

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025744.D
 Acq On : 31 Jul 2018 17:21
 Operator : MD/SY
 Sample : J4109-03ME
 Misc : 8.32g/5.0mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-12(3-5)ME

Quant Time: Aug 01 08:58:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

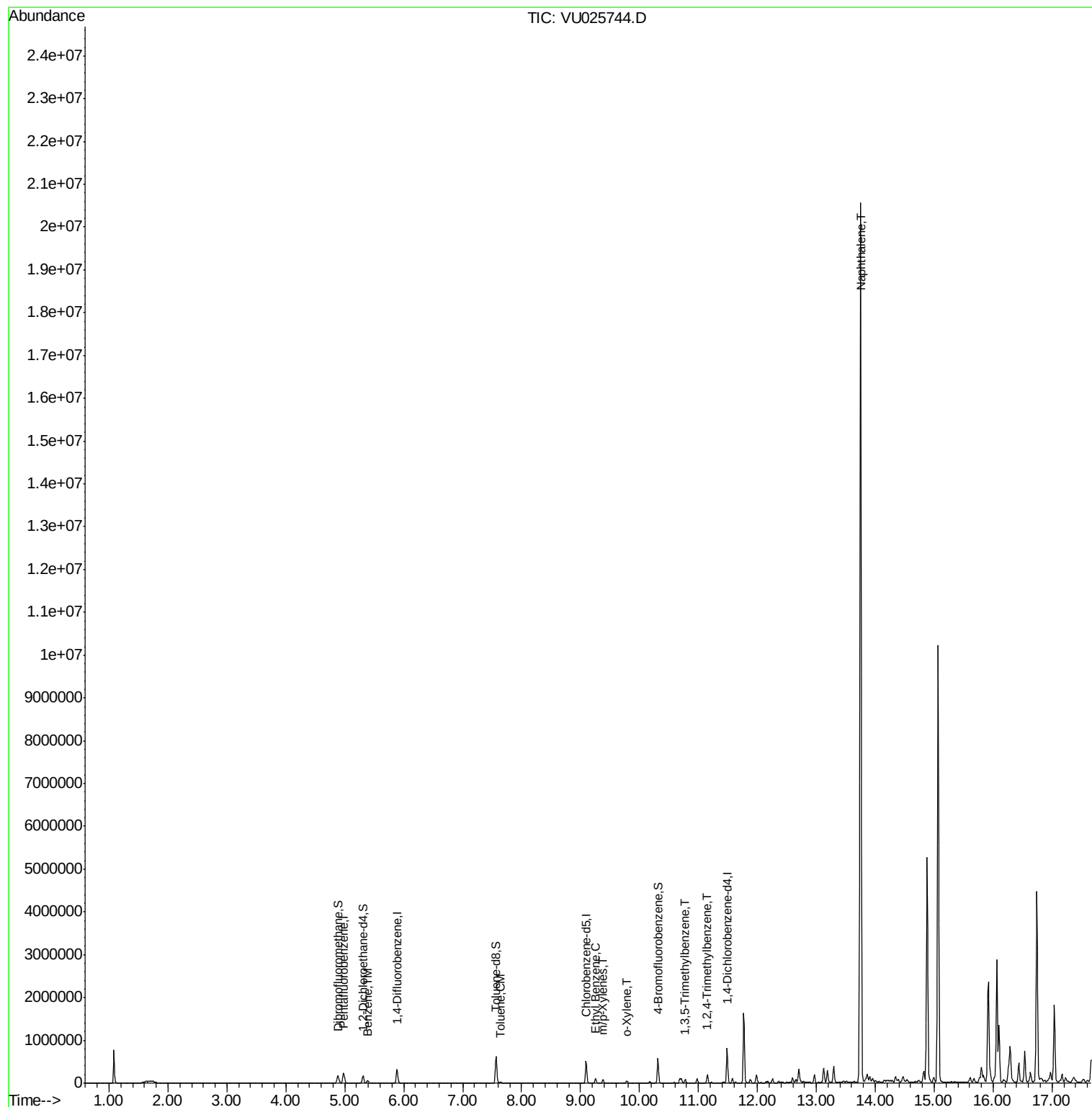
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	180030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	284217	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	204268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141216	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	4.88	113	114497	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
50) Toluene-d8	7.57	98	419163	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	10.31	95	181937	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
Target Compounds						
40) Benzene	5.39	78	58243	5.999	ug/l	99
52) Toluene	7.64	92	11122	1.844	ug/l	99
67) Ethyl Benzene	9.25	91	80031	6.502	ug/l	100
68) m/p-Xylenes	9.38	106	22056	4.667	ug/l	98
69) o-Xylene	9.79	106	14788	3.202	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	47068	3.975	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	106569	8.882	ug/l	98
95) Naphthalene	13.75	128	15178365	976.920	ug/l	97

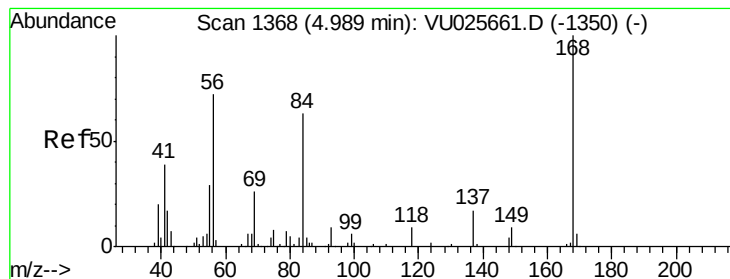
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-12(3-5)ME

