

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027158.D
 Acq On : 26 Sep 2018 04:02
 Operator : MD/SY
 Sample : J5032-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

Quant Time: Sep 26 11:35:33 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	94154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157781	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73028	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	96454	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
35) Dibromofluoromethane	4.89	113	67069	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	7.57	98	256125	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	10.31	95	86354	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

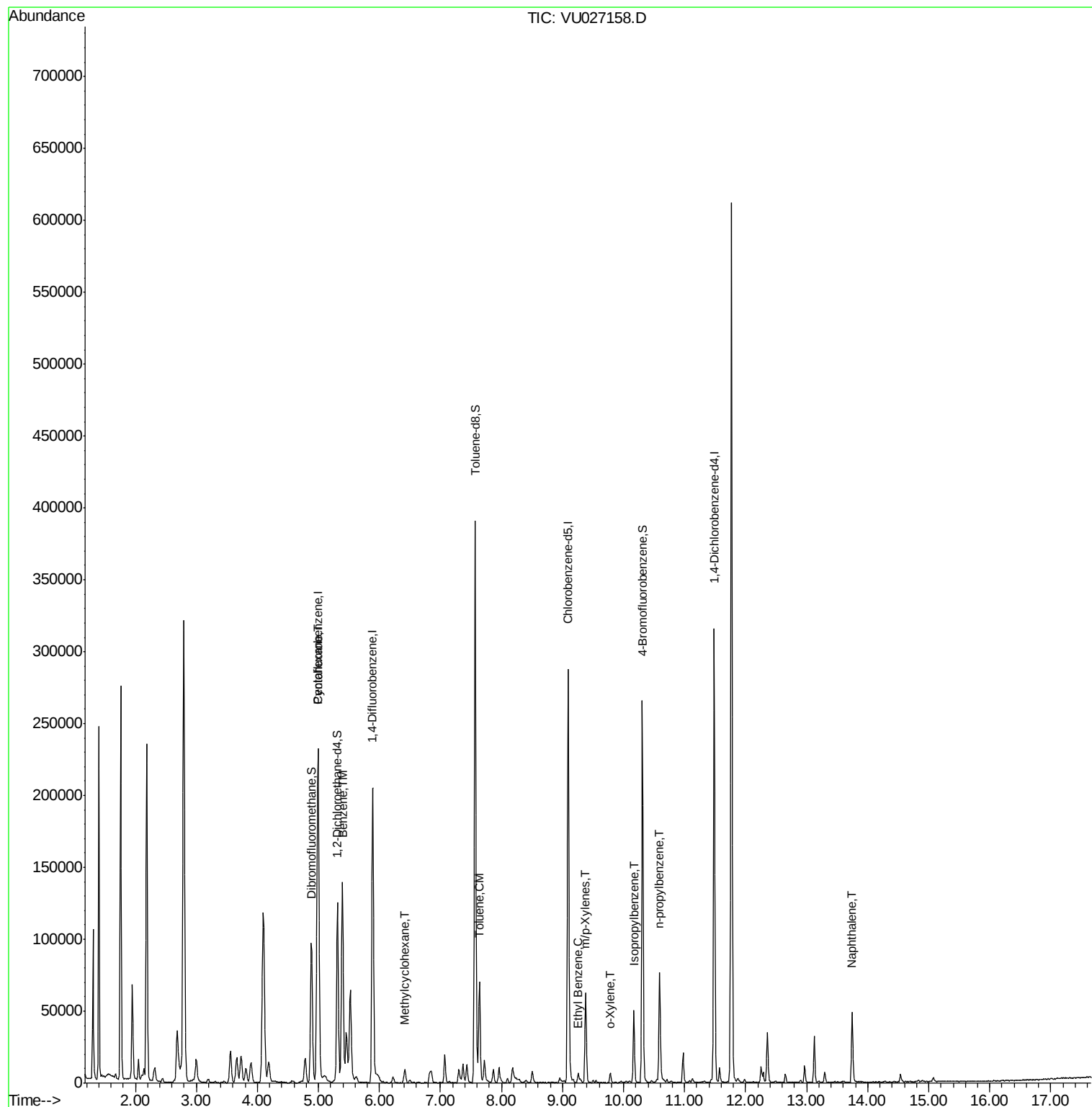
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	67702	23.668	ug/l	98
39) Methylcyclohexane	6.42	83	3206	1.401	ug/l	87
40) Benzene	5.39	78	129189	20.181	ug/l	99
52) Toluene	7.64	92	27182	7.408	ug/l	98
67) Ethyl Benzene	9.25	91	4902	0.746	ug/l	93
68) m/p-Xylenes	9.38	106	17332	7.919	ug/l	99
69) o-Xylene	9.78	106	1833	0.788	ug/l	95
73) Isopropylbenzene	10.17	105	30319	5.458	ug/l	98
78) n-propylbenzene	10.59	91	56740	8.632	ug/l	99
95) Naphthalene	13.75	128	38379	7.822	ug/l	99

