

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
 Data File : VU026210.D
 Acq On : 20 Aug 2018 15:58
 Operator : MD/SY
 Sample : J4045-09DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 07:41:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

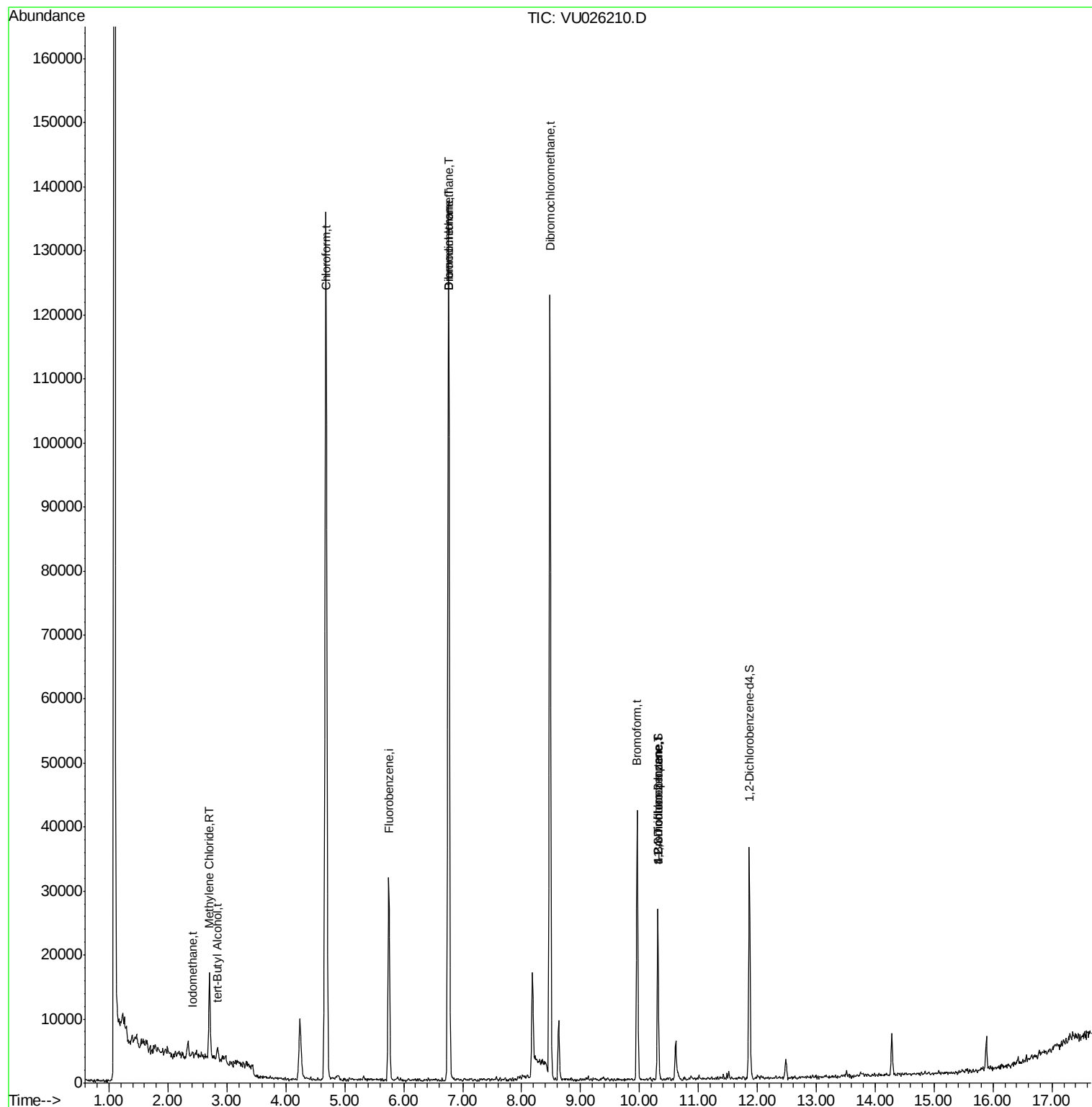
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	29952	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	8988	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	10897	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
Target Compounds					Ovalue	
10) Iodomethane	2.41	142	326	0.264	ug/l #	33
13) Acetone	2.32	43	1221	Below Cal		88
15) Methylene Chloride	2.70	84	5641	0.349	ug/l	94
24) tert-Butyl Alcohol	2.84	59	534	0.980	ug/l #	87
27) Chloroform	4.68	83	126763	7.444	ug/l	96
43) Dibromomethane	6.77	93	2948	0.621	ug/l #	2
44) Bromodichloromethane	6.76	83	88538	7.222	ug/l	99
46) t-1,4-Dichloro-2-butene	10.31	75	4109	2.140	ug/l #	13
55) Dibromochloromethane	8.48	129	62652	7.277	ug/l	98
67) Bromoform	9.96	173	20396	4.021	ug/l #	96
71) 1,2,3-Trichloropropane	10.31	75	4109	0.710	ug/l #	44
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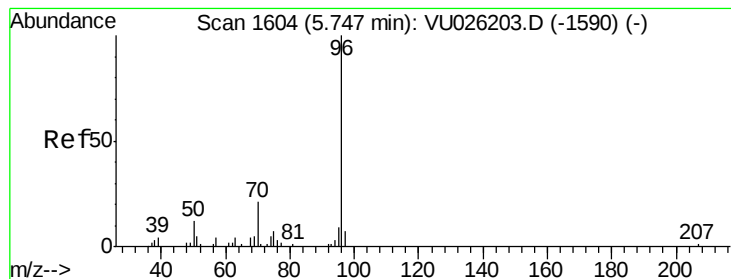
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU026210.D

