

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092418\
 Data File : VU027109.D
 Acq On : 24 Sep 2018 15:21
 Operator : MD/SY
 Sample : J4969-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW02S-20180917

Quant Time: Sep 25 02:34:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	94717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159565	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77167	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	99371	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.26%		
35) Dibromofluoromethane	4.89	113	68896	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.62%		
50) Toluene-d8	7.57	98	260120	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.70%		
62) 4-Bromofluorobenzene	10.31	95	87677	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.96%		

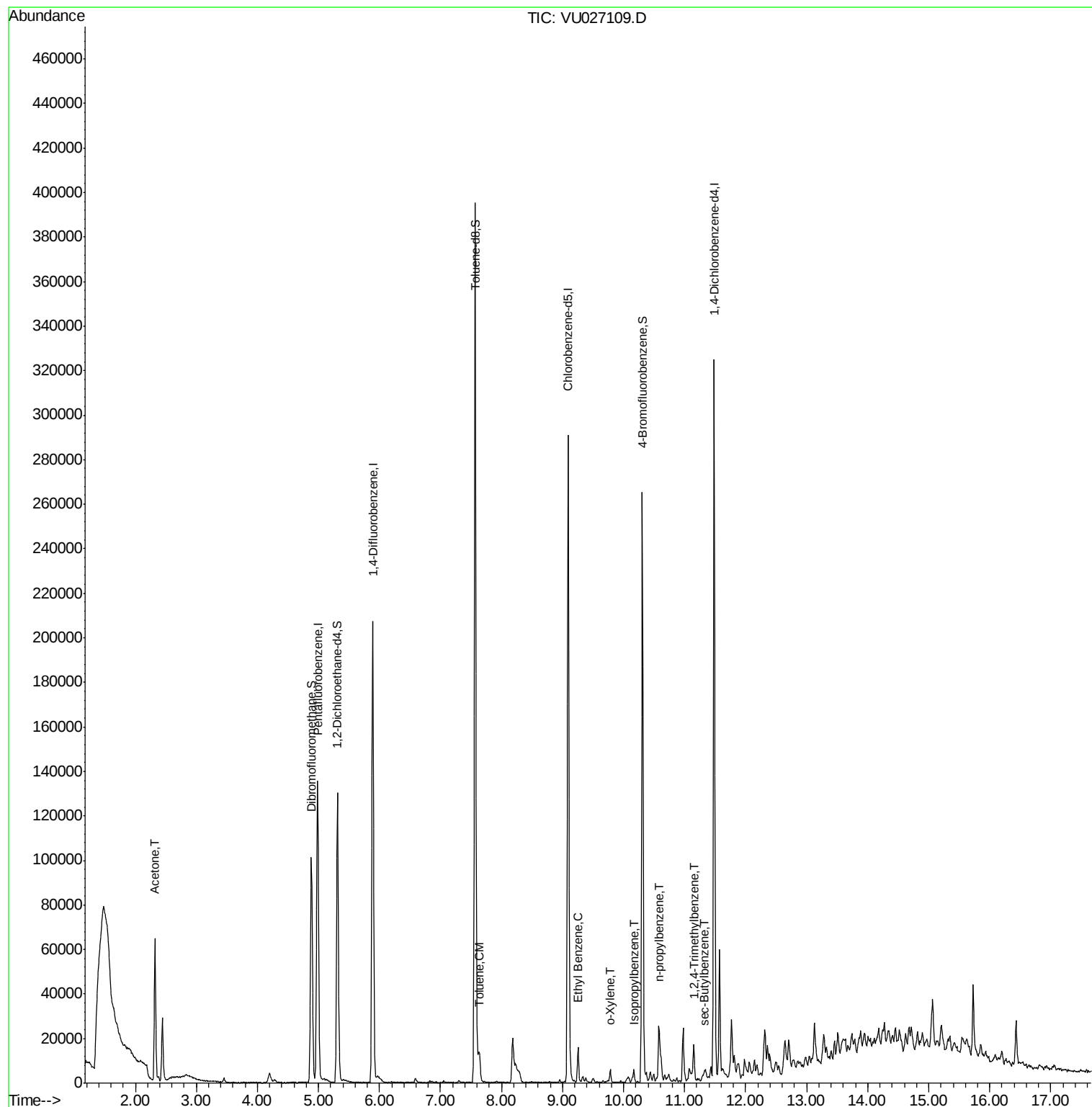
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	67345	53.463	ug/l	99
52) Toluene	7.64	92	3204	0.863	ug/l	86
67) Ethyl Benzene	9.25	91	11588	1.759	ug/l	99
69) o-Xylene	9.78	106	1434	0.614	ug/l	89
73) Isopropylbenzene	10.17	105	3394	0.578	ug/l	99
78) n-propylbenzene	10.59	91	6176	0.889	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	8204	1.664	ug/l	97
85) sec-Butylbenzene	11.32	105	1757	0.300	ug/l	95

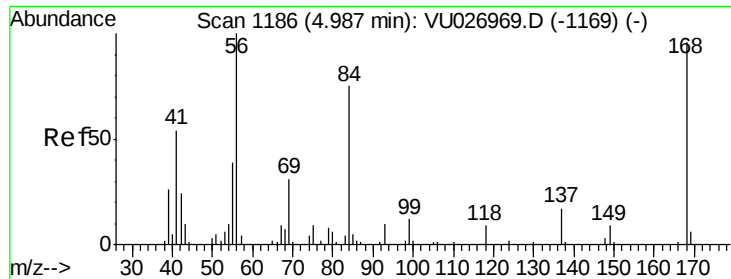
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 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: VU027109.D