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VU025744.D

Acq: 31 Jul 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

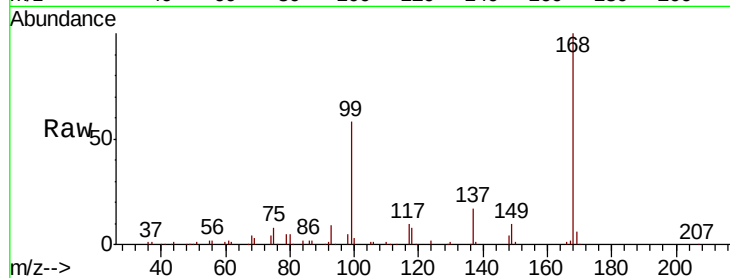
SB-12(3-5)ME

Tot Ion:168 Resp: 180030

Ion Ratio Lower Upper

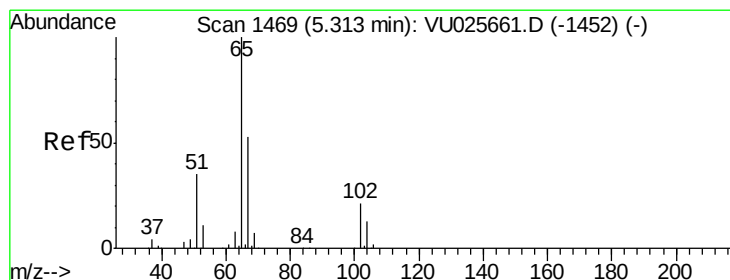
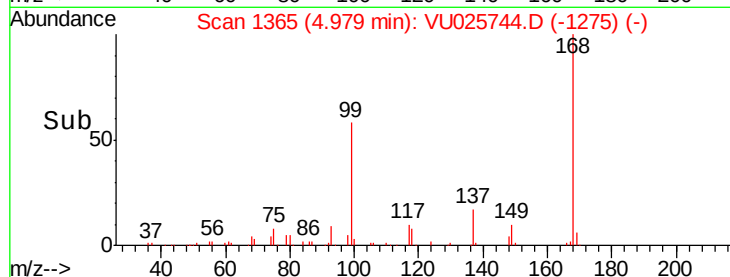
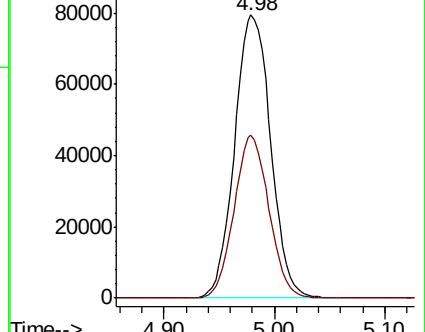
168 100

99 57.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.343 ug/l

RT: 5.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VU025744.D

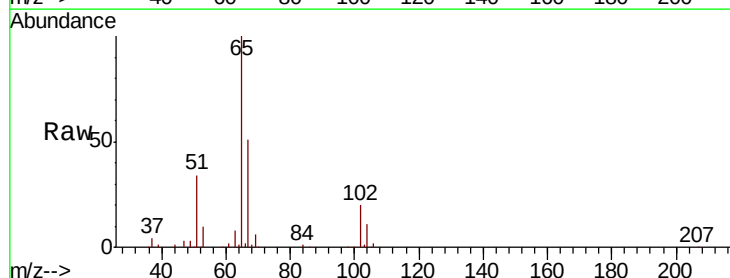
Acq: 31 Jul 2018 17:21

Tgt Ion: 65 Resp: 141216

Ion Ratio Lower Upper

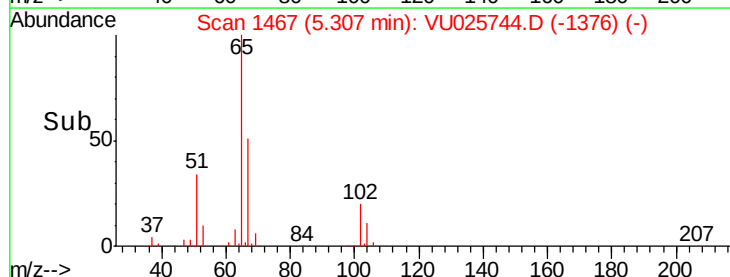
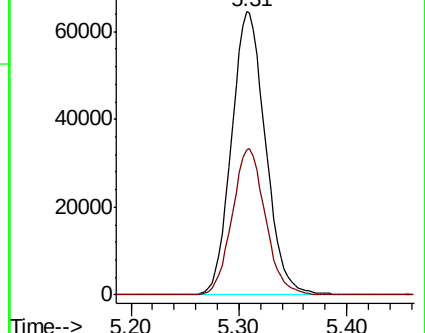
65 100

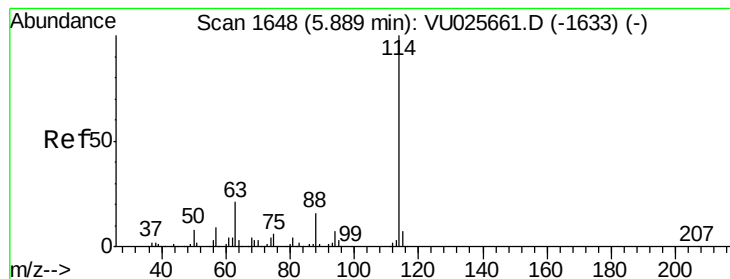
67 50.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.00 min