Acq: 20 Aug 2018 15:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 29952

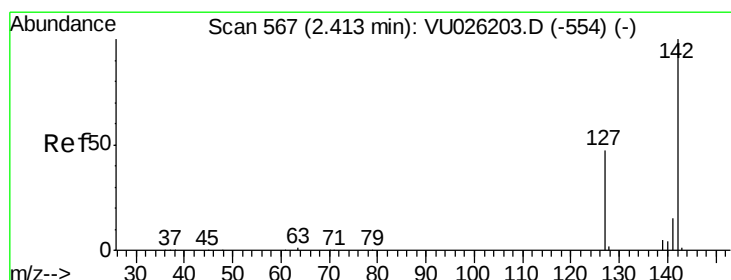
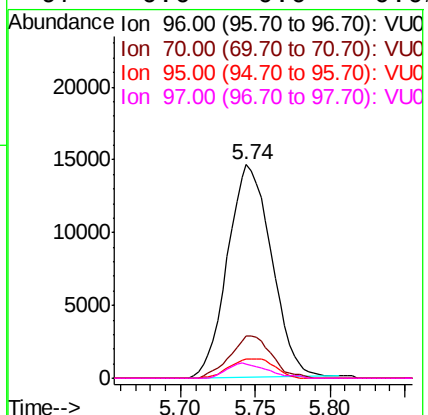
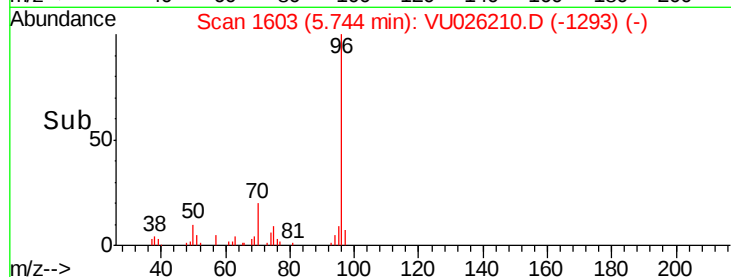
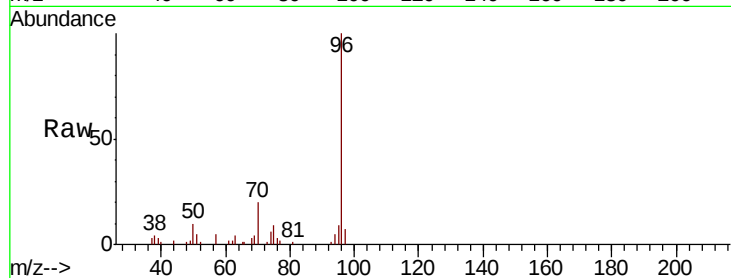
Ion Ratio Lower Upper

96 100

70 18.7 16.2 24.4

95 9.4 6.9 10.3

97 6.6 0.0 0.0#



#10

Iodomethane

Concen: 0.264 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU026210.D

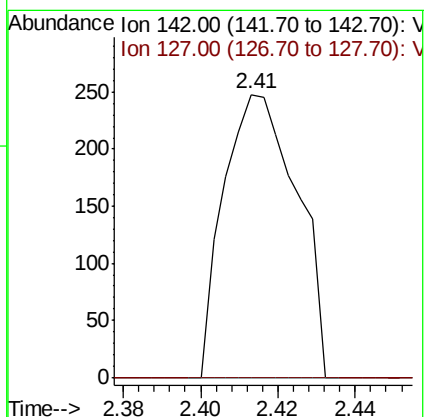
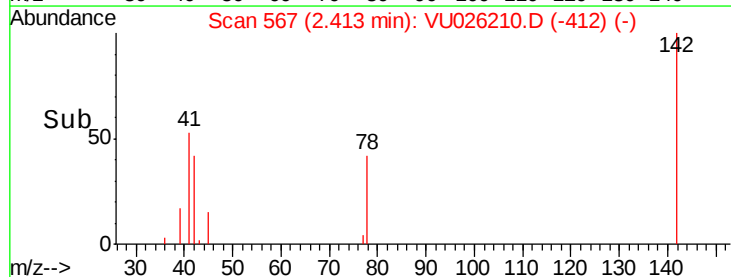
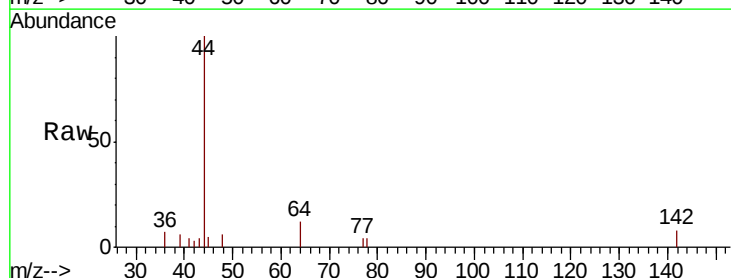
Acq: 20 Aug 2018 15:58

