

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028042.D
 Acq On : 09 Nov 2018 14:14
 Operator : MD/SY
 Sample : J5885-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-2

Quant Time: Nov 12 11:37:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

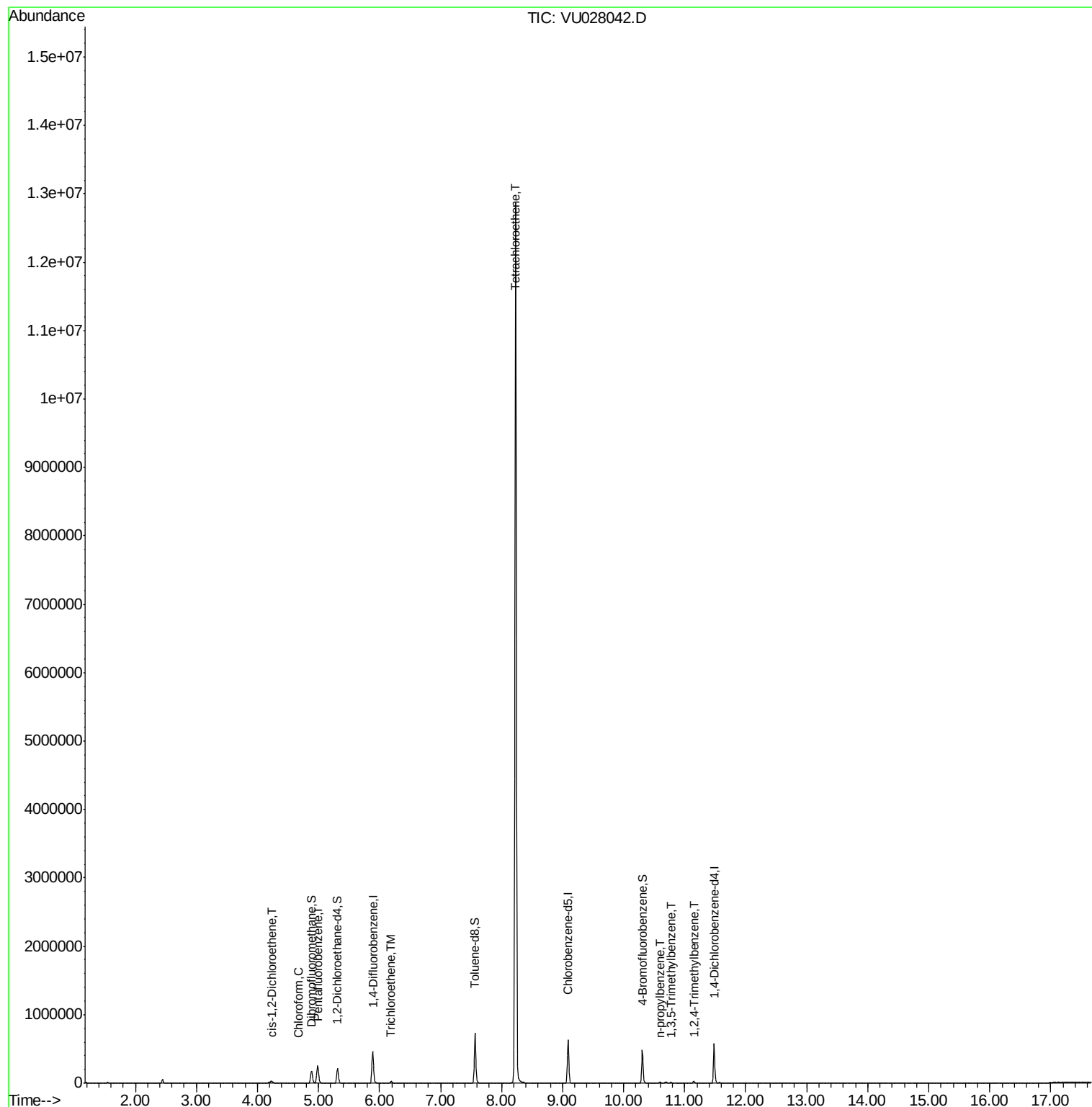
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	374302	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	334233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	143950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	162985	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
35) Dibromofluoromethane	4.89	113	120960	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	7.57	98	485466	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
62) 4-Bromofluorobenzene	10.31	95	160194	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	12917	4.939	ug/l	94
30) Chloroform	4.68	83	4893	1.051	ug/l	94
44) Trichloroethene	6.19	130	7982	3.098	ug/l	92
64) Tetrachloroethene	8.23	164	2748720	1268.294	ug/l	99
78) n-propylbenzene	10.59	91	5388	0.404	ug/l	93
80) 1,3,5-Trimethylbenzene	10.77	105	5809	0.629	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	14041	1.509	ug/l	98

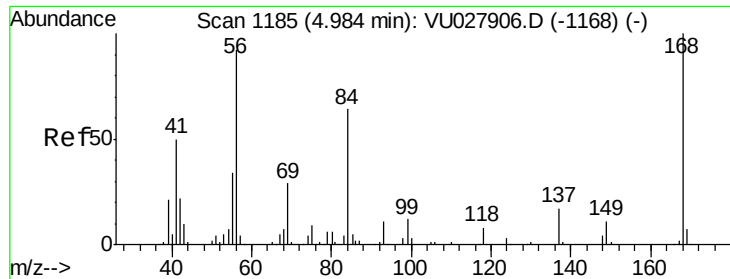
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