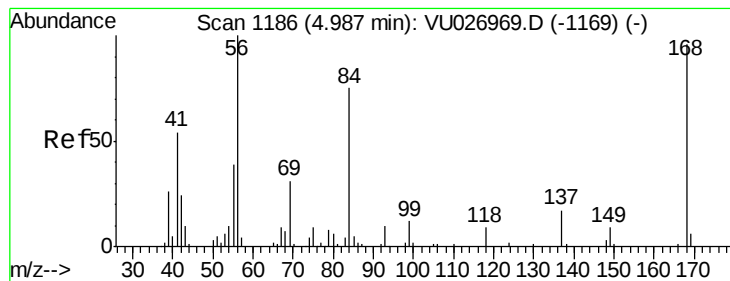
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

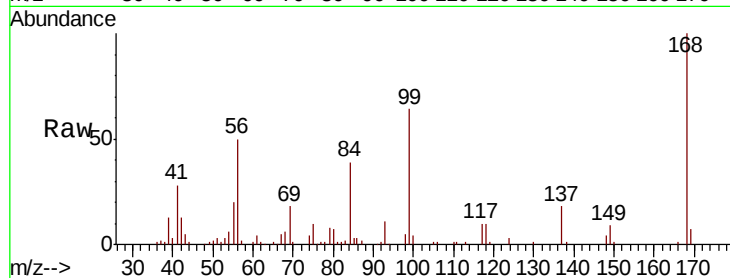
MW-10-092018

Tot Ion:168 Resp: 94154

Ion Ratio Lower Upper

168 100

99 63.6 48.1 72.1

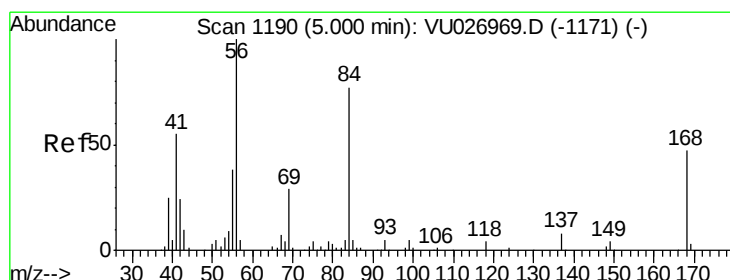
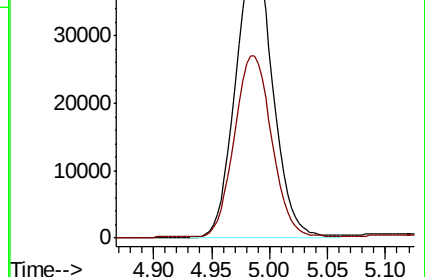
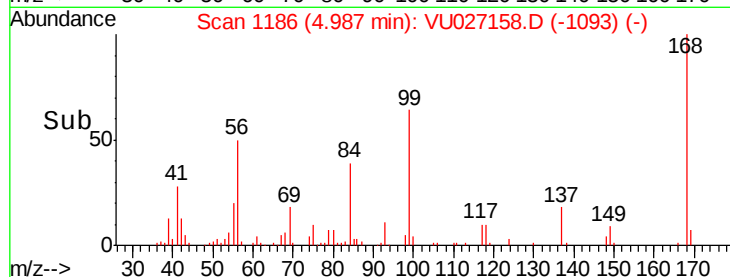


