

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102318\
 Data File : VU027759.D
 Acq On : 23 Oct 2018 11:45
 Operator : MD/SY
 Sample : J5026-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:10:08 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	12903	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	4867	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4492	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						Ovalue
6) Chloroethane	1.70	64	173	0.062	ug/l #	44
11) Allyl Chloride	2.64	41	88	0.013	ug/l	93
13) Acetone	2.32	43	84	0.105	ug/l #	47
14) Carbon Disulfide	2.48	76	121	0.011	ug/l #	75
15) Methylene Chloride	2.70	84	509	0.140	ug/l	87
18) 2-Butanone	4.29	43	38	0.029	ug/l	79
21) 2,2-Dichloropropane	4.25	77	93	0.015	ug/l #	55
25) Methyl tert-Butyl Ether	3.01	73	3923	0.428	ug/l	100
29) 1,1-Dichloropropene	5.38	75	888	0.166	ug/l #	1
31) Isopropyl Ether	3.46	45	20	0.002	ug/l #	1
33) Tert-Amyl methyl ether	5.75	73	81	0.008	ug/l #	58
35) Benzene	5.39	78	47739	3.192	ug/l	98
36) 1,2-Dichloroethane	5.40	62	159	0.032	ug/l #	79
41) Tetrahydrofuran	4.66	42	153	0.158	ug/l #	40
45) 4-Methyl-2-Pentanone	7.64	43	1835	0.592	ug/l #	23
46) t-1,4-Dichloro-2-butene	10.59	75	1915	1.714	ug/l #	1
49) Toluene	7.64	92	112204	12.646	ug/l	99
50) t-1,3-Dichloropropene	7.64	75	1369	0.265	ug/l #	1
52) 1,1,2-Trichloroethane	8.16	97	24	0.009	ug/l #	13
59) Chlorobenzene	9.12	112	114665	12.058	ug/l	99
61) Pentachloroethane	11.10	117	5624	2.181	ug/l #	6
63) Ethyl Benzene	9.25	91	292743	16.253	ug/l	100
64) m/p-Xylenes	9.38	106	65007	10.114	ug/l	99
65) o-Xylene	9.78	106	62618	9.826	ug/l	98
66) Styrene	9.79	104	178888	17.011	ug/l	97
69) Isopropylbenzene	10.17	105	111451	6.389	ug/l	99
71) 1,2,3-Trichloropropane	10.59	75	1915	0.719	ug/l #	47
73) n-propylbenzene	10.59	120	62164	13.816	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	262460	18.029	ug/l	99
77) tert-Butylbenzene	11.10	119	152010	10.616	ug/l	90
78) 1,2,4-Trimethylbenzene	11.15	105	72326	4.836	ug/l	99
79) sec-Butylbenzene	11.32	105	325631	17.174	ug/l	100
81) p-Isopropyltoluene	11.48	119	75453	4.869	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	132008	17.162	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	104808	13.599	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	105853	14.423	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.49	75	19	0.030	ug/l #	9
87) 1,2,4-Trichlorobenzene	13.50	180	94026	17.631	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	79673	15.700	ug/l	99
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 24 05:10:08 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

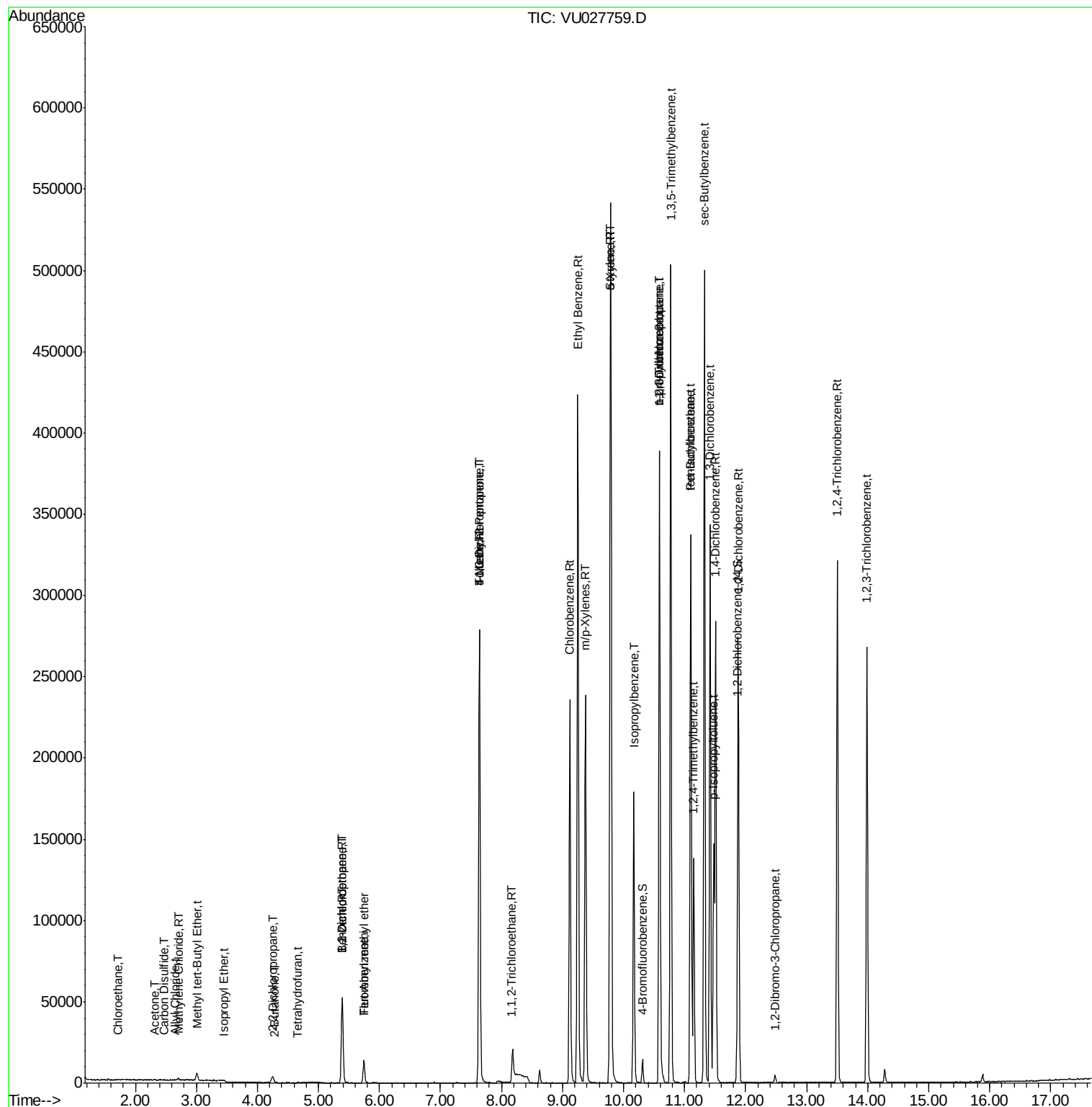
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

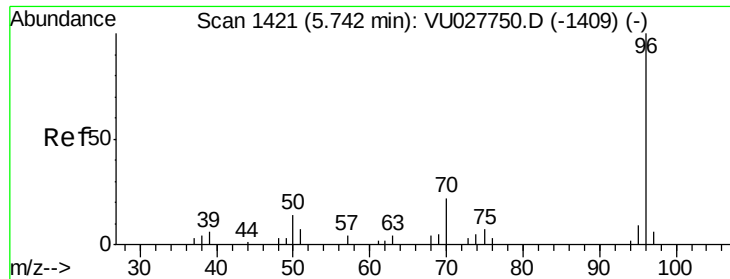
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102318\
Data File : VU027759.D
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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: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 12903

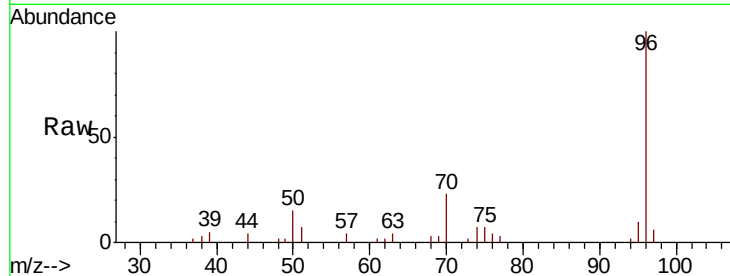
Ion Ratio Lower Upper

96 100

70 22.1 17.7 26.5

95 9.2 7.0 10.6

97 6.5 0.0 0.0#

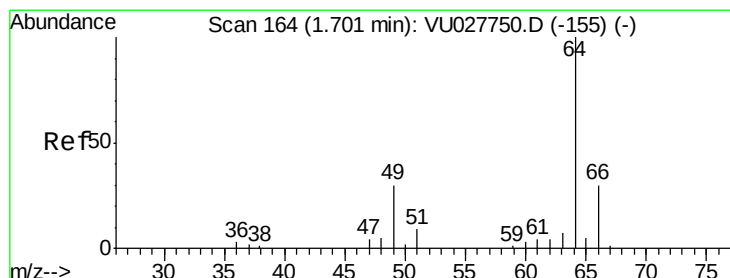
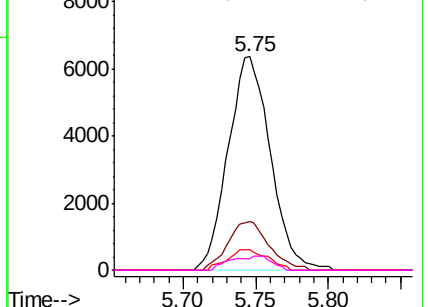
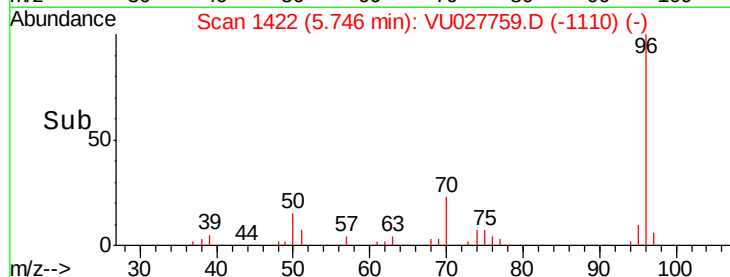


Abundance Ion 96.00 (95.70 to 96.70): VU027750.D (-1409) (-)

Ion 70.00 (69.70 to 70.70): VU027750.D (-1409) (-)

Ion 95.00 (94.70 to 95.70): VU027750.D (-1409) (-)

Ion 97.00 (96.70 to 97.70): VU027750.D (-1409) (-)



#6

Chloroethane

Concen: 0.062 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027759.D

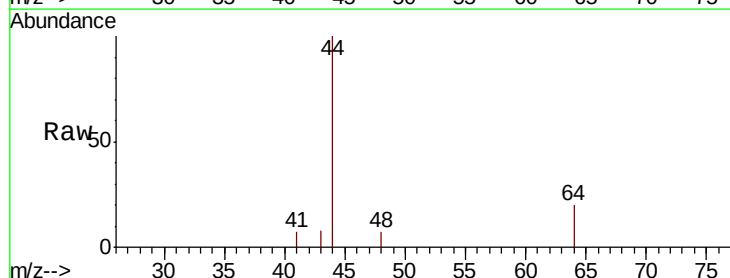
Acq: 23 Oct 2018 11:45

Tgt Ion: 64 Resp: 173

Ion Ratio Lower Upper

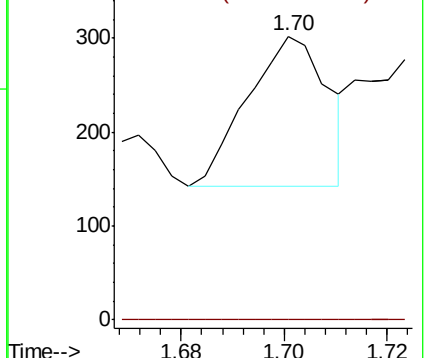
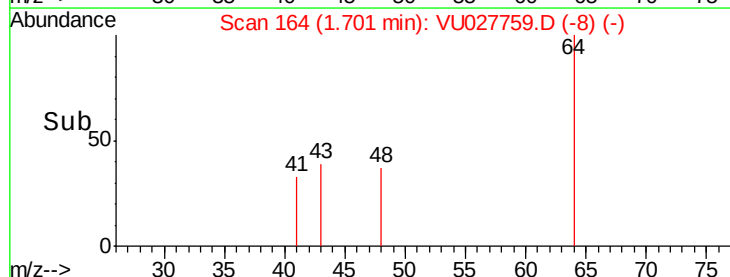
64 100

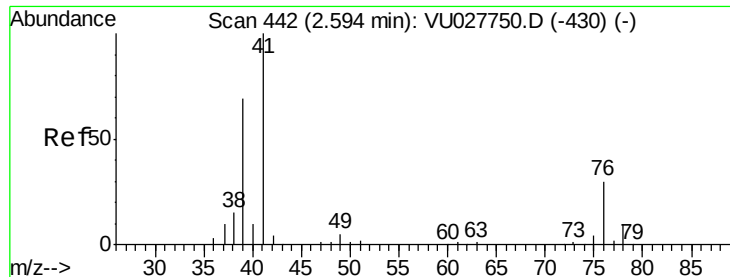
66 0.0 24.3 36.5#



Abundance Ion 64.00 (63.70 to 64.70): VU027750.D (-155) (-)

Ion 66.00 (65.70 to 66.70): VU027750.D (-155) (-)

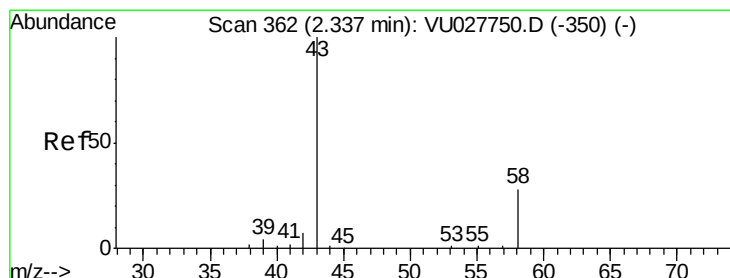
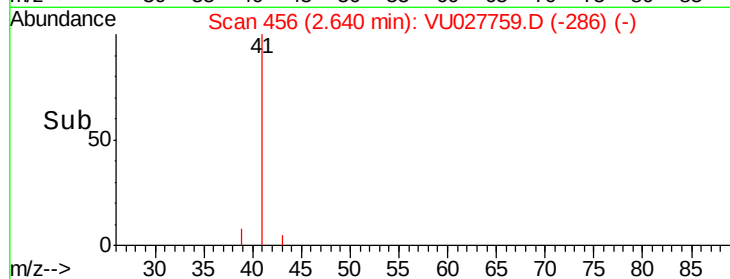
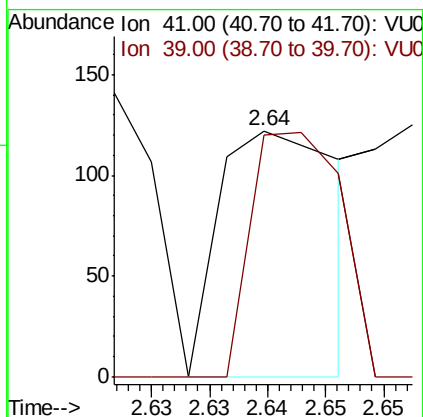
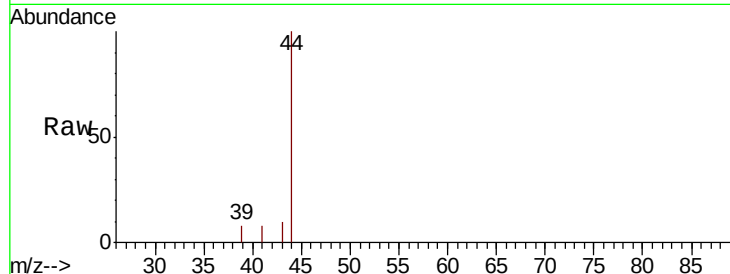