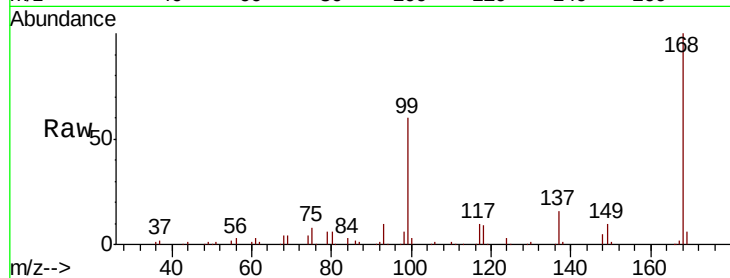
RW-2

Tot Ion:168 Resp: 192833

Ion Ratio Lower Upper

168 100

99 59.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028042.D (-1092) (-)

4.99

80000

60000

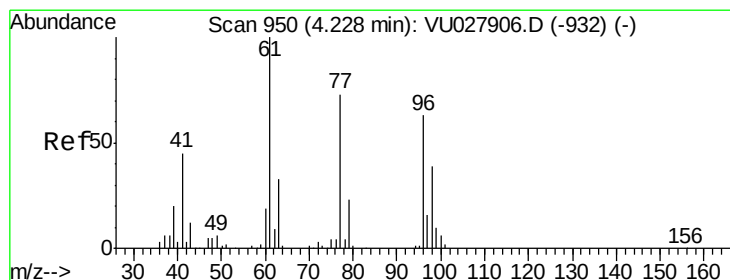
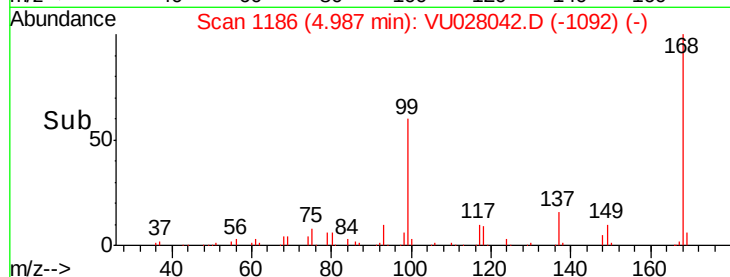
40000

20000

0

4.90 5.00 5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 4.939 ug/l

RT: 4.23 min Scan# 952

Delta R.T. 0.01 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

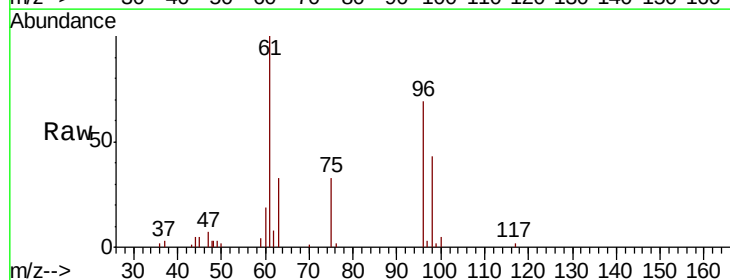
Tgt Ion: 96 Resp: 12917

Ion Ratio Lower Upper

96 100

61 153.5 0.0 329.6

98 63.6 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VU027906.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VU028042.D (-857) (-)

Ion 97.90 (97.60 to 98.60): VU028042.D (-857) (-)