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->



#31

Cyclohexane

Concen: 23.668 ug/l

RT: 5.00 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

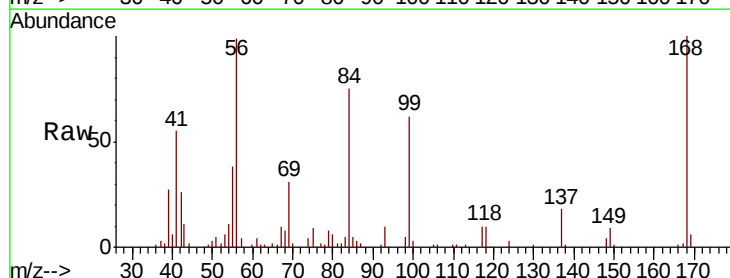
Tgt Ion: 56 Resp: 67702

Ion Ratio Lower Upper

56 100

69 30.9 23.0 34.4

84 76.2 61.4 92.2



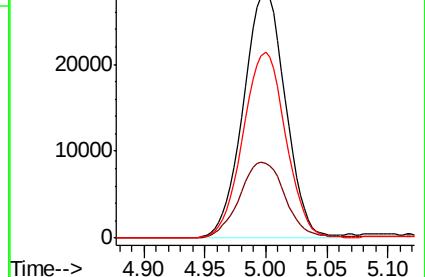
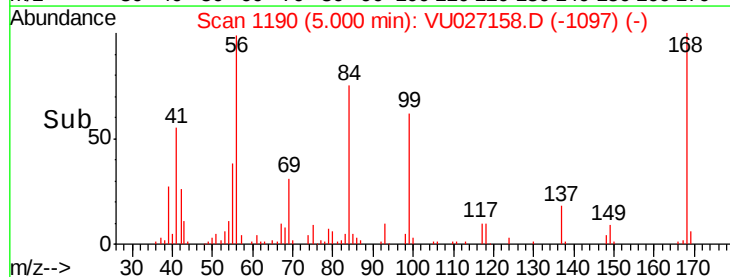
Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)

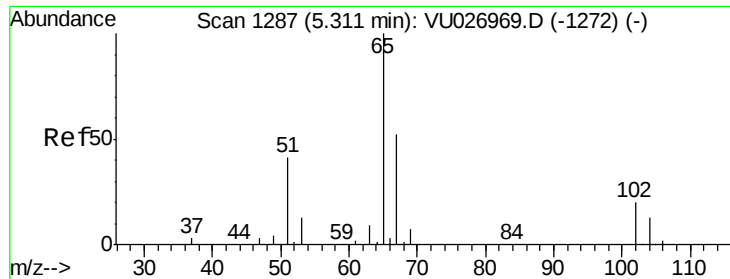
Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)

5.00

Time-->

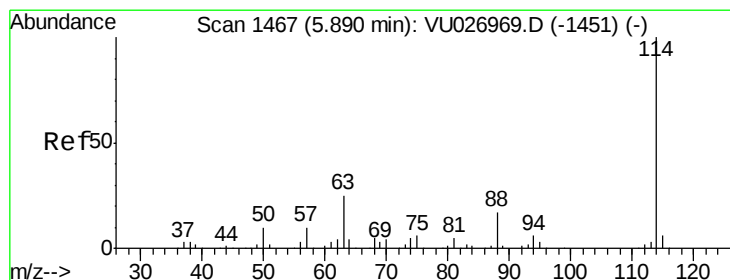
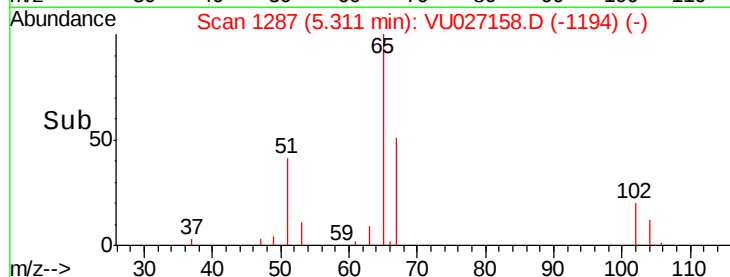
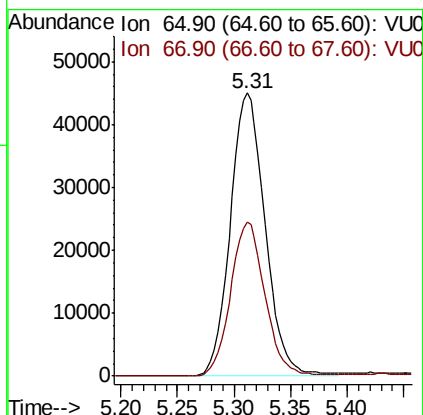
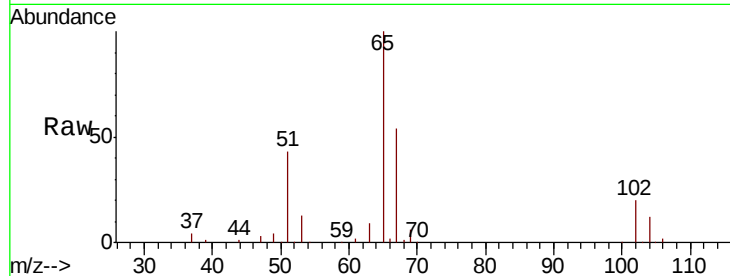




#33
 1,2-Dichloroethane-d4
 Concen: 50.899 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