#11
Allvl Chloride
Concen: 0.013 ug/l
RT: 2.64 min Scan# 456
Delta R.T. 0.05 min
Lab File: VU027759.D
Acq: 23 Oct 2018 11:45

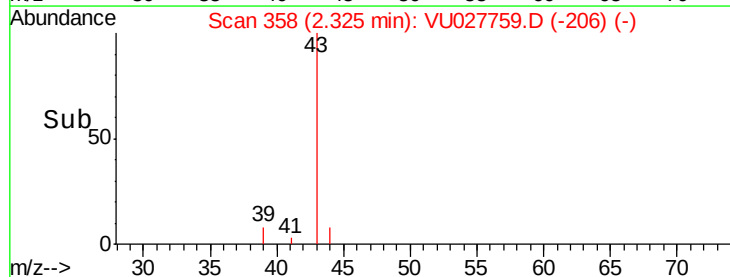
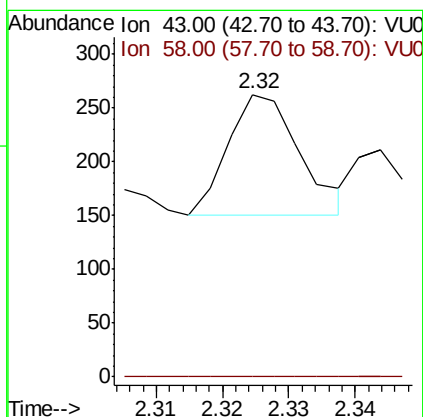
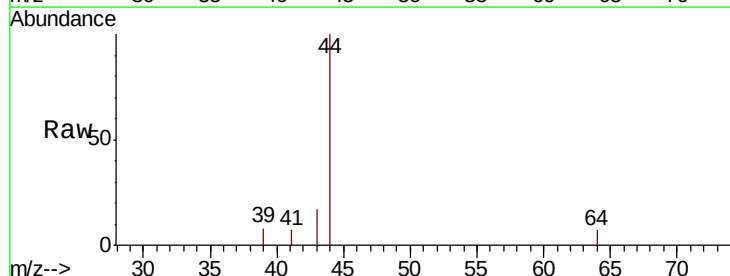
Instrument :
MSVOA_U
ClientSampleId :

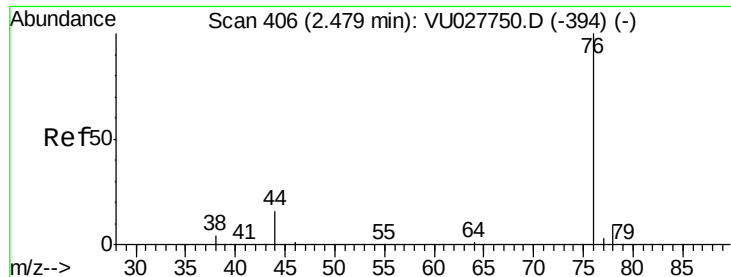
Tot Ion: 41 Resp: 88
Ion Ratio Lower Upper
41 100
39 75.0 55.4 83.0



#13
Acetone
Concen: 0.105 ug/l
RT: 2.32 min Scan# 358
Delta R.T. -0.01 min
Lab File: VU027759.D
Acq: 23 Oct 2018 11:45

Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#14

Carbon Disulfide

Concen: 0.011 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

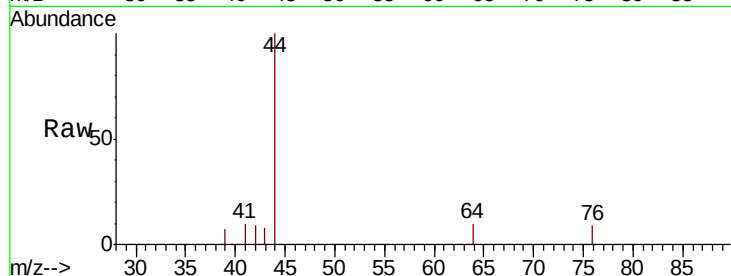
ClientSampleId :

Tot Ion: 76 Resp: 121

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

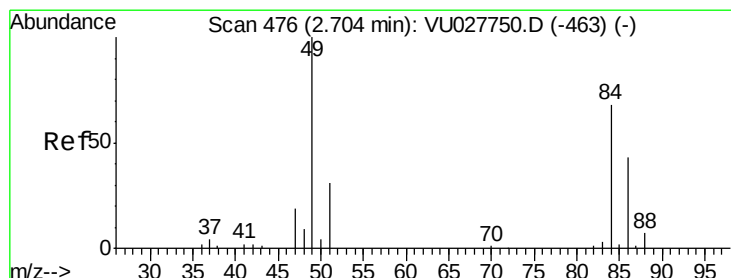
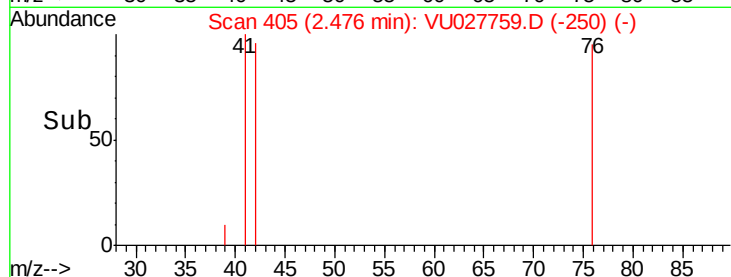
150

100

50

0

Time--> 2.45 2.46 2.47 2.48 2.49



#15

Methylene Chloride

Concen: 0.140 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Tgt Ion: 84 Resp: 509

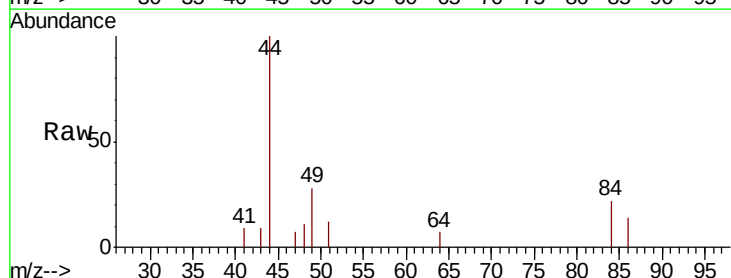
Ion Ratio Lower Upper

84 100

49 123.9 118.5 177.7

51 52.3 0.0 91.0

86 63.0 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

600

500

400

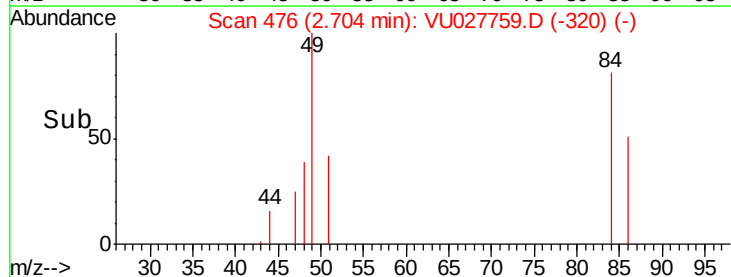
300

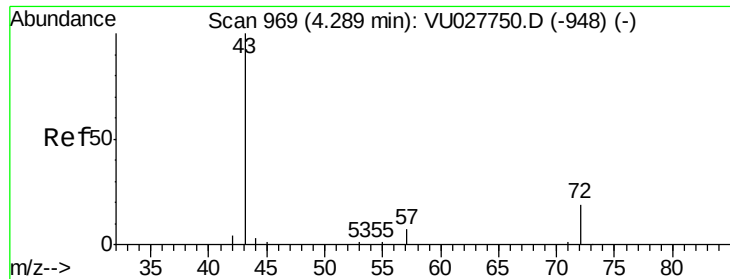
200

100

0

Time--> 2.66 2.68 2.70 2.72 2.74

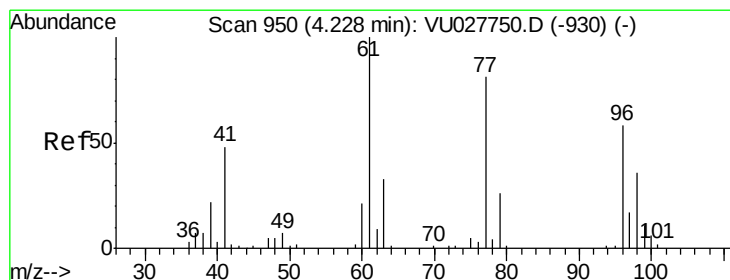
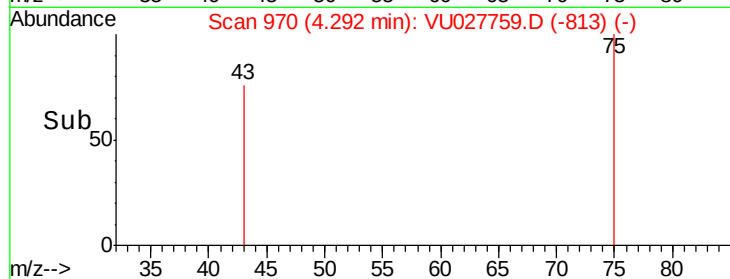
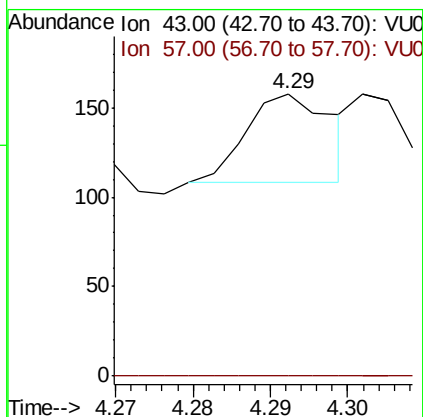
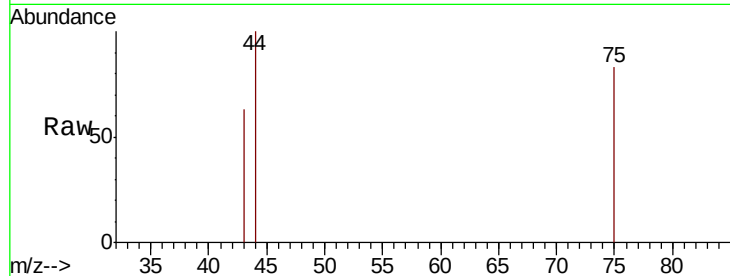




#18
2-Butanone
Concen: 0.029 ug/l
RT: 4.29 min Scan# 970
Delta R.T. 0.00 min
Lab File: VU027759.D
Acq: 23 Oct 2018 11:45

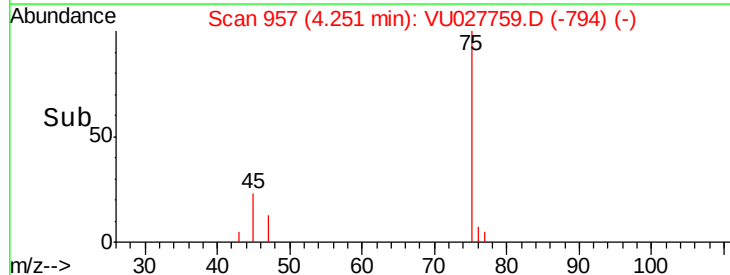
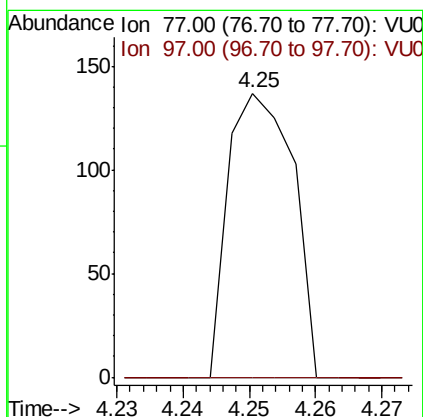
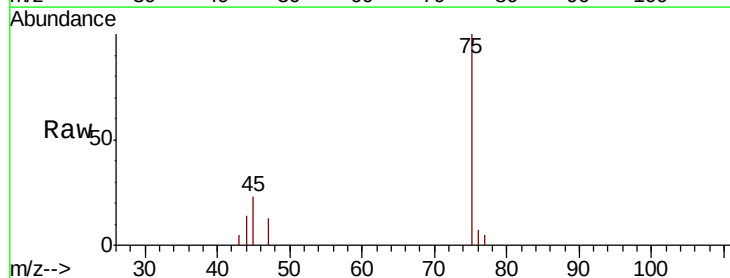
Instrument :
MSVOA_U
ClientSampleId :

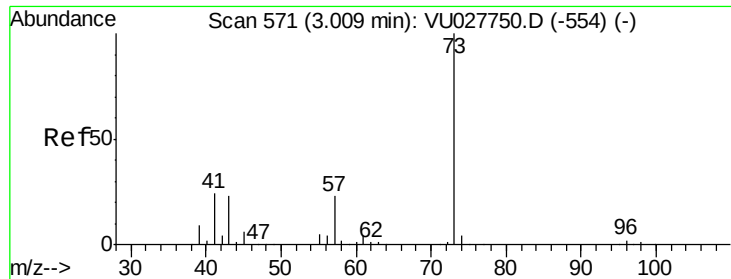
Tot Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
57 0.0 0.0 14.4



#21
2,2-Dichloropropane
Concen: 0.015 ug/l
RT: 4.25 min Scan# 957
Delta R.T. 0.02 min
Lab File: VU027759.D
Acq: 23 Oct 2018 11:45