Lab File: VU025744.D

Acq: 31 Jul 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

SB-12(3-5)ME

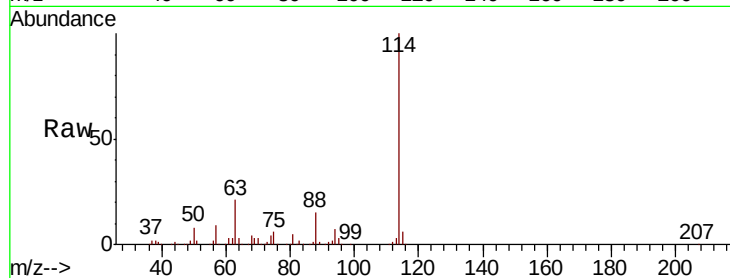
Tot Ion:114 Resp: 284217

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

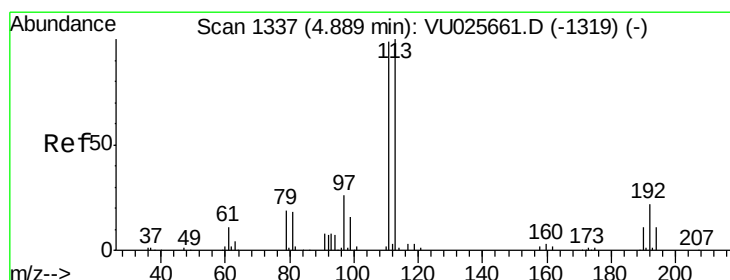
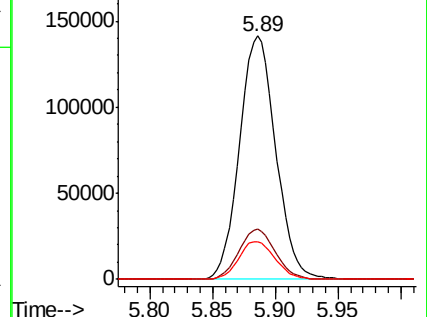
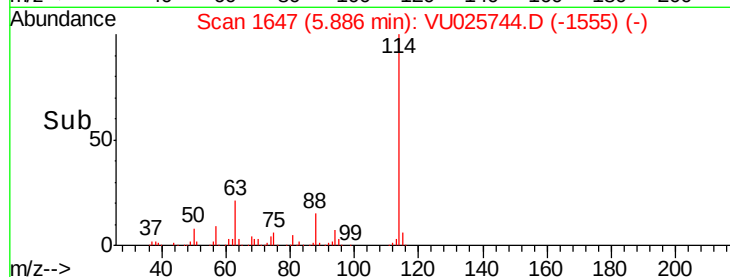
88 15.5 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.318 ug/l

RT: 4.88 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VU025744.D

Acq: 31 Jul 2018 17:21

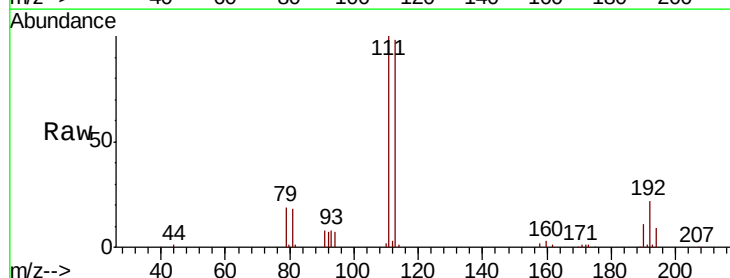
Tgt Ion:113 Resp: 114497

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

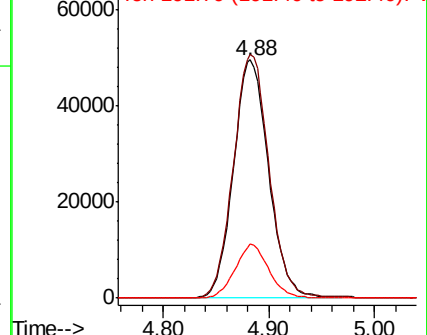
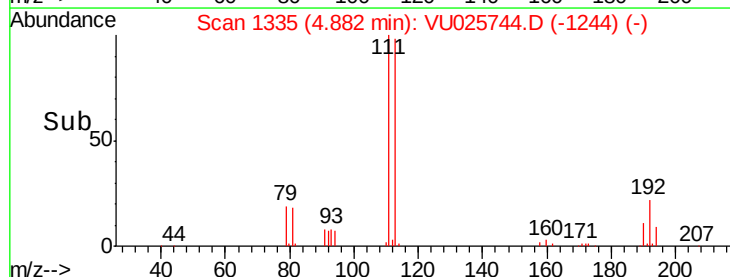
192 21.5 17.1 25.7

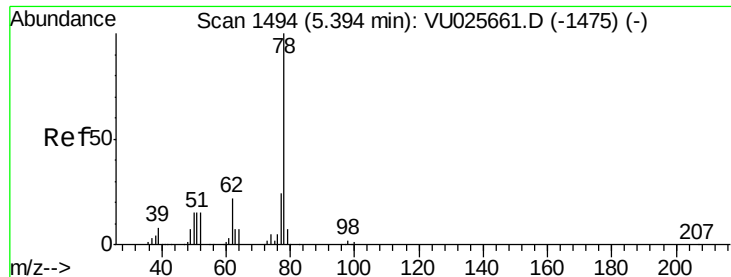


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

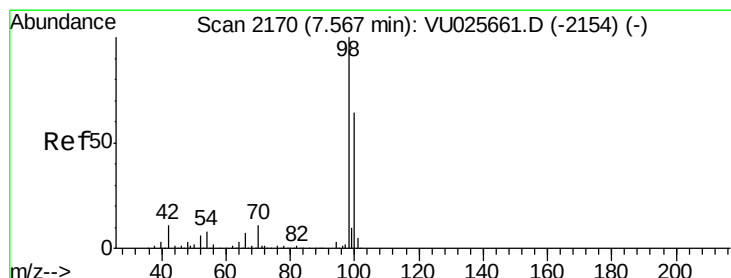
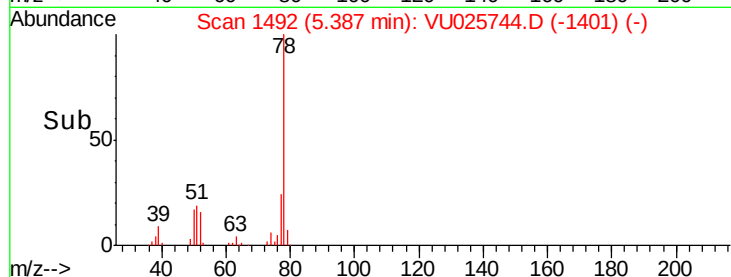
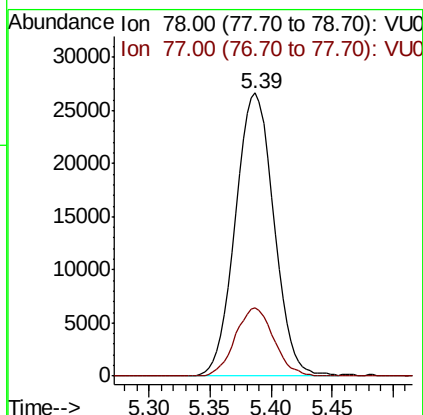
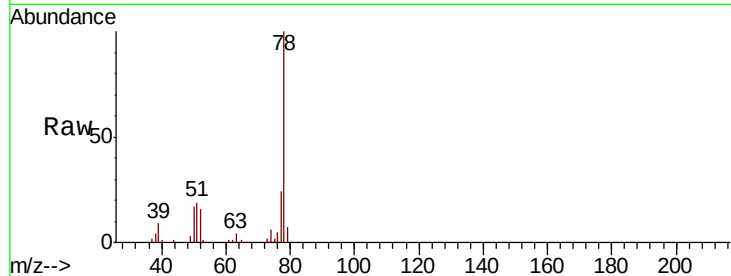