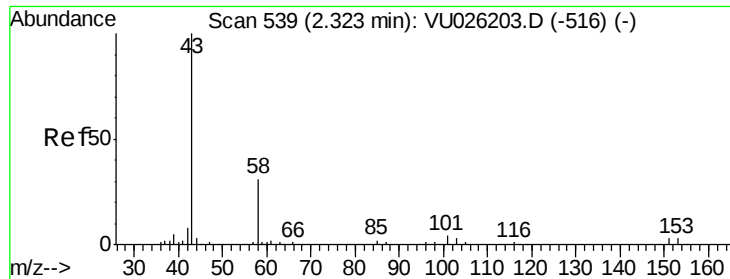
Tgt Ion: 142 Resp: 326

Ion Ratio Lower Upper

142 100

127 0.0 34.5 51.7#





#13

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026210.D

Acq: 20 Aug 2018 15:58

Instrument :

MSVOA_U

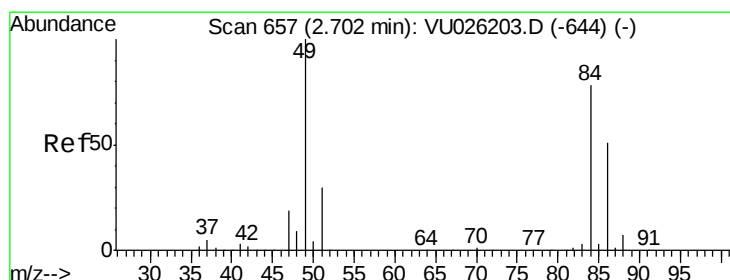
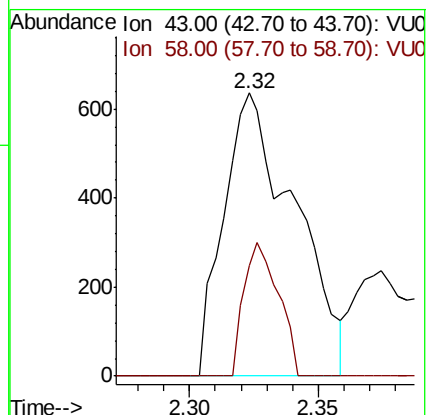
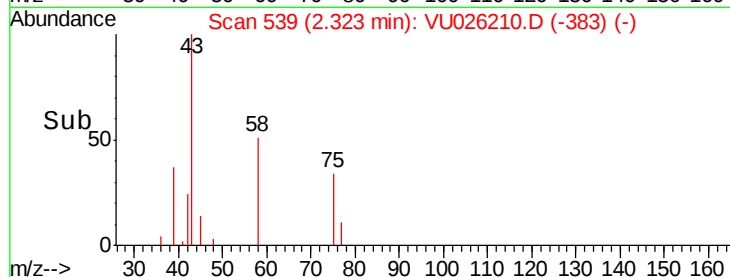
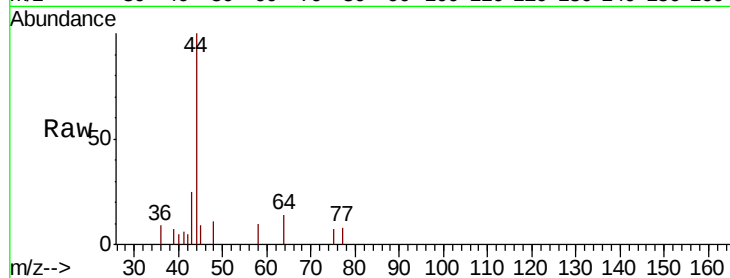
ClientSampled :

Tot Ion: 43 Resp: 1221

Ion Ratio Lower Upper

43 100

58 39.0 26.0 39.0



#15

Methylene Chloride

Concen: 0.349 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU026210.D

Acq: 20 Aug 2018 15:58

Tgt Ion: 84 Resp: 5641

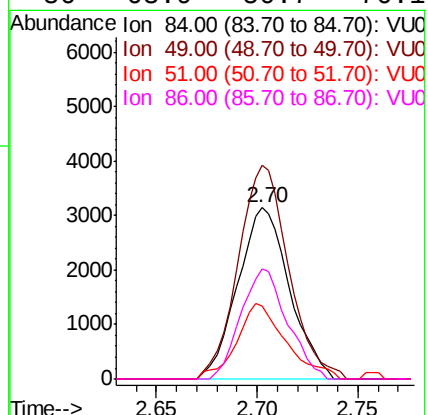
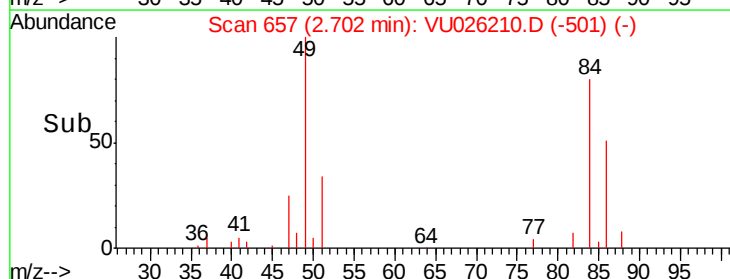
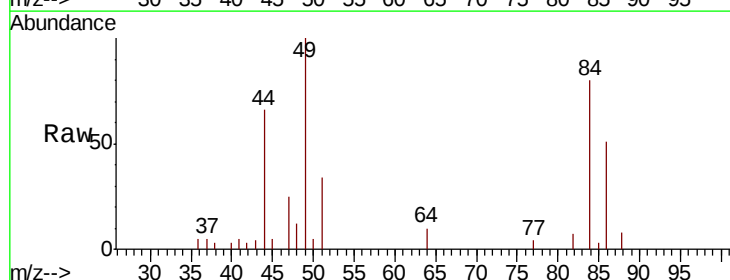
Ion Ratio Lower Upper