Acq: 24 Sep 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

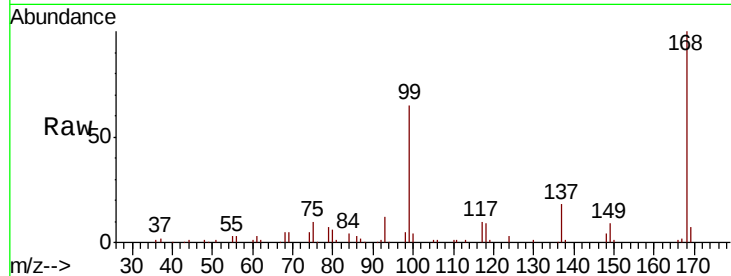
FT-MW02S-20180917

Tot Ion:168 Resp: 94717

Ion Ratio Lower Upper

168 100

99 64.9 48.1 72.1

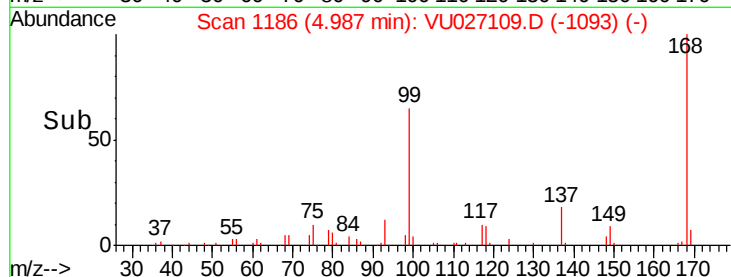


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

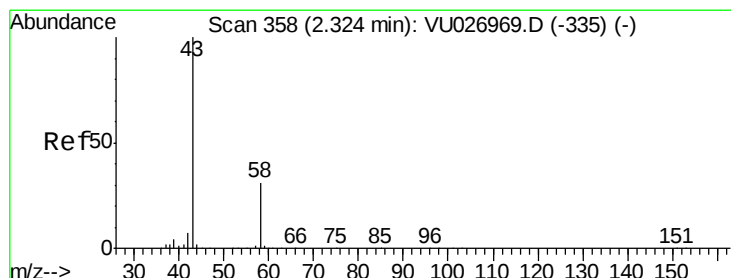
Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

Time-->



Time-->



#16

Acetone

Concen: 53.463 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027109.D

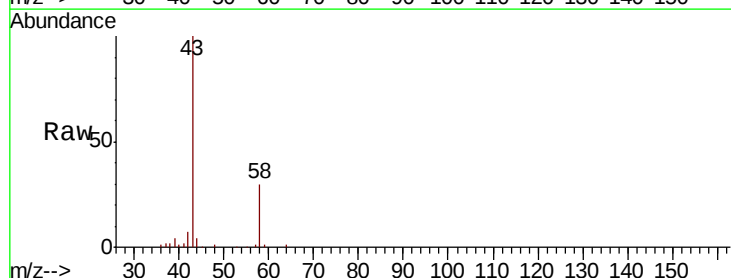
Acq: 24 Sep 2018 15:21

Tgt Ion: 43 Resp: 67345

Ion Ratio Lower Upper

43 100

58 30.2 24.6 36.8

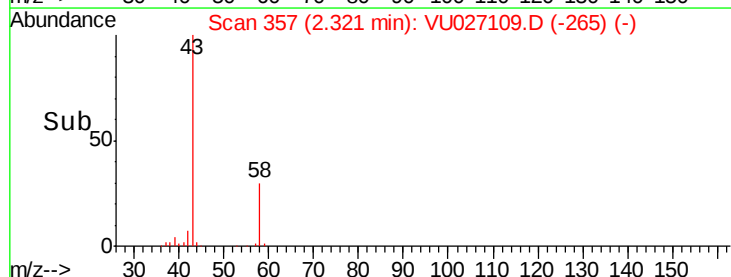


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

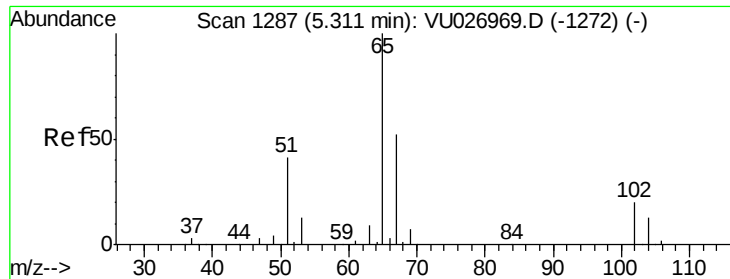
Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

2.32

Time-->



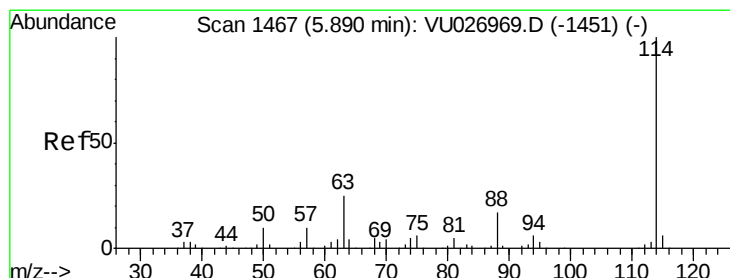
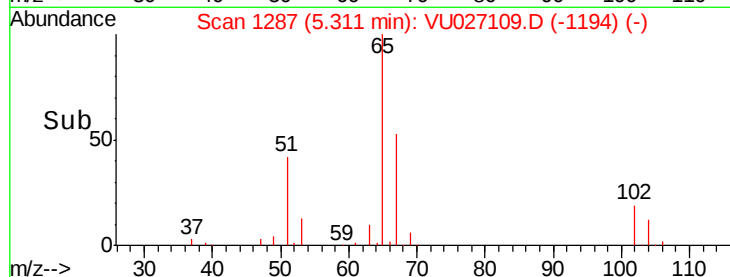
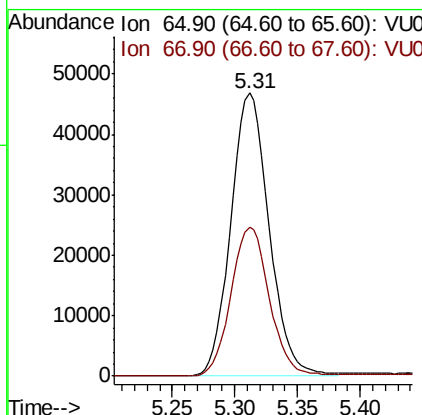
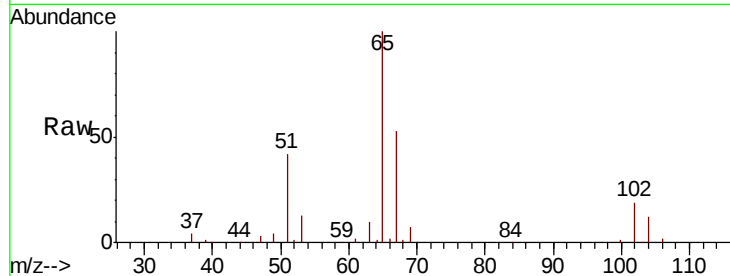
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 52.127 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027109.D
 Acq: 24 Sep 2018 15:21