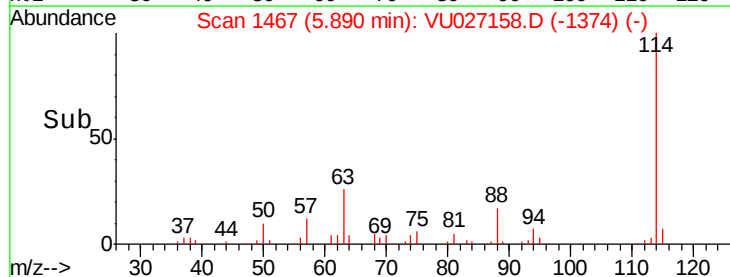
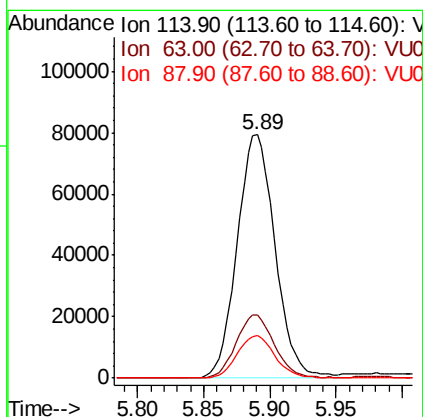
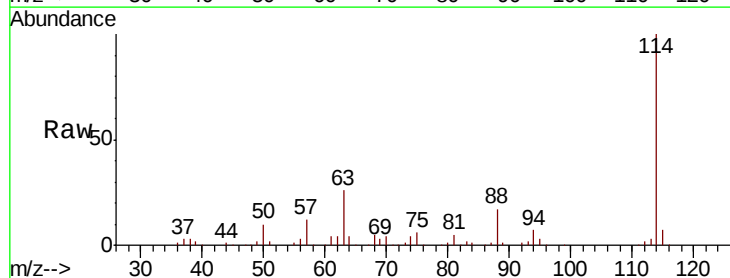
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

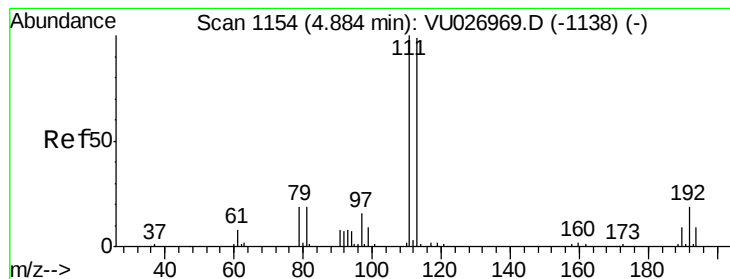
Tot Ion: 65 Resp: 96454
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

Tgt Ion: 114 Resp: 157781
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.040 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

MW-10-092018

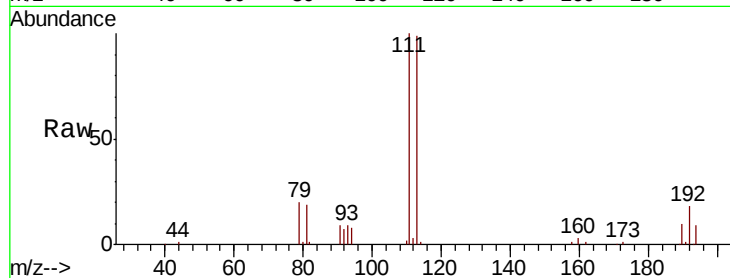
Tot Ion:113 Resp: 67069

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

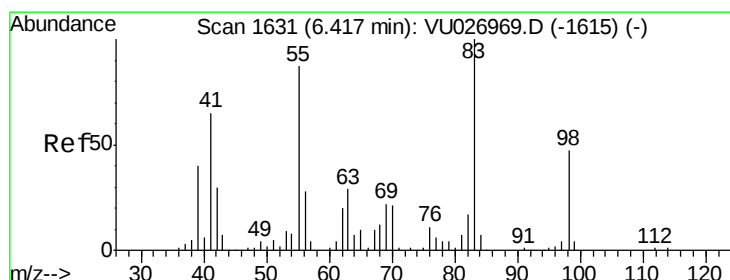
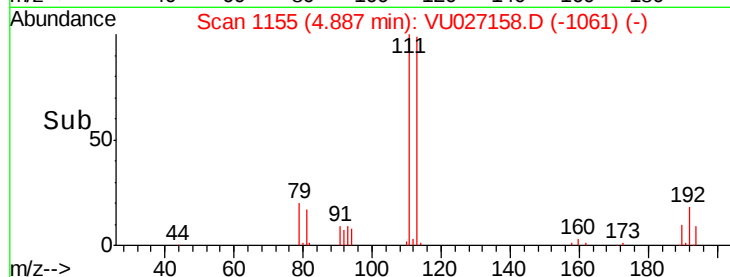
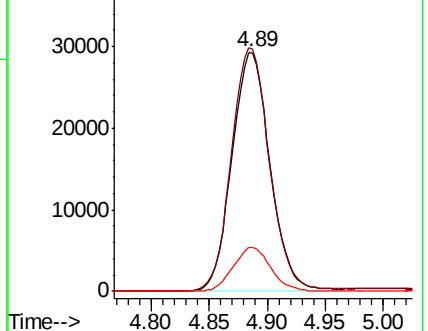
192 18.2 15.2 22.8



