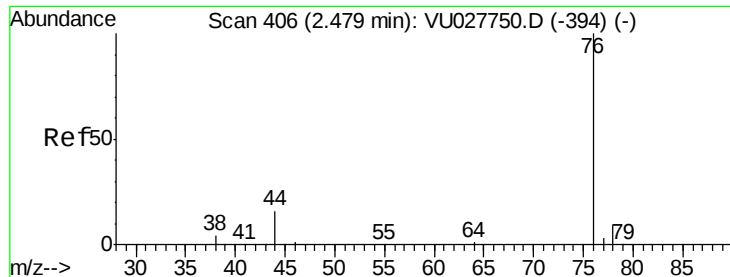
Tot Ion: 41 Resp: 226
Ion Ratio Lower Upper
41 100
39 80.5 55.4 83.0



#13
Acetone
Concen: 0.380 ug/l
RT: 2.33 min Scan# 361
Delta R.T. -0.00 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#14

Carbon Disulfide

Concen: 0.016 ug/l

RT: 2.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Instrument :

MSVOA_U

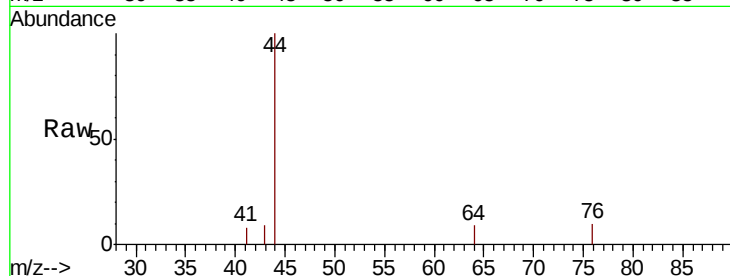
ClientSampleId :

Tot Ion: 76 Resp: 179

Ion Ratio Lower Upper

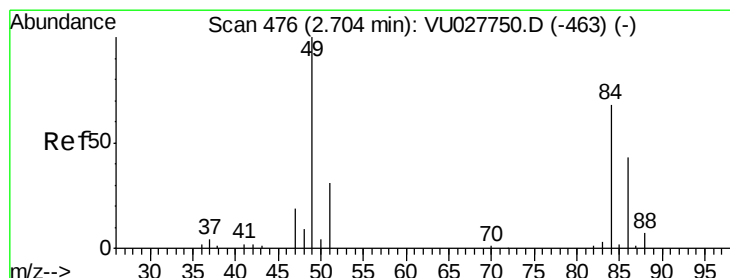
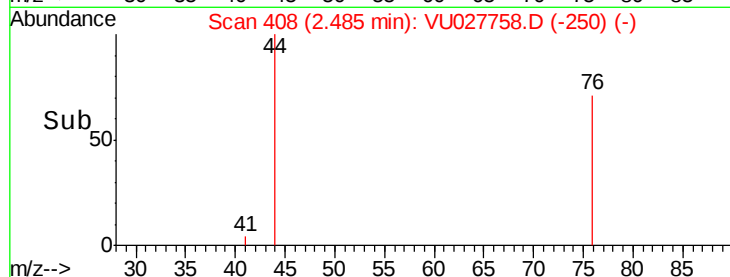
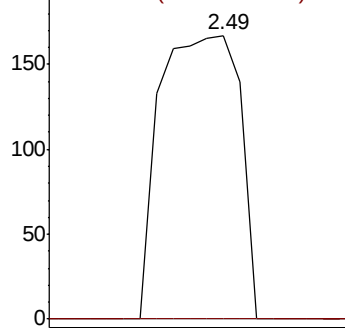
76 100

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



#15

Methylene Chloride

Concen: 0.131 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Tgt Ion: 84 Resp: 490

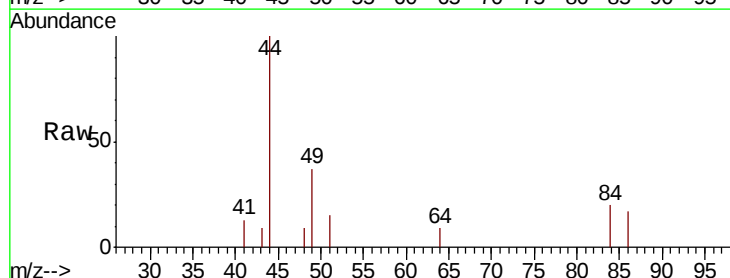
Ion Ratio Lower Upper

84 100

49 185.3 118.5 177.7#

51 72.8 0.0 91.0

86 86.0 50.7 76.1#

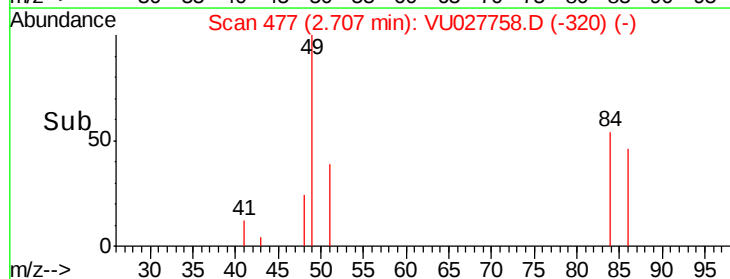
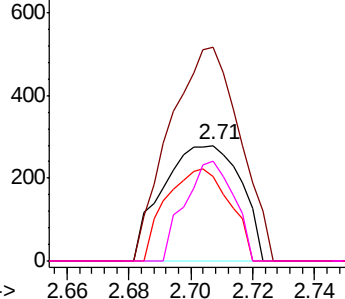


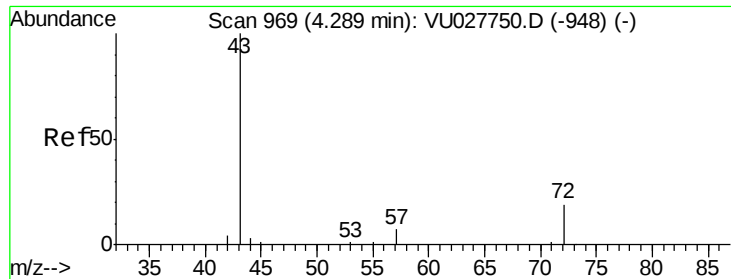
Abundance Ion 84.00 (83.70 to 84.70): VU0

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

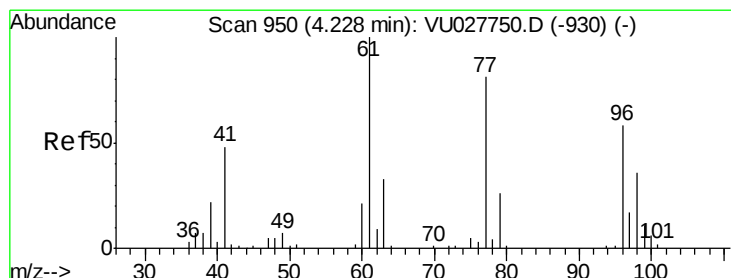
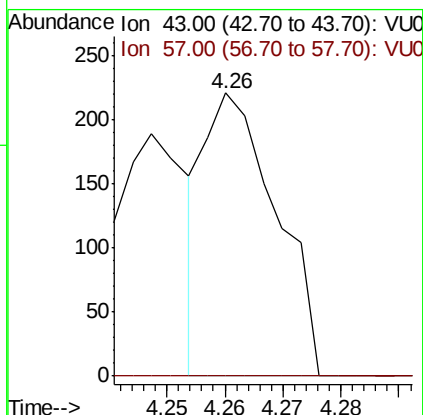
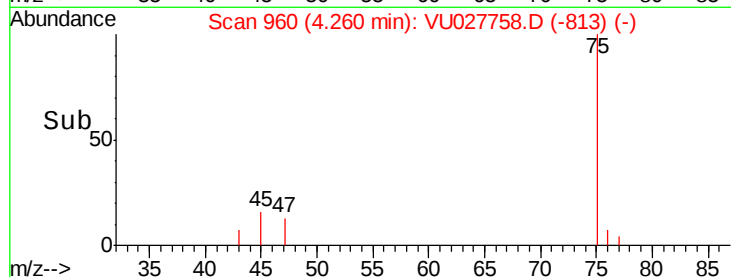
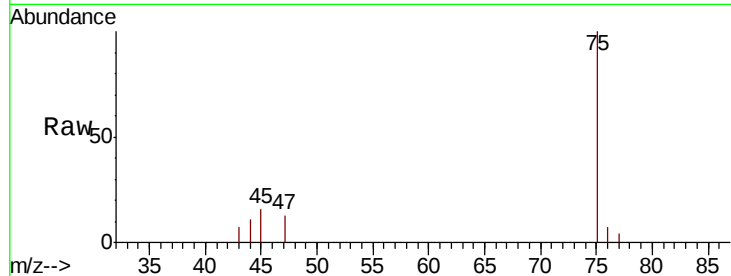




#18
2-Butanone
Concen: 0.138 ug/l
RT: 4.26 min Scan# 960
Delta R.T. -0.03 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

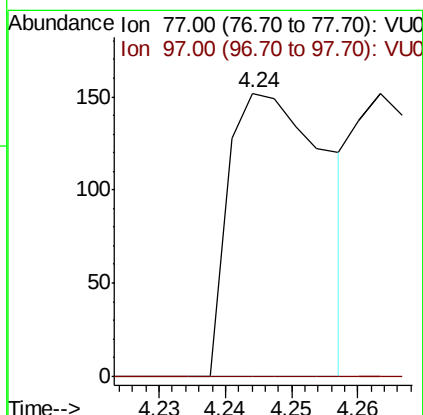
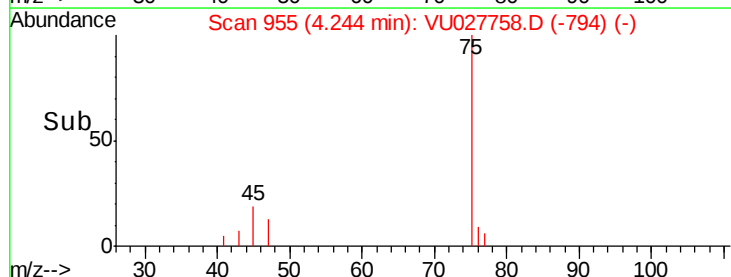
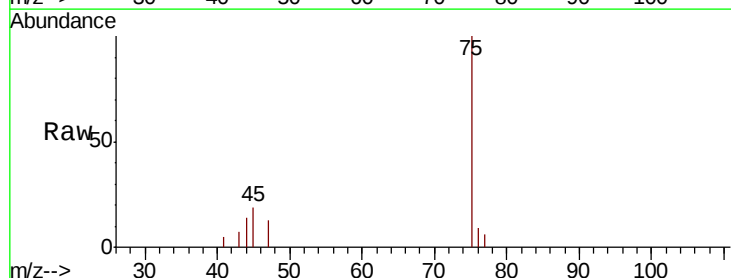
Instrument :
MSVOA_U
ClientSampleId :

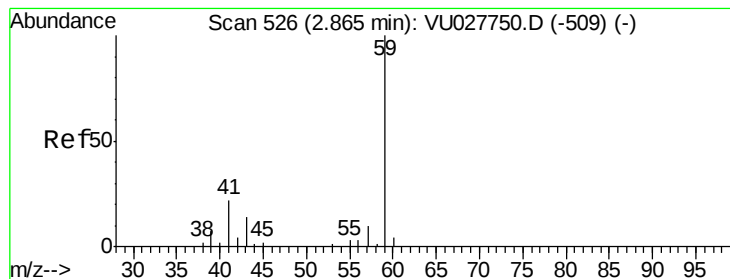
Tot Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
57 0.0 0.0 14.4



#21
2,2-Dichloropropane
Concen: 0.024 ug/l
RT: 4.24 min Scan# 955
Delta R.T. 0.02 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Tgt Ion: 77 Resp: 155
Ion Ratio Lower Upper
77 100
97 0.0 16.9 25.3#





#24

tert-Butyl Alcohol

Concen: 0.226 ug/l

RT: 2.85 min Scan# 520

Delta R.T. -0.02 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Instrument :

MSVOA_U

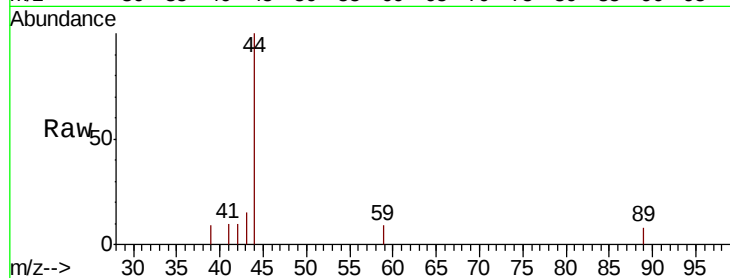
ClientSampled :

Tot Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 183.8 4.4 6.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027750.D (-509) (-)

Ion 57.00 (56.70 to 57.70): VU027750.D (-509) (-)