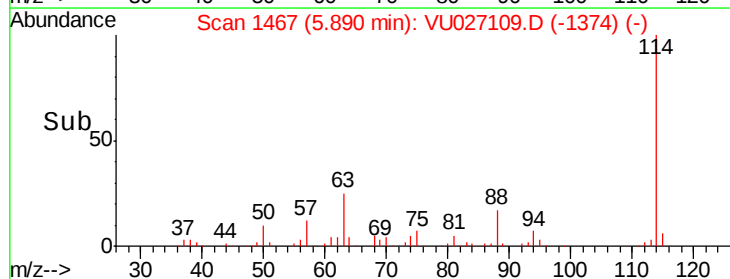
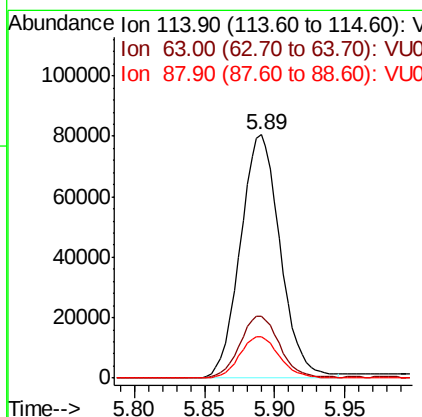
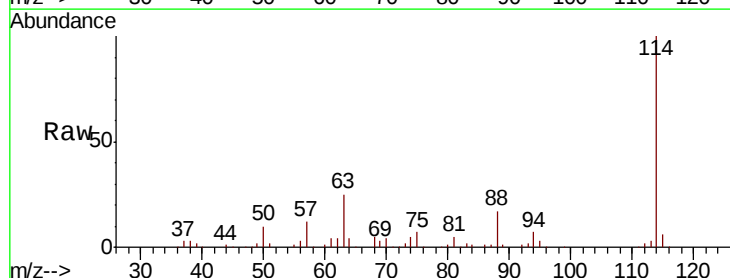
Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW02S-20180917

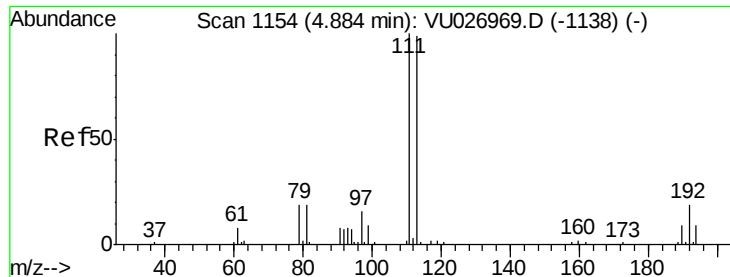
Tot Ion: 65 Resp: 99371
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027109.D
 Acq: 24 Sep 2018 15:21

Tgt Ion: 114 Resp: 159565
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.8 0.0 33.8

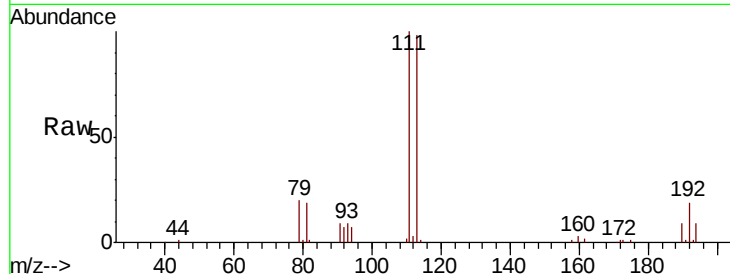




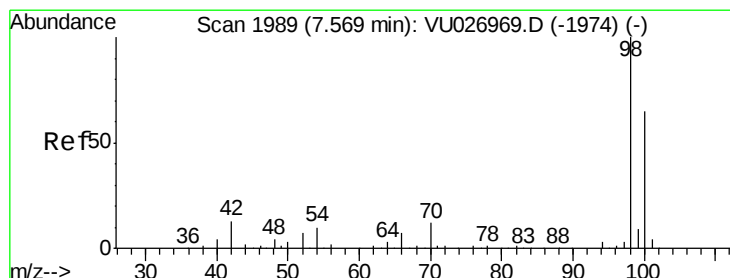
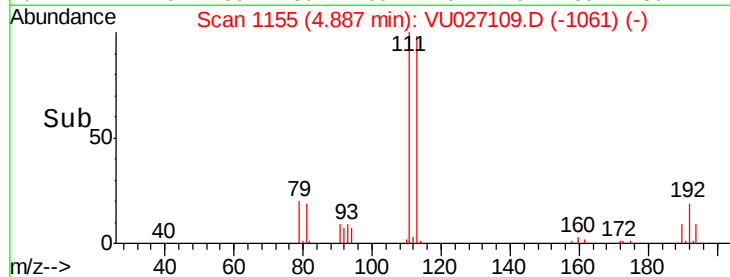
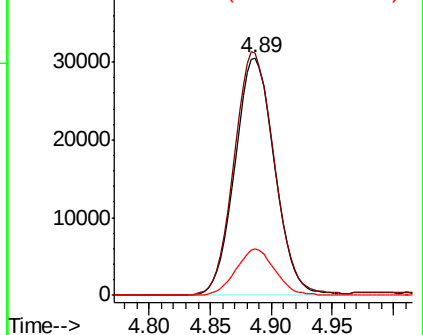
#35
 Dibromofluoromethane
 Concen: 49.812 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027109.D
 Acq: 24 Sep 2018 15:21