Tgt Ion: 77 Resp: 93
Ion Ratio Lower Upper
77 100
97 0.0 16.9 25.3#



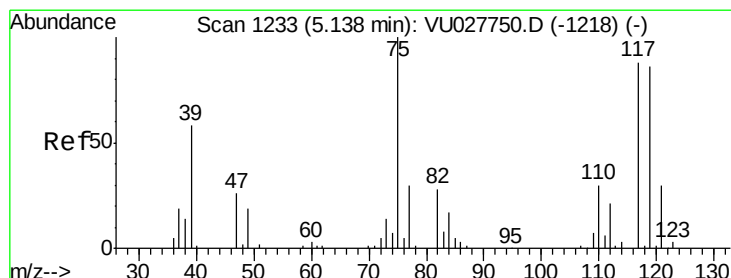
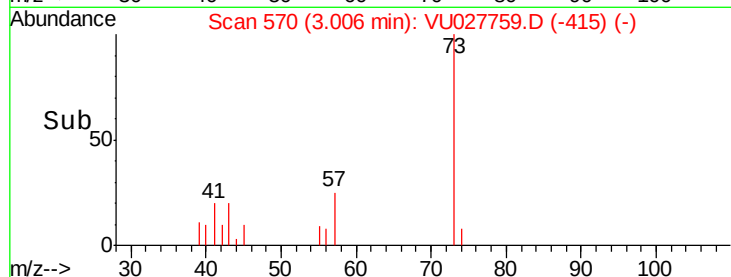
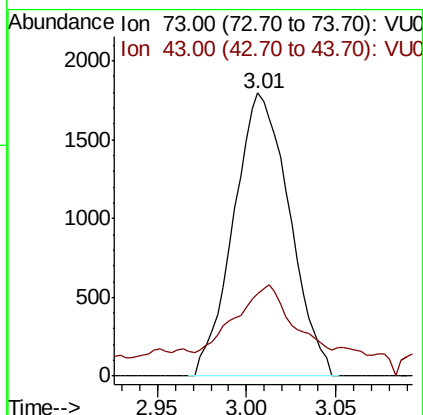
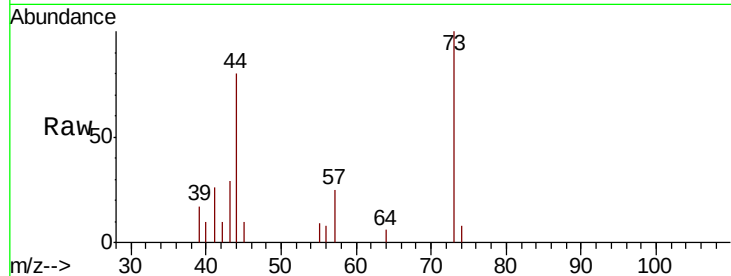


#25

Methyl tert-Butyl Ether
 Concen: 0.428 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

Instrument :
 MSVOA_U
 ClientSampled :

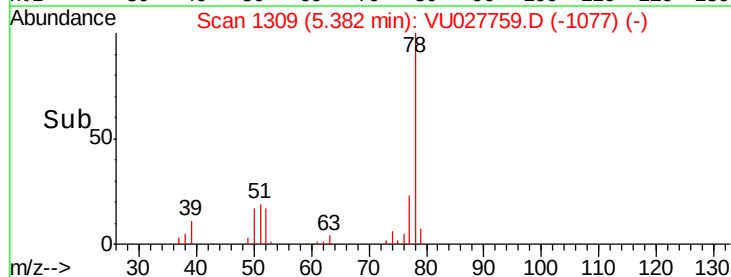
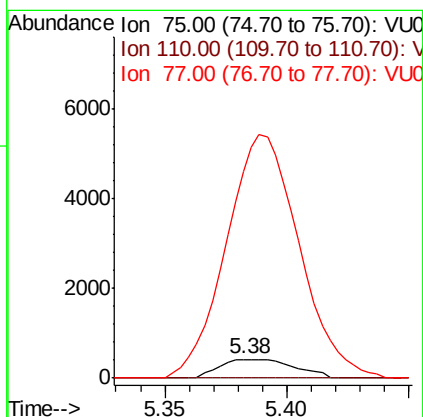
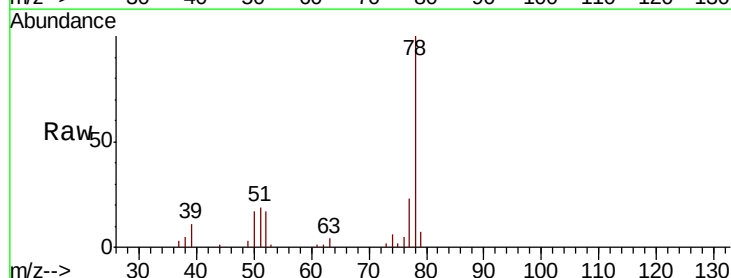
Tot Ion: 73 Resp: 3923
 Ion Ratio Lower Upper
 73 100
 43 23.1 18.6 27.8

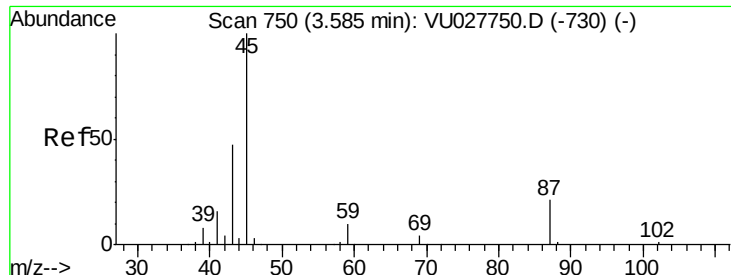


#29

1,1-Dichloropropene
 Concen: 0.166 ug/l
 RT: 5.38 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

Tgt Ion: 75 Resp: 888
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.6 46.8#
 77 1270.6 24.5 36.7#





#31

Isopropyl Ether

Concen: 0.002 ug/l

RT: 3.46 min Scan# 712

Delta R.T. -0.12 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

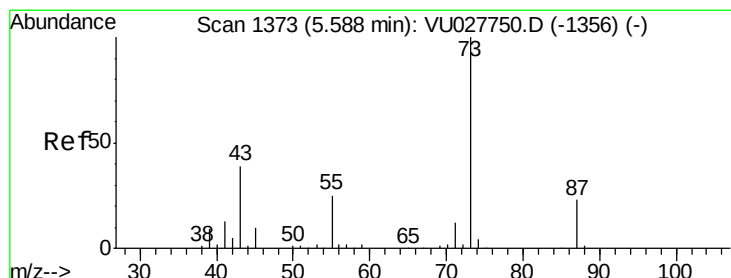
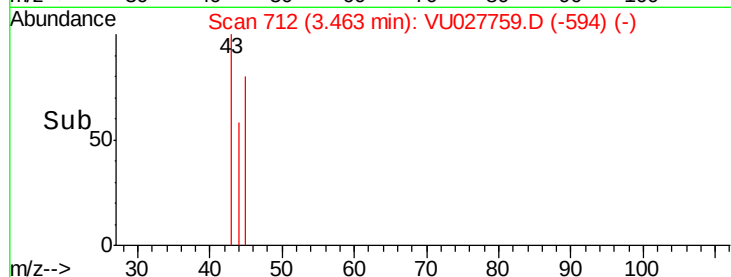
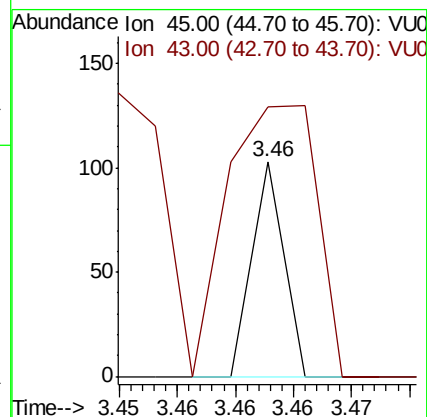
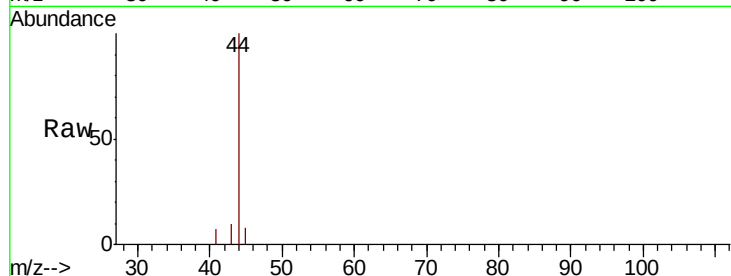
ClientSampled :

Tot Ion: 45 Resp: 20

Ion Ratio Lower Upper

45 100

43 350.0 24.5 73.5#



#33

Tert-Amyl methyl ether

Concen: 0.008 ug/l

RT: 5.75 min Scan# 1422

Delta R.T. 0.16 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

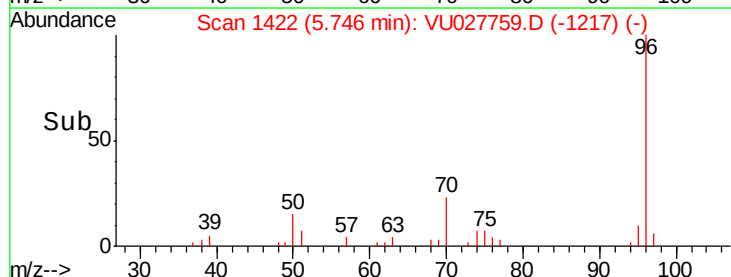
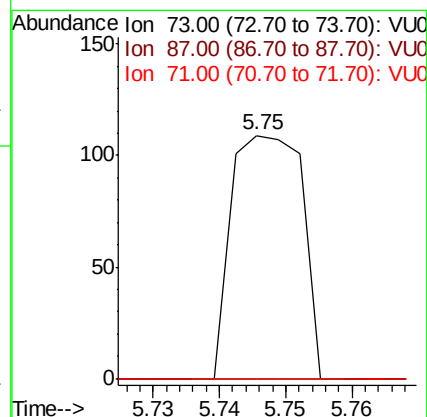
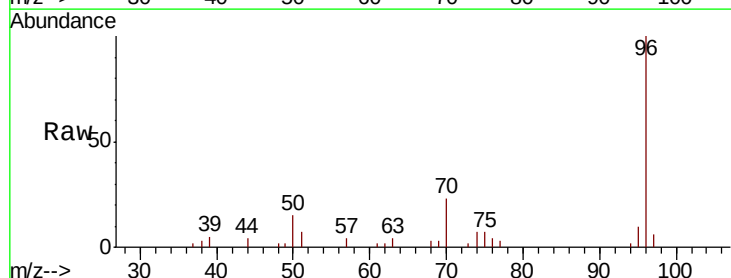
Tgt Ion: 73 Resp: 81

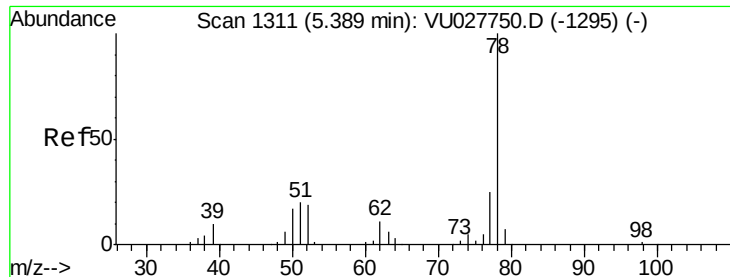
Ion Ratio Lower Upper

73 100

87 0.0 18.5 27.7#

71 0.0 9.1 13.7#





#35

Benzene

Concen: 3.192 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

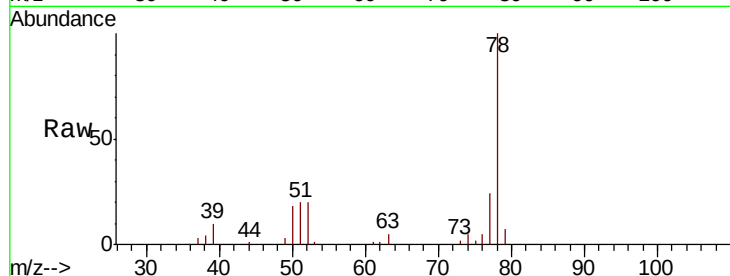
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 47739

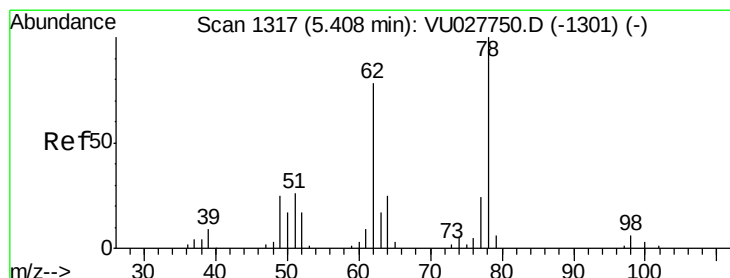
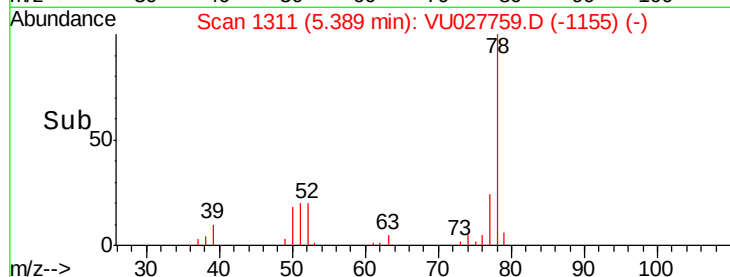
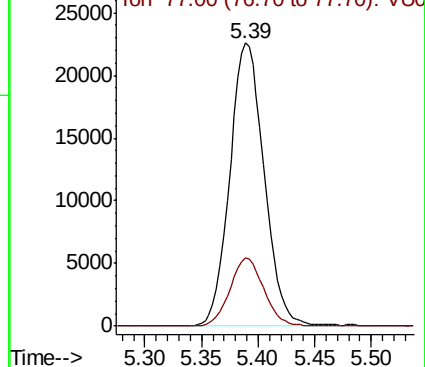
Ion Ratio Lower Upper

78 100

77 24.1 19.9 29.9



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



#36

1,2-Dichloroethane

Concen: 0.032 ug/l

RT: 5.40 min Scan# 1313

Delta R.T. -0.01 min

Lab File: VU027759.D

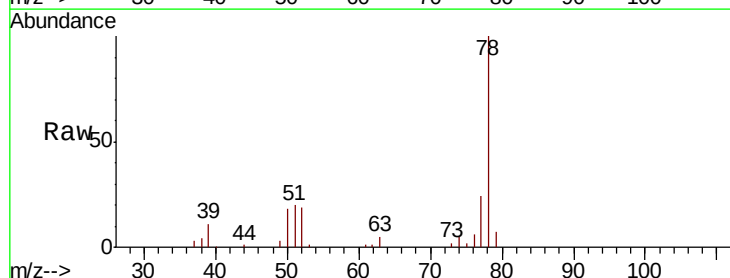
Acq: 23 Oct 2018 11:45

Tgt Ion: 62 Resp: 159

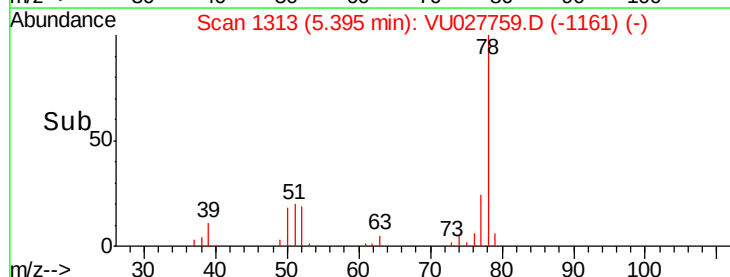
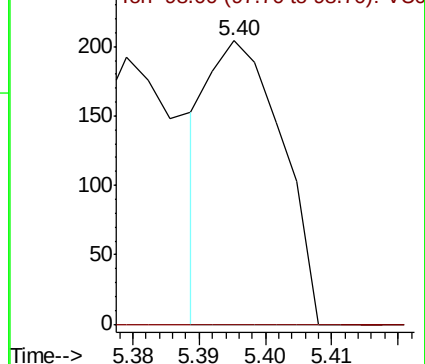
Ion Ratio Lower Upper