4.23

10000

8000

6000

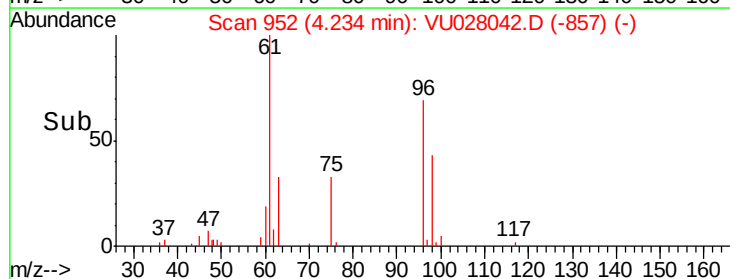
4000

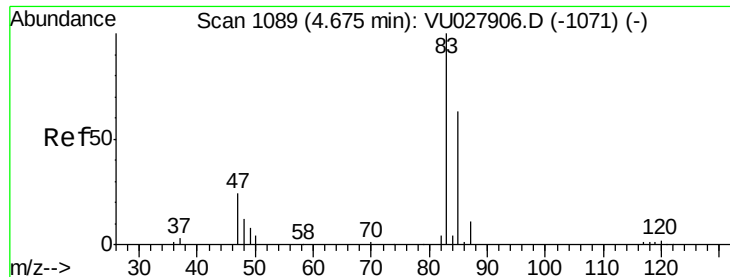
2000

0

4.15 4.20 4.25 4.30

Time-->

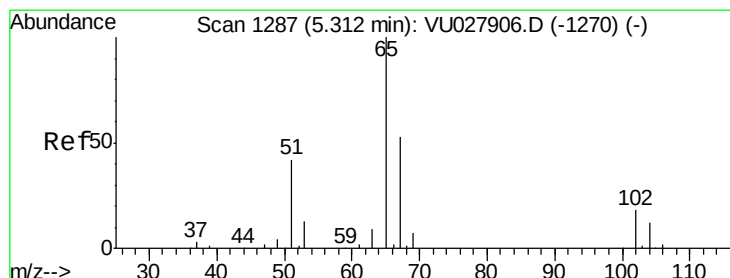
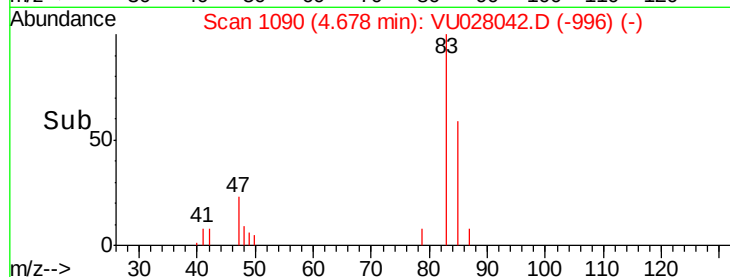
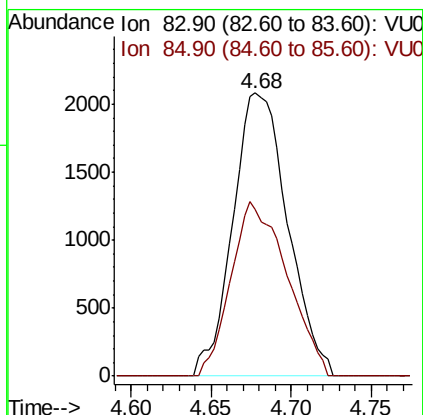
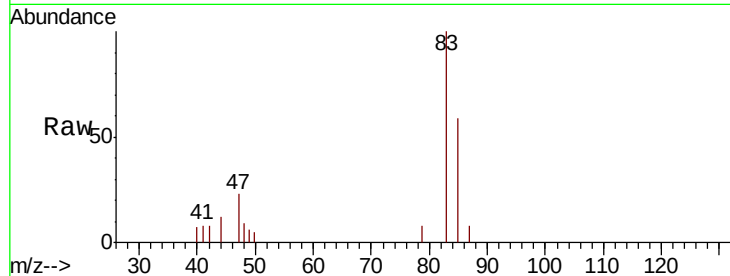




#30
Chloroform
Concen: 1.051 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

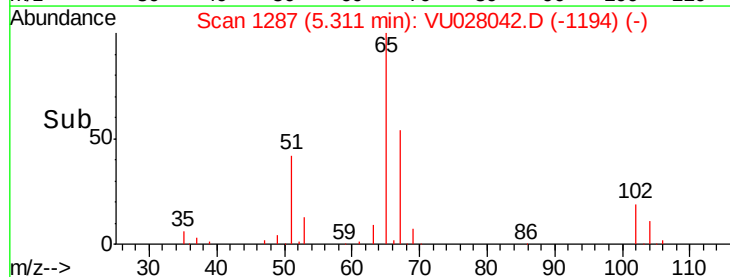
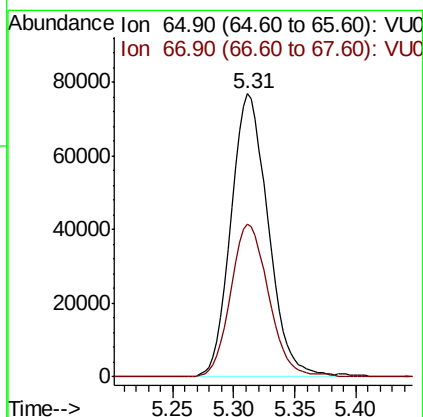
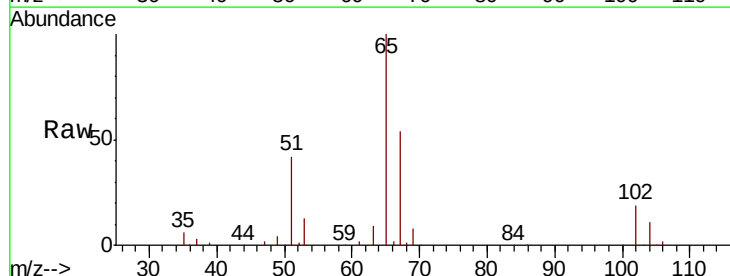
Instrument :
MSVOA_U
ClientSampleId :
RW-2

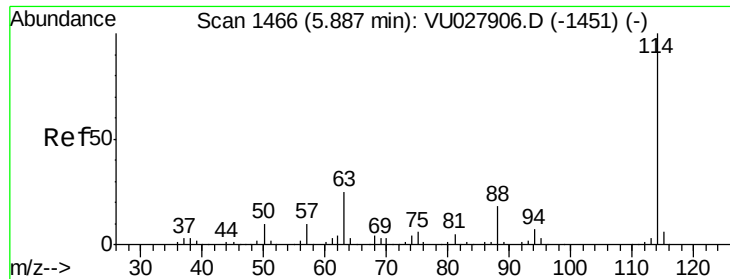
Tot Ion: 83 Resp: 4893
Ion Ratio Lower Upper
83 100
85 58.7 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 56.850 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Tgt Ion: 65 Resp: 162985
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.0