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW02S-20180917

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	19.1	15.2	22.8

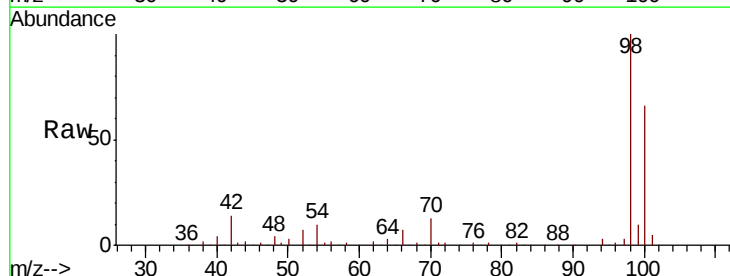


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

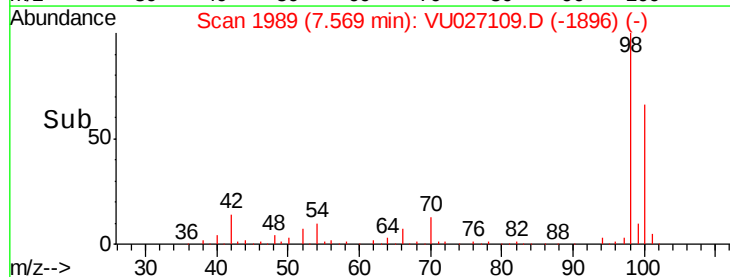
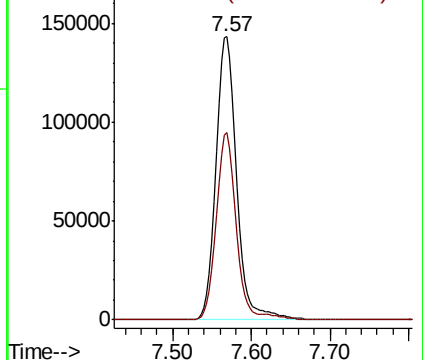


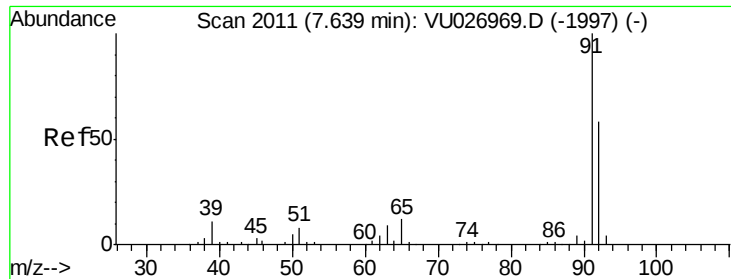
#50
 Toluene-d8
 Concen: 49.348 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027109.D
 Acq: 24 Sep 2018 15:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#52

Toluene

Concen: 0.863 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027109.D

Acq: 24 Sep 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

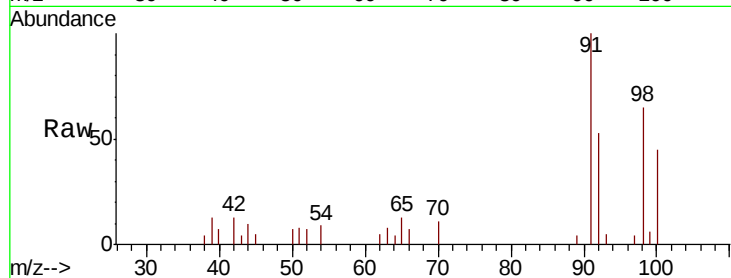
FT-MW02S-20180917

Tot Ion: 92 Resp: 3204

Ion Ratio Lower Upper

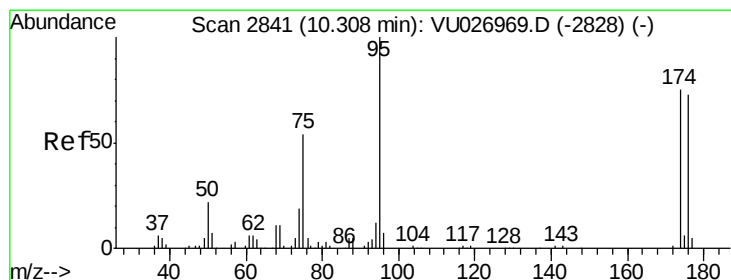
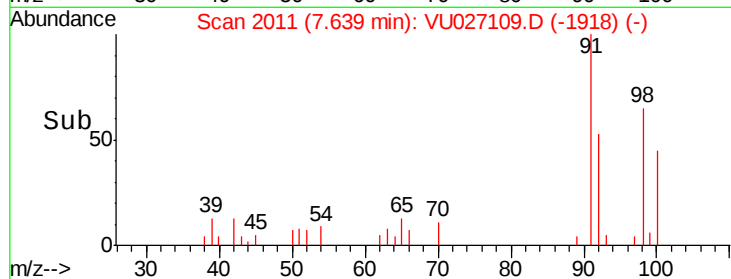
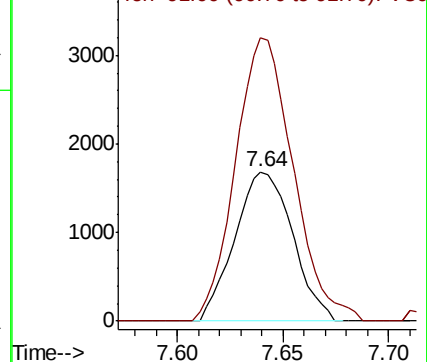
92 100