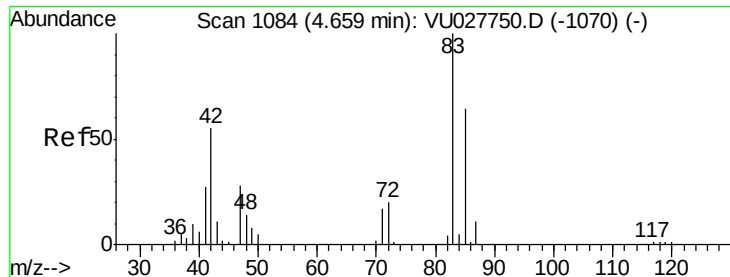
62 100

98 0.0 5.8 8.6#



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





#41

Tetrahydrofuran

Concen: 0.158 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

ClientSampleId :

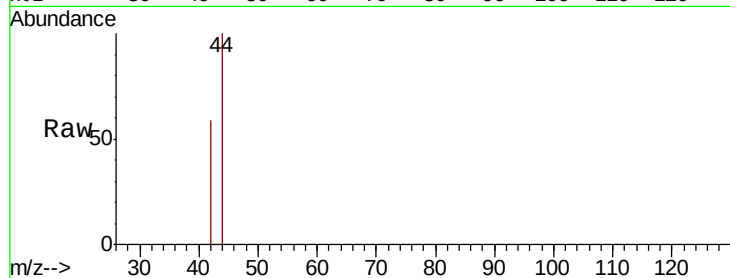
Tot Ion: 42 Resp: 153

Ion Ratio Lower Upper

42 100

72 0.0 30.6 45.8#

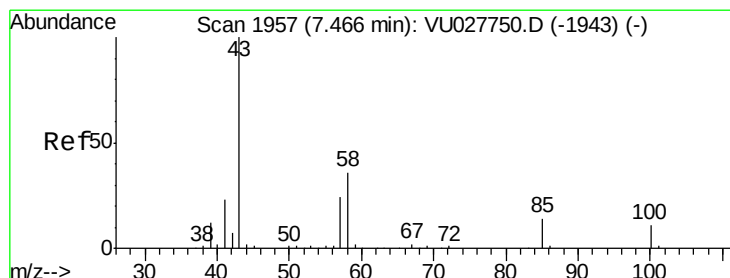
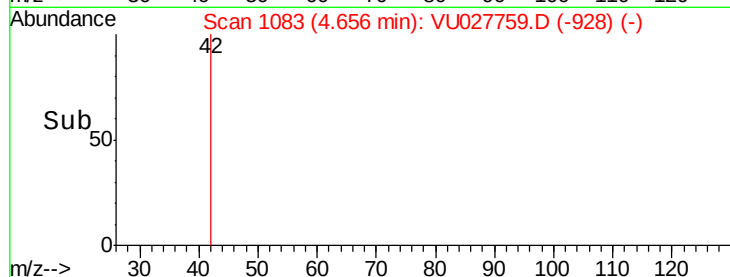
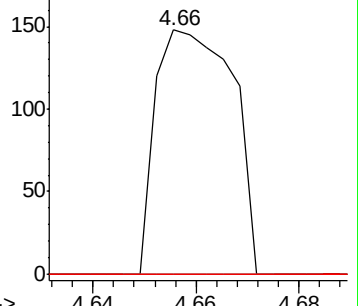
71 0.0 25.2 37.8#



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: 0.592 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.17 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

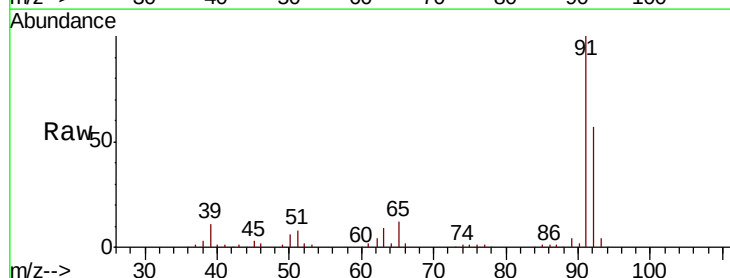
Tgt Ion: 43 Resp: 1835

Ion Ratio Lower Upper

43 100

58 0.0 17.9 53.8#

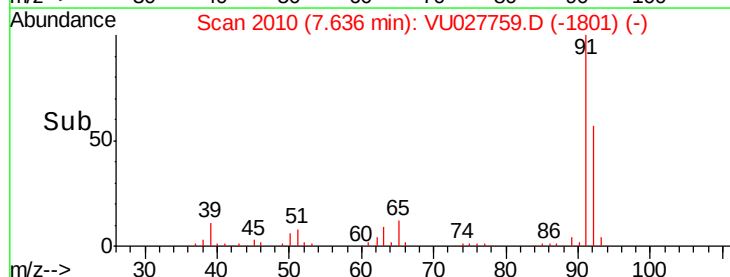
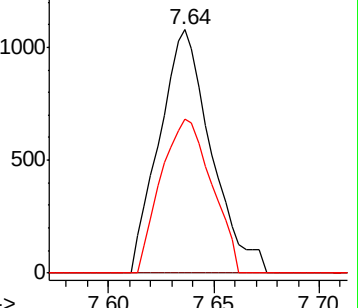
85 62.1 11.4 17.0#

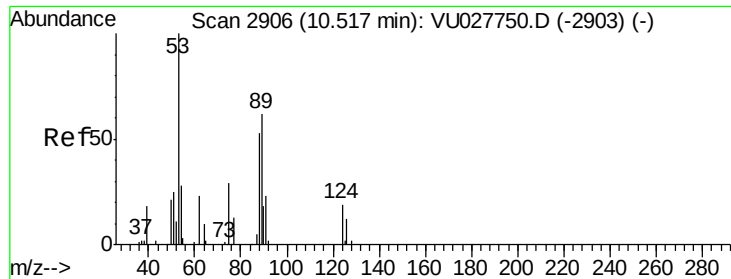


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 1.714 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.07 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 1915

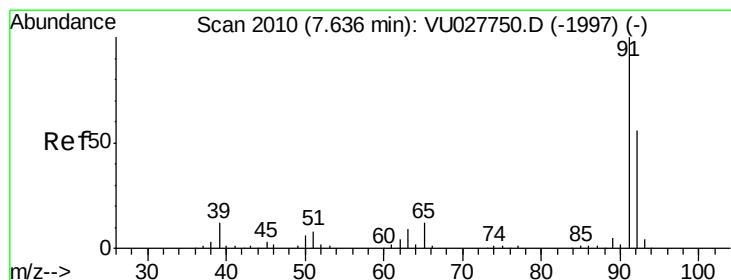
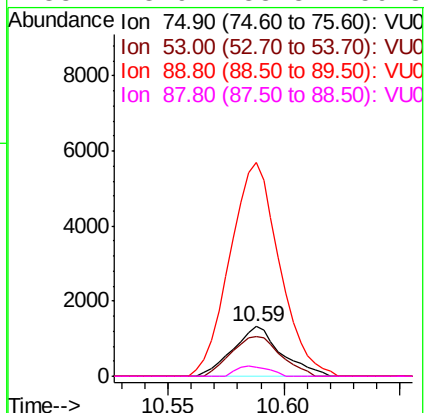
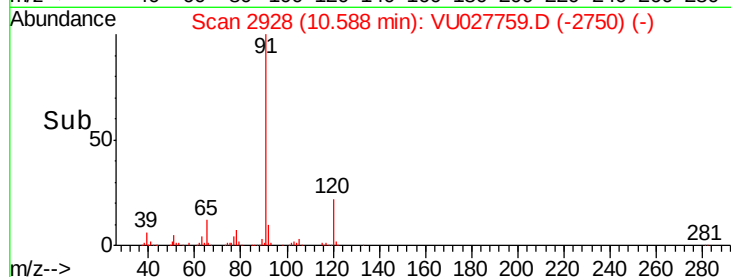
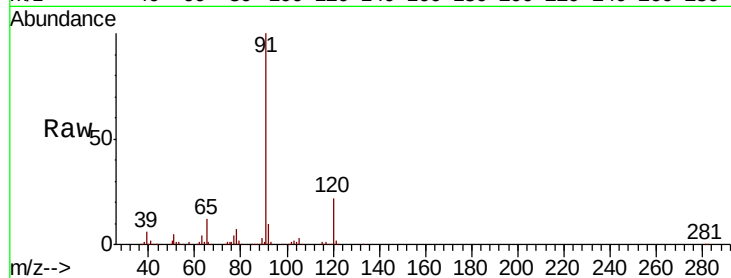
Ion Ratio Lower Upper

75 100

53 81.5 68.2 102.4

89 440.7 41.8 62.6#

88 13.9 33.8 50.8#



#49

Toluene

Concen: 12.646 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027759.D

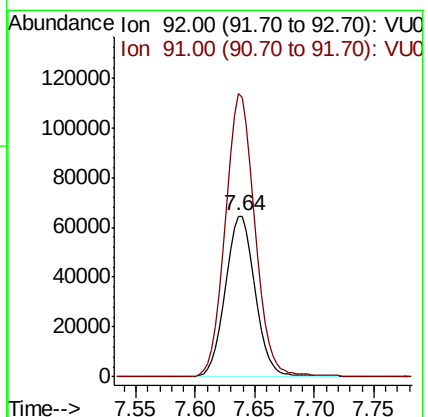
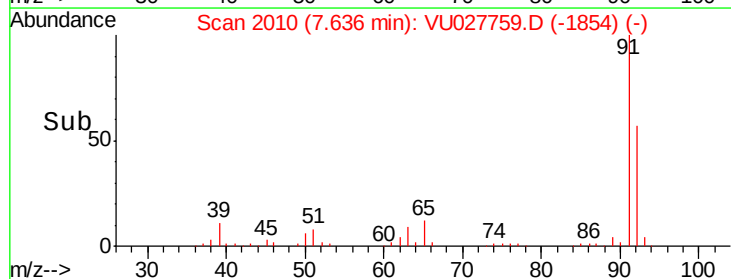
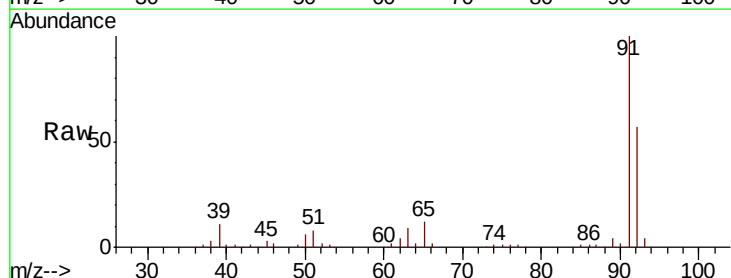
Acq: 23 Oct 2018 11:45

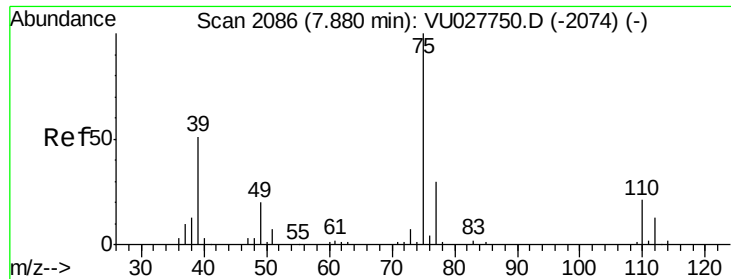
Tgt Ion: 92 Resp: 112204

Ion Ratio Lower Upper

92 100

91 175.9 141.8 212.8

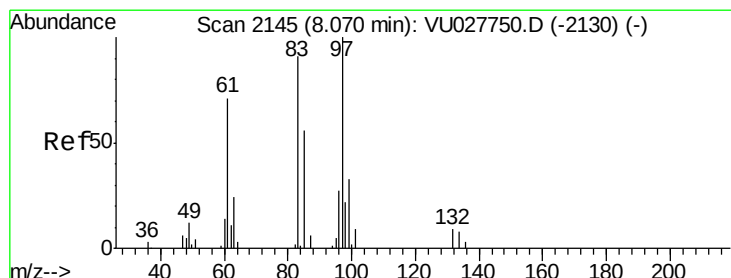
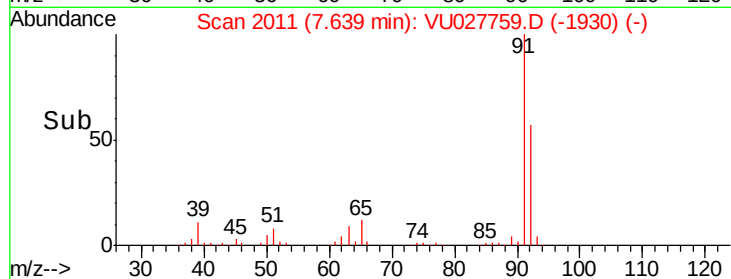
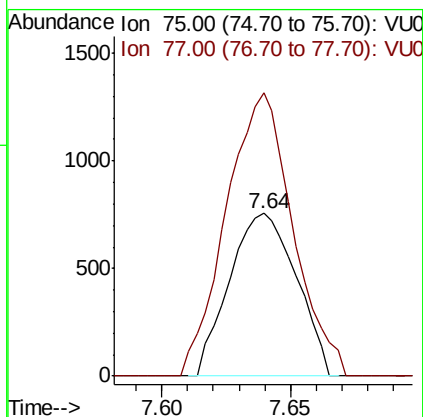
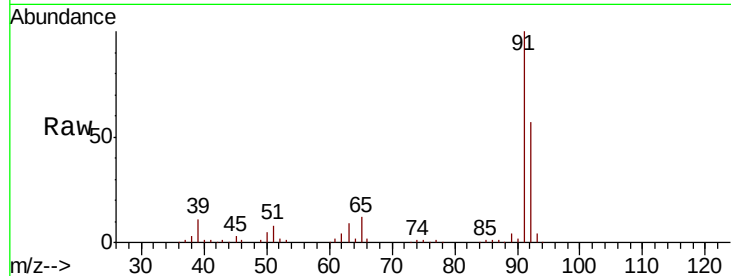