2.85

150

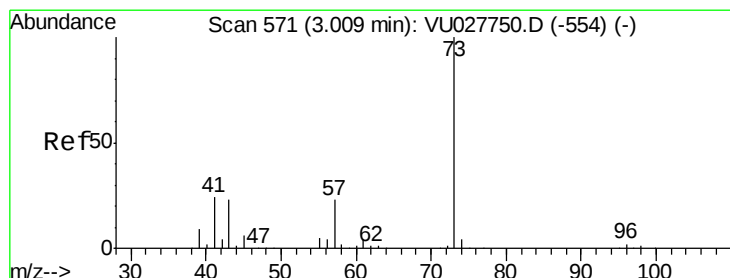
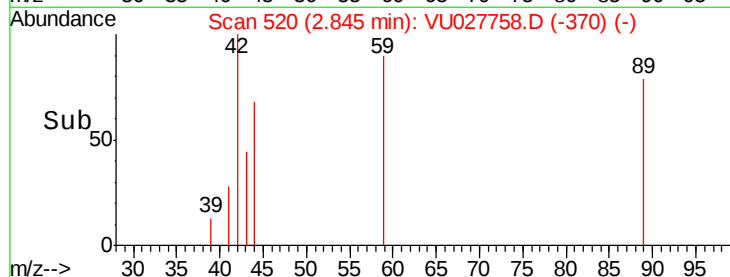
100

50

0

2.83 2.84 2.85 2.86

Time-->



#25

Methyl tert-Butyl Ether

Concen: 0.111 ug/l

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU027758.D

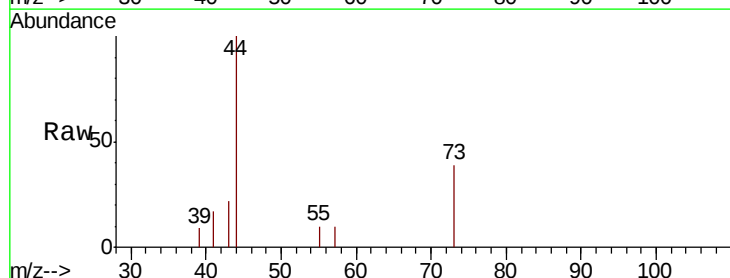
Acq: 23 Oct 2018 11:21

Tgt Ion: 73 Resp: 1046

Ion Ratio Lower Upper

73 100

43 74.7 18.6 27.8#



Abundance Ion 73.00 (72.70 to 73.70): VU027750.D (-554) (-)

Ion 43.00 (42.70 to 43.70): VU027750.D (-554) (-)

3.01

600

500

400

300

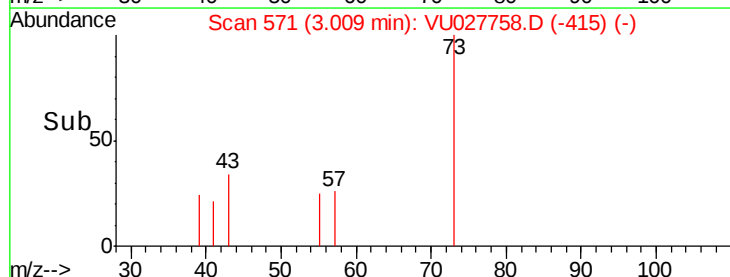
200

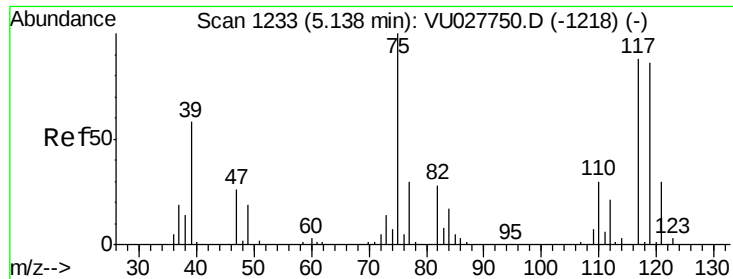
100

0

2.95 3.00 3.05

Time-->

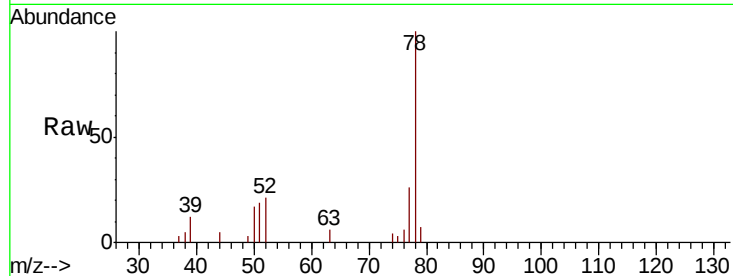




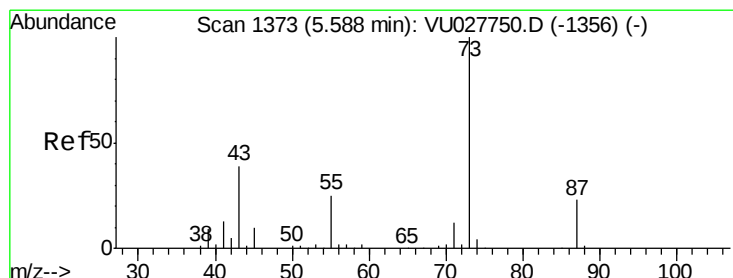
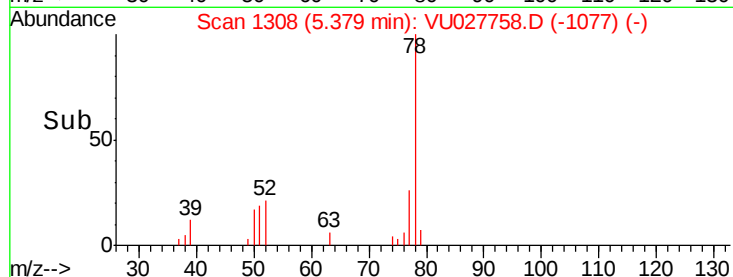
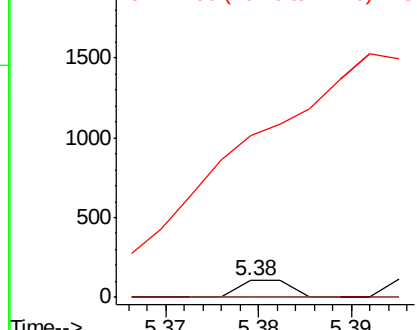
#29
 1,1-Dichloropropene
 Concen: 0.007 ug/l
 RT: 5.38 min Scan# 1308
 Delta R.T. 0.24 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 40
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.6 46.8#
 77 0.0 24.5 36.7#

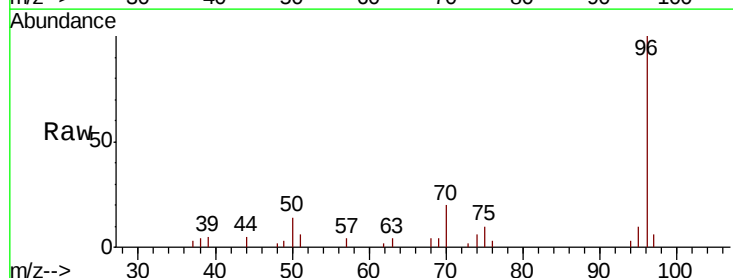


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU0

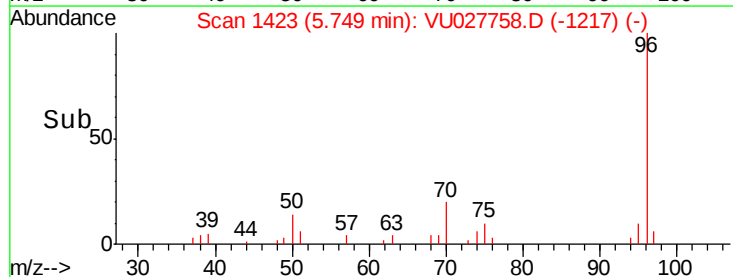
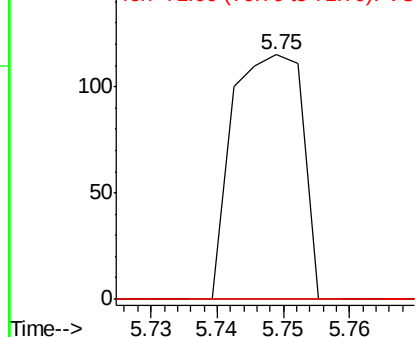


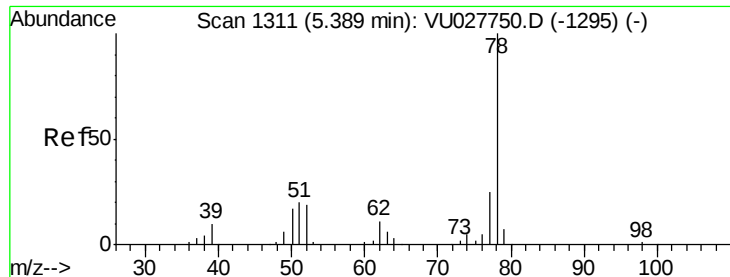
#33
 Tert-Amyl methyl ether
 Concen: 0.008 ug/l
 RT: 5.75 min Scan# 1423
 Delta R.T. 0.16 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Tgt Ion: 73 Resp: 84
 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





#35

Benzene

Concen: 0.820 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

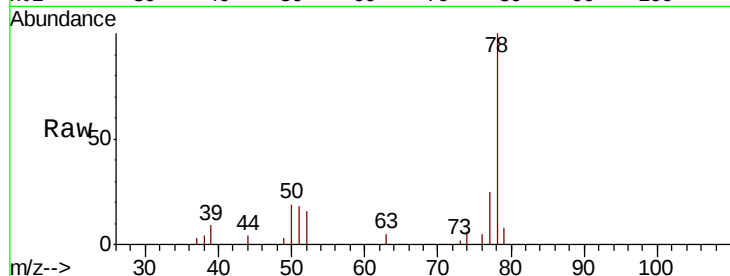
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 12647

Ion Ratio Lower Upper

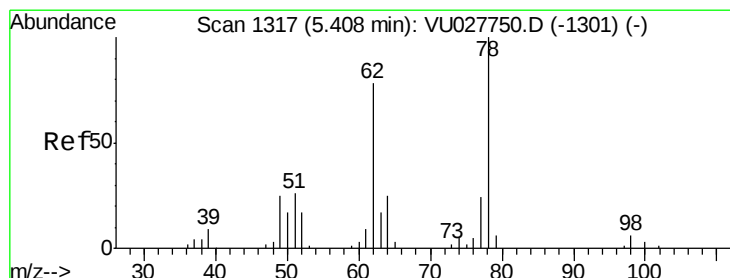
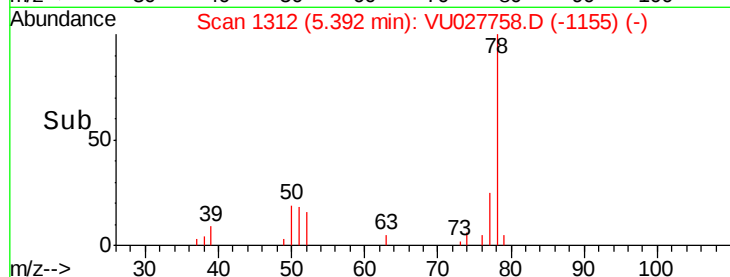
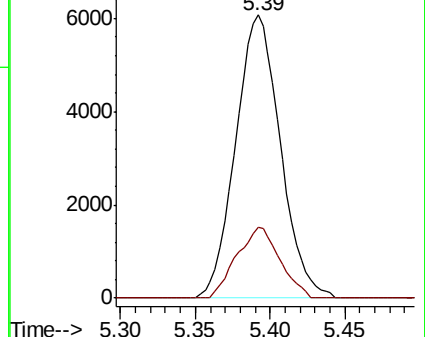
78 100

77 25.1 19.9 29.9



Abundance Ion 78.10 (77.80 to 78.80): VU027750.D (-1295) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-1295) (-)



#36

1,2-Dichloroethane

Concen: 0.004 ug/l

RT: 5.39 min Scan# 1310

Delta R.T. -0.02 min

Lab File: VU027758.D

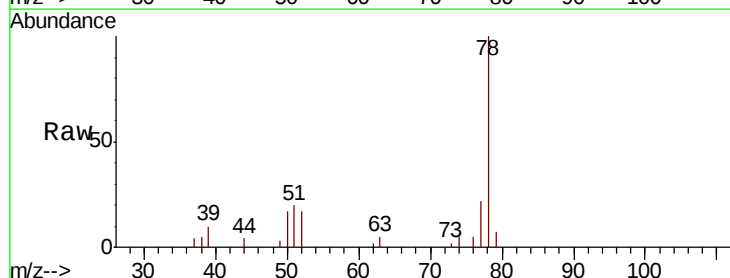
Acq: 23 Oct 2018 11:21

Tgt Ion: 62 Resp: 19

Ion Ratio Lower Upper

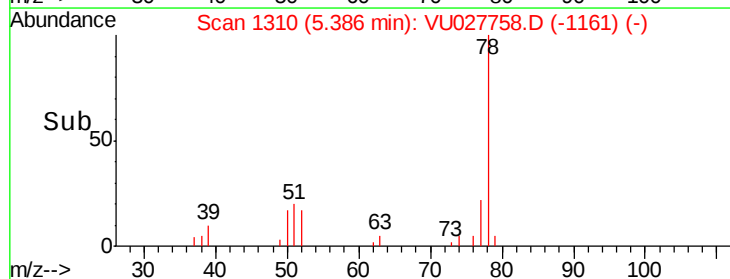
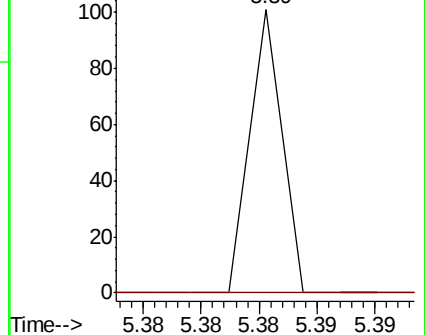
62 100