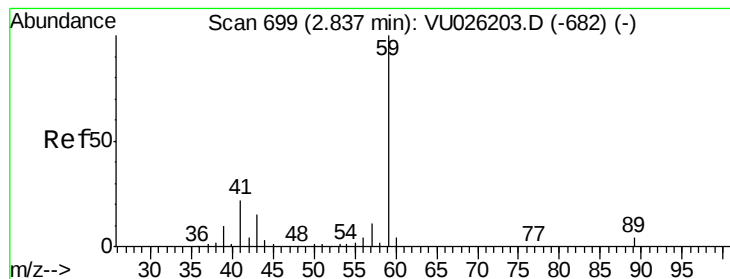
84 100

49 124.6 108.7 163.1

51 42.3 0.0 82.4

86 63.9 50.7 76.1





#24

tert-Butyl Alcohol

Concen: 0.980 ug/l

RT: 2.84 min Scan# 700

Delta R.T. 0.00 min

Lab File: VU026210.D

Acq: 20 Aug 2018 15:58

Instrument :

MSVOA_U

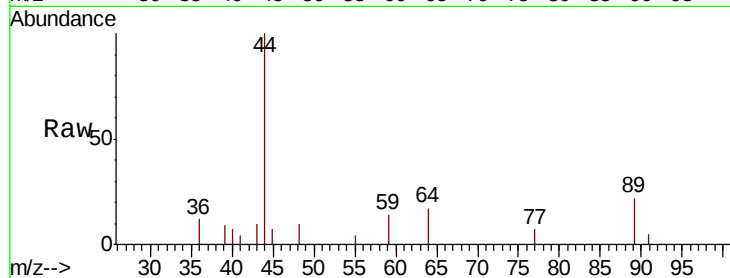
ClientSampleId :

Tot Ion: 59 Resp: 534

Ion Ratio Lower Upper

59 100

57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU026210.D (-544) (-)

Ion 57.00 (56.70 to 57.70): VU026210.D (-544) (-)

2.84

300

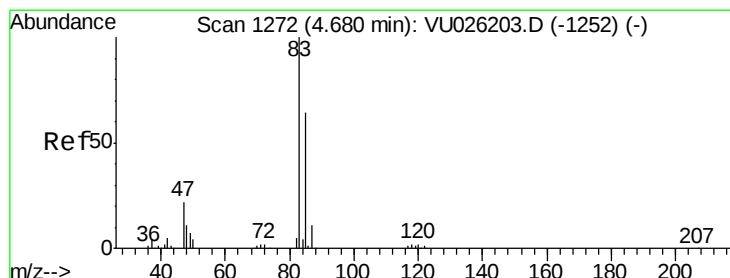
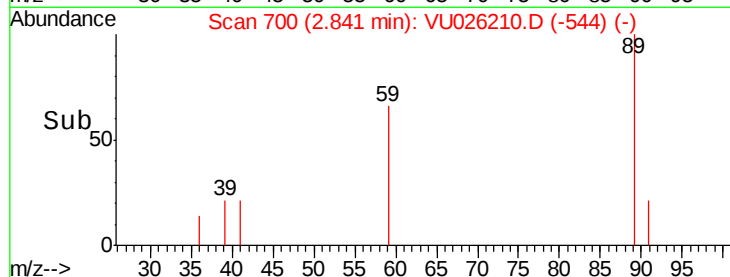
200

100

0

2.82 2.84 2.86 2.88

Time-->



#27

Chloroform

Concen: 7.444 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU026210.D

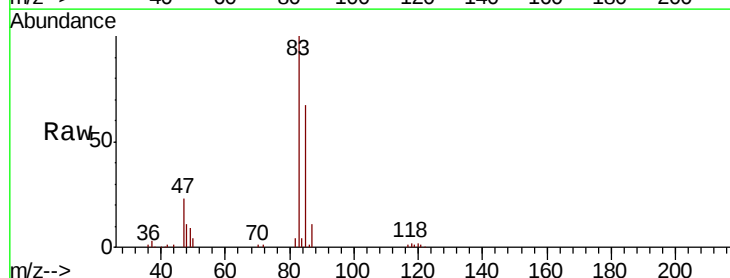
Acq: 20 Aug 2018 15:58

Tgt Ion: 83 Resp: 126763

Ion Ratio Lower Upper

83 100

85 67.2 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU026210.D (-1117) (-)

Ion 85.00 (84.70 to 85.70): VU026210.D (-1117) (-)