#40
Benzene
Concen: 5.999 ug/l
RT: 5.39 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VU025744.D
Acq: 31 Jul 2018 17:21

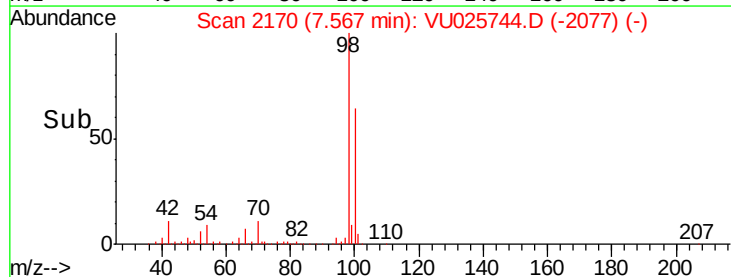
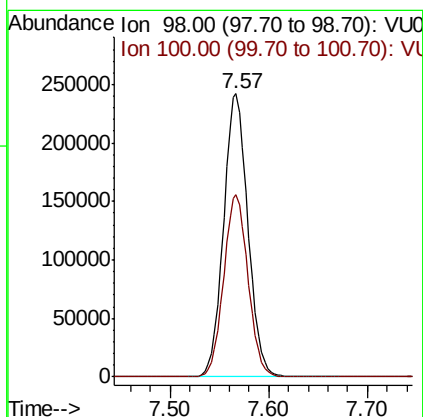
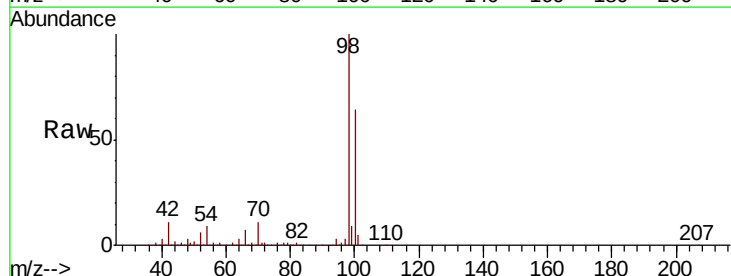
Instrument :
MSVOA_U
ClientSampleId :
SB-12(3-5)ME

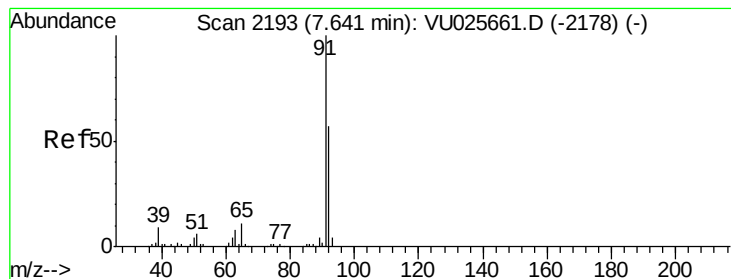
Tot Ion: 78 Resp: 58243
Ion Ratio Lower Upper
78 100
77 24.1 19.8 29.6



#50
Toluene-d8
Concen: 48.456 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025744.D
Acq: 31 Jul 2018 17:21