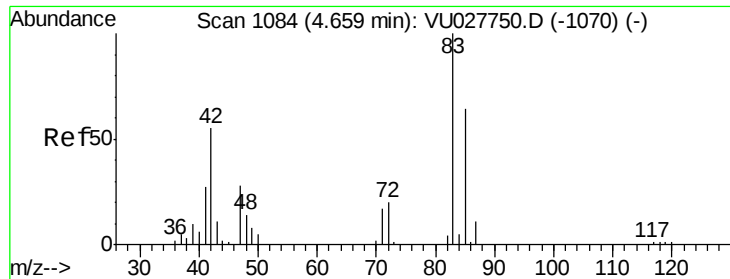
98 0.0 5.8 8.6#



Abundance Ion 62.00 (61.70 to 62.70): VU027750.D (-1301) (-)

Ion 98.00 (97.70 to 98.70): VU027750.D (-1301) (-)





#41

Tetrahydrofuran

Concen: 0.041 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.02 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

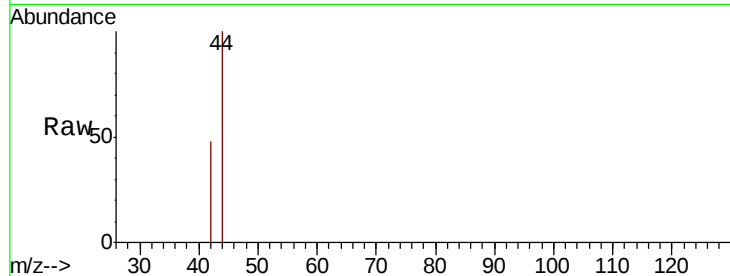
Tot Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

72 0.0 30.6 45.8#

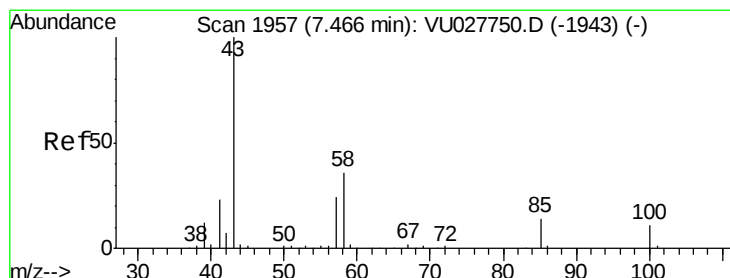
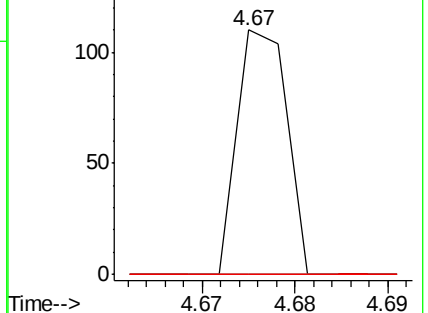
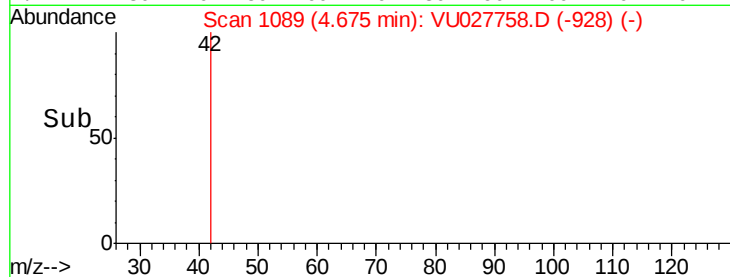
71 0.0 25.2 37.8#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#45

4-Methyl-2-Pentanone

Concen: 0.120 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.17 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

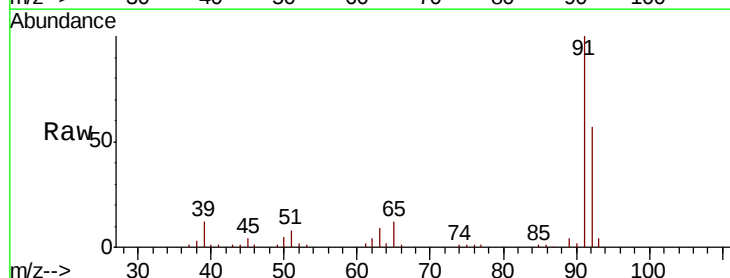
Tgt Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

58 0.0 17.9 53.8#

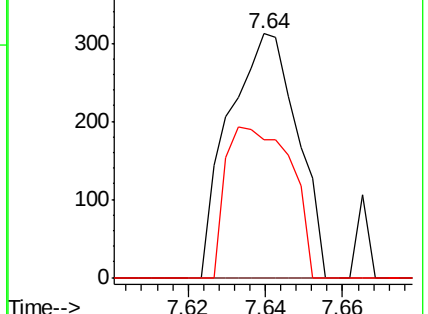
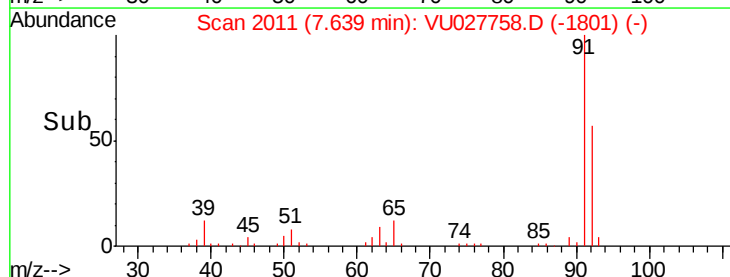
85 58.4 11.4 17.0#

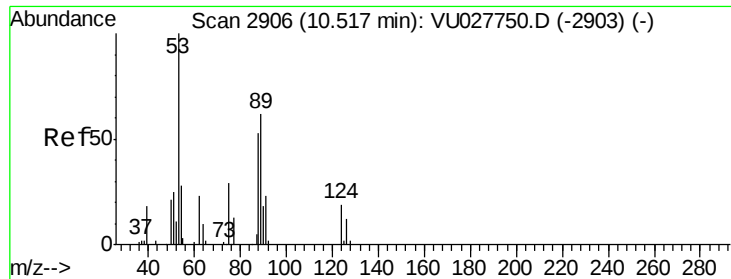


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

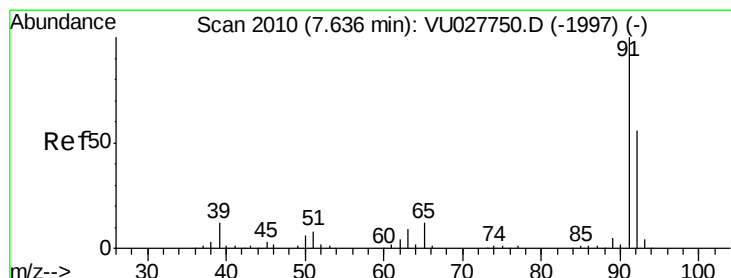
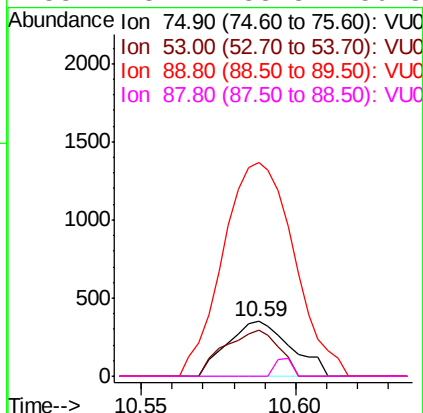
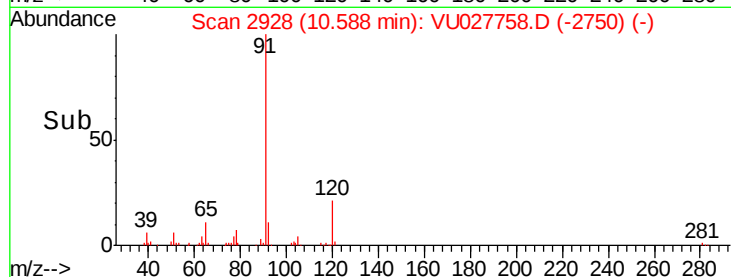
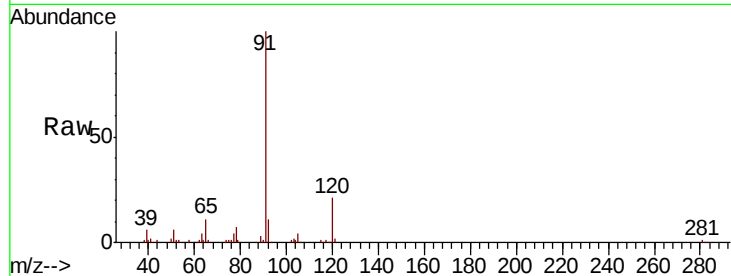




#46
t-1,4-Dichloro-2-butene
Concen: 0.434 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.07 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

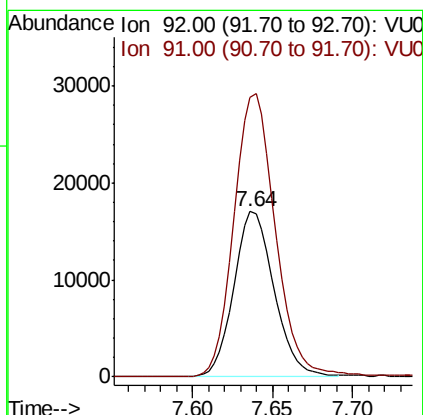
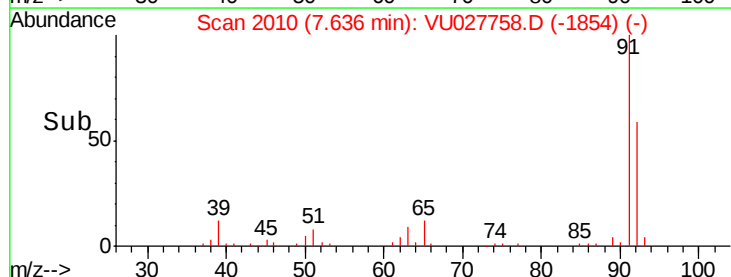
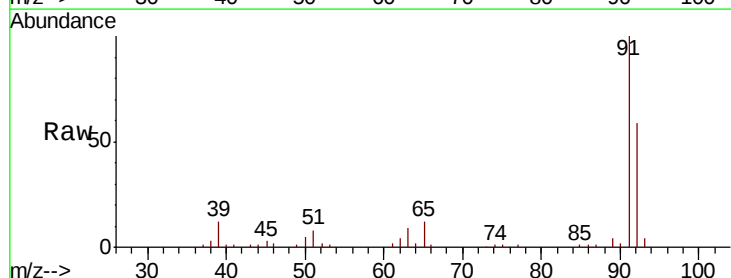
Instrument :
MSVOA_U
ClientSampleId :

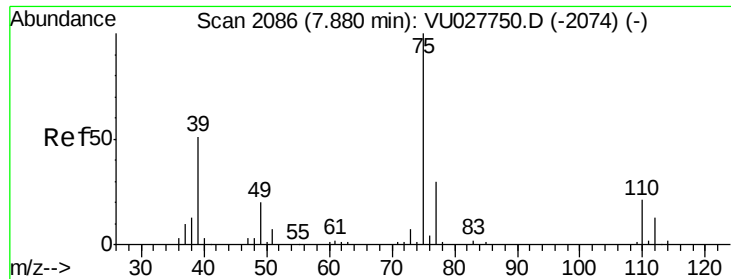
Tot Ion:	75	Resp:	500
Ion	Ratio	Lower	Upper
75	100		
53	72.0	68.2	102.4
89	435.8	41.8	62.6#
88	8.4	33.8	50.8#



#49
Toluene
Concen: 3.202 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Tgt Ion:	92	Resp:	29320
Ion	Ratio	Lower	Upper
92	100		
91	176.8	141.8	212.8