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



#39

Methylcyclohexane

Concen: 1.401 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

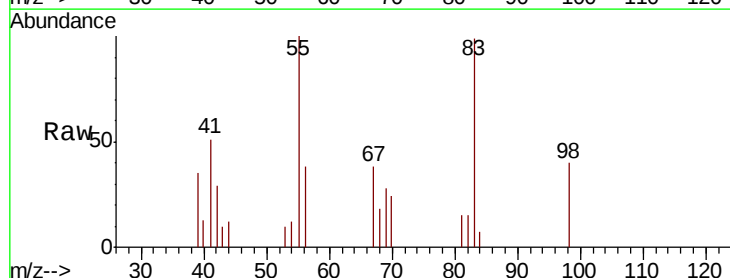
Tgt Ion: 83 Resp: 3206

Ion Ratio Lower Upper

83 100

55 101.3 69.9 104.9

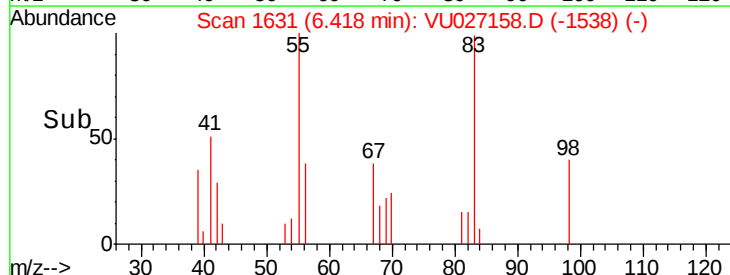
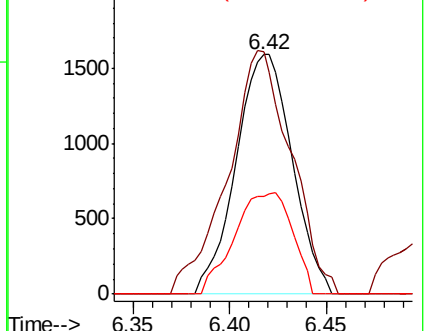
98 40.9 37.5 56.3

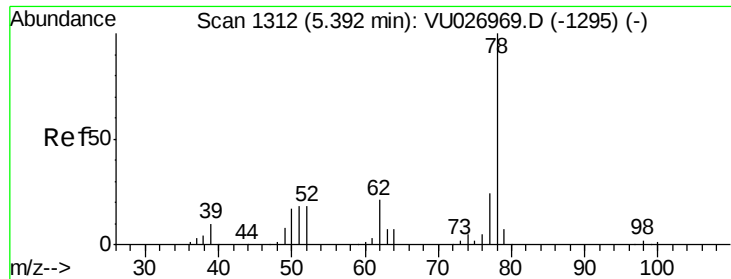


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 20.181 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

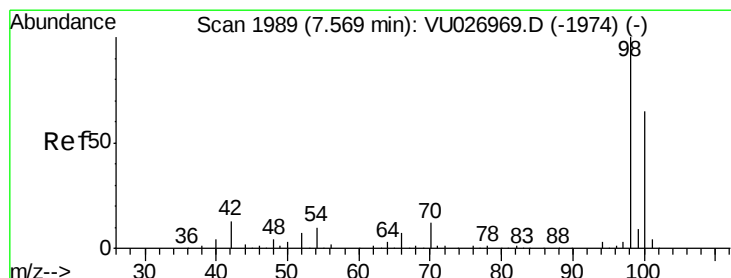
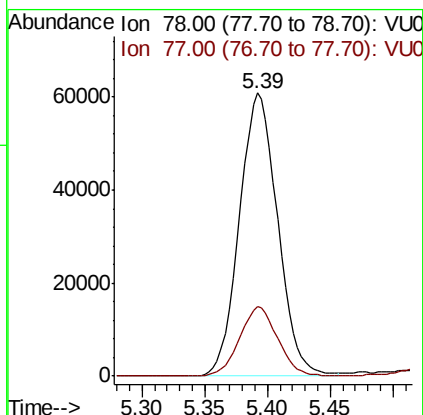
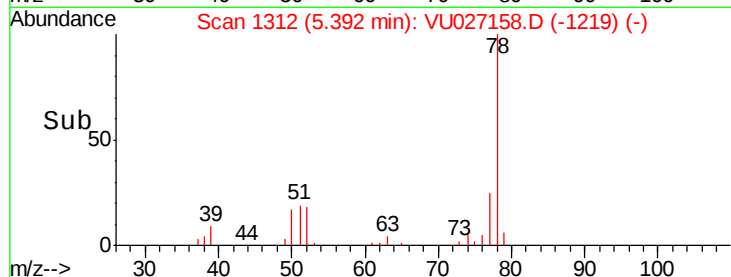
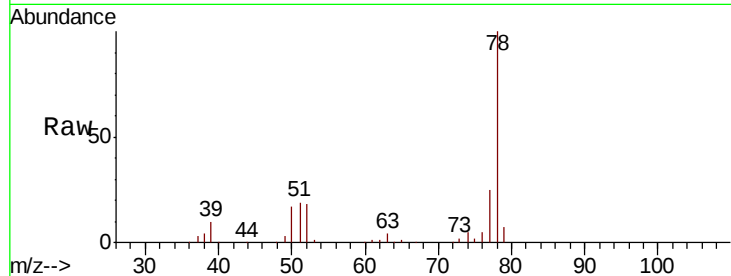
MW-10-092018