Tgt Ion: 98 Resp: 419163
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7





#52

Toluene

Concen: 1.844 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025744.D

Acq: 31 Jul 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

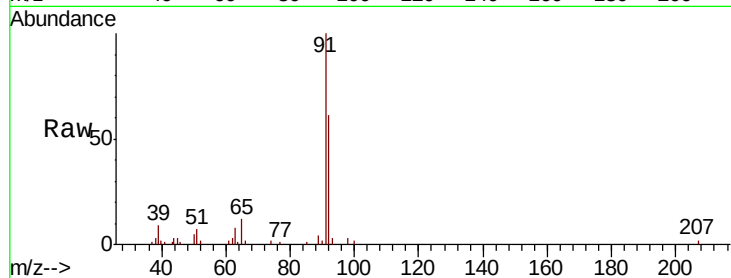
SB-12(3-5)ME

Tot Ion: 92 Resp: 11122

Ion Ratio Lower Upper

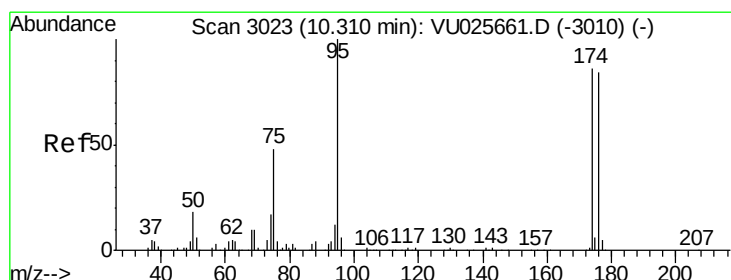
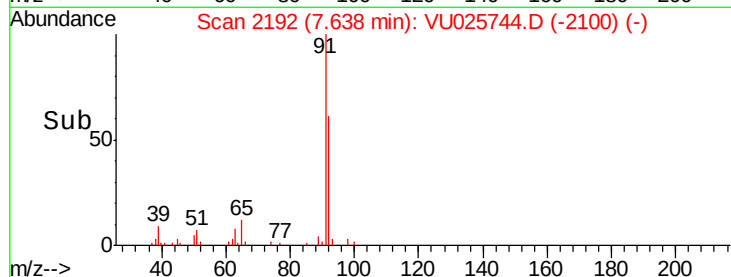
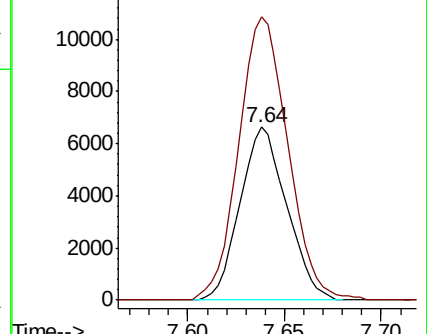
92 100

91 172.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 54.187 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025744.D

Acq: 31 Jul 2018 17:21

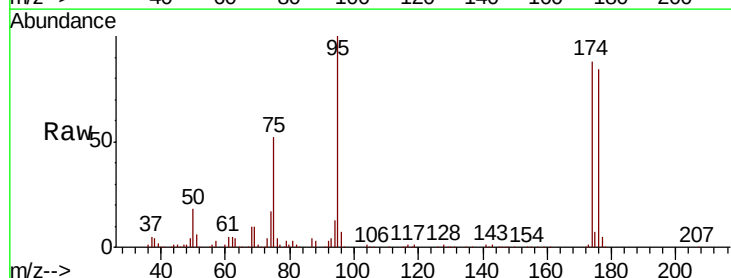
Tgt Ion: 95 Resp: 181937

Ion Ratio Lower Upper

95 100

174 87.3 0.0 172.2

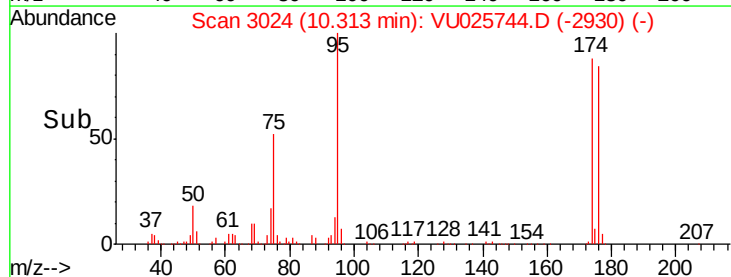
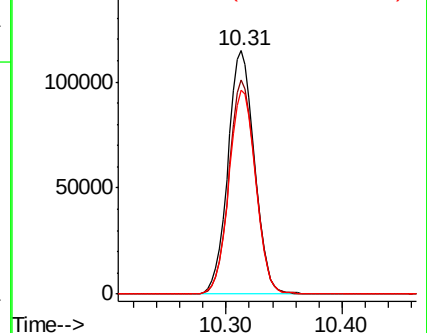
176 84.6 0.0 162.6

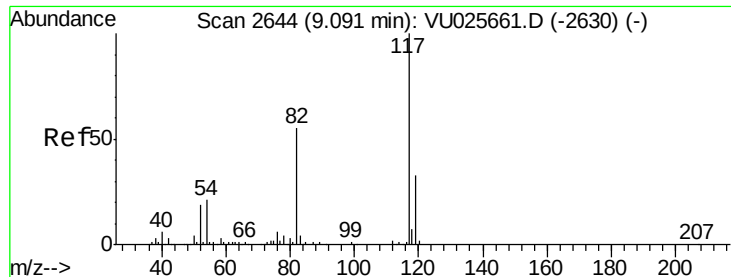


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

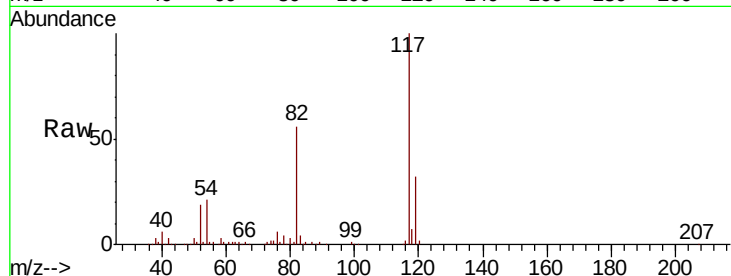




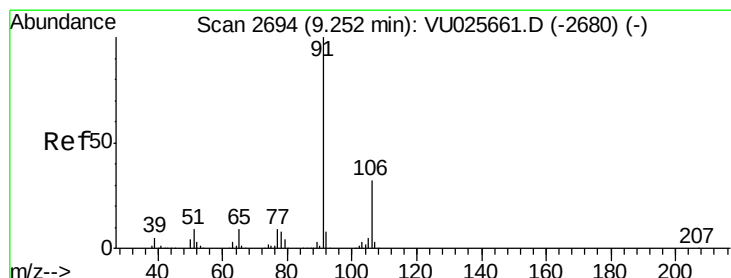
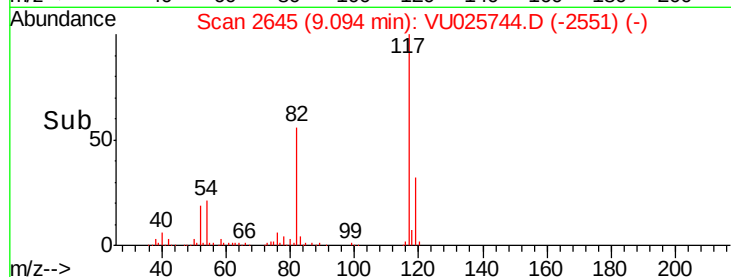
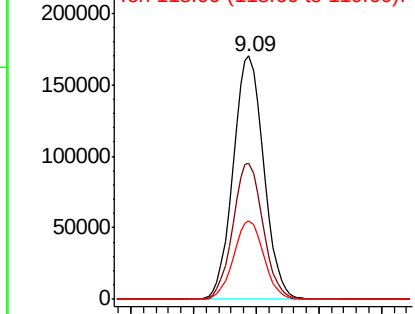
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025744.D
Acq: 31 Jul 2018 17:21