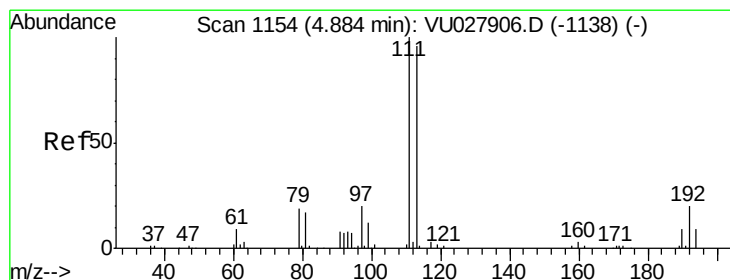
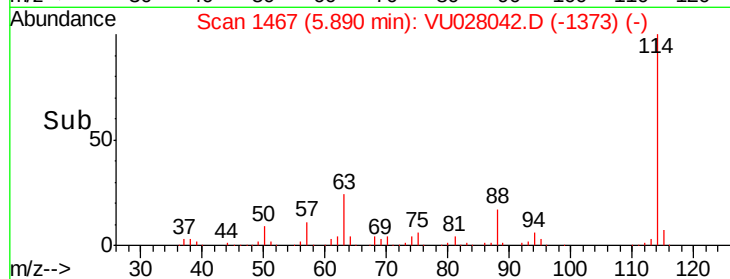
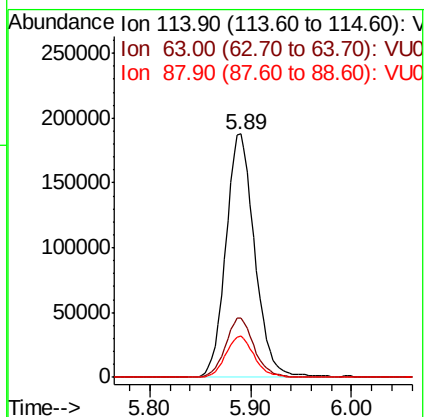
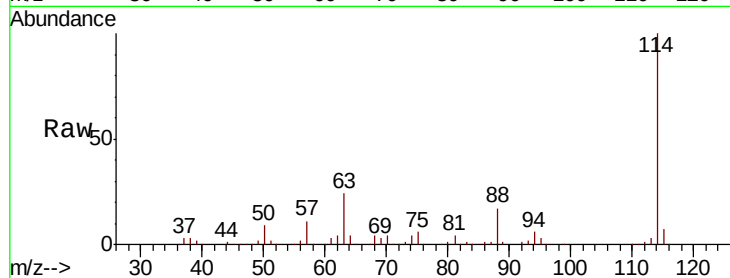




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

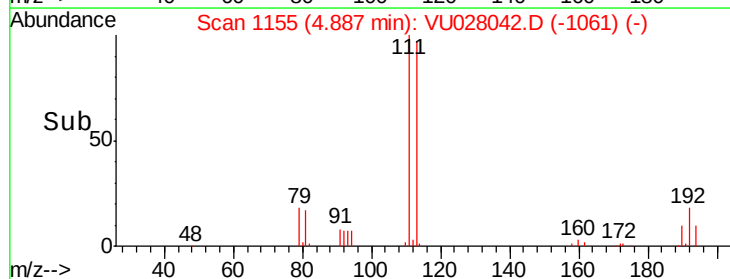
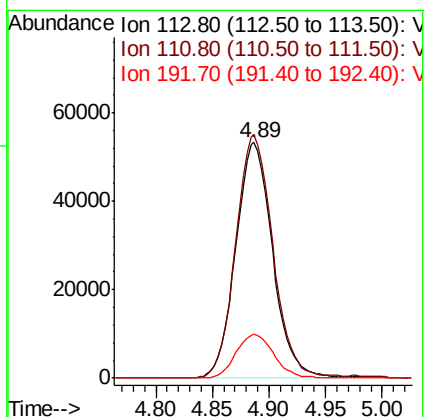
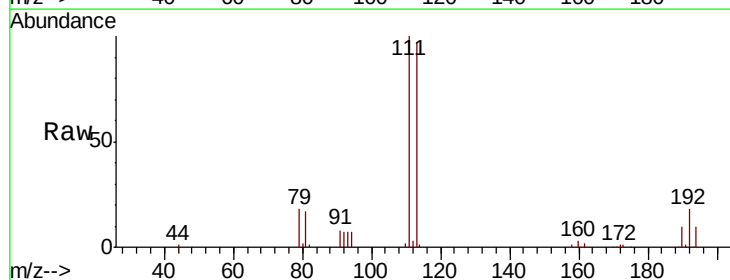
Instrument :
 MSVOA_U
 ClientSampleId :
 RW-2

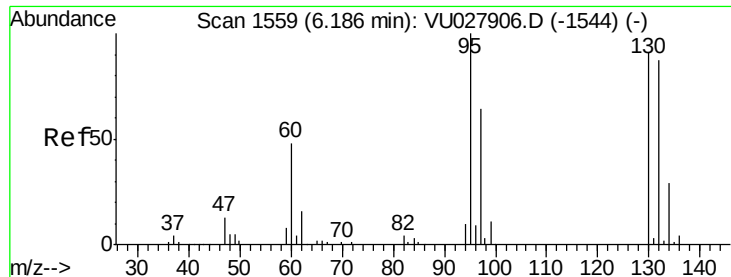
Tot Ion:114 Resp: 374302
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 16.8 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 51.254 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

Tgt Ion:113 Resp: 120960
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.0 124.6
 192 19.2 15.6 23.4