91 190.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 48.476 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027109.D

Acq: 24 Sep 2018 15:21

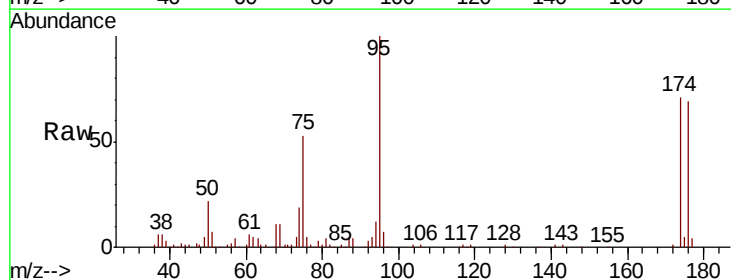
Tgt Ion: 95 Resp: 87677

Ion Ratio Lower Upper

95 100

174 71.1 0.0 150.2

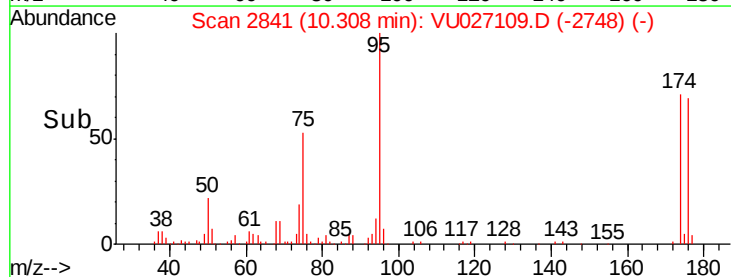
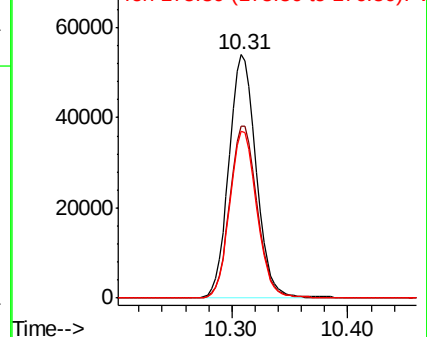
176 68.2 0.0 145.2

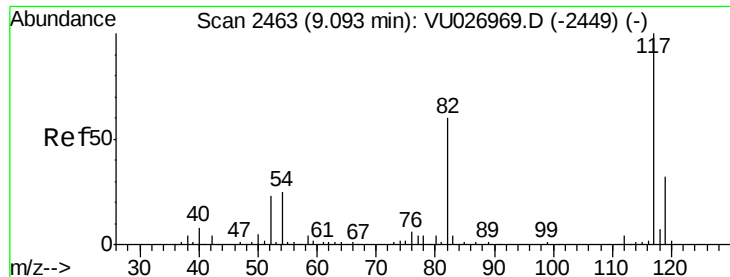


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

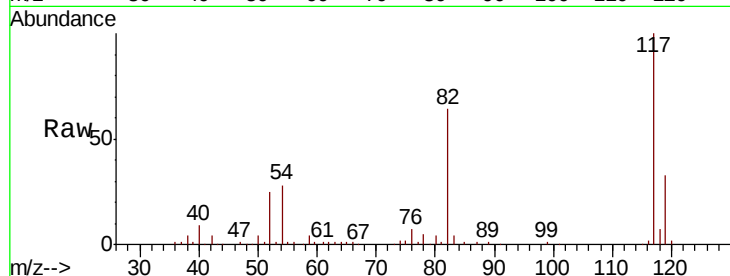




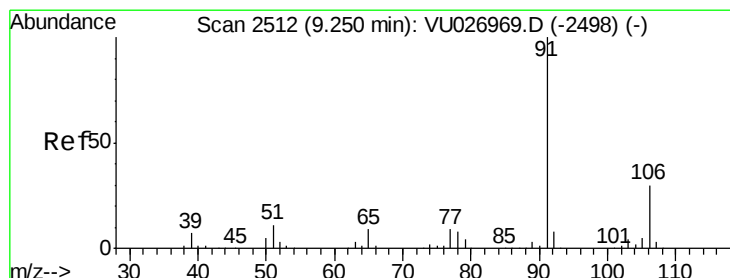
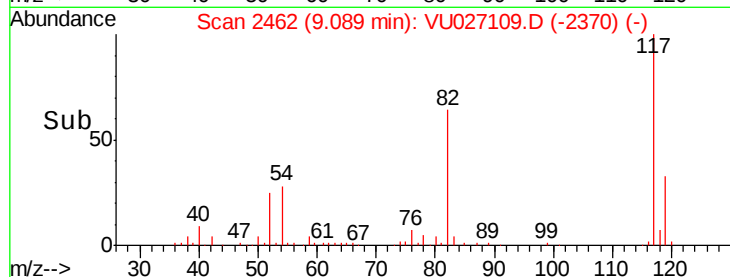
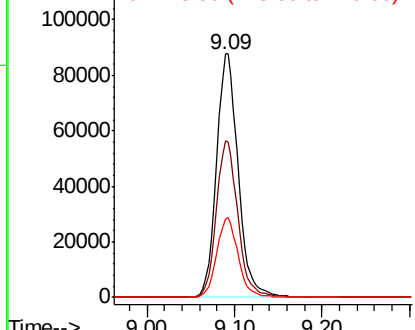
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027109.D
Acq: 24 Sep 2018 15:21

Instrument :
MSVOA_U
ClientSampleId :
FT-MW02S-20180917

Tot Ion:117 Resp: 151122
Ion Ratio Lower Upper
117 100
82 64.3 48.0 72.0
119 32.5 25.8 38.8