4.68

60000

50000

40000

30000

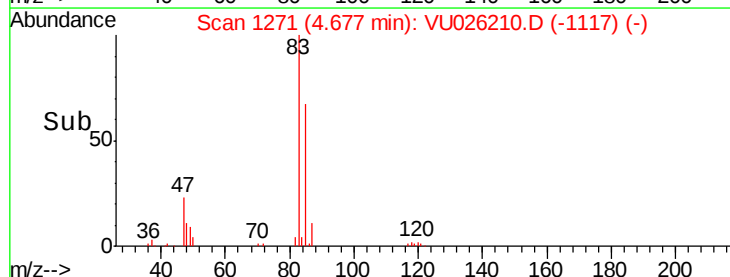
20000

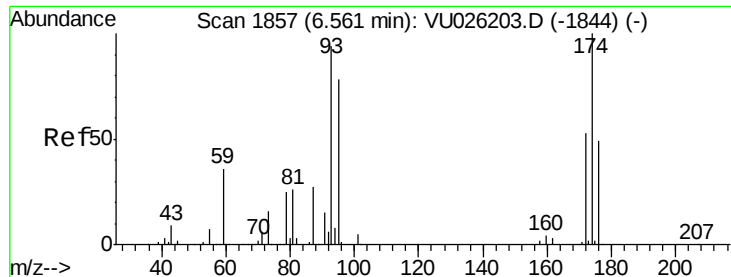
10000

0

4.60 4.68 4.70 4.80

Time-->

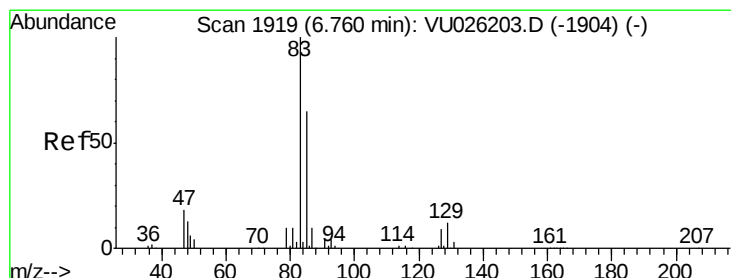
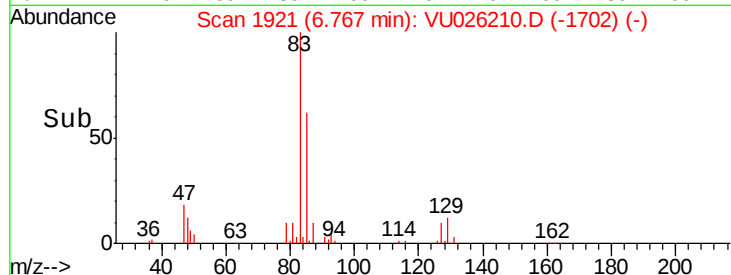
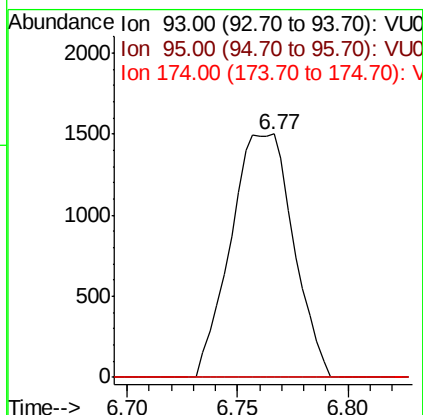
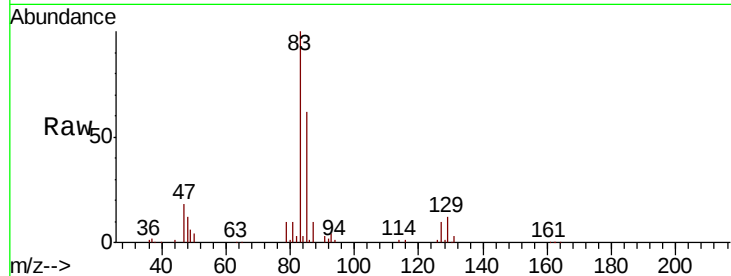




#43
Dibromomethane
Concen: 0.621 ug/l
RT: 6.77 min Scan# 1921
Delta R.T. 0.21 min
Lab File: VU026210.D
Acq: 20 Aug 2018 15:58

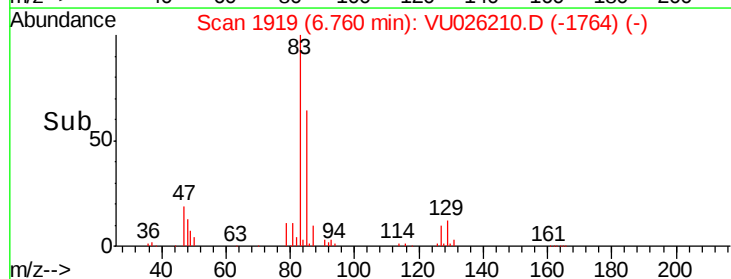
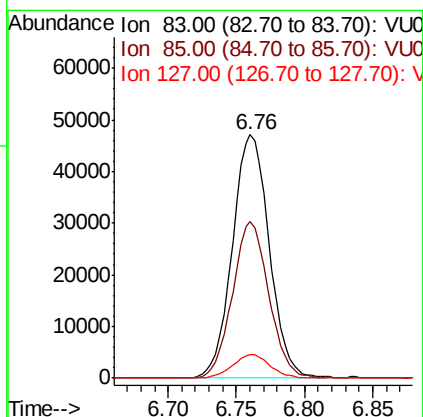
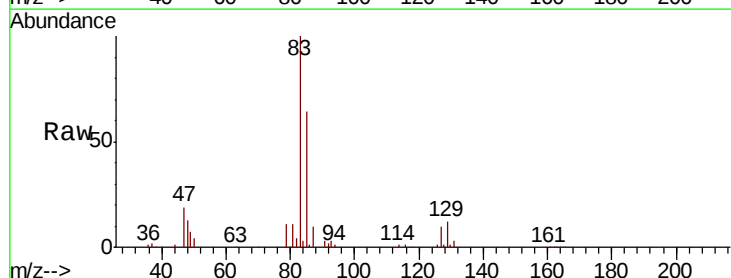
Instrument :
MSVOA_U
ClientSampleId :