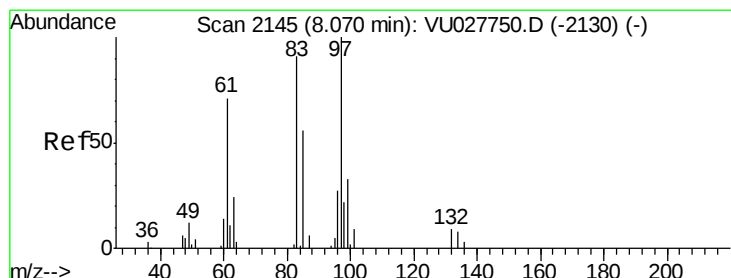
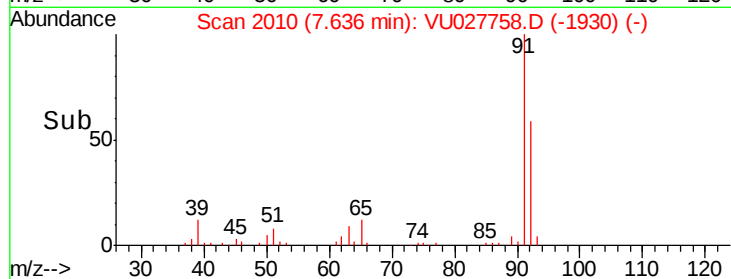
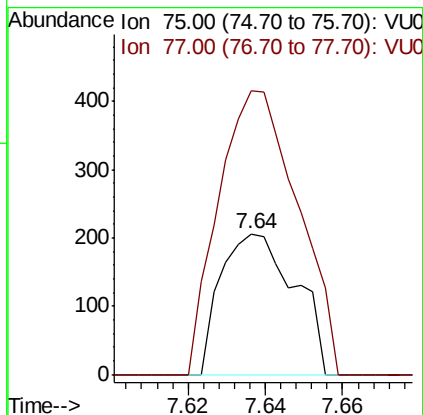
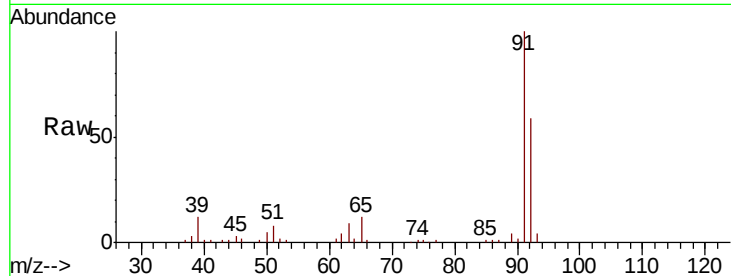




#50
t-1,3-Dichloropropene
Concen: 0.052 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.24 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

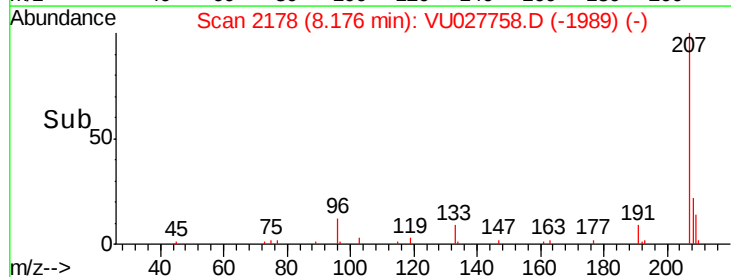
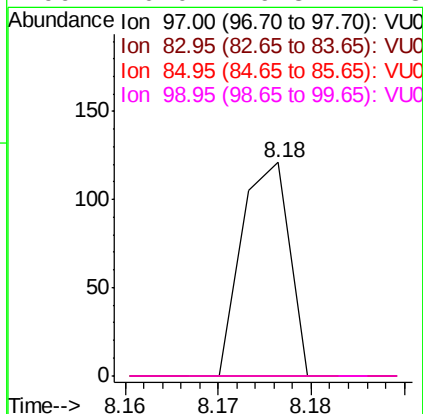
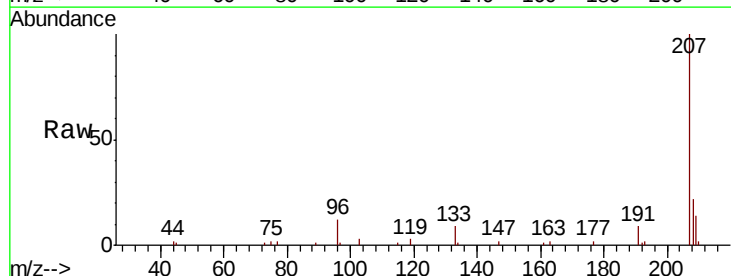
Instrument :
MSVOA_U
ClientSampled :

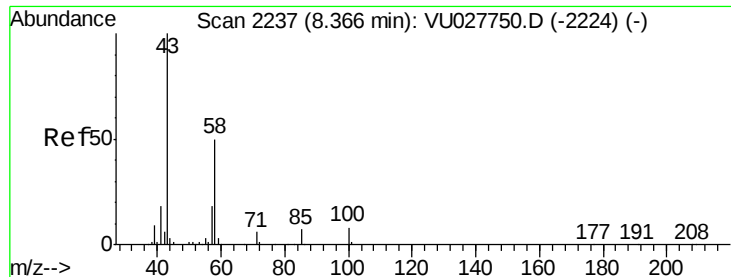
Tot Ion: 75 Resp: 275
Ion Ratio Lower Upper
75 100
77 201.5 24.1 36.1#



#52
1,1,2-Trichloroethane
Concen: 0.017 ug/l
RT: 8.18 min Scan# 2178
Delta R.T. 0.11 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Tgt Ion: 97 Resp: 44
Ion Ratio Lower Upper
97 100
83 0.0 73.0 109.6#
85 0.0 46.5 69.7#
99 0.0 49.8 74.8#

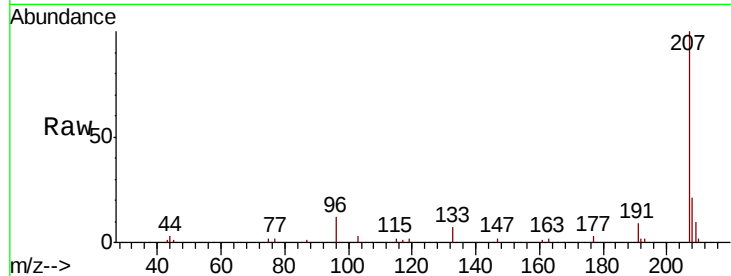




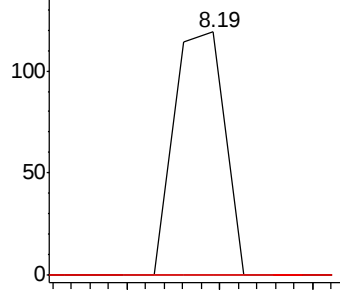
#54
2-Hexanone
Concen: 0.020 ug/l
RT: 8.19 min Scan# 2182
Delta R.T. -0.18 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Instrument :
MSVOA_U
ClientSampleId :

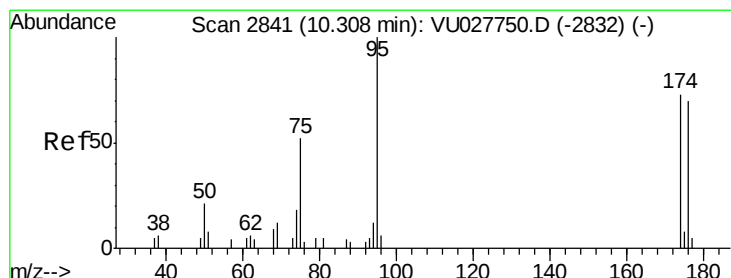
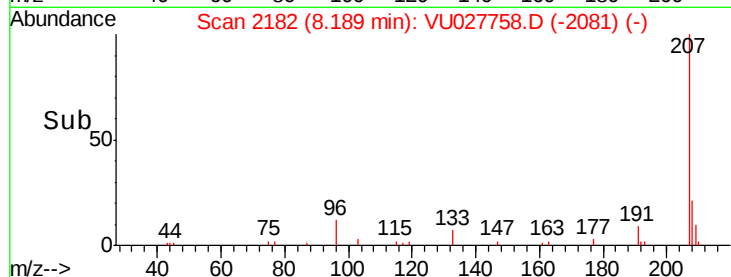
Tot Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 0.0 30.0 70.0#
57 0.0 0.0 37.7



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

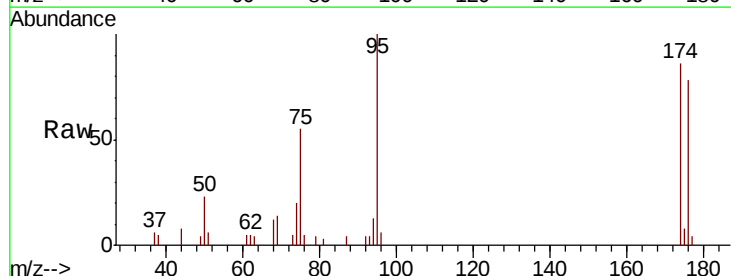


Time-->

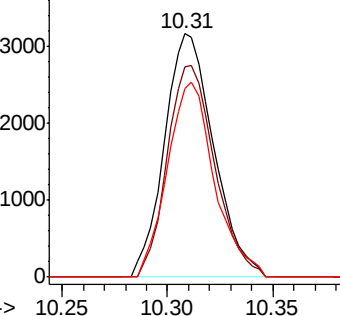


#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

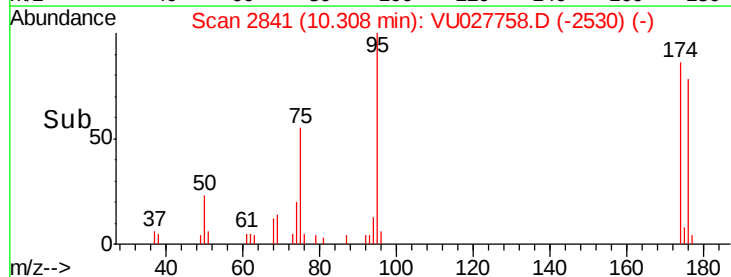
Tgt Ion: 95 Resp: 5123
Ion Ratio Lower Upper
95 100
174 84.0 64.5 96.7
176 76.6 58.3 87.5

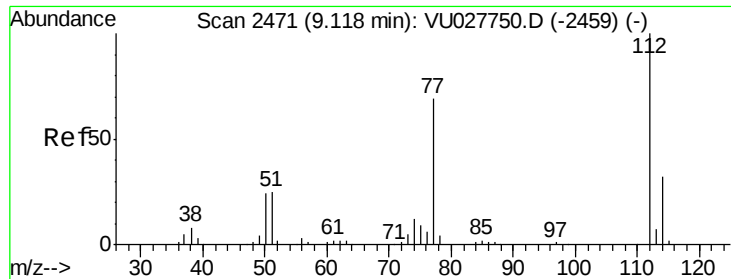


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



Time-->





#59

Chlorobenzene

Concen: 3.156 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Instrument :

MSVOA_U

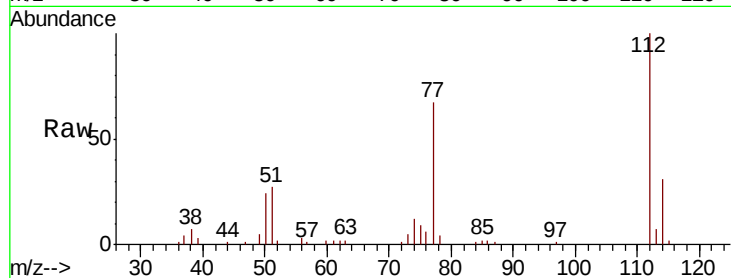
ClientSampleId :

Tot Ion:112 Resp: 30971

Ion Ratio Lower Upper

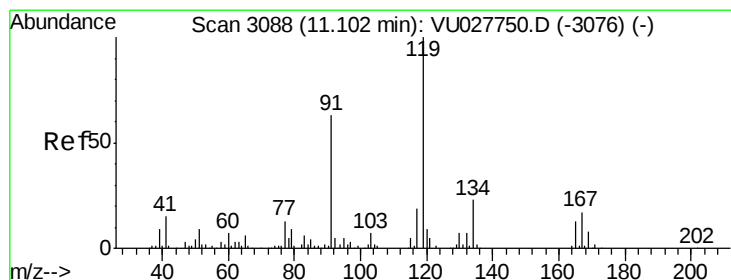
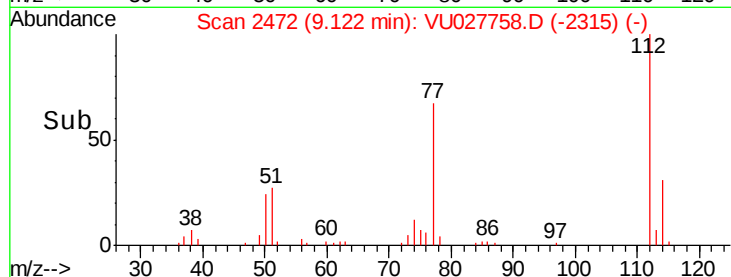
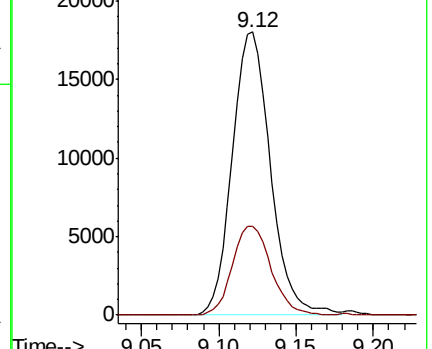
112 100