#50
t-1,3-Dichloropropene
Concen: 0.265 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.24 min
Lab File: VU027759.D
Acq: 23 Oct 2018 11:45

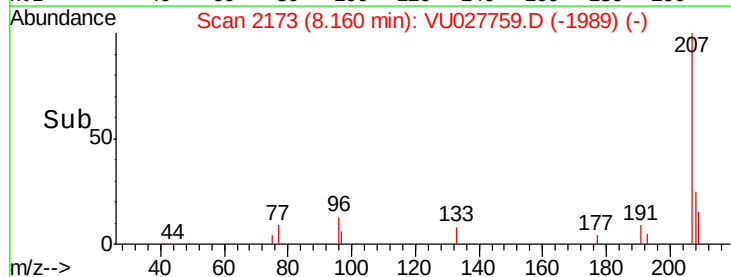
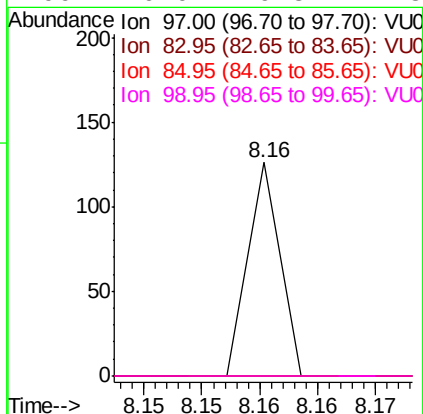
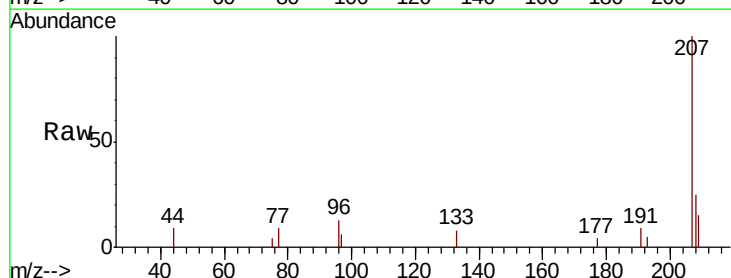
Instrument :
MSVOA_U
ClientSampled :

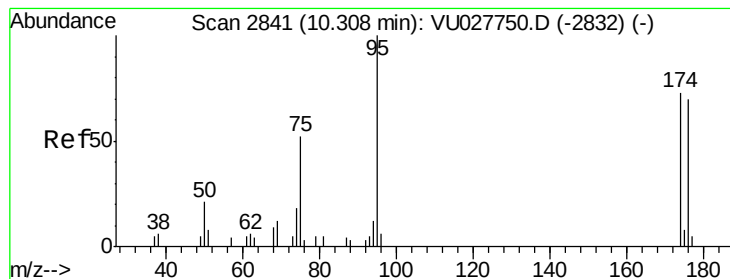
Tot Ion: 75 Resp: 1369
Ion Ratio Lower Upper
75 100
77 158.5 24.1 36.1#



#52
1,1,2-Trichloroethane
Concen: 0.009 ug/l
RT: 8.16 min Scan# 2173
Delta R.T. 0.09 min
Lab File: VU027759.D
Acq: 23 Oct 2018 11:45

Tgt Ion: 97 Resp: 24
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#





#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

ClientSampleId :

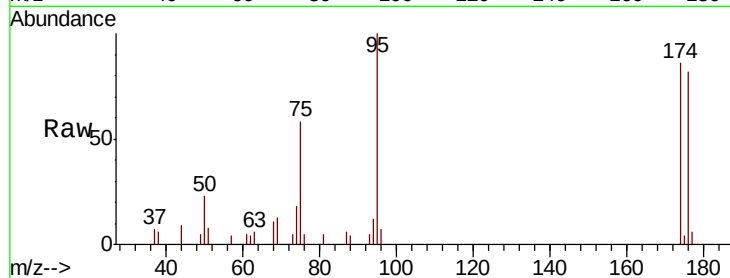
Tot Ion: 95 Resp: 4867

Ion Ratio Lower Upper

95 100

174 81.3 64.5 96.7

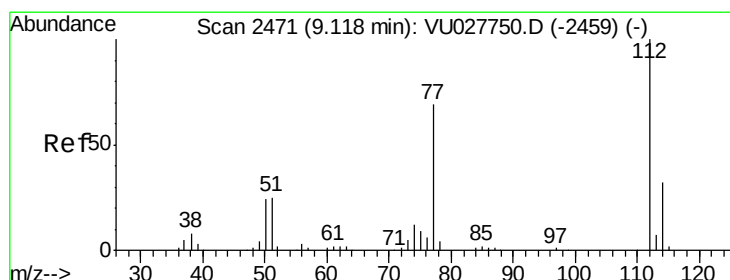
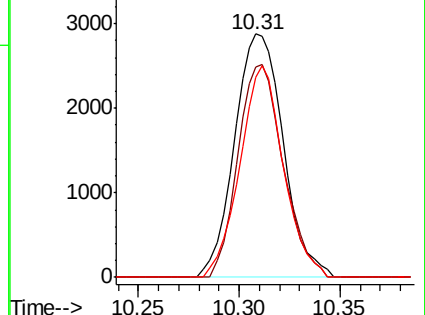
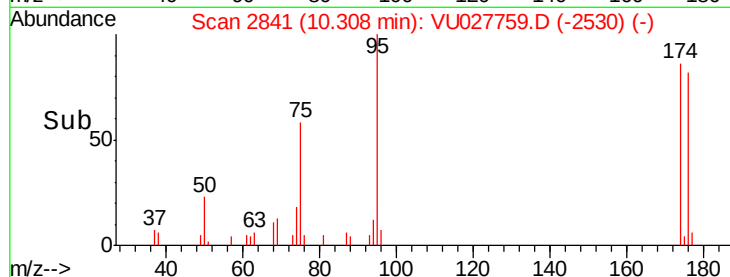
176 77.4 58.3 87.5



Abundance Ion 95.00 (94.70 to 95.70): VU027759.D (-2530) (-)

Ion 174.00 (173.70 to 174.70): VU027759.D (-2530) (-)

Ion 176.00 (175.70 to 176.70): VU027759.D (-2530) (-)



#59

Chlorobenzene

Concen: 12.058 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU027759.D

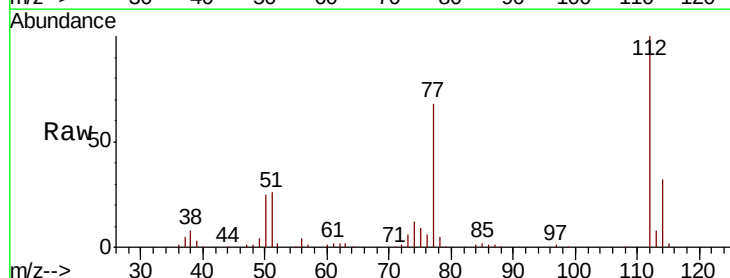
Acq: 23 Oct 2018 11:45

Tgt Ion: 112 Resp: 114665

Ion Ratio Lower Upper

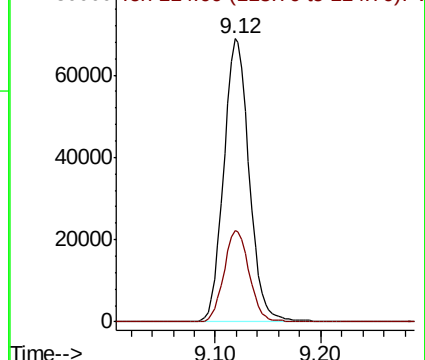
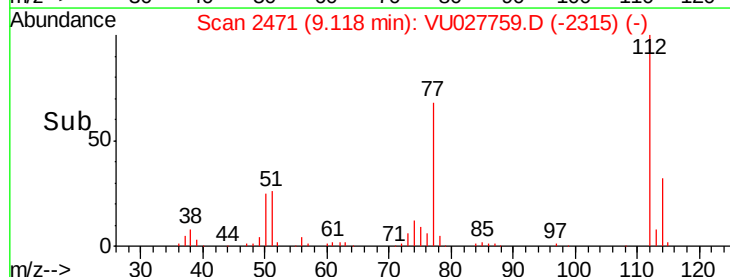
112 100

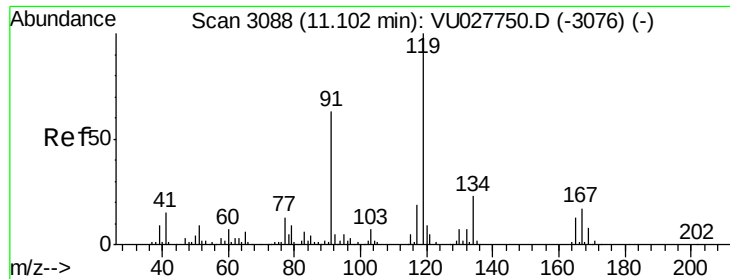
114 32.2 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): VU027759.D (-2315) (-)

Ion 114.00 (113.70 to 114.70): VU027759.D (-2315) (-)





#61

Pentachloroethane

Concen: 2.181 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

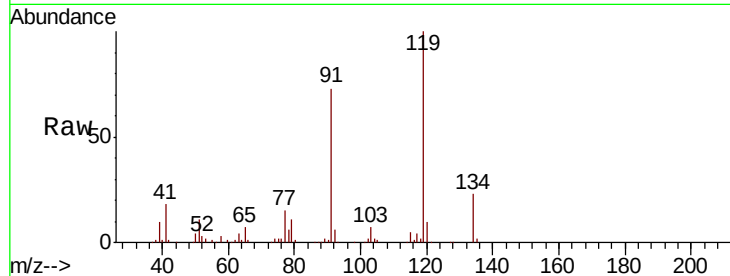
ClientSampled :

Tot Ion:117 Resp: 5624

Ion Ratio Lower Upper

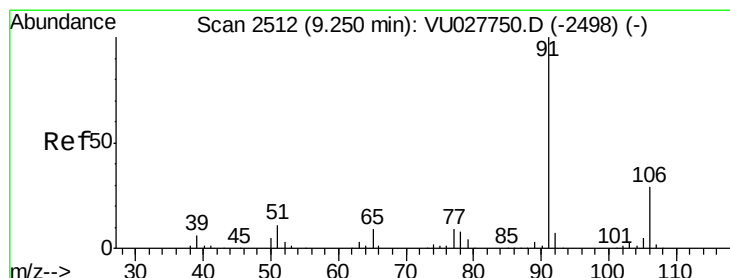
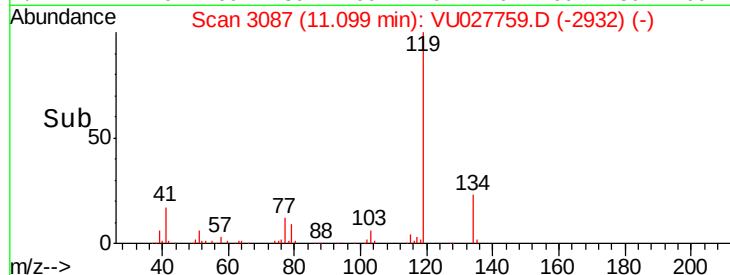
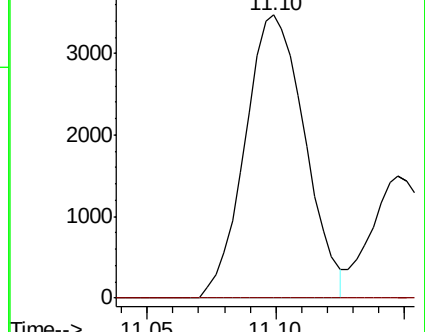
117 100

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: 16.253 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027759.D

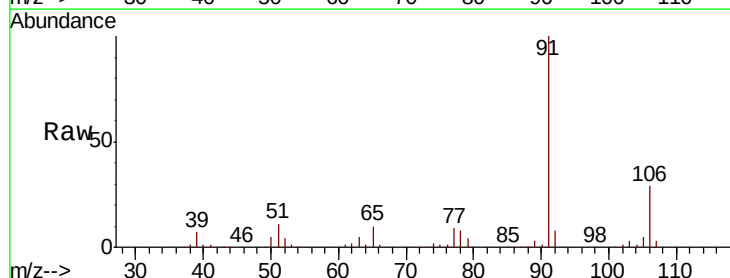
Acq: 23 Oct 2018 11:45

Tgt Ion: 91 Resp: 292743

Ion Ratio Lower Upper

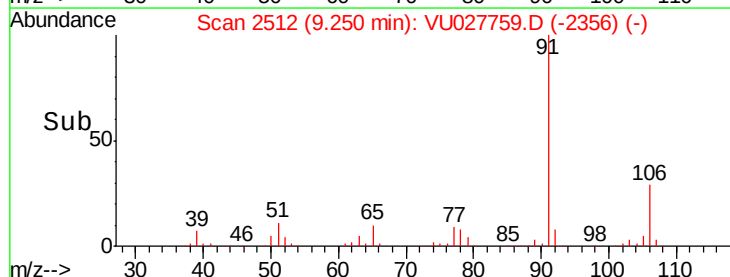
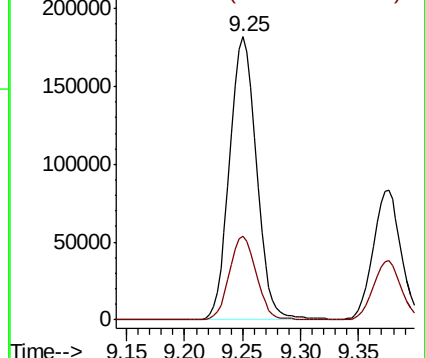
91 100

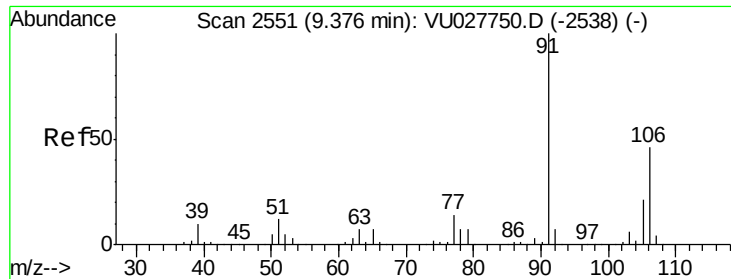
106 29.5 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 10.114 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

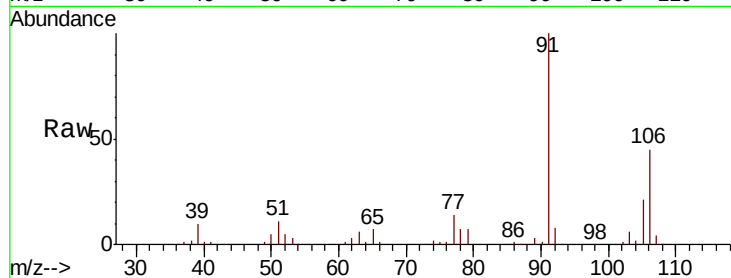
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 65007