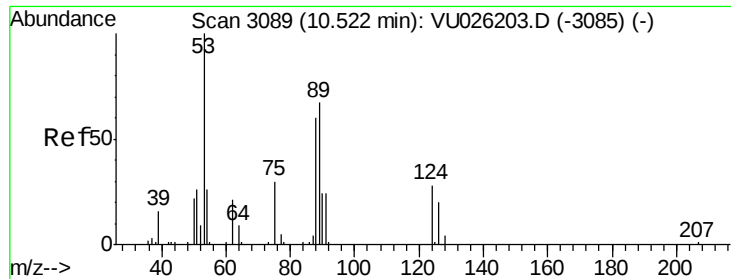
Tot Ion: 93 Resp: 2948
Ion Ratio Lower Upper
93 100
95 0.0 67.2 100.8#
174 0.0 82.8 124.2#



#44
Bromodichloromethane
Concen: 7.222 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VU026210.D
Acq: 20 Aug 2018 15:58

Tgt Ion: 83 Resp: 88538
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 9.8 7.0 10.4

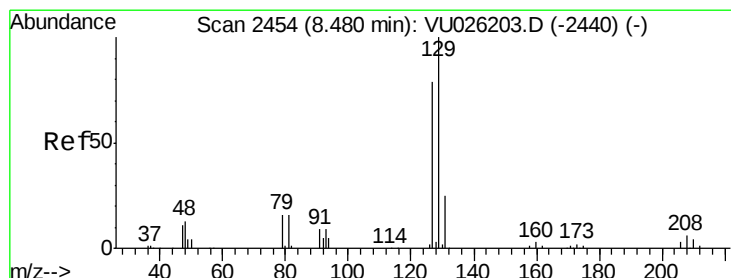
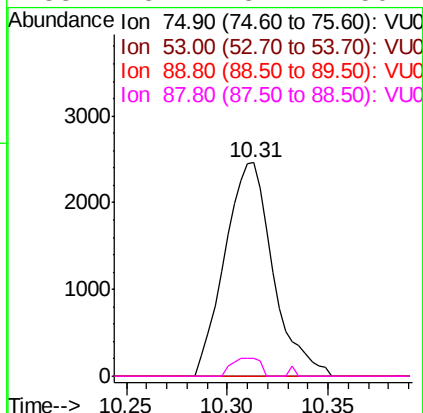
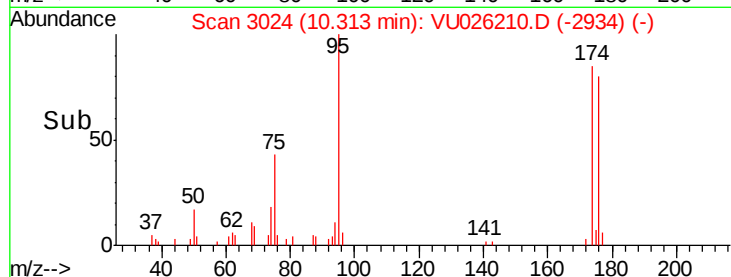
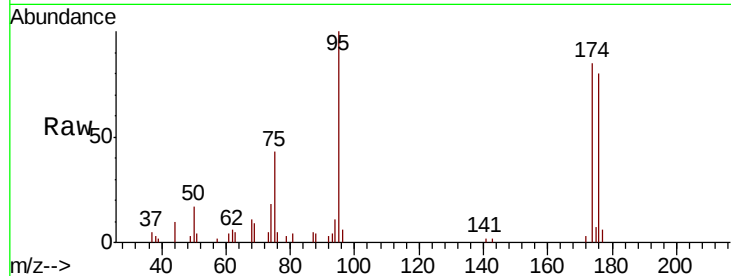




#46
t-1,4-Dichloro-2-butene
Concen: 2.140 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. -0.21 min
Lab File: VU026210.D
Acq: 20 Aug 2018 15:58

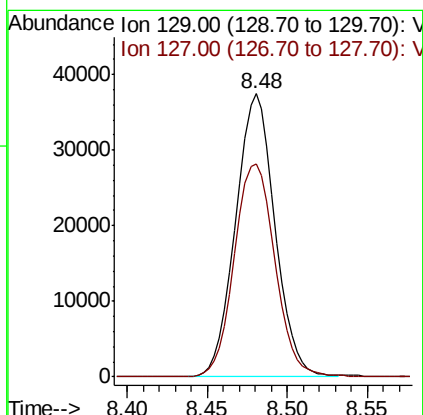
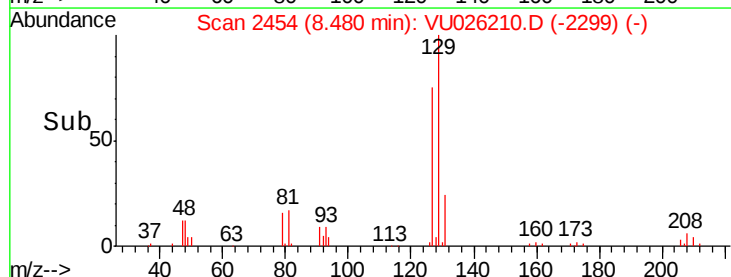
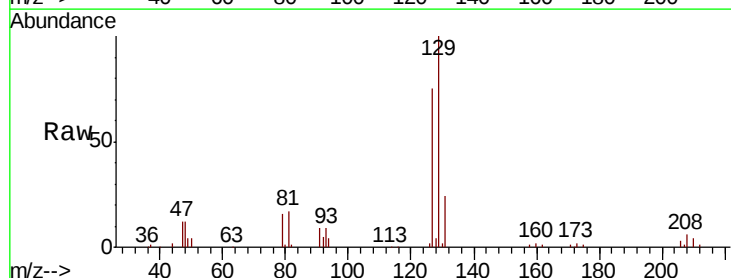
Instrument :
MSVOA_U
ClientSampleId :