Instrument :
MSVOA_U
ClientSampleId :
SB-12(3-5)ME

Tot Ion:117 Resp: 288222
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 32.4 26.0 39.0

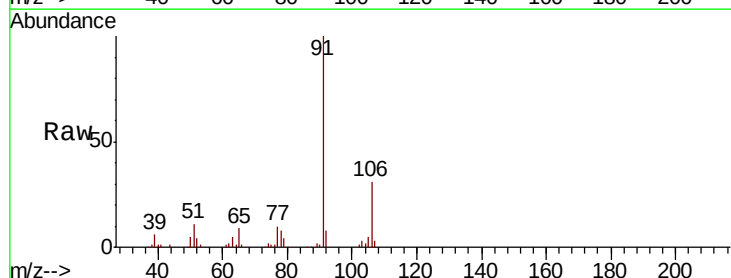


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

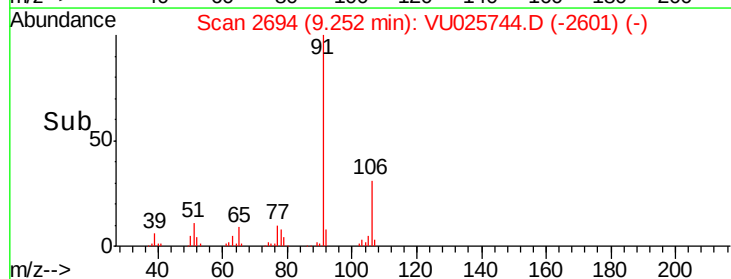
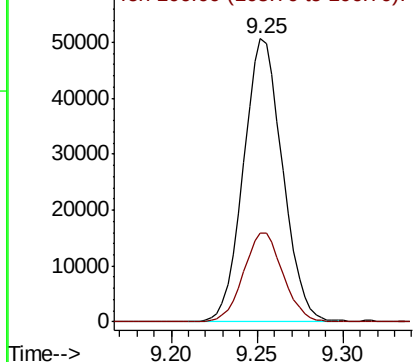


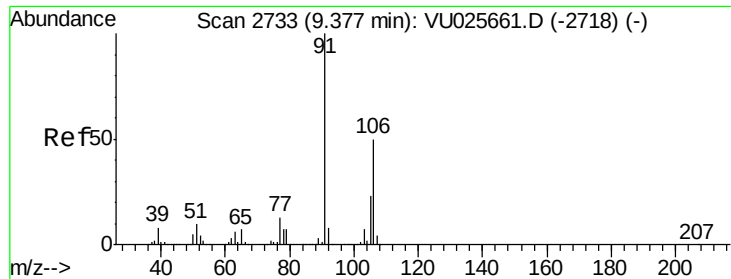
#67
Ethyl Benzene
Concen: 6.502 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025744.D
Acq: 31 Jul 2018 17:21

Tgt Ion: 91 Resp: 80031
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



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

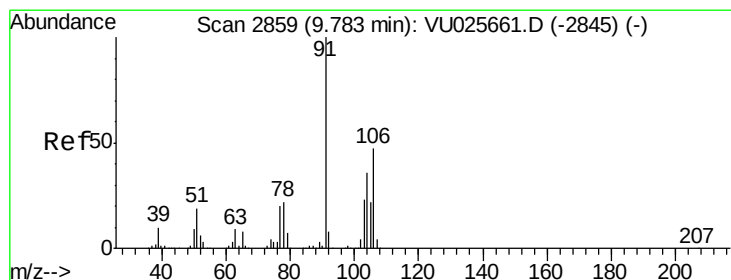
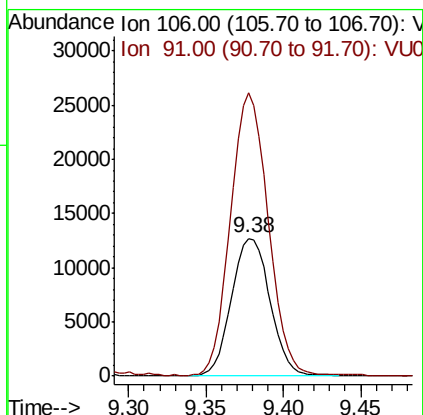
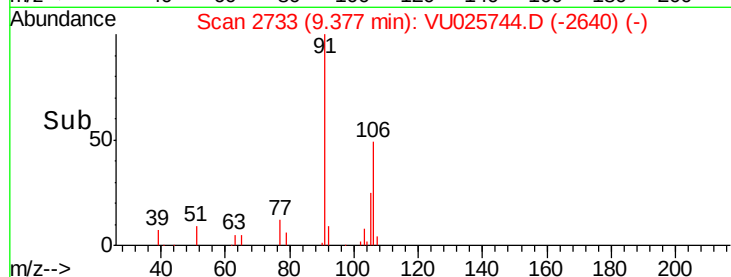
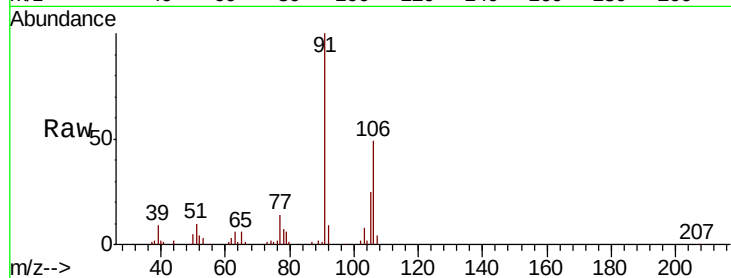