Ion Ratio Lower Upper

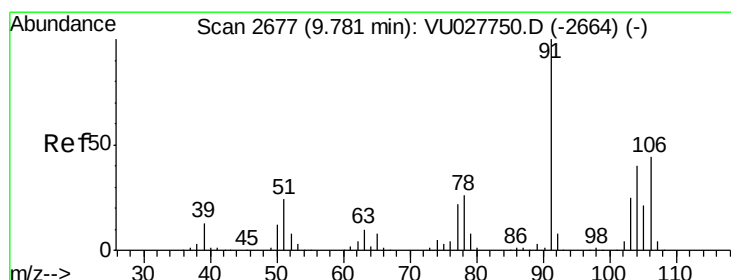
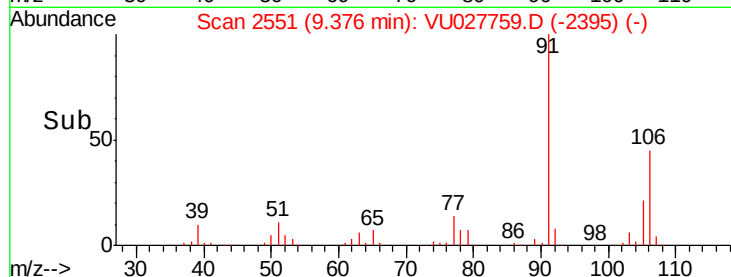
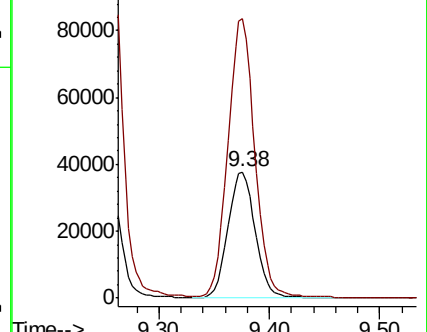
106 100

91 219.0 173.3 259.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 9.826 ug/l

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU027759.D

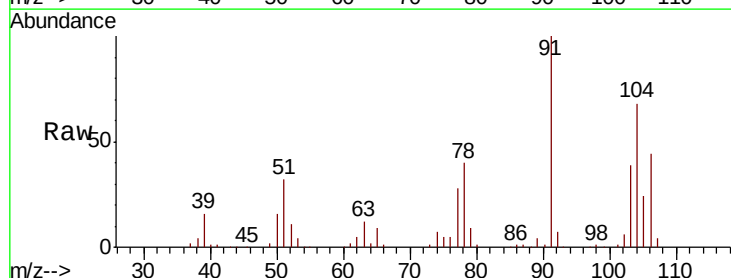
Acq: 23 Oct 2018 11:45

Tgt Ion:106 Resp: 62618

Ion Ratio Lower Upper

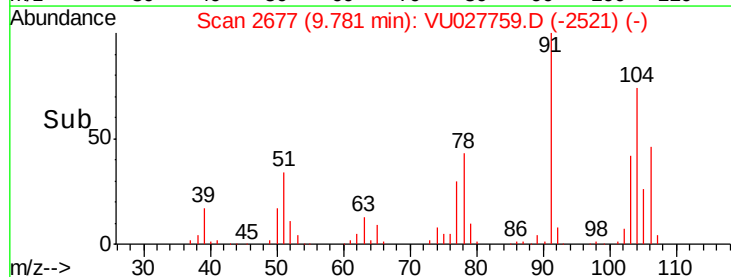
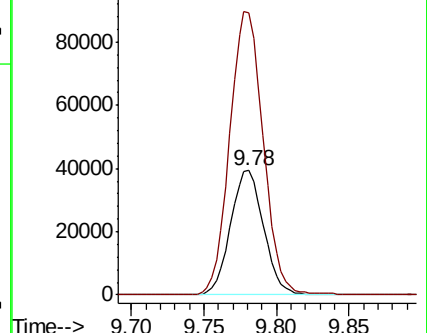
106 100

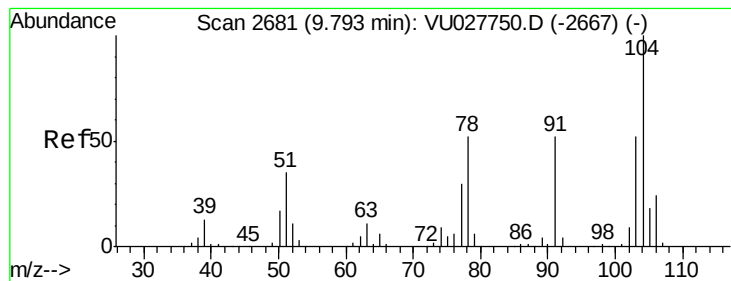
91 229.9 113.4 340.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#66

Stvrene

Concen: 17.011 ug/l

RT: 9.79 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :
MSVOA_U
ClientSampled :

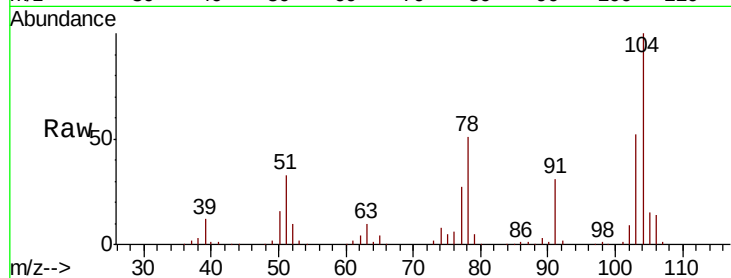
Tot Ion:104 Resp: 178888

Ion Ratio Lower Upper

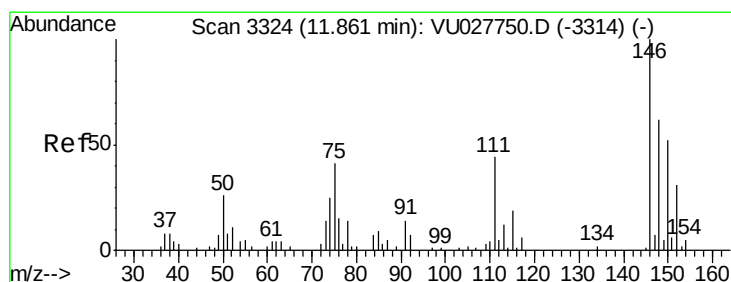
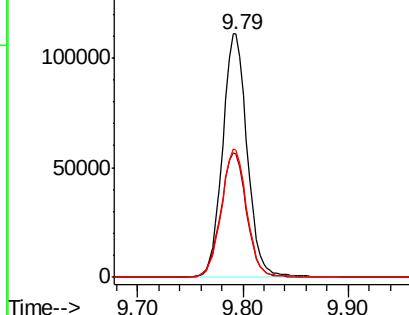
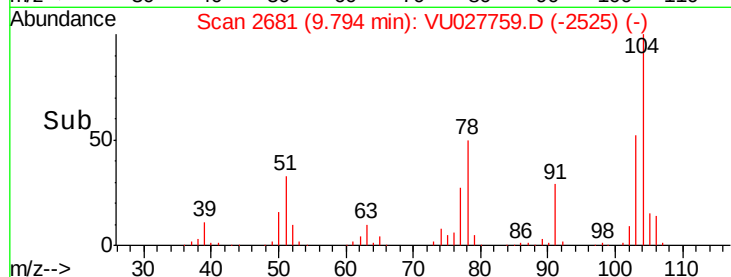
104 100

78 53.6 45.2 67.8

103 54.3 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: VU027759.D

Acq: 23 Oct 2018 11:45

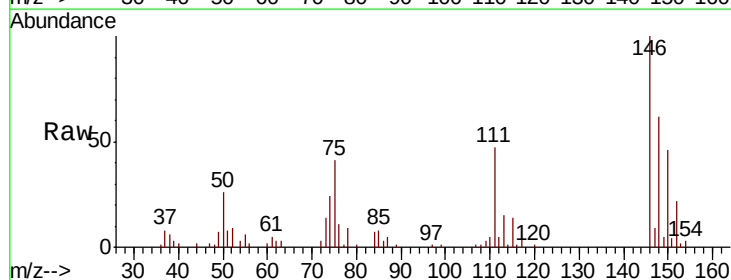
Tgt Ion:152 Resp: 4492

Ion Ratio Lower Upper

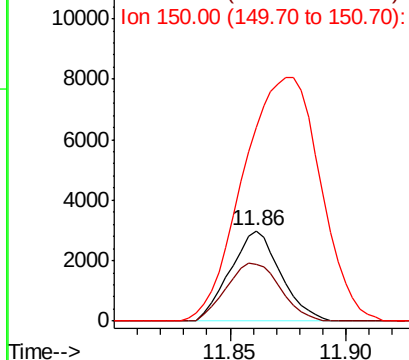
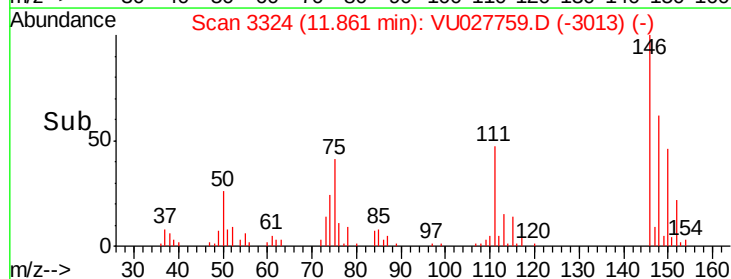
152 100

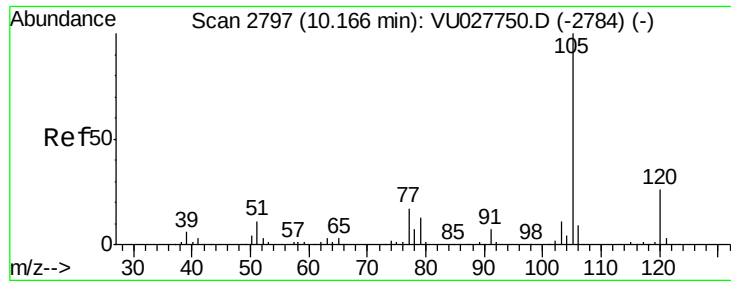
115 68.7 0.0 130.2

150 414.6 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: 6.389 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

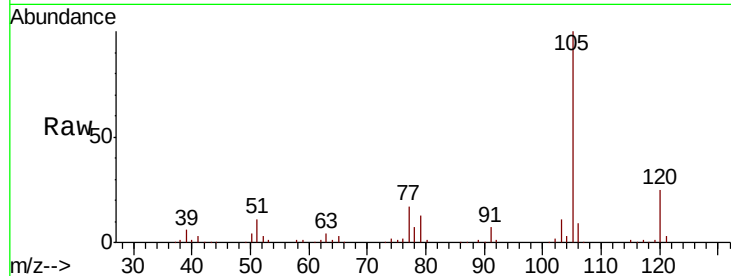
ClientSampleId :

Tot Ion:105 Resp: 111451

Ion Ratio Lower Upper

105 100

120 24.9 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

80000

60000

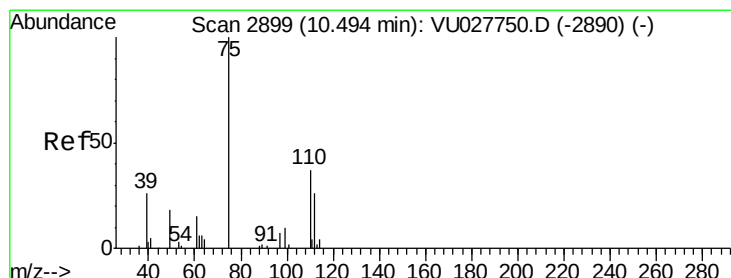
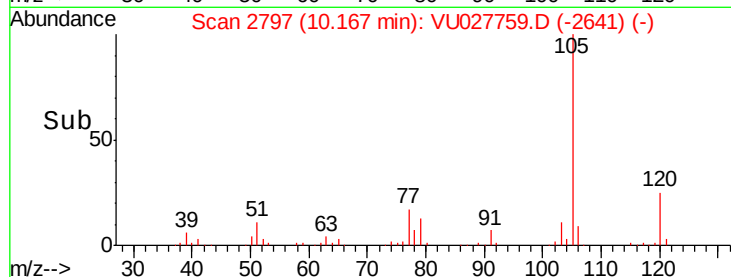
40000

20000

0

Time-->

10.10 10.15 10.20 10.25



#71

1,2,3-Trichloropropane

Concen: 0.719 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.09 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Tgt Ion: 75 Resp: 1915

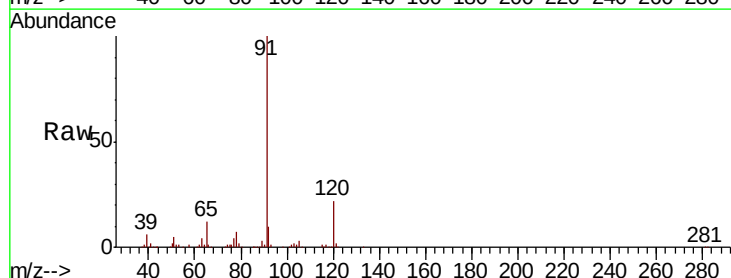
Ion Ratio Lower Upper

75 100

77 644.3 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

12000

10000

8000

6000

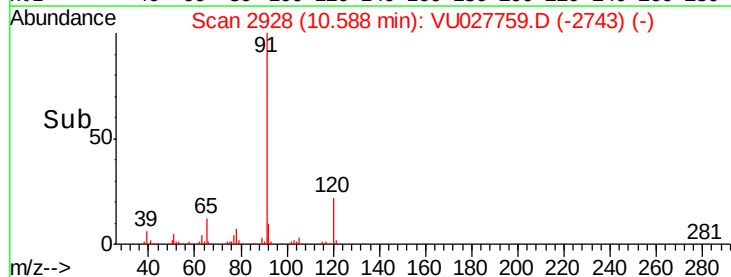
4000

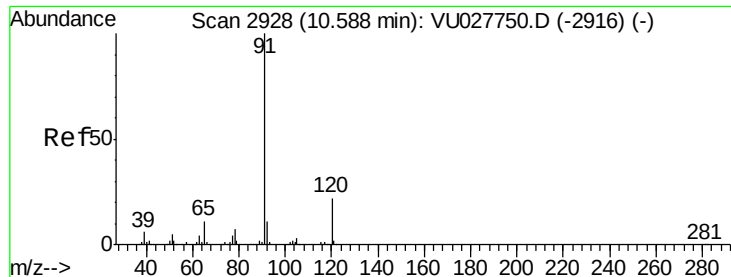
2000

0

Time-->

10.55 10.60





#73

n-propylbenzene

Concen: 13.816 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

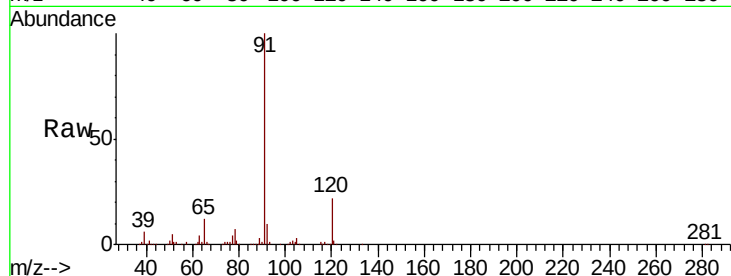
ClientSampleId :