#44

Trichloroethene

Concen: 3.098 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

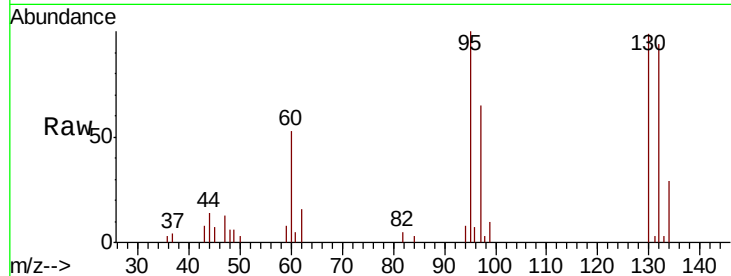
RW-2

Tot Ion:130 Resp: 7982

Ion Ratio Lower Upper

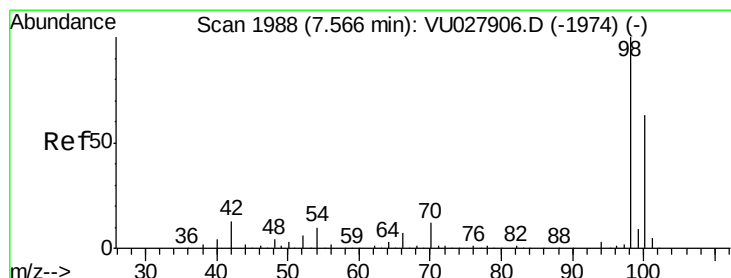
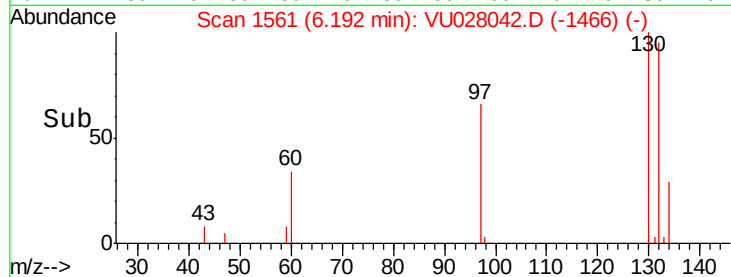
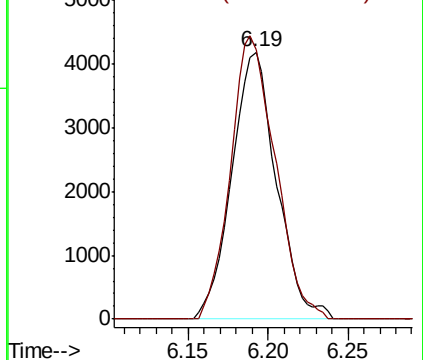
130 100

95 100.9 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 53.251 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028042.D

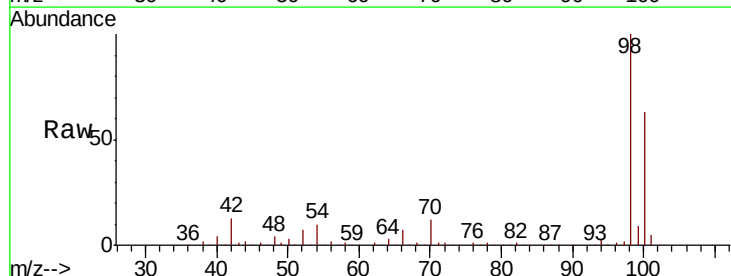
Acq: 09 Nov 2018 14:14

Tgt Ion: 98 Resp: 485466

Ion Ratio Lower Upper

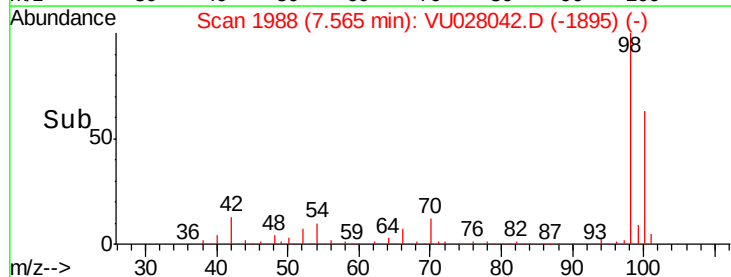
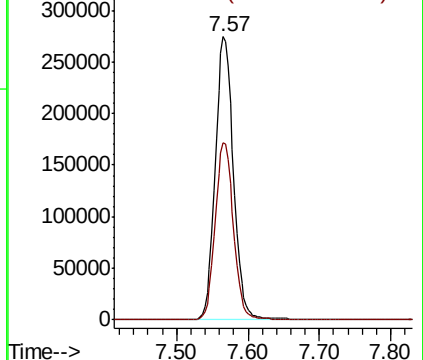
98 100

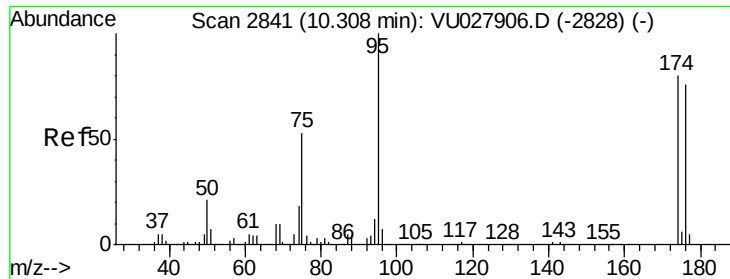
100 63.1 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