Tot Ion: 78 Resp: 129189

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0



#50

Toluene-d8

Concen: 49.140 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027158.D

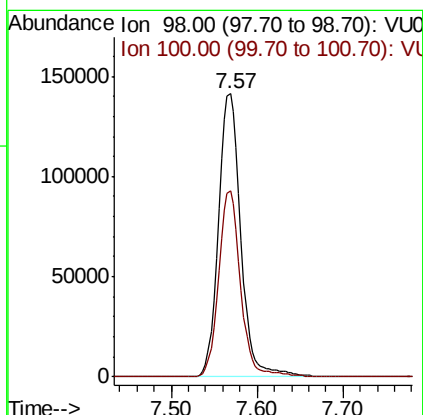
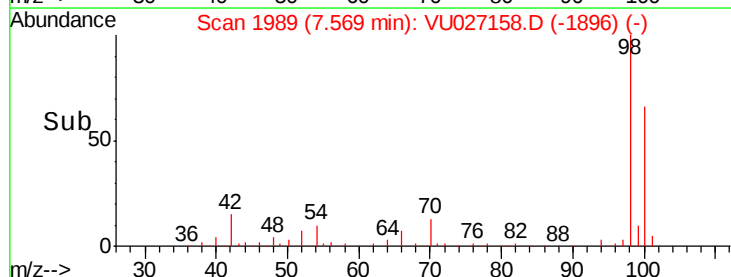
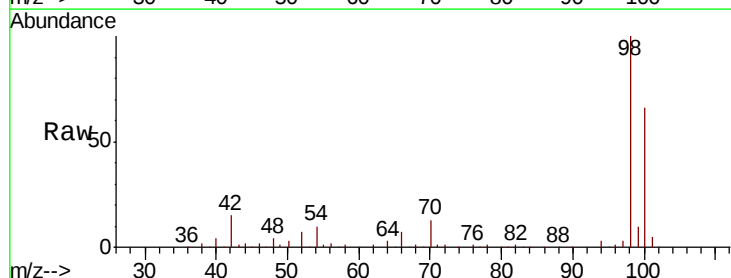
Acq: 26 Sep 2018 04:02