114 31.3 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#61

Pentachloroethane

Concen: 0.547 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU027758.D

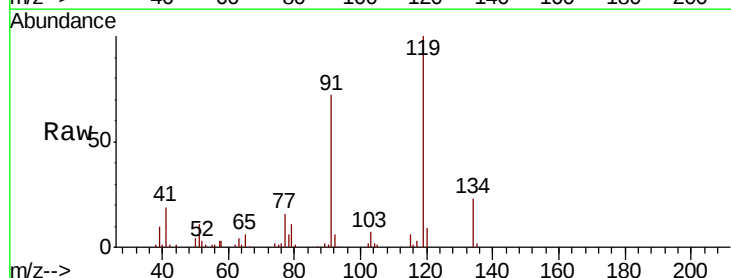
Acq: 23 Oct 2018 11:21

Tgt Ion:117 Resp: 1455

Ion Ratio Lower Upper

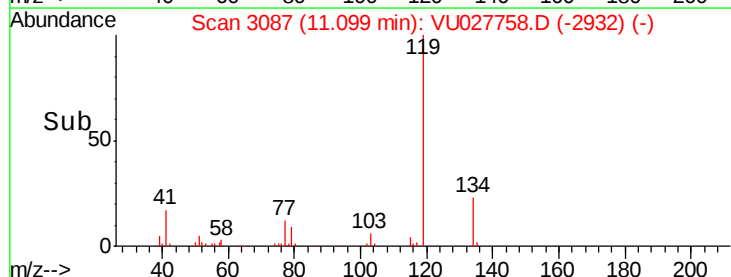
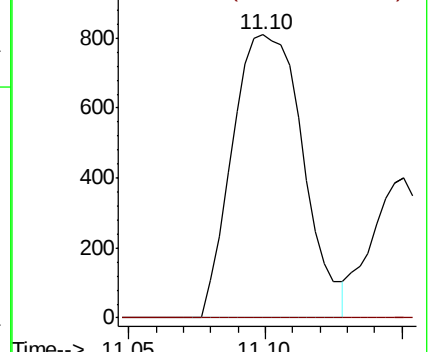
117 100

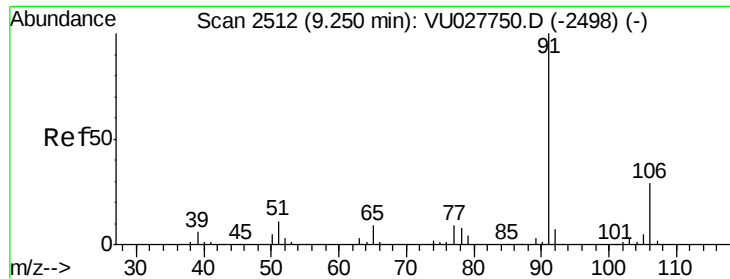
167 0.0 70.1 105.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#63

Ethyl Benzene

Concen: 4.194 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

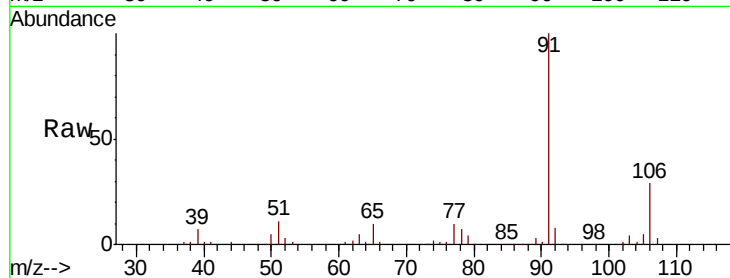
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 77964

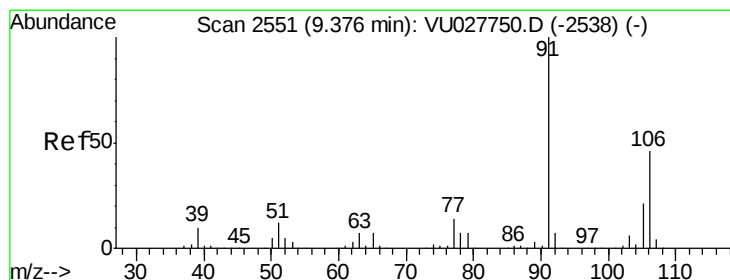
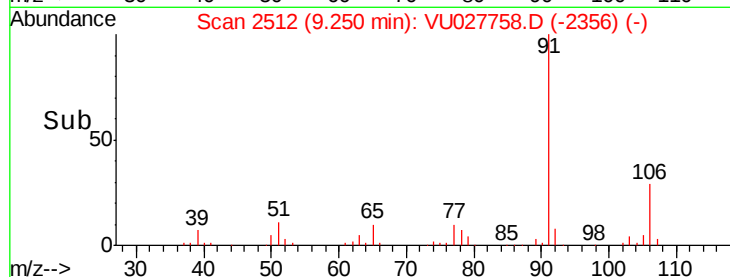
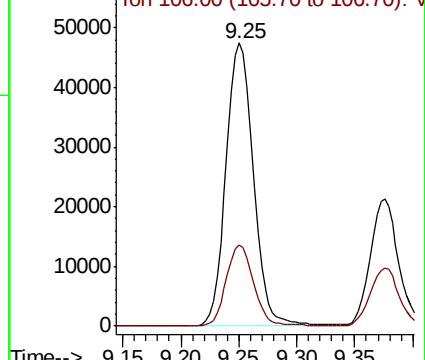
Ion Ratio Lower Upper

91 100

106 28.9 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU027750.D (-2498) (-)



#64

m/p-Xylenes

Concen: 2.539 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027758.D

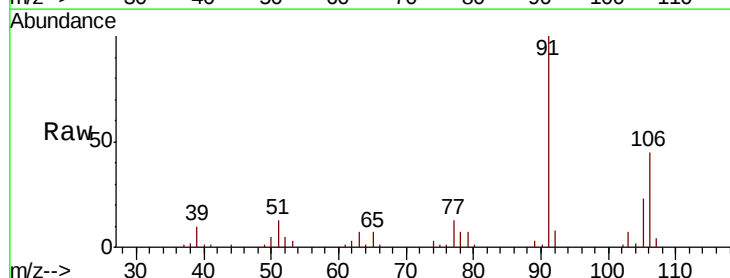
Acq: 23 Oct 2018 11:21

Tgt Ion: 106 Resp: 16840

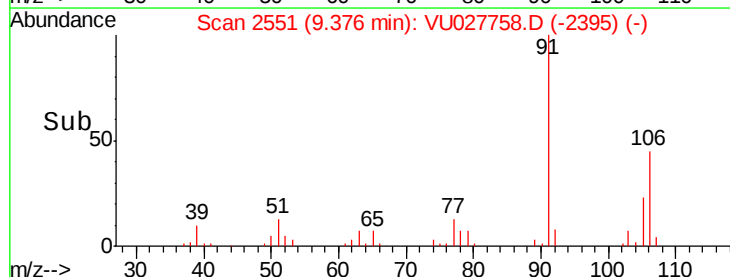
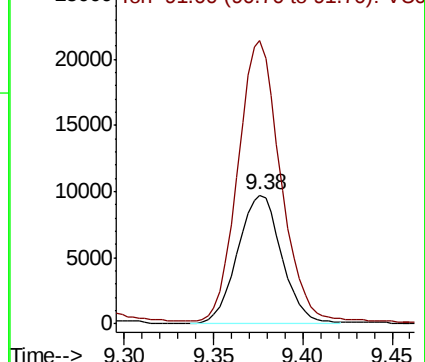
Ion Ratio Lower Upper

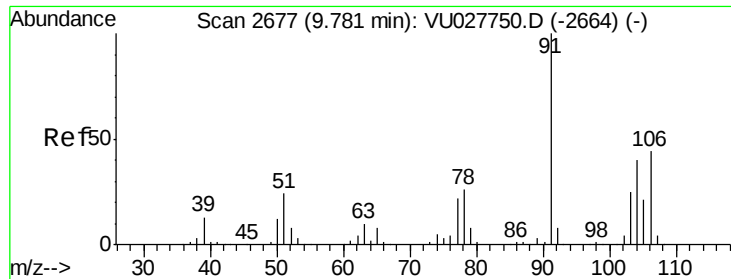
106 100

91 218.6 173.3 259.9



Abundance Ion 106.00 (105.70 to 106.70): VU027750.D (-2538) (-)

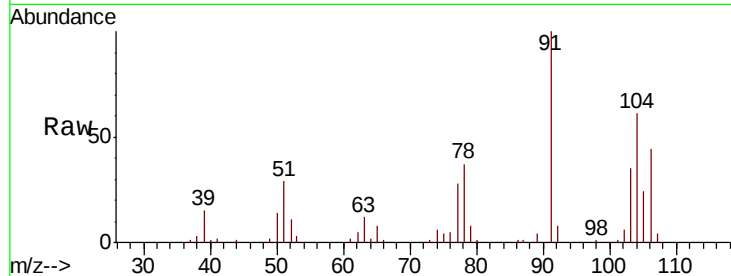




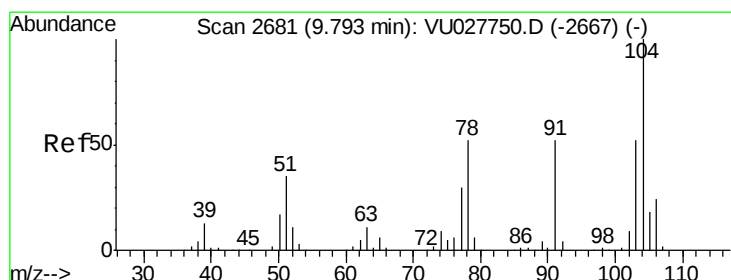
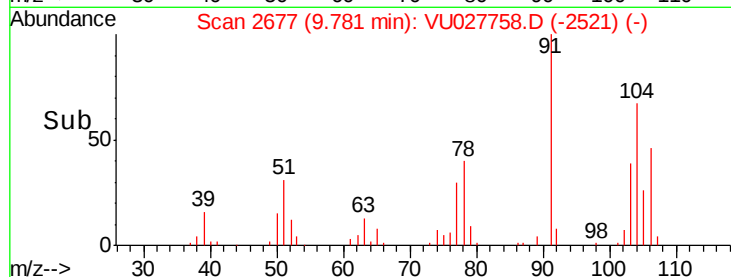
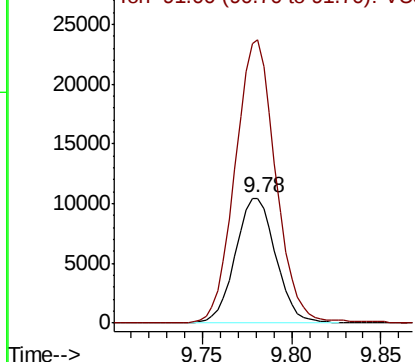
#65
o-Xylene
Concen: 2.513 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 16528
Ion Ratio Lower Upper
106 100
91 228.4 113.4 340.2

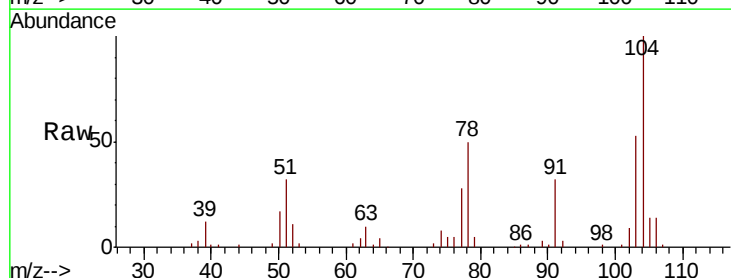


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

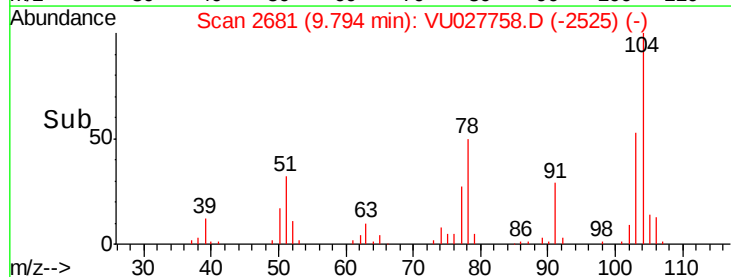
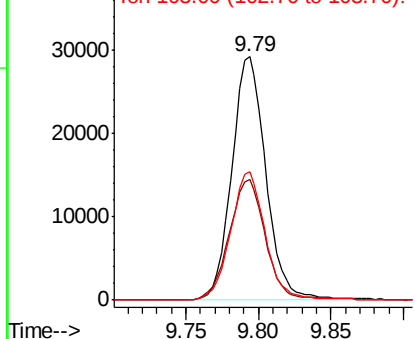