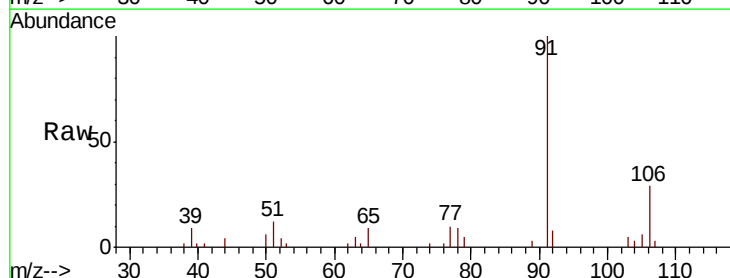


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

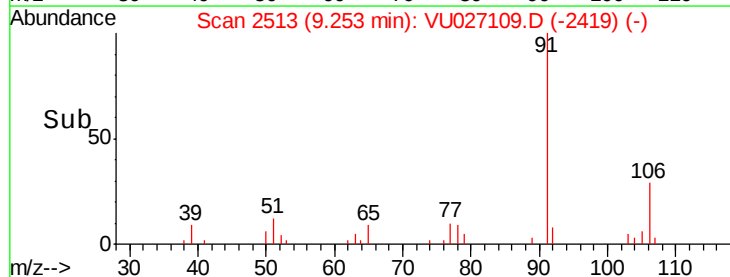
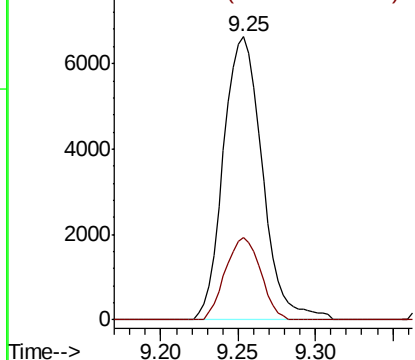


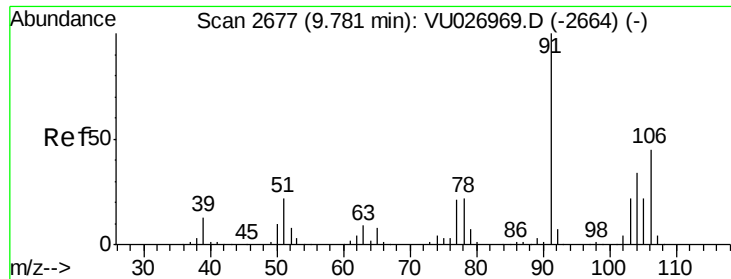
#67
Ethyl Benzene
Concen: 1.759 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027109.D
Acq: 24 Sep 2018 15:21

Tgt Ion: 91 Resp: 11588
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8



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

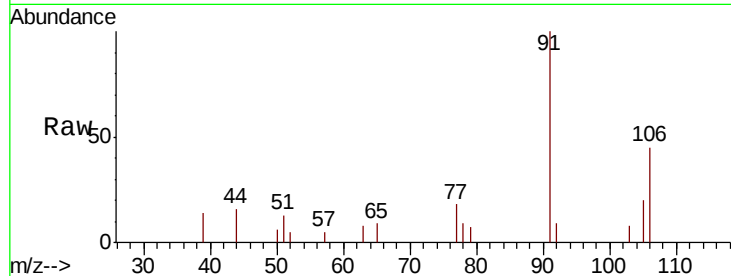




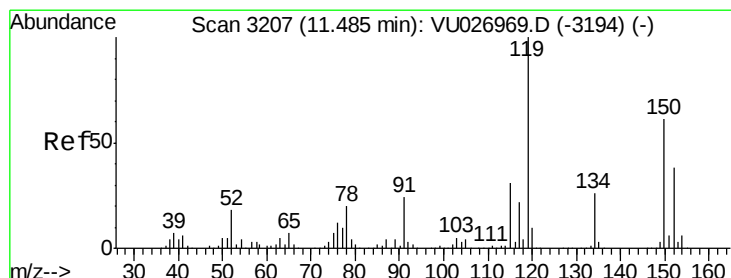
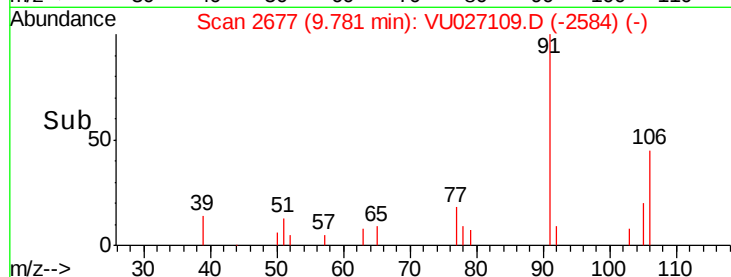
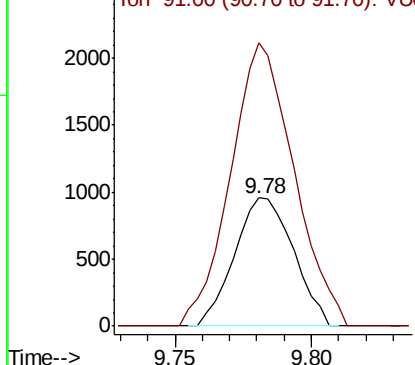
#69
o-Xylene
Concen: 0.614 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027109.D
Acq: 24 Sep 2018 15:21