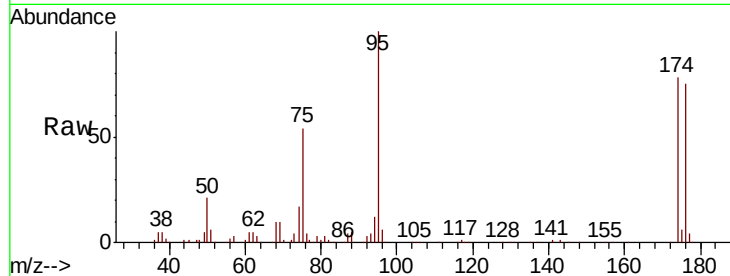




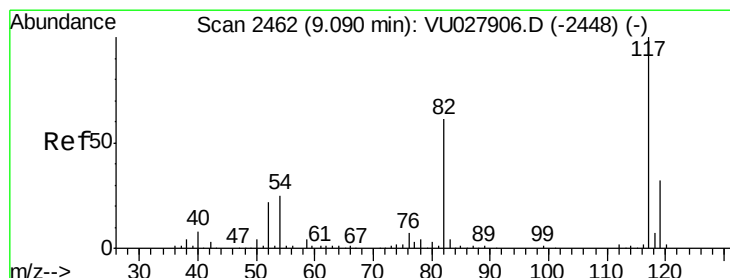
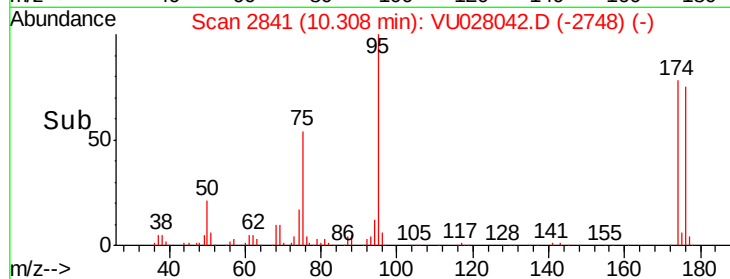
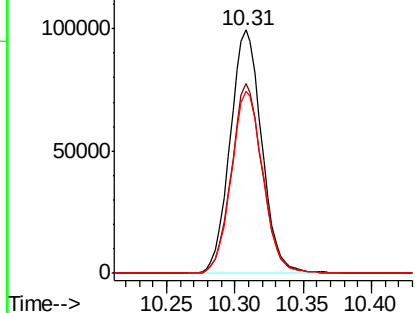
#62
4-Bromofluorobenzene
Concen: 47.640 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Instrument :
MSVOA_U
ClientSampled :
RW-2

Tot Ion: 95 Resp: 160194
Ion Ratio Lower Upper
95 100
174 76.2 0.0 156.4
176 75.0 0.0 150.8

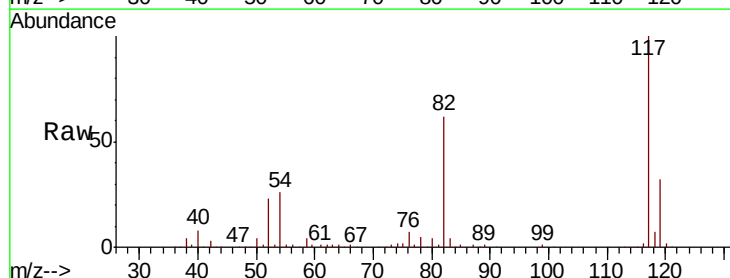


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

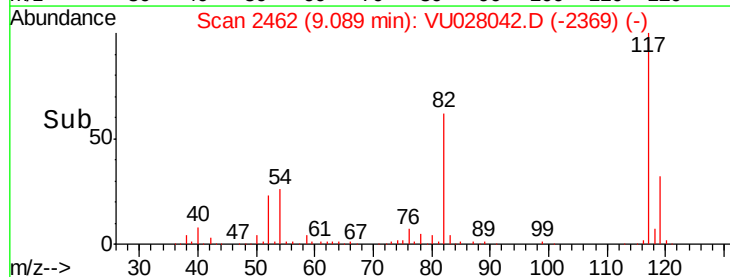
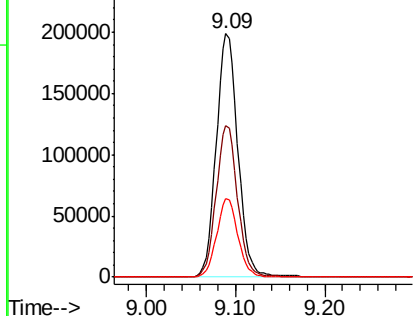


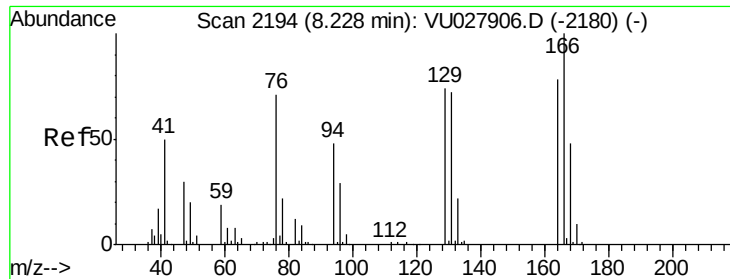
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028042.D
Acq: 09 Nov 2018 14:14