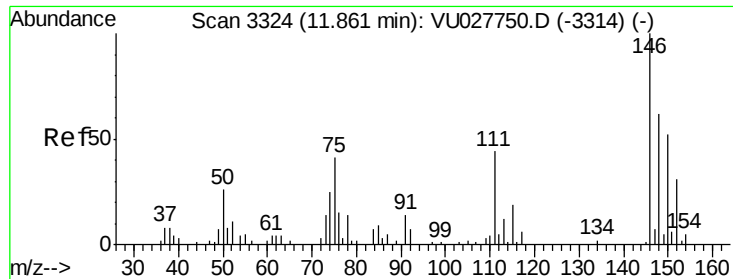
#66
Styrene
Concen: 4.377 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Tgt Ion:104 Resp: 47499
Ion Ratio Lower Upper
104 100
78 53.0 45.2 67.8
103 53.4 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# 3323

Delta R.T. -0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

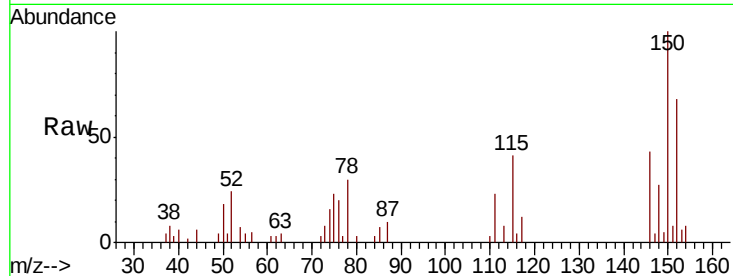
Tot Ion:152 Resp: 4837

Ion Ratio Lower Upper

152 100

115 63.4 0.0 130.2

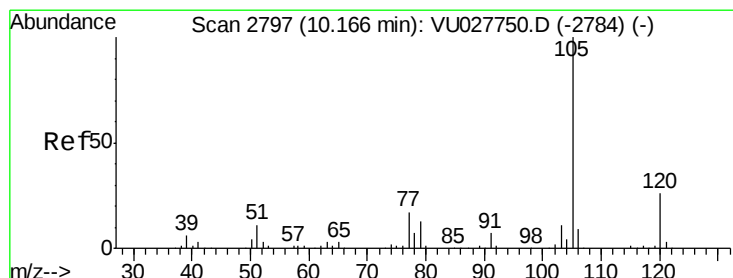
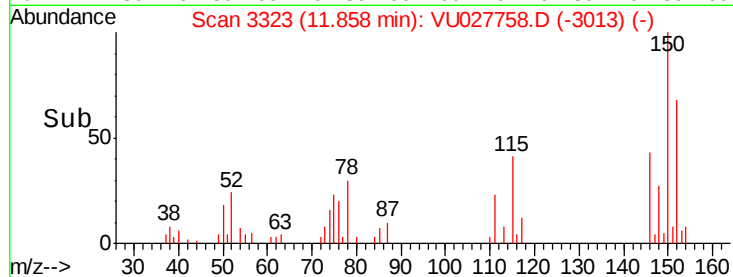
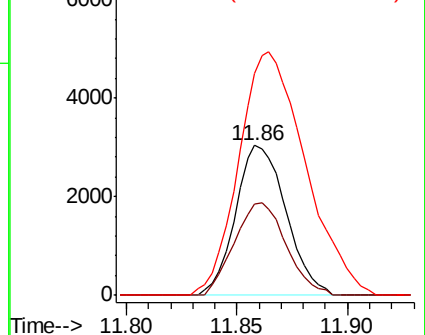
150 213.7 0.0 650.6



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: 1.562 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027758.D

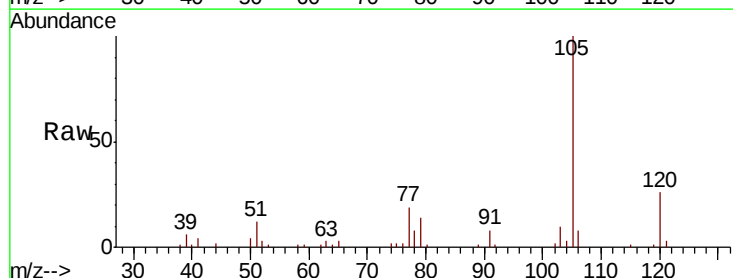
Acq: 23 Oct 2018 11:21

Tgt Ion:105 Resp: 28118

Ion Ratio Lower Upper

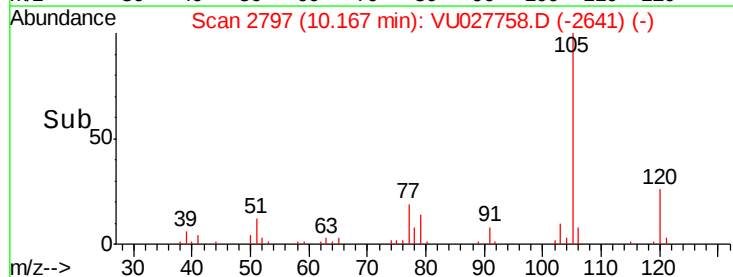
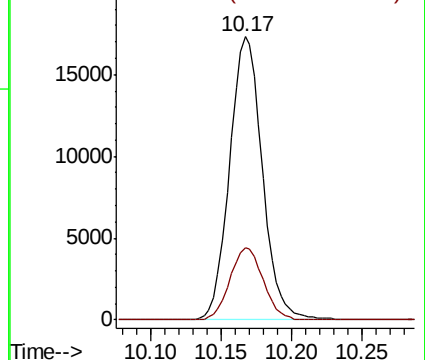
105 100

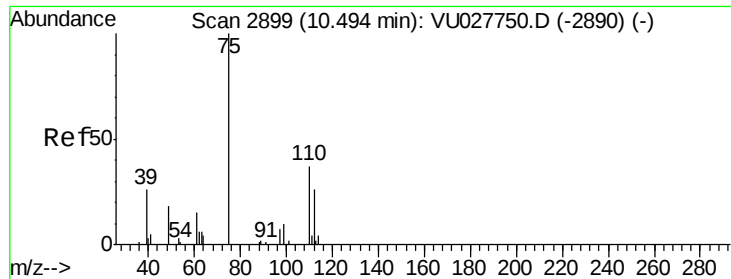
120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

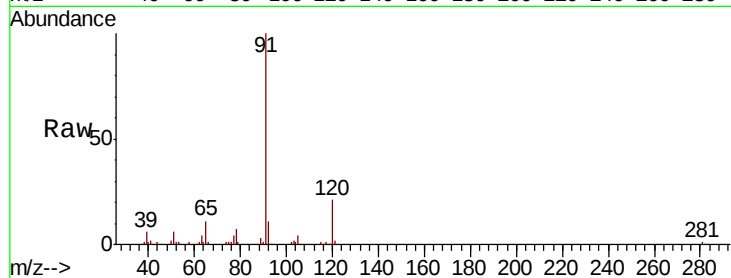




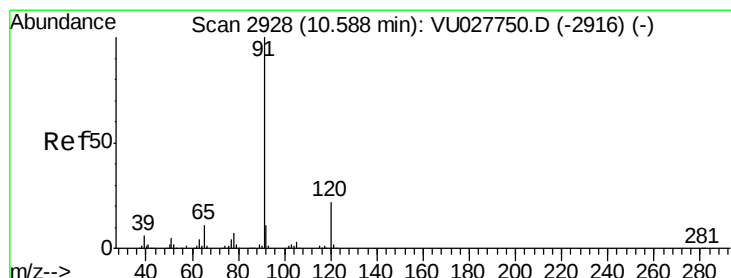
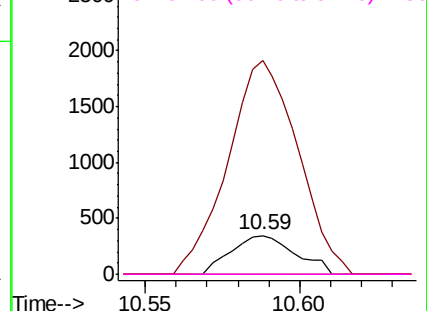
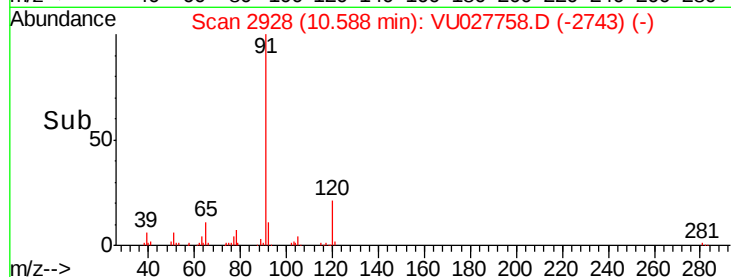
#71
 1,2,3-Trichloropropane
 Concen: 0.182 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.09 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	500
Ion	Ratio	Lower	Upper
75	100		
77	601.4	0.0	0.0#
110	0.0	0.0	68.2
97	0.0	0.0	35.2

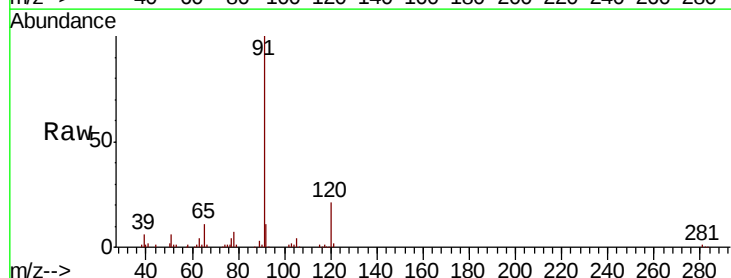


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

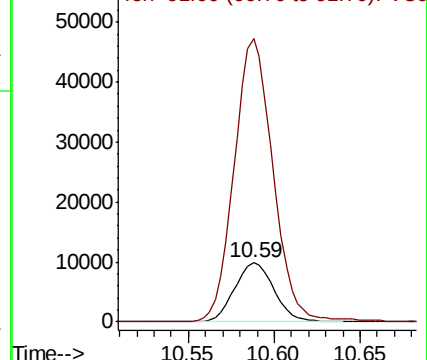
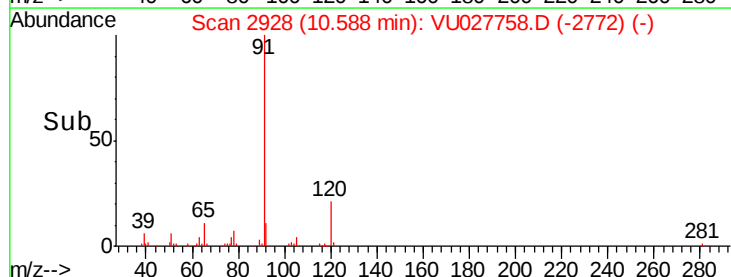


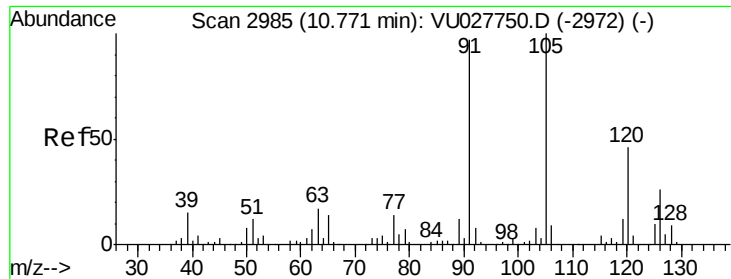
#73
 n-propylbenzene
 Concen: 3.392 ug/l
 RT: 10.59 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Tgt Ion:	120	Resp:	15751
Ion	Ratio	Lower	Upper
120	100		
91	473.7	369.0	553.6



Abundance Ion 120.00 (119.70 to 120.70): V
 Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 4.557 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Instrument :

MSVOA_U

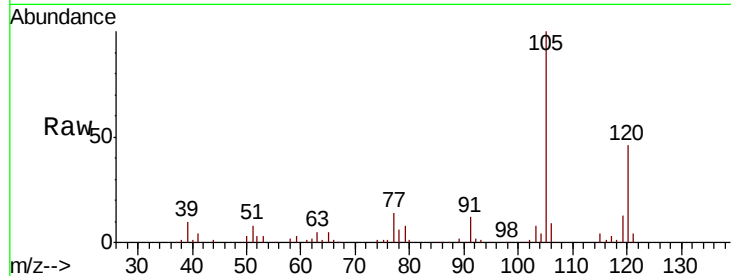
ClientSampleId :