Instrument :
MSVOA_U
ClientSampleId :
FT-MW02S-20180917

Tot Ion:106 Resp: 1434
Ion Ratio Lower Upper
106 100
91 237.5 110.2 330.6

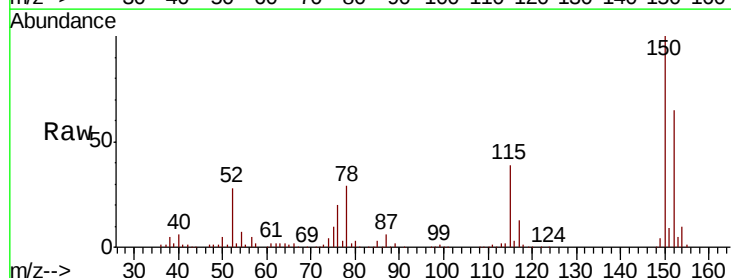


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

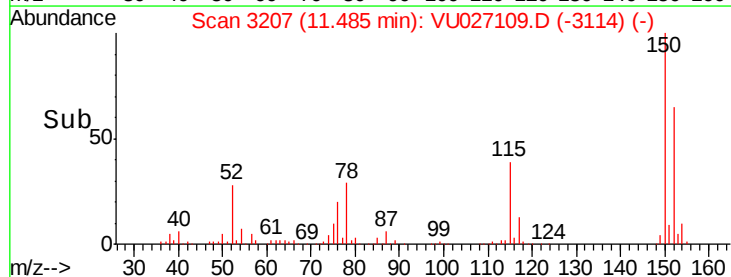
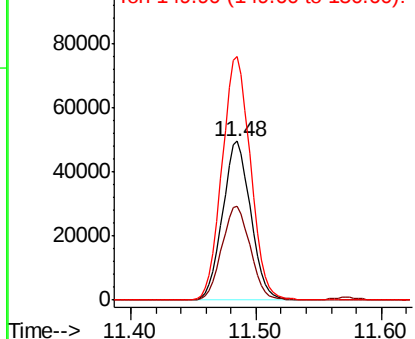


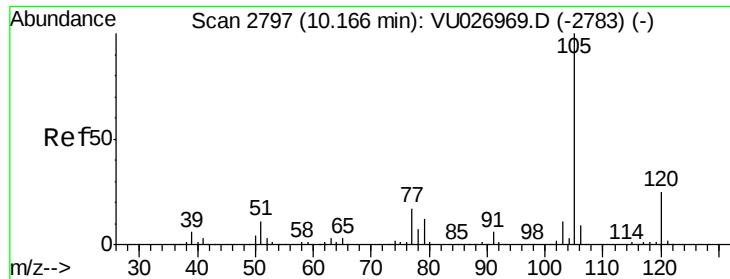
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027109.D
Acq: 24 Sep 2018 15:21

Tgt Ion:152 Resp: 77167
Ion Ratio Lower Upper
152 100
115 59.7 44.9 134.5
150 155.0 0.0 355.8



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





#73

Isopropylbenzene

Concen: 0.578 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027109.D

Acq: 24 Sep 2018 15:21

Instrument :

MSVOA_U

ClientSampleId :

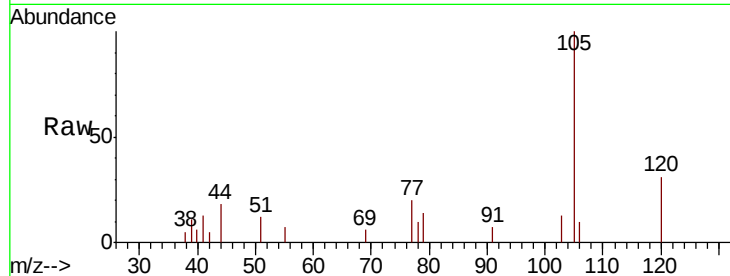
FT-MW02S-20180917

Tot Ion: 105 Resp: 3394

Ion Ratio Lower Upper

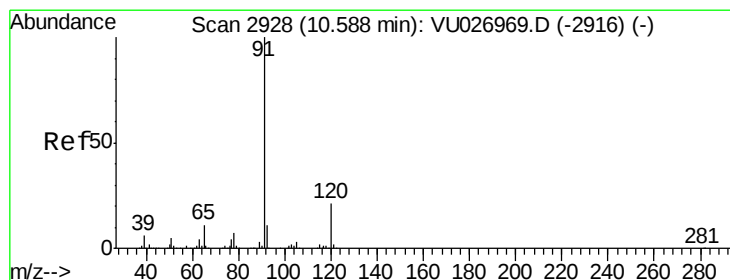
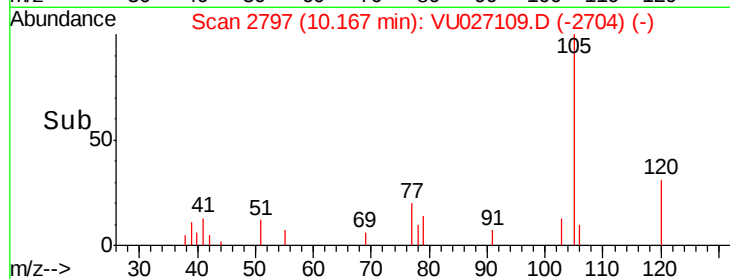
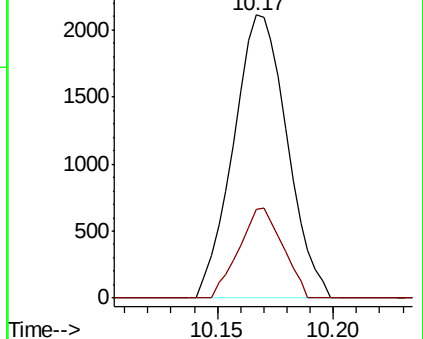
105 100

120 26.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.889 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU027109.D