Tgt Ion: 117 Resp: 334233
Ion Ratio Lower Upper
117 100
82 62.3 48.6 73.0
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#64

Tetrachloroethene

Concen: 1268.294 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

RW-2

Tot Ion:164 Resp: 2748720

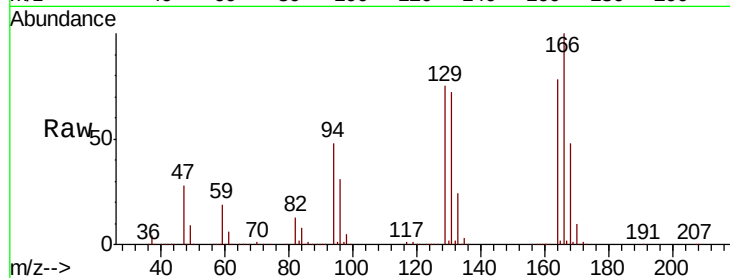
Ion Ratio Lower Upper

164 100

166 128.6 102.1 153.1

129 96.8 75.9 113.9

131 92.8 73.0 109.6

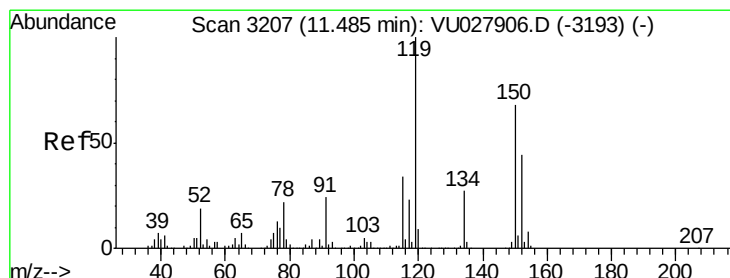
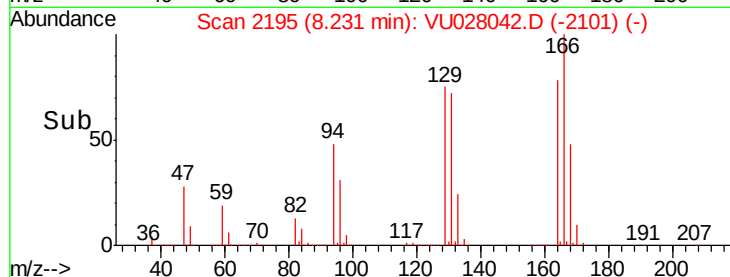
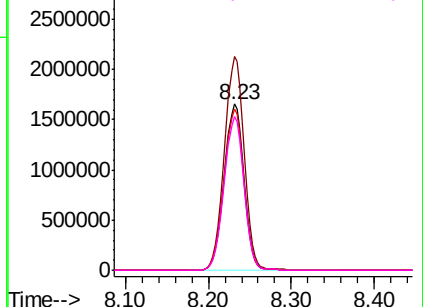


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

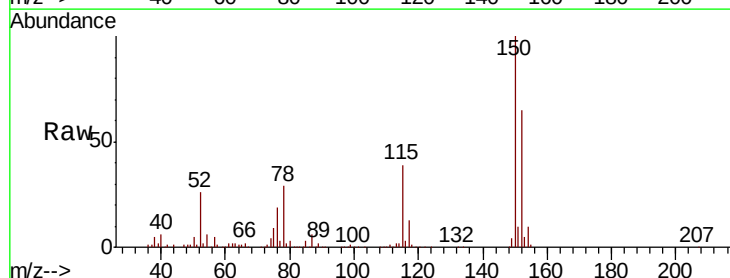
Tgt Ion:152 Resp: 143950

Ion Ratio Lower Upper

152 100

115 59.5 43.0 129.0

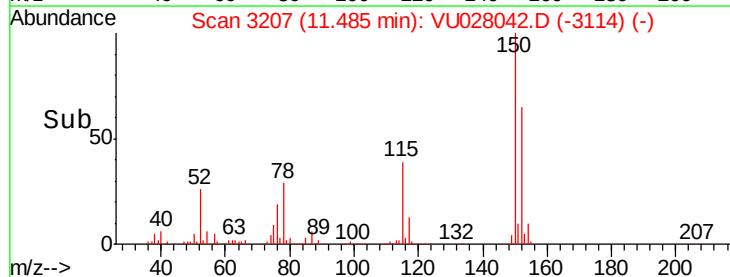
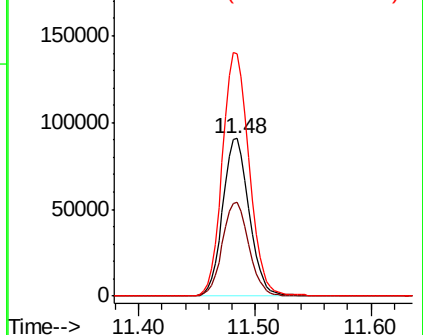
150 155.6 0.0 349.4