Tot Ion:105 Resp: 68452

Ion Ratio Lower Upper

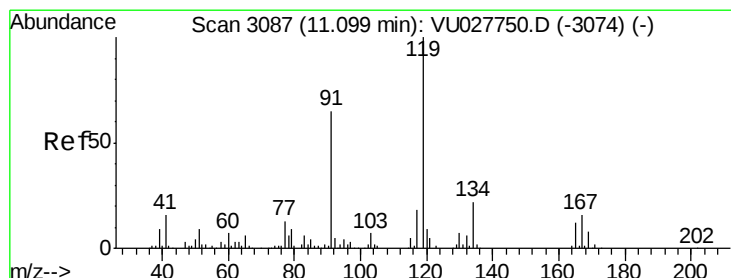
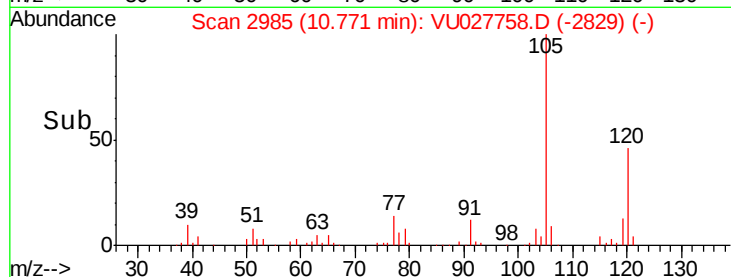
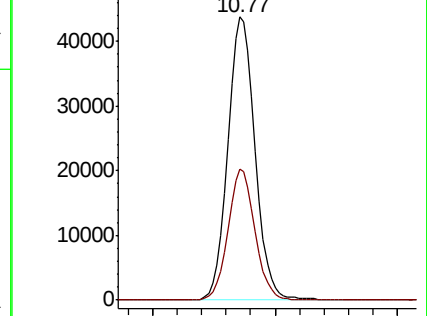
105 100

120 45.7 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

tert-Butylbenzene

Concen: 2.701 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

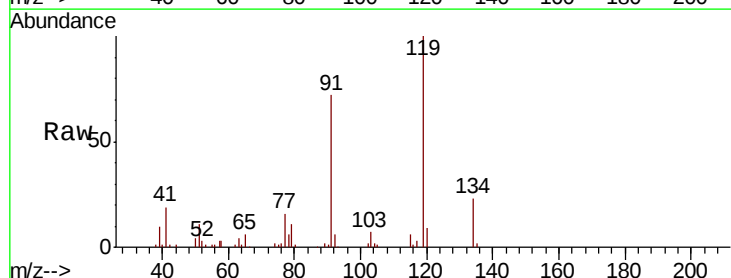
Tgt Ion:119 Resp: 39903

Ion Ratio Lower Upper

119 100

91 71.2 31.8 95.4

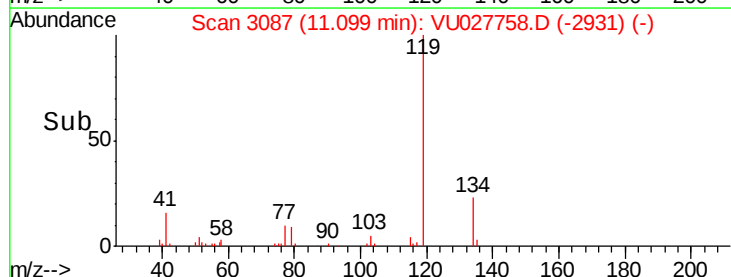
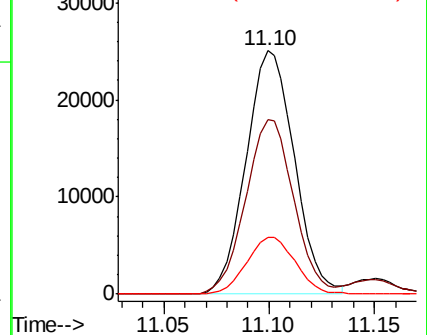
134 23.3 17.7 26.5

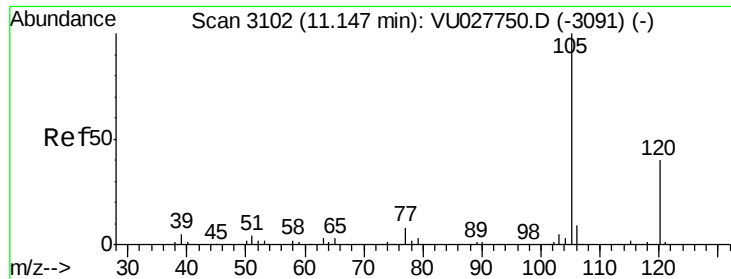


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

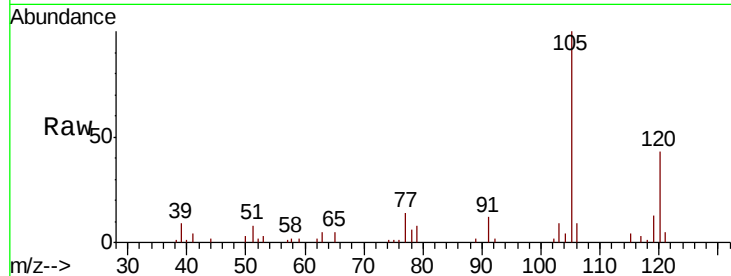




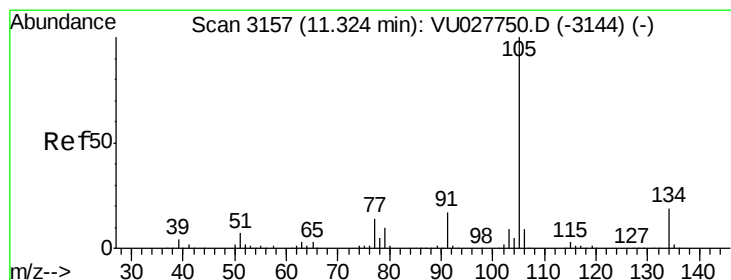
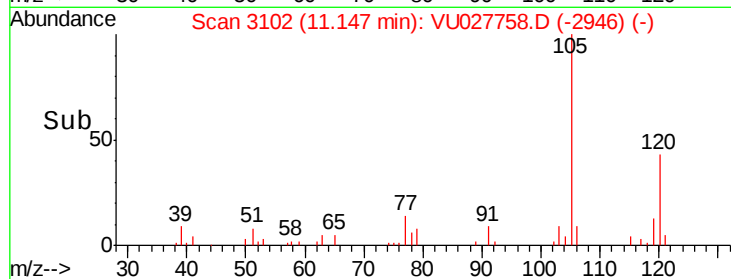
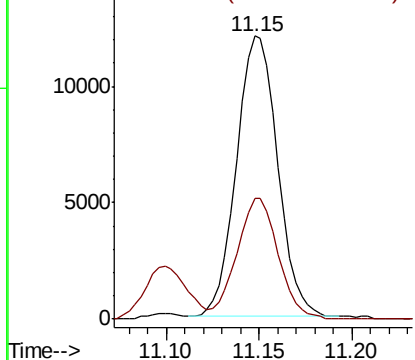
#78
 1,2,4-Trimethylbenzene
 Concen: 1.209 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:105 Resp: 18660
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 64.6

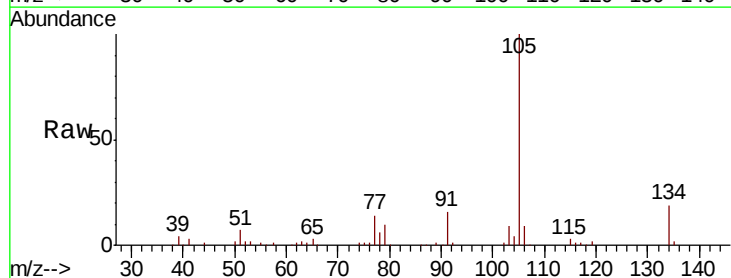


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

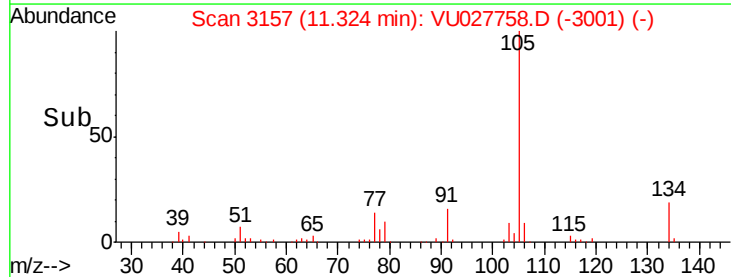
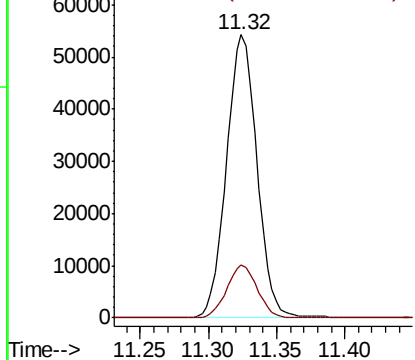


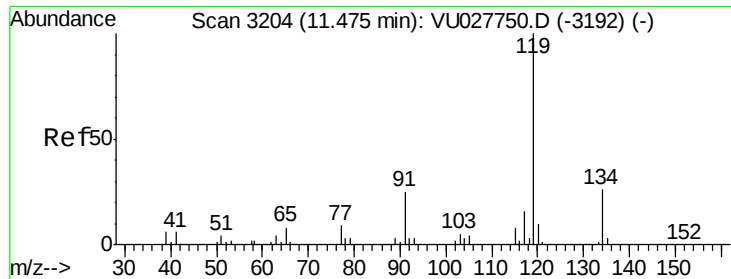
#79
 sec-Butylbenzene
 Concen: 4.308 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Tgt Ion:105 Resp: 84289
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.2 22.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

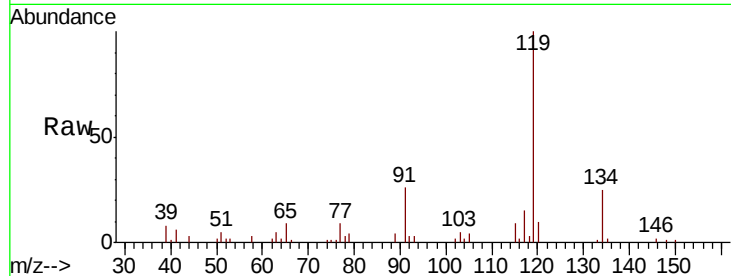




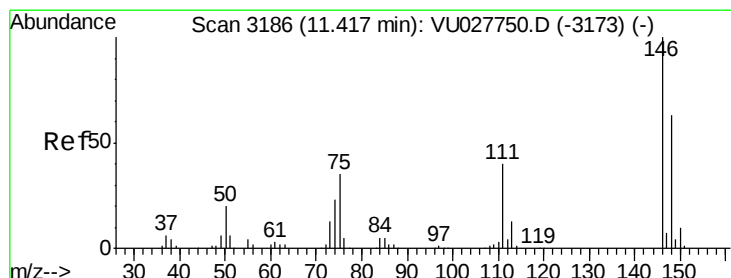
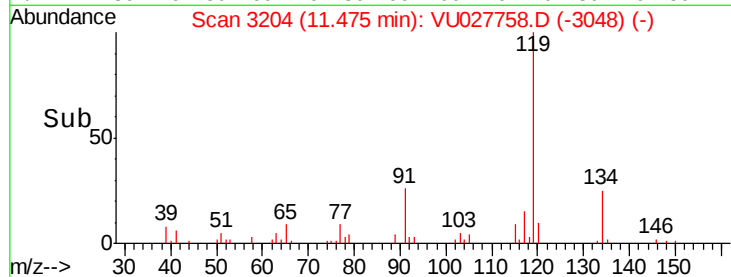
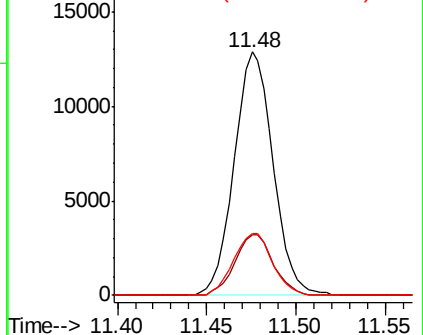
#81
 p-Isopropyltoluene
 Concen: 1.226 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.5	20.3	30.5
91	25.4	20.2	30.4

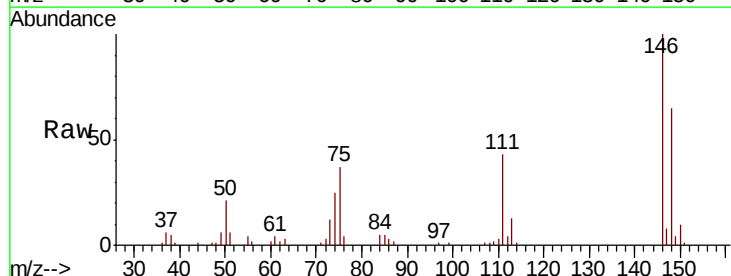


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

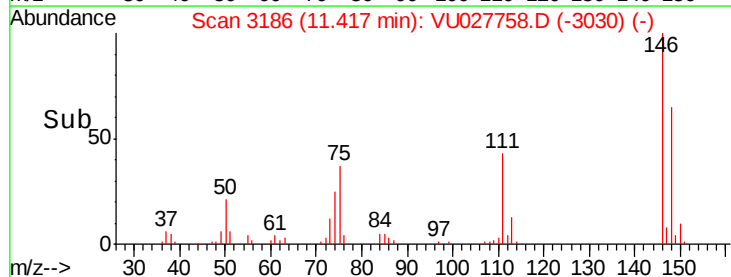
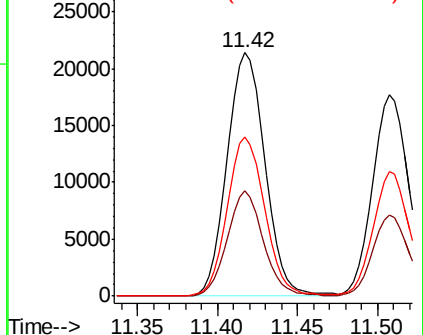