Tot Ion:120 Resp: 62164

Ion Ratio Lower Upper

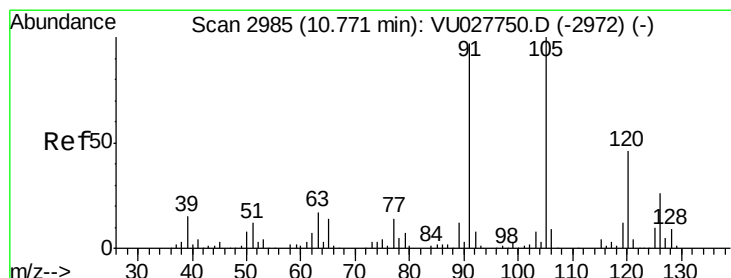
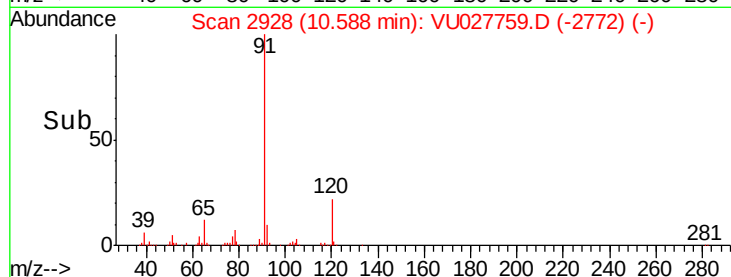
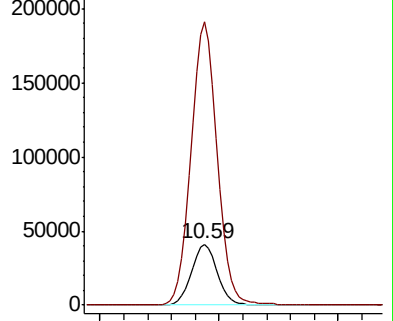
120 100

91 468.2 369.0 553.6



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: 18.029 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027759.D

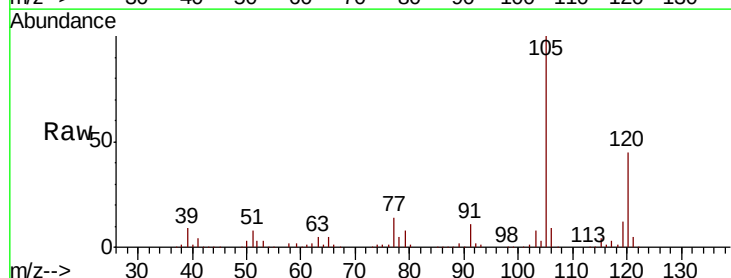
Acq: 23 Oct 2018 11:45

Tgt Ion:105 Resp: 262460

Ion Ratio Lower Upper

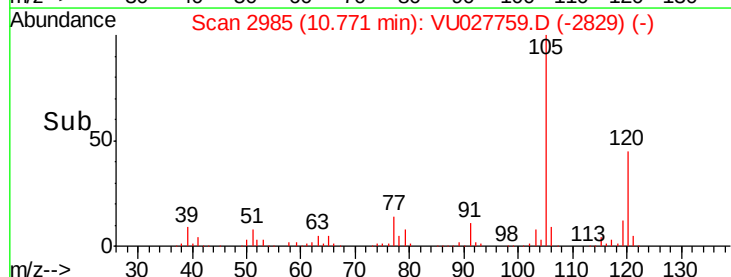
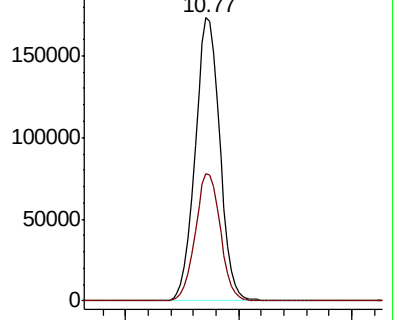
105 100

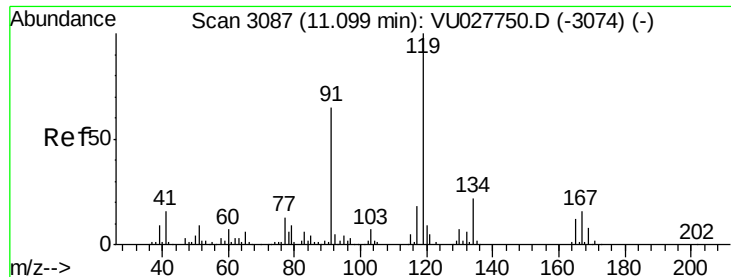
120 46.0 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

tert-Butylbenzene

Concen: 10.616 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

ClientSampleId :

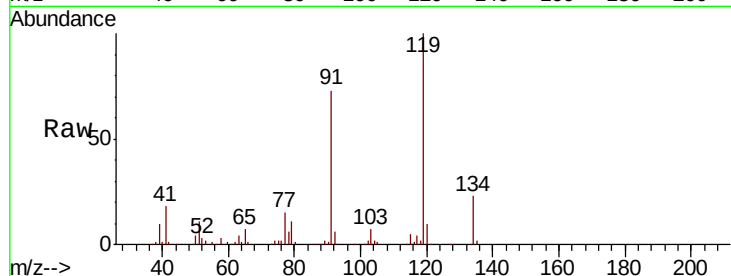
Tot Ion:119 Resp: 152010

Ion Ratio Lower Upper

119 100

91 73.4 31.8 95.4

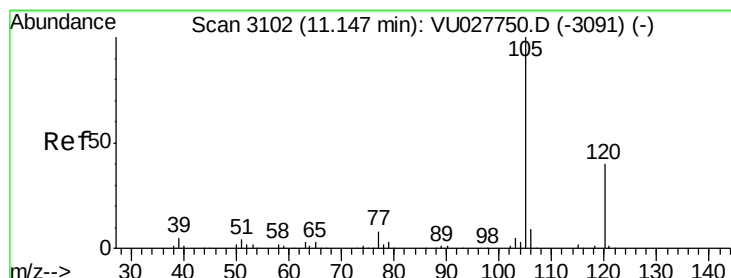
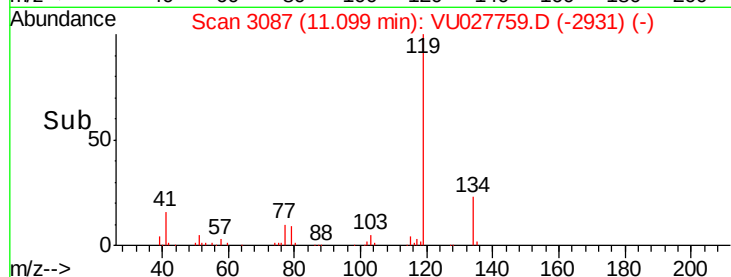
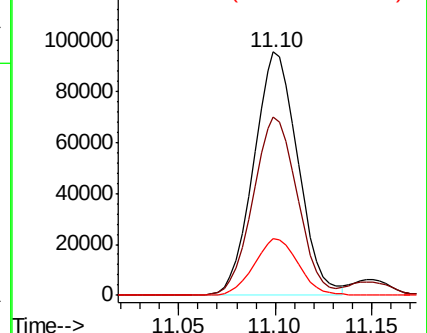
134 23.2 17.7 26.5



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: 4.836 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU027759.D

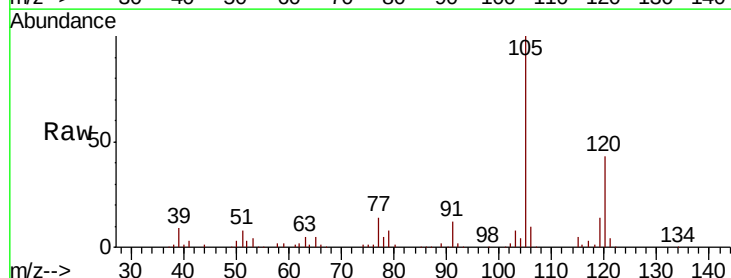
Acq: 23 Oct 2018 11:45

Tgt Ion:105 Resp: 72326

Ion Ratio Lower Upper

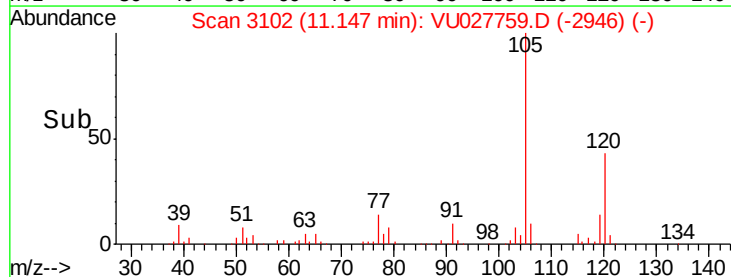
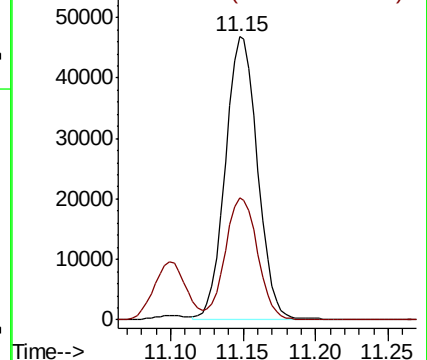
105 100

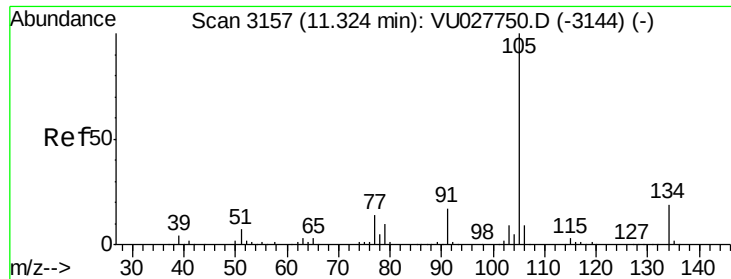
120 43.5 21.6 64.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

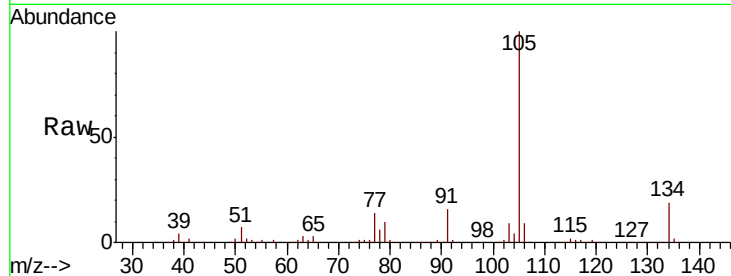




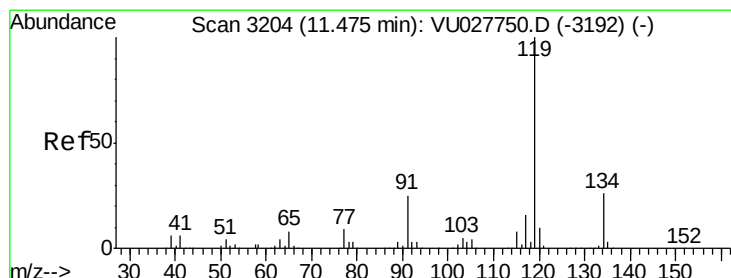
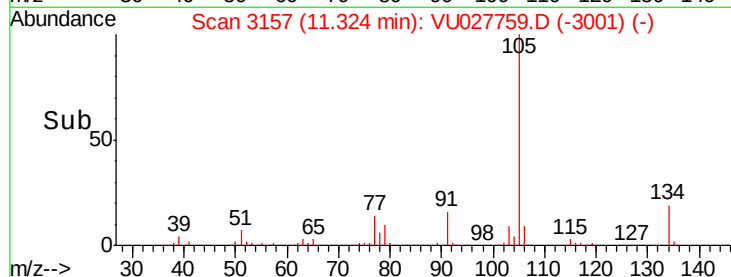
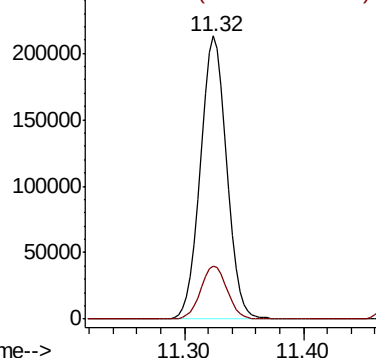
#79
 sec-Butylbenzene
 Concen: 17.174 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:105 Resp: 325631
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.2 22.8

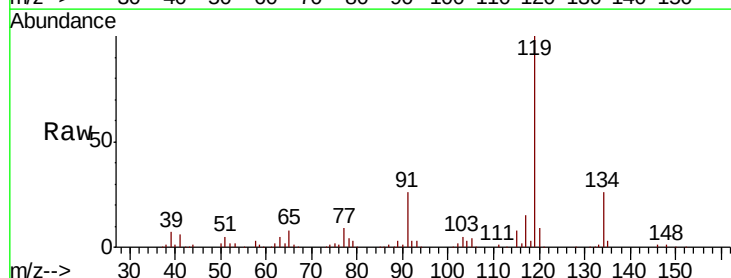


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

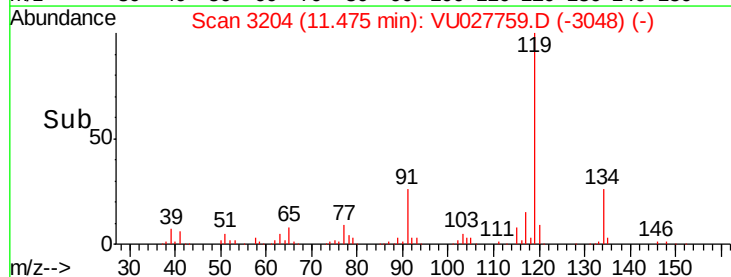
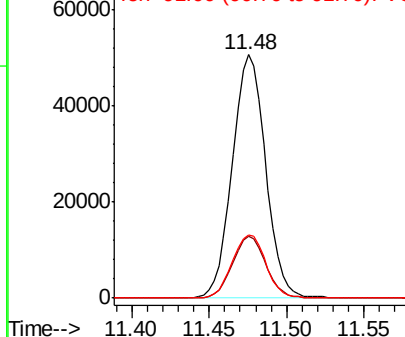