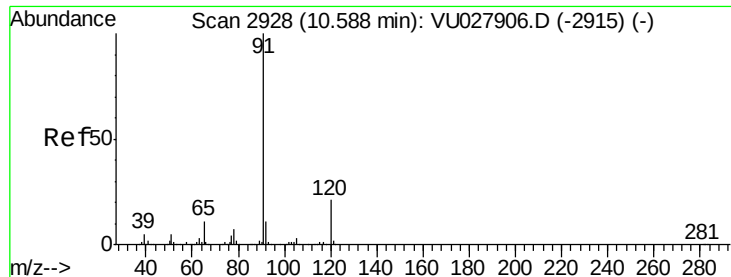


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.404 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU028042.D

Acq: 09 Nov 2018 14:14

Instrument :

MSVOA_U

ClientSampleId :

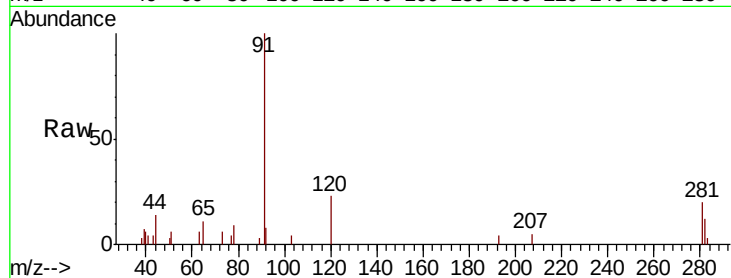
RW-2

Tot Ion: 91 Resp: 5388

Ion Ratio Lower Upper

91 100

120 17.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2915) (-)

Ion 120.00 (119.70 to 120.70): VU027906.D (-2915) (-)

10.59

3000

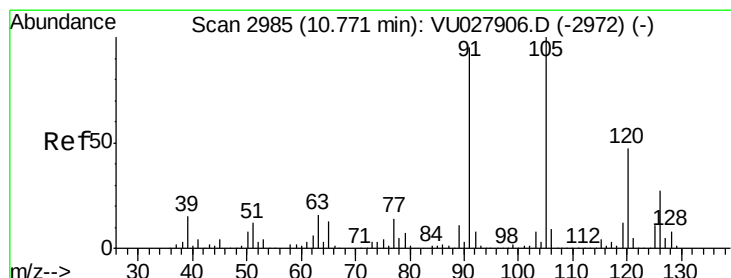
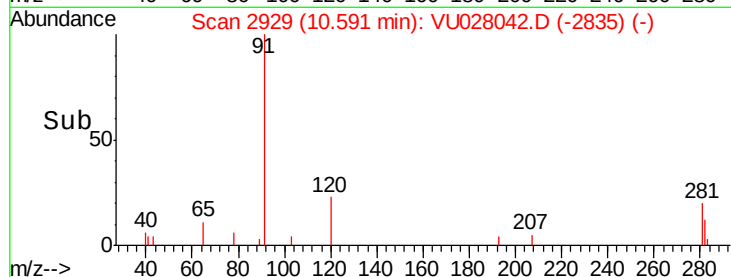
2000

1000

0

10.55 10.60 10.65

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.629 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028042.D

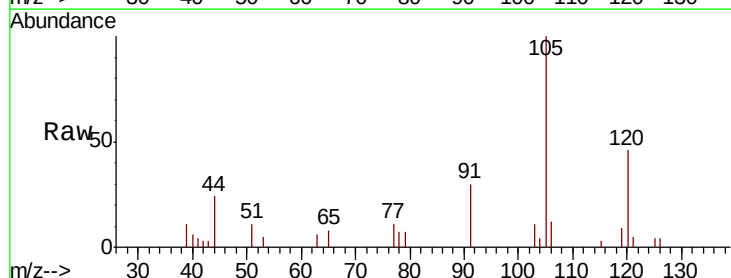
Acq: 09 Nov 2018 14:14

Tgt Ion: 105 Resp: 5809

Ion Ratio Lower Upper

105 100

120 43.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VU027906.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027906.D (-2972) (-)

10.77

4000

3000

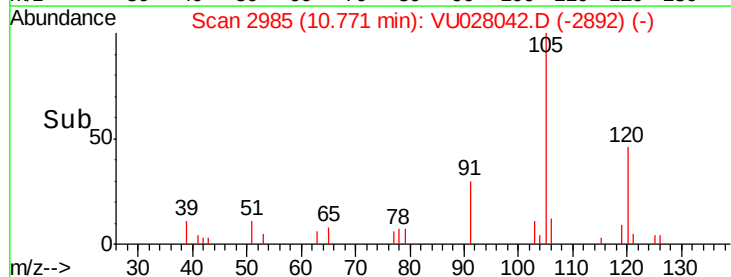
2000

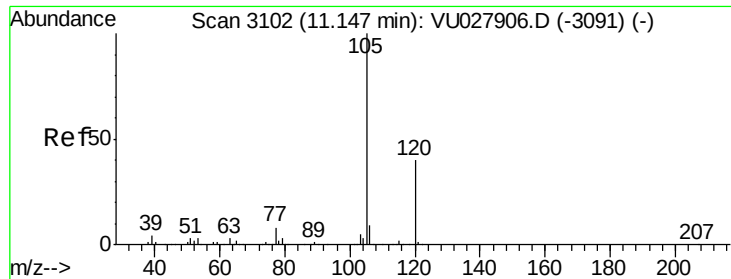
1000

0

10.75 10.80

Time-->





#84
 1,2,4-Trimethylbenzene
 Concen: 1.509 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU028042.D
 Acq: 09 Nov 2018 14:14

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-2

Tot Ion:105 Resp: 14041
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.1 66.1