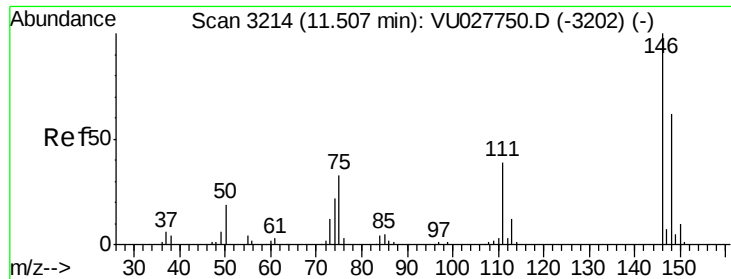
#82
 1,3-Dichlorobenzene
 Concen: 4.361 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.7	49.1
148	64.6	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

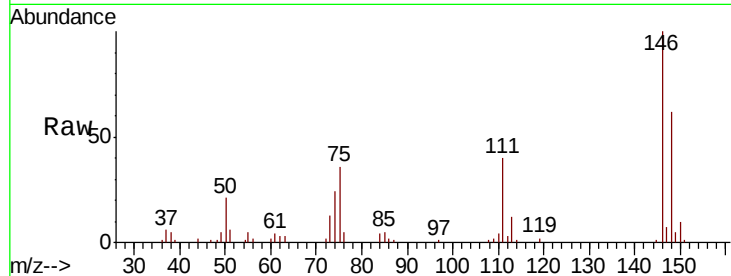




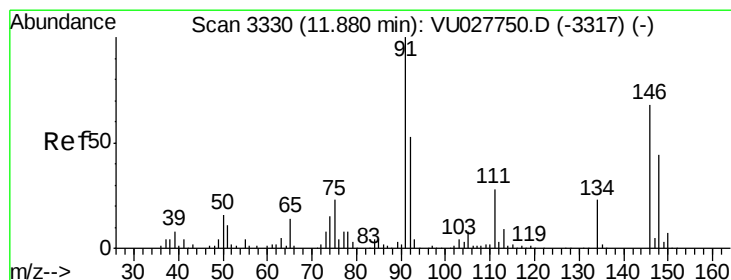
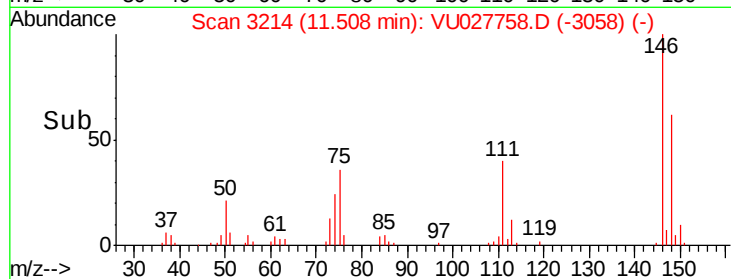
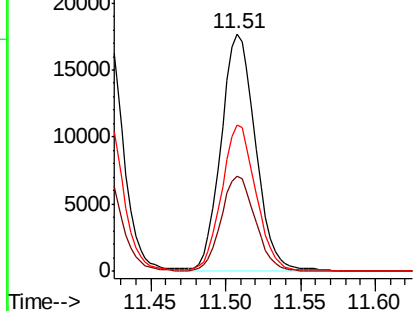
#83
1,4-Dichlorobenzene
Concen: 3.579 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:146 Resp: 28466
Ion Ratio Lower Upper
146 100
111 39.5 32.0 48.0
148 61.7 50.9 76.3

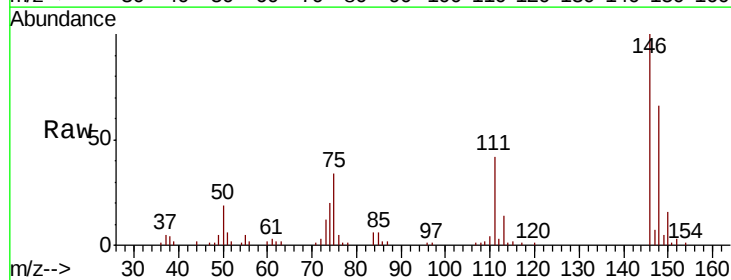


Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

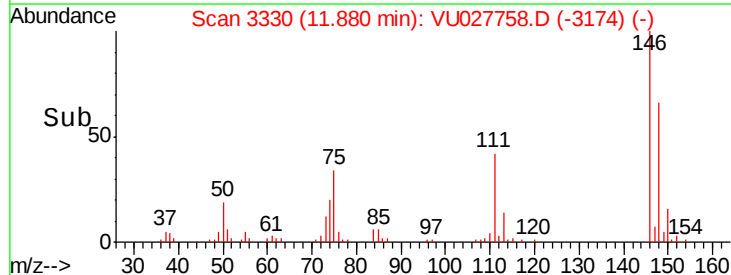
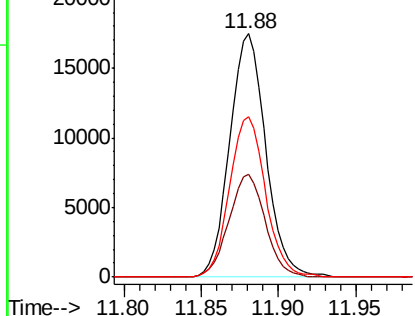


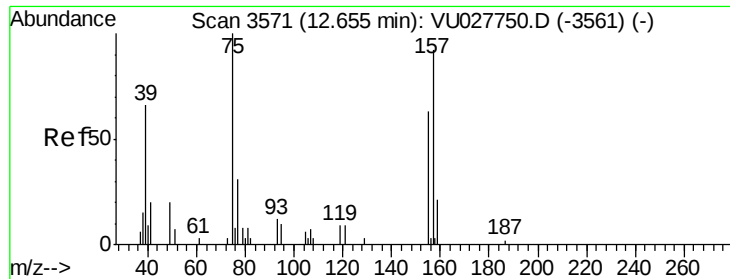
#85
1,2-Dichlorobenzene
Concen: 3.735 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027758.D
Acq: 23 Oct 2018 11:21

Tgt Ion:146 Resp: 28289
Ion Ratio Lower Upper
146 100
111 42.4 21.2 63.6
148 65.6 32.2 96.6



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

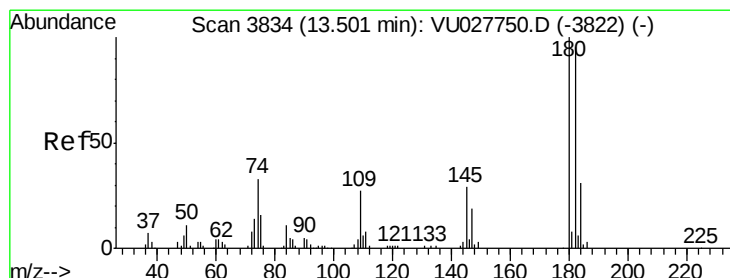
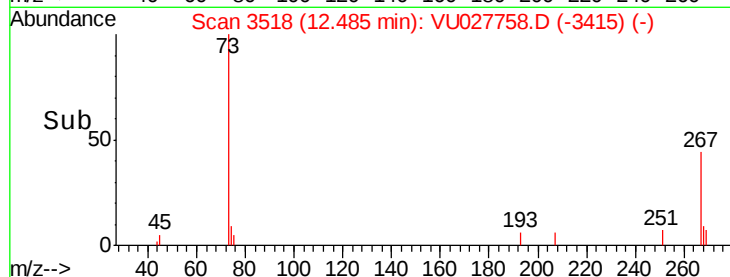
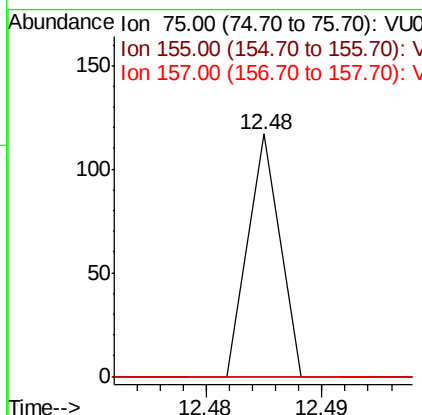
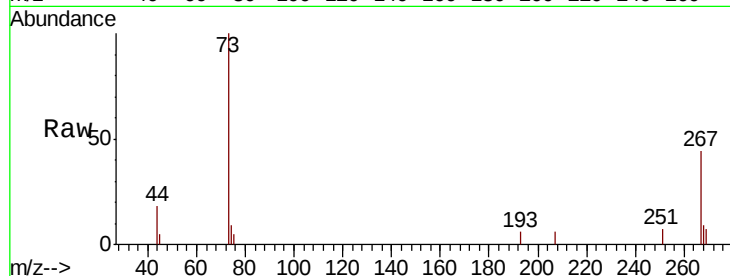




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.035 ug/l
 RT: 12.48 min Scan# 3518
 Delta R.T. -0.17 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

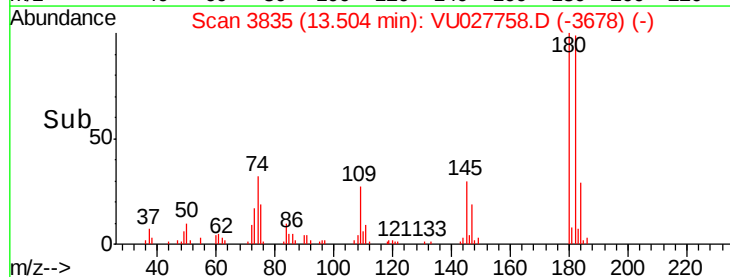
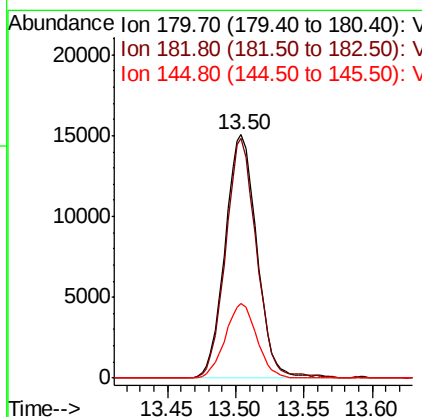
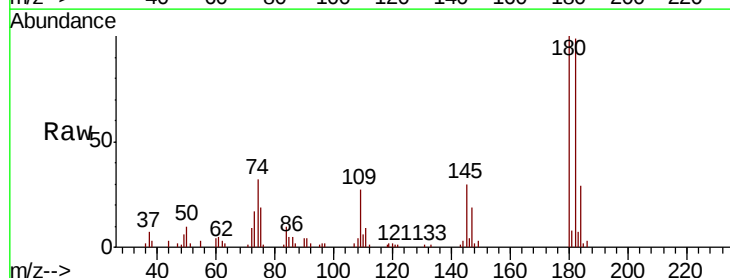
Instrument :
 MSVOA_U
 ClientSampleId :

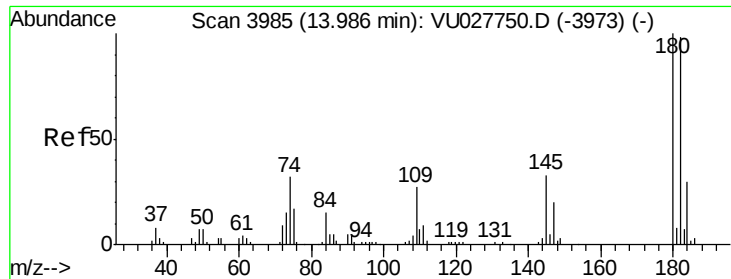
Tot Ion: 75 Resp: 23
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.5 83.3#
 157 0.0 71.0 106.4#



#87
 1,2,4-Trichlorobenzene
 Concen: 4.425 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027758.D
 Acq: 23 Oct 2018 11:21

Tgt Ion: 180 Resp: 24353
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.9 113.9
 145 30.3 23.6 35.4





#90

1,2,3-Trichlorobenzene

Concen: 4.037 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU027758.D

Acq: 23 Oct 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

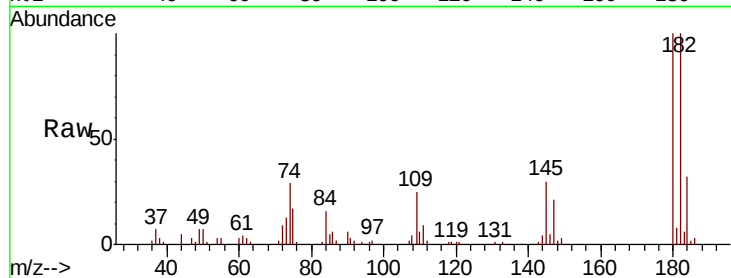
Tot Ion:180 Resp: 21143

Ion Ratio Lower Upper

180 100

182 97.1 77.0 115.6

145 30.5 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