#68
m/p-Xylenes
Concen: 4.667 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025744.D
Acq: 31 Jul 2018 17:21

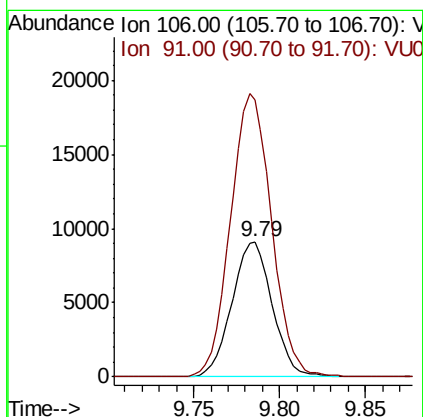
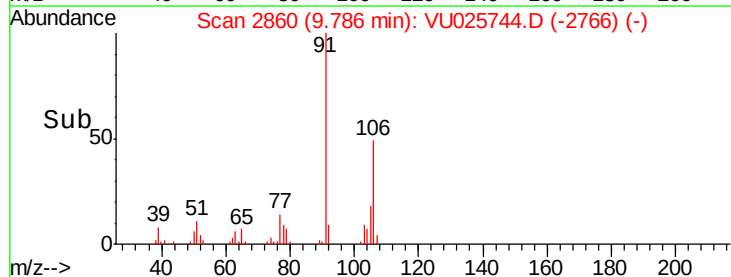
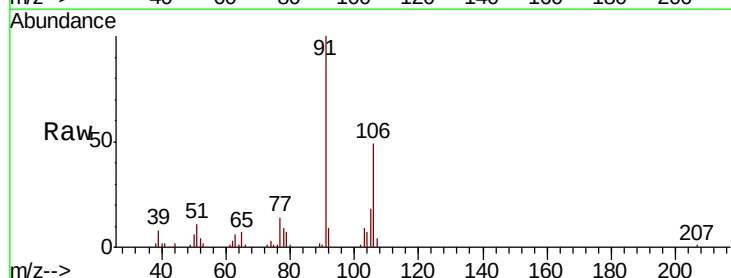
Instrument :
MSVOA_U
ClientSampleId :
SB-12(3-5)ME

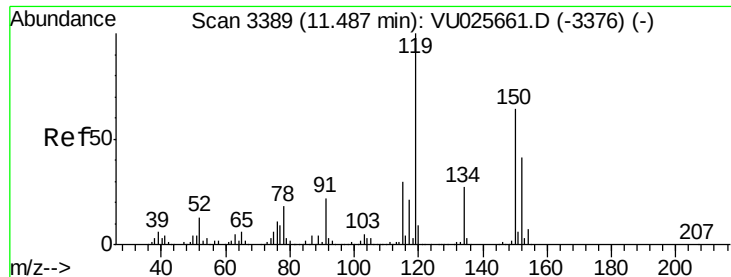
Tot Ion:106 Resp: 22056
Ion Ratio Lower Upper
106 100
91 200.5 162.3 243.5



#69
o-Xylene
Concen: 3.202 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025744.D
Acq: 31 Jul 2018 17:21

Tgt Ion:106 Resp: 14788
Ion Ratio Lower Upper
106 100
91 213.6 105.3 315.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025744.D

Acq: 31 Jul 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

SB-12(3-5)ME

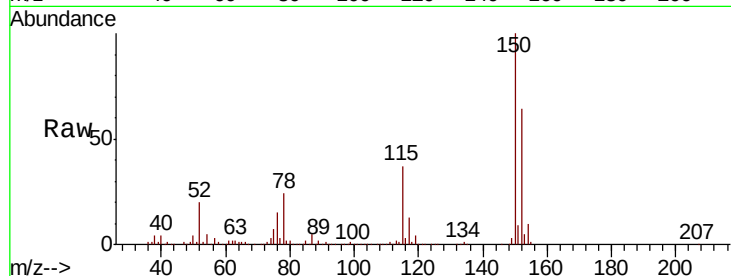
Tot Ion:152 Resp: 204268

Ion Ratio Lower Upper

152 100

115 56.5 40.1 120.3

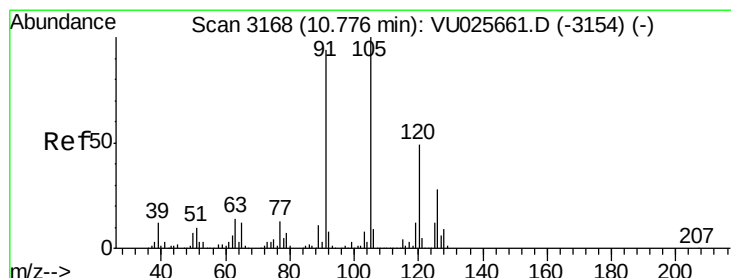
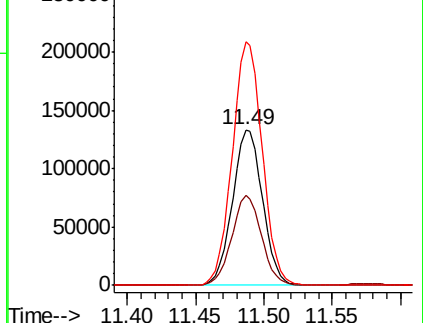
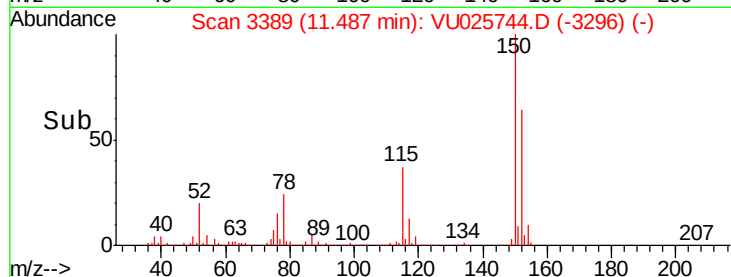
150 155.5 0.0 351.4