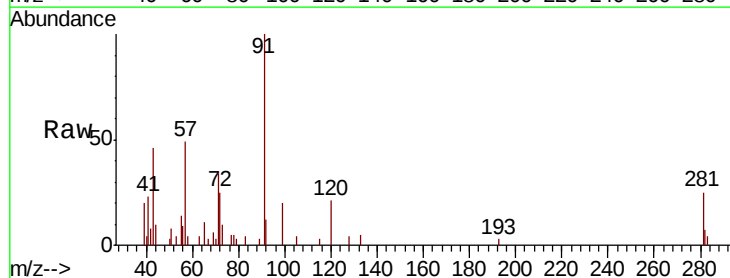
Acq: 24 Sep 2018 15:21

Tgt Ion: 91 Resp: 6176

Ion Ratio Lower Upper

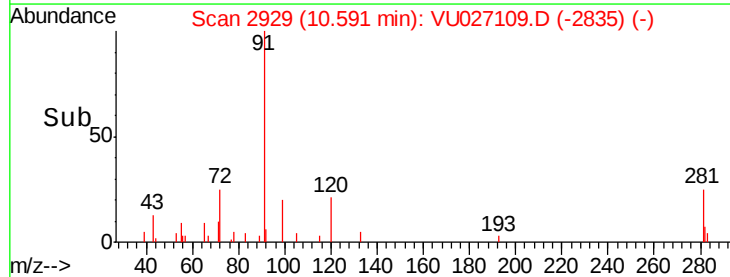
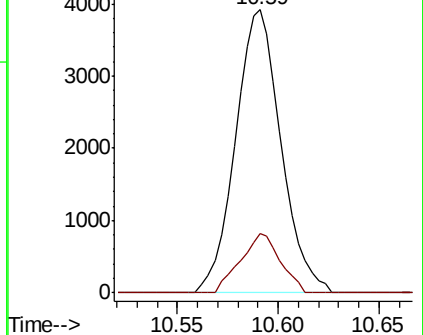
91 100

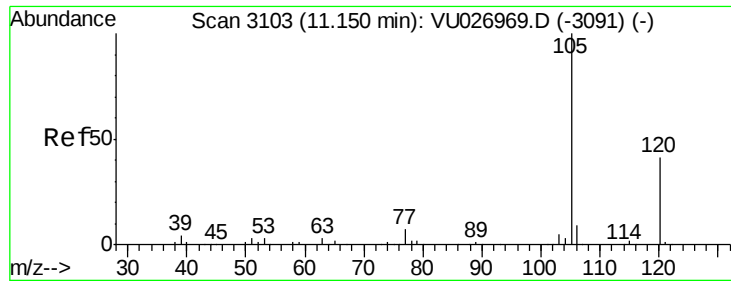
120 18.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

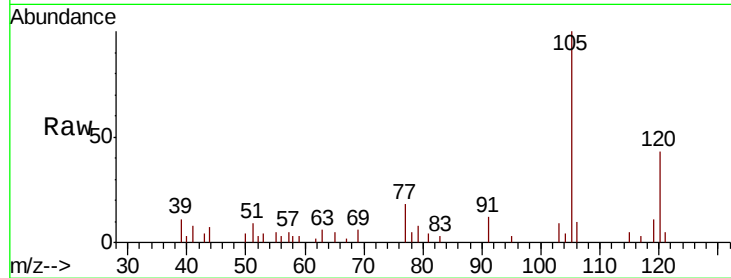




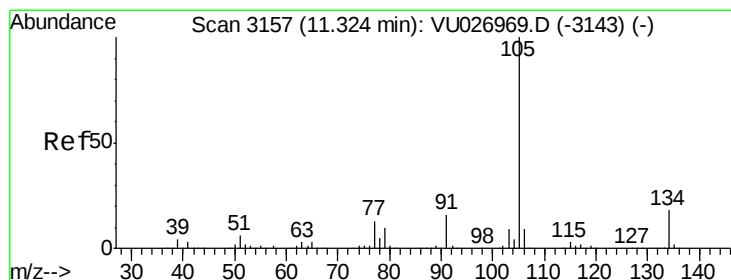
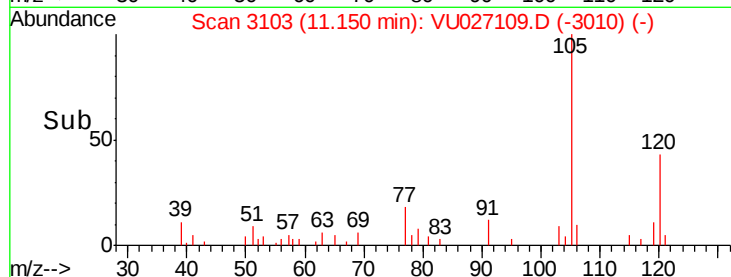
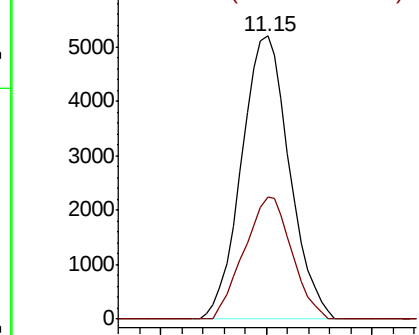
#84
 1,2,4-Trimethylbenzene
 Concen: 1.664 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027109.D
 Acq: 24 Sep 2018 15:21

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW02S-20180917

Tot Ion:105 Resp: 8204
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.4 67.2

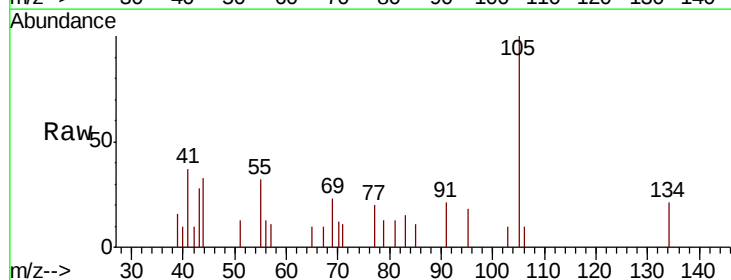


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



#85
 sec-Butylbenzene
 Concen: 0.300 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU027109.D
 Acq: 24 Sep 2018 15:21

Tgt Ion:105 Resp: 1757
 Ion Ratio Lower Upper
 105 100
 134 16.5 9.4 28.2



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