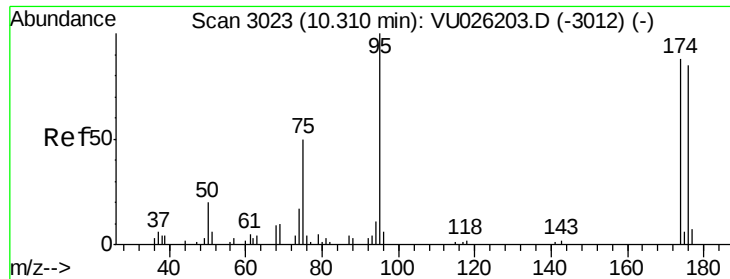
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	82.2	123.4#
89	0.0	51.3	76.9#
88	5.1	37.4	56.2#



#55
Dibromochloromethane
Concen: 7.277 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU026210.D
Acq: 20 Aug 2018 15:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	61.1	91.7

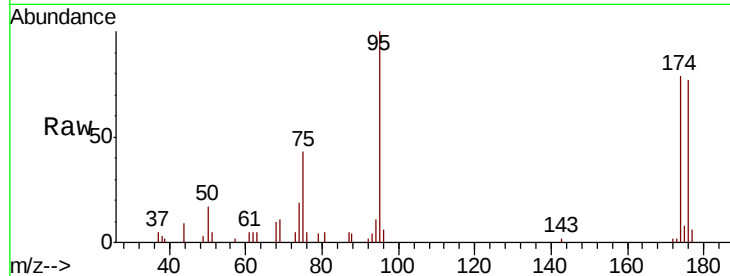




#57
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU026210.D
 Acq: 20 Aug 2018 15:58

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	95	Resp	8988
Ion Ratio	100	Lower	Upper
174	87.1	65.6	98.4
176	83.1	62.0	93.0

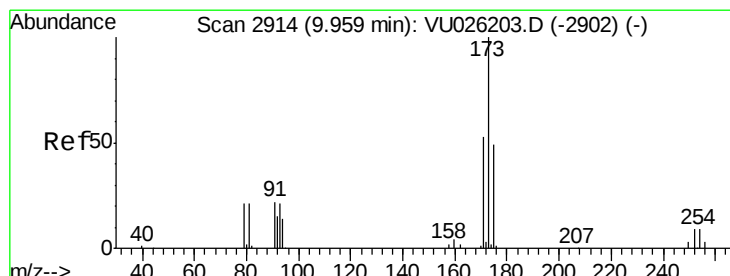
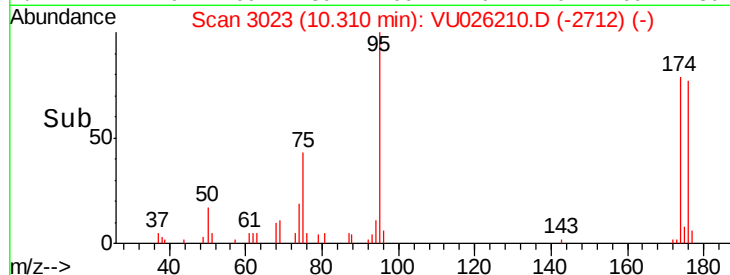
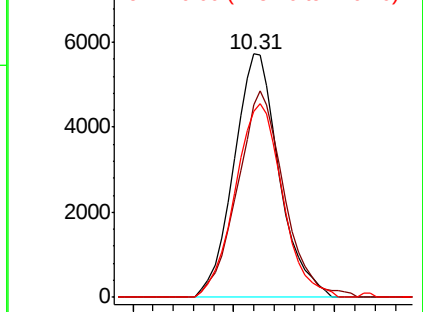


Abundance

Ion 95.00 (94.70 to 95.70): VU026210.D (-2712) (-)

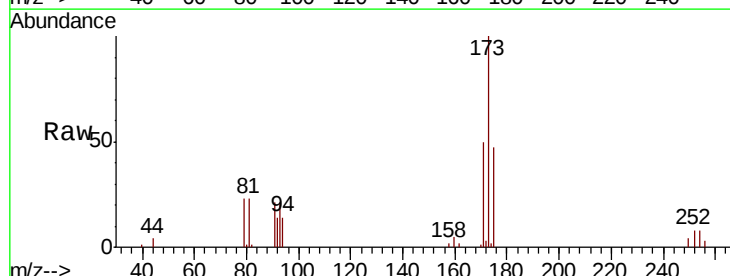
Ion 174.00 (173.70 to 174.70): VU026210.D (-2712) (-)

Ion 176.00 (175.70 to 176.70): VU026210.D (-2712) (-)



#67
 Bromoform
 Concen: 4.021 ug/l
 RT: 9.96 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: VU026210.D
 Acq: 20 Aug 2018 15:58

Tgt Ion	173	Resp	20396
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
175	46.5	38.6	57.8
254	7.8	8.8	13.2#