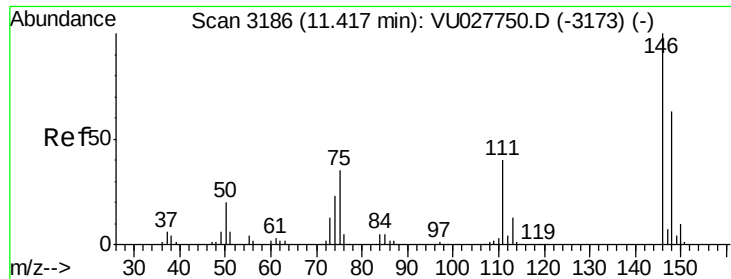
#81
 p-Isopropyltoluene
 Concen: 4.869 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

Tgt Ion:119 Resp: 75453
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.3 30.5
 91 26.3 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





#82

1,3-Dichlorobenzene

Concen: 17.162 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

Instrument :

MSVOA_U

ClientSampled :

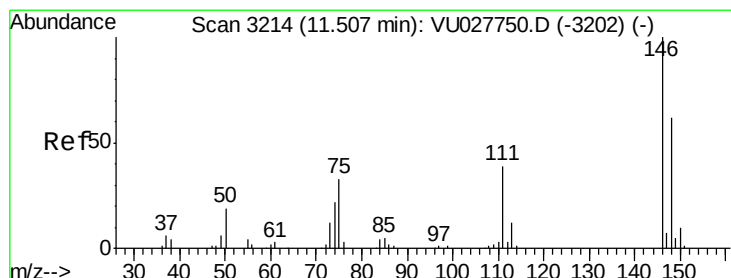
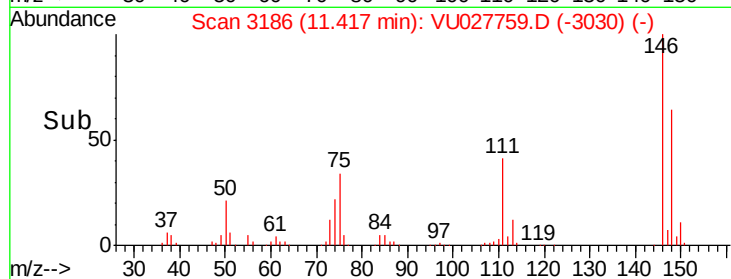
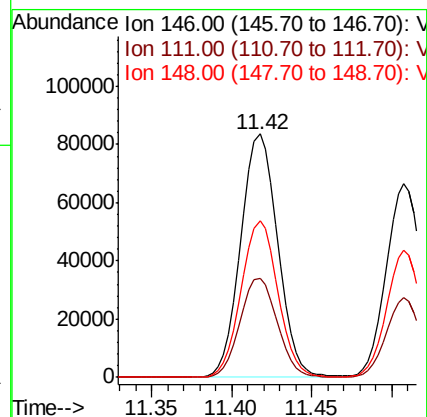
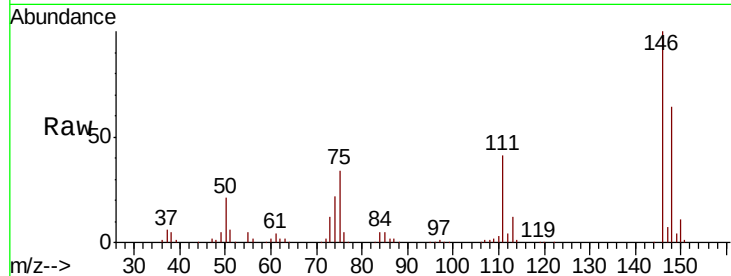
Tot Ion:146 Resp: 132008

Ion Ratio Lower Upper

146 100

111 41.0 32.7 49.1

148 63.7 50.6 75.8



#83

1,4-Dichlorobenzene

Concen: 13.599 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027759.D

Acq: 23 Oct 2018 11:45

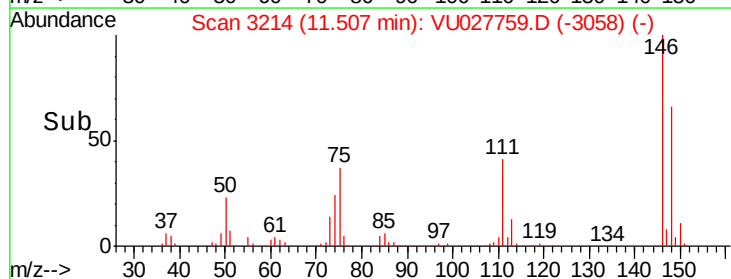
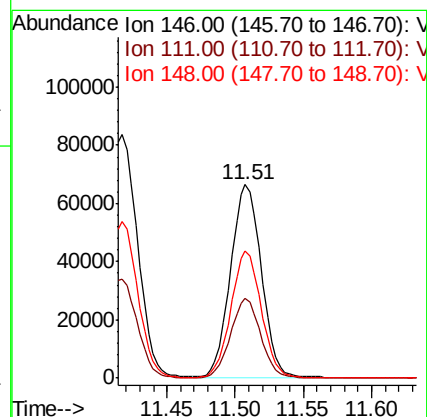
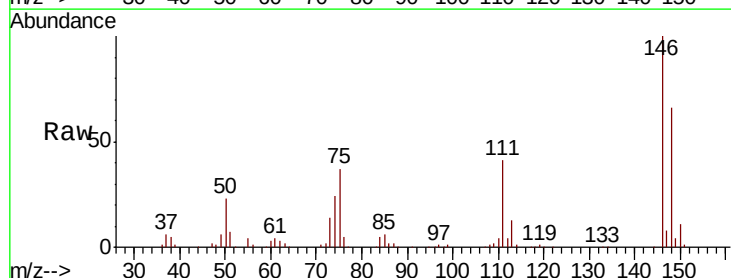
Tgt Ion:146 Resp: 104808

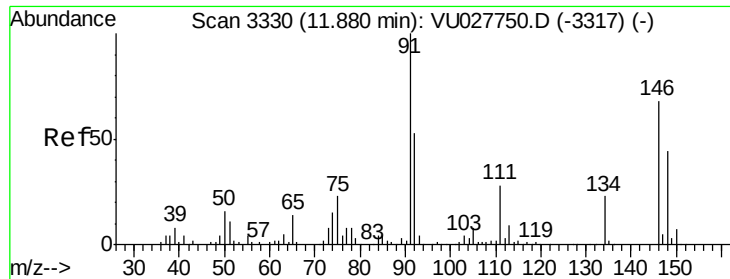
Ion Ratio Lower Upper

146 100

111 40.2 32.0 48.0

148 64.7 50.9 76.3

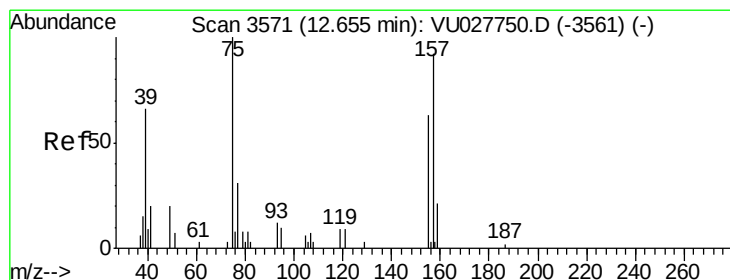
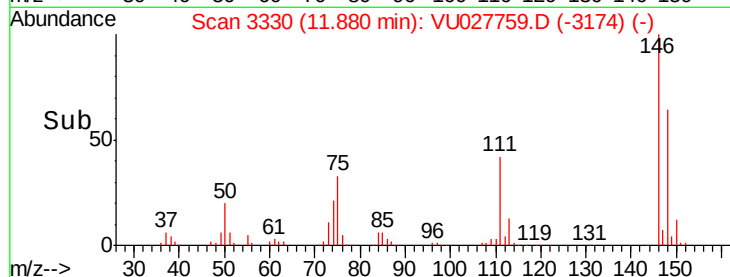
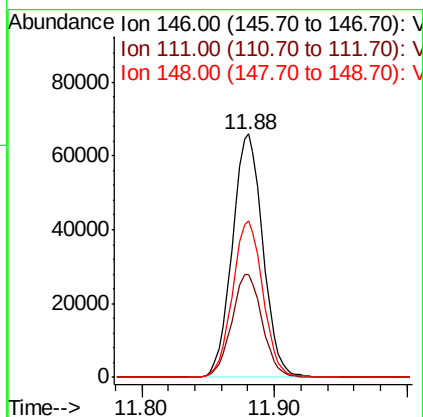
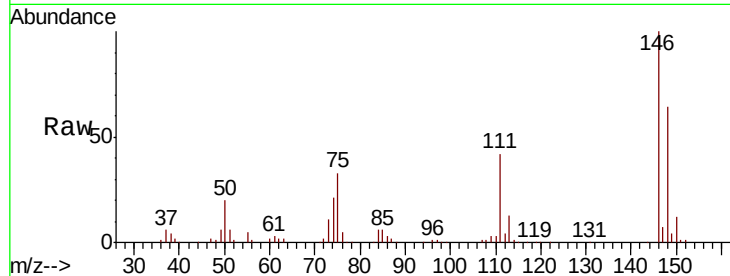




#85
 1,2-Dichlorobenzene
 Concen: 14.423 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

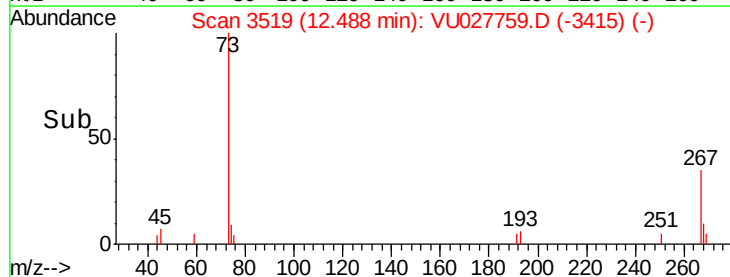
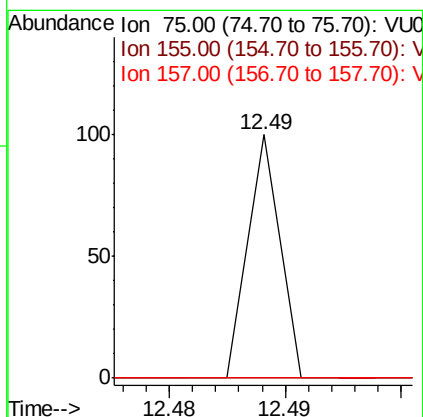
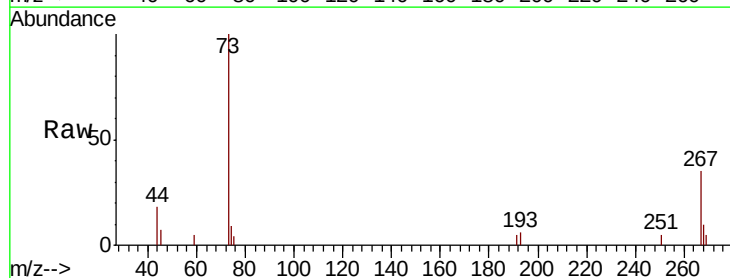
Instrument :
 MSVOA_U
 ClientSampleId :

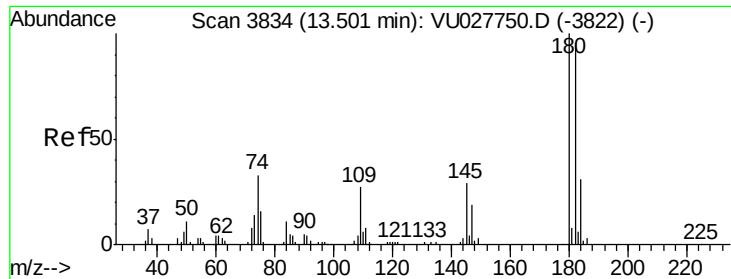
Tot Ion:146 Resp: 105853
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.2 63.6
 148 63.8 32.2 96.6



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.030 ug/l
 RT: 12.49 min Scan# 3519
 Delta R.T. -0.17 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.5 83.3#
 157 0.0 71.0 106.4#

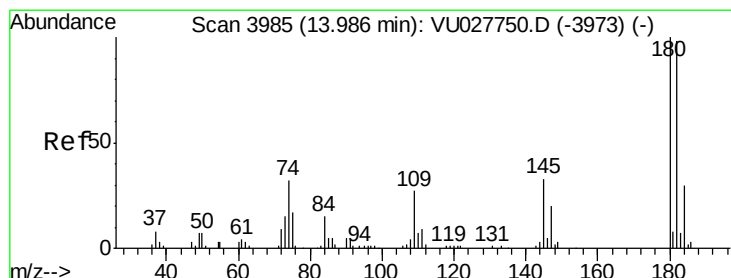
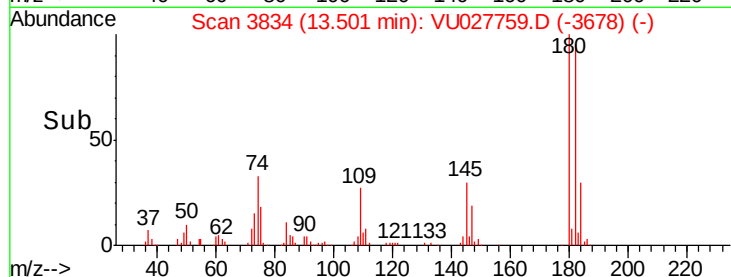
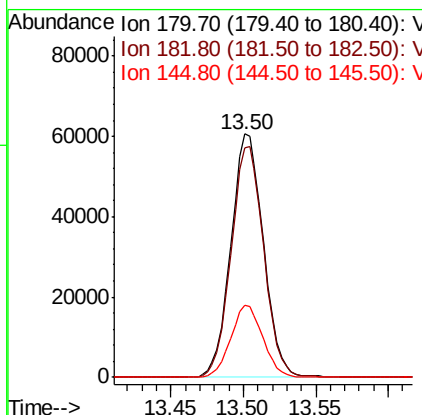
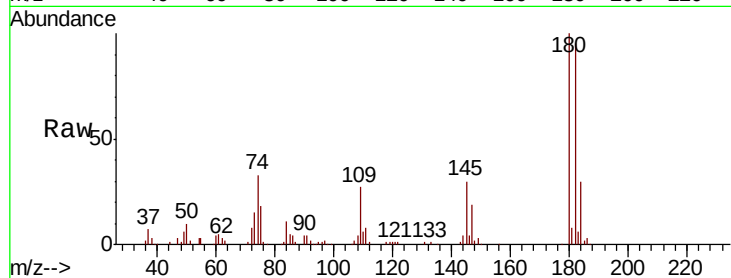




#87
 1,2,4-Trichlorobenzene
 Concen: 17.631 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 94026
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.9 113.9
 145 29.3 23.6 35.4



#90
 1,2,3-Trichlorobenzene
 Concen: 15.700 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU027759.D
 Acq: 23 Oct 2018 11:45

Tgt Ion:180 Resp: 79673
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.0 115.6
 145 31.2 25.4 38.2