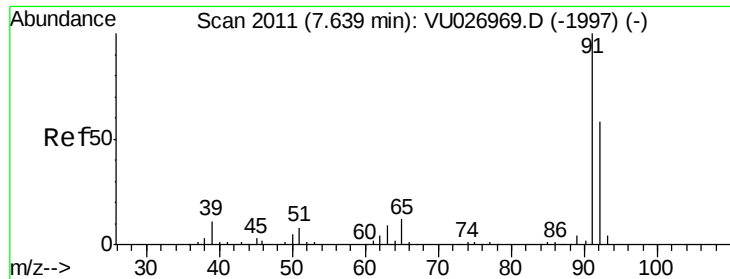
Tgt Ion: 98 Resp: 256125

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





#52

Toluene

Concen: 7.408 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

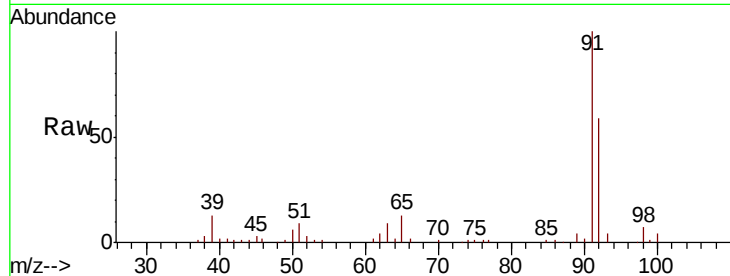
MW-10-092018

Tot Ion: 92 Resp: 27182

Ion Ratio Lower Upper

92 100

91 173.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

30000

25000

20000

15000

10000

5000

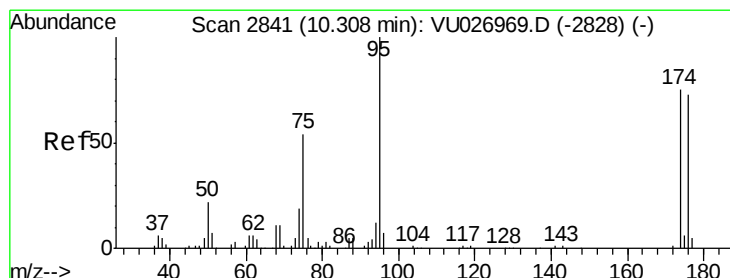
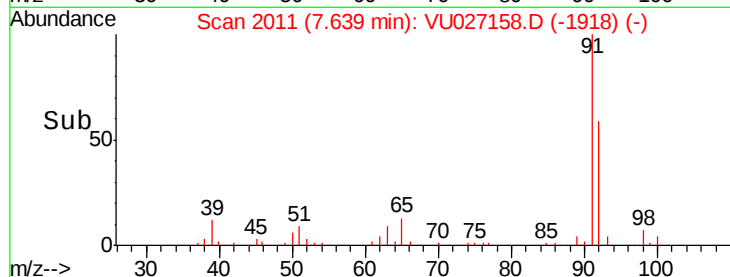
0

7.60

7.64

7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 48.284 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

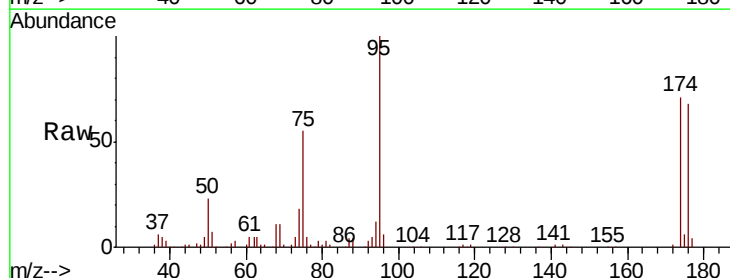
Tgt Ion: 95 Resp: 86354

Ion Ratio Lower Upper

95 100

174 72.3 0.0 150.2

176 69.7 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

60000

40000

20000

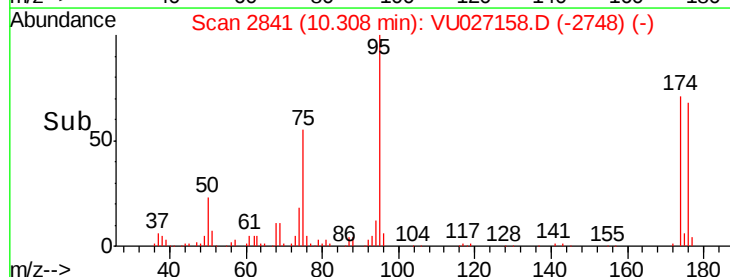
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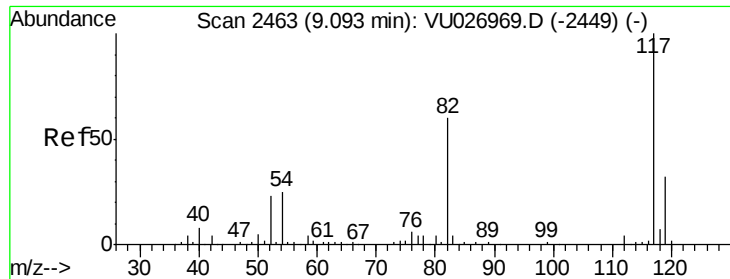
10.30