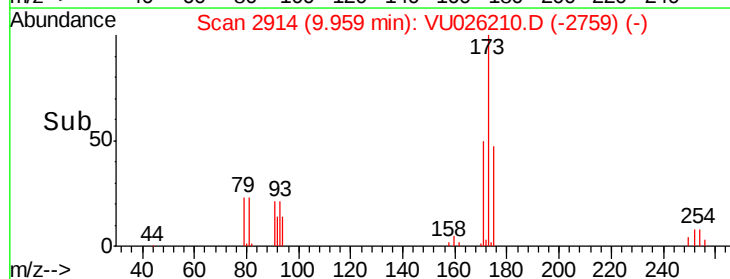
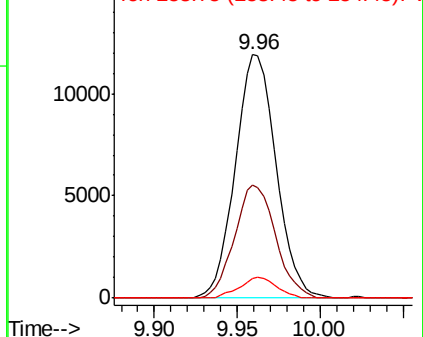


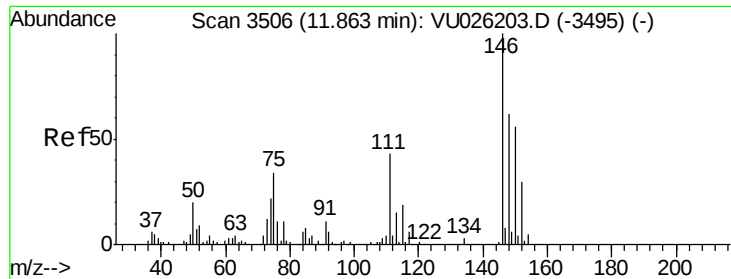
Abundance

Ion 172.90 (172.60 to 173.60): VU026210.D (-2759) (-)

Ion 174.90 (174.60 to 175.60): VU026210.D (-2759) (-)

Ion 253.75 (253.45 to 254.45): VU026210.D (-2759) (-)





#68

1,2-Dichlorobenzene-d4

Concen: 4.021 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VU026210.D

Acq: 20 Aug 2018 15:58

Instrument :

MSVOA_U

ClientSampled :

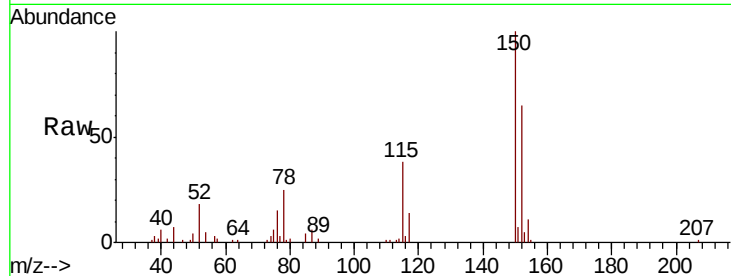
Tot Ion:152 Resp: 10897

Ion Ratio Lower Upper

152 100

115 57.2 0.0 118.8

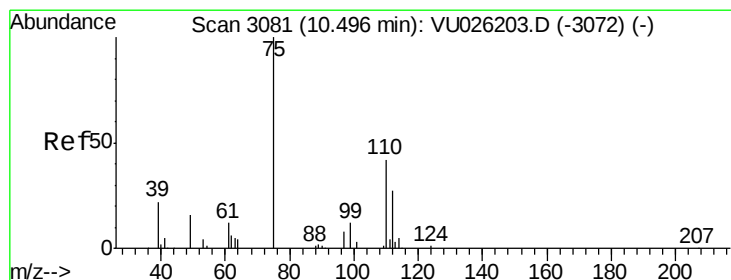
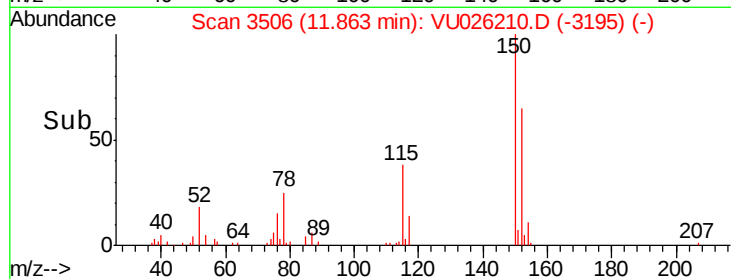
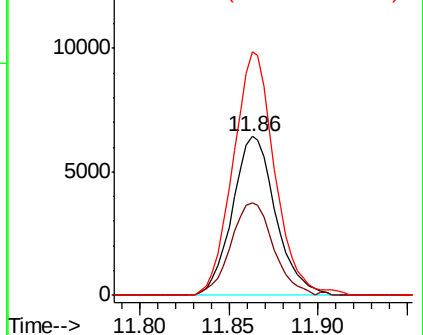
150 147.8 0.0 0.0#



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#71

1,2,3-Trichloropropane

Concen: 0.710 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.18 min

Lab File: VU026210.D

Acq: 20 Aug 2018 15:58

Tgt Ion: 75 Resp: 4109

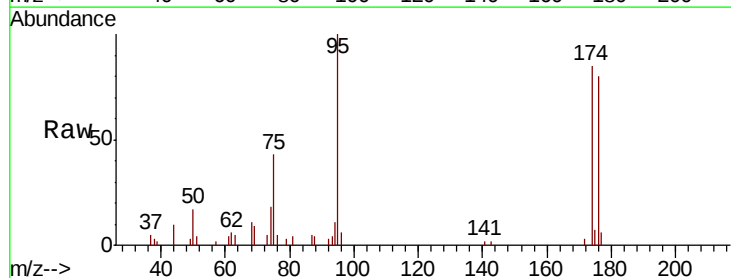
Ion Ratio Lower Upper

75 100

77 2.8 0.0 0.0#

110 0.0 0.0 74.0

97 0.0 0.0 39.6



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