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



#80

1,3,5-Trimethylbenzene

Concen: 3.975 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025744.D

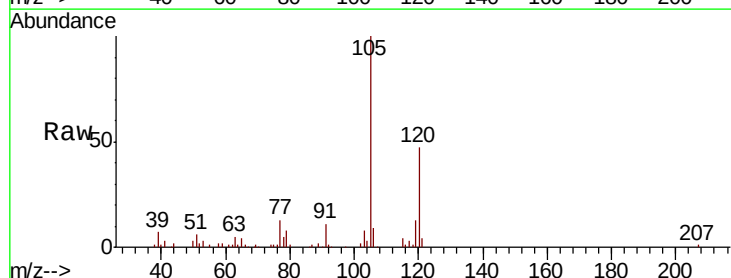
Acq: 31 Jul 2018 17:21

Tgt Ion:105 Resp: 47068

Ion Ratio Lower Upper

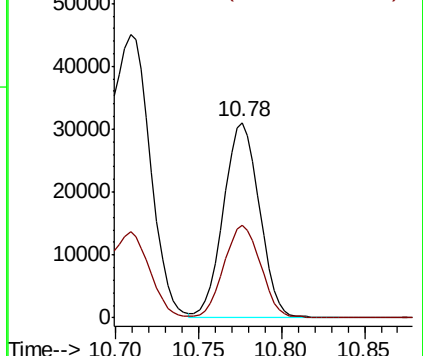
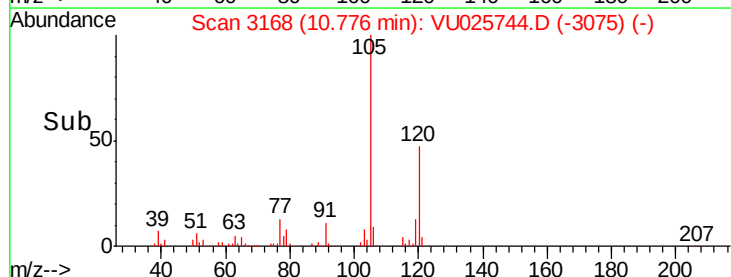
105 100

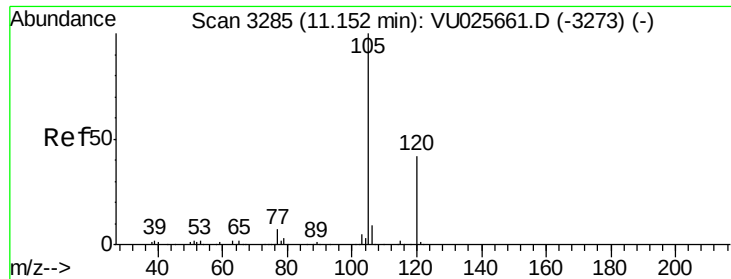
120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

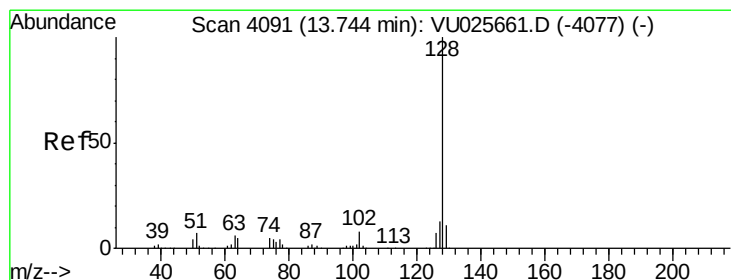
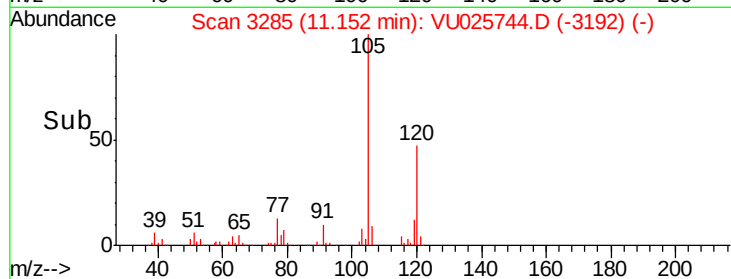
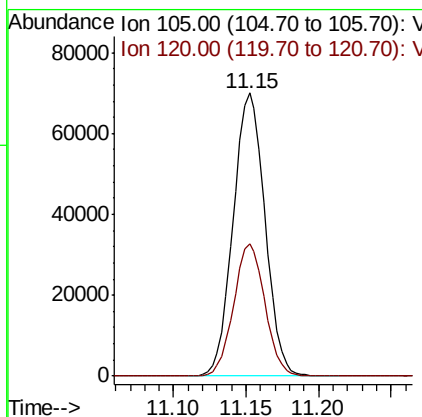
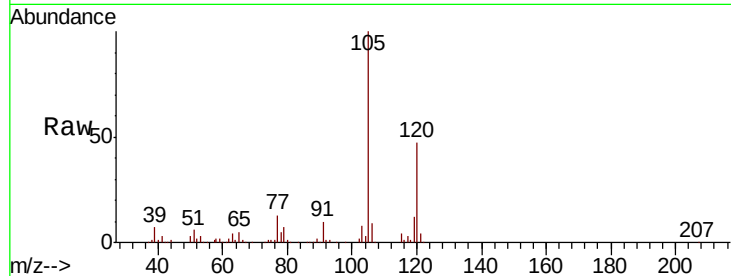




#84
 1,2,4-Trimethylbenzene
 Concen: 8.882 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025744.D
 Acq: 31 Jul 2018 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-12(3-5)ME

Tot Ion:105 Resp: 106569
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



#95
 Naphthalene
 Concen: 976.920 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025744.D
 Acq: 31 Jul 2018 17:21

Tgt Ion:128 Resp:15178365
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.5 15.7
 129 12.0 8.3 12.5