10.31

10.40

Time-->

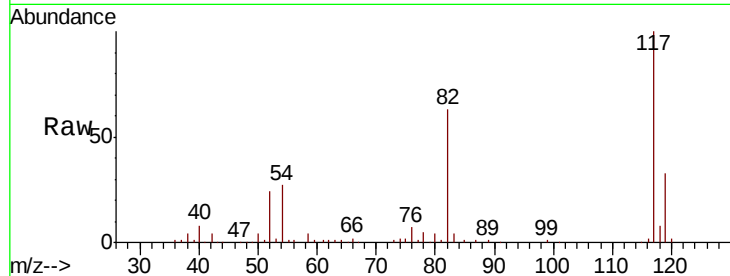




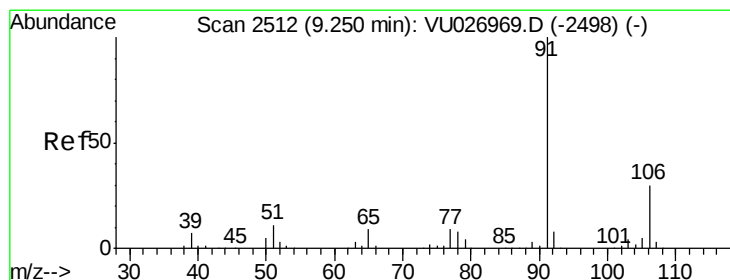
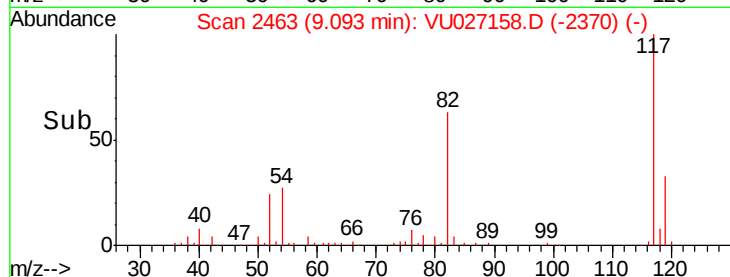
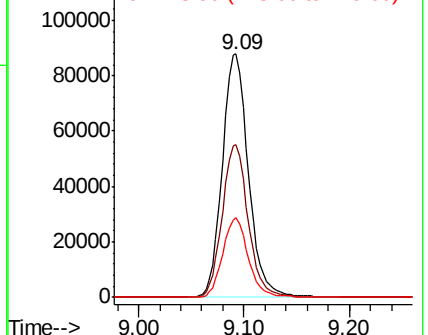
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

Tot Ion:117 Resp: 150639
Ion Ratio Lower Upper
117 100
82 62.8 48.0 72.0
119 32.6 25.8 38.8

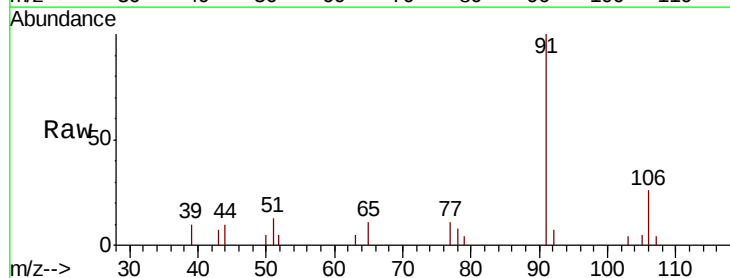


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

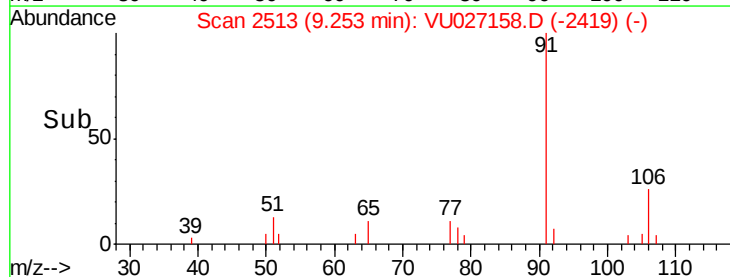
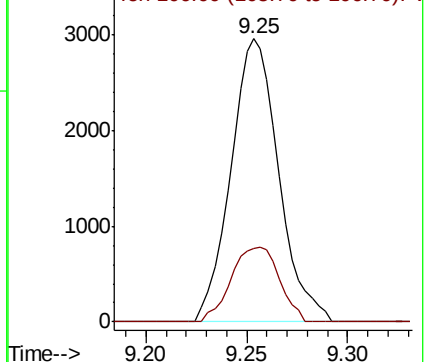


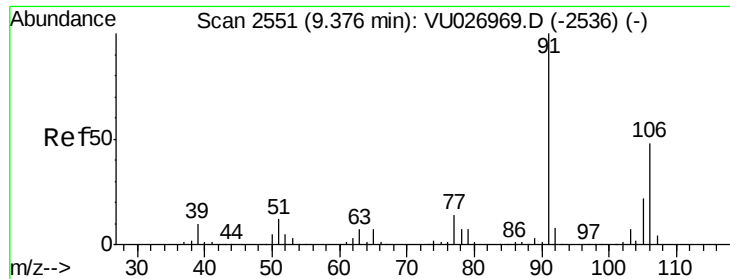
#67
Ethyl Benzene
Concen: 0.746 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion: 91 Resp: 4902
Ion Ratio Lower Upper
91 100
106 25.8 23.8 35.8



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

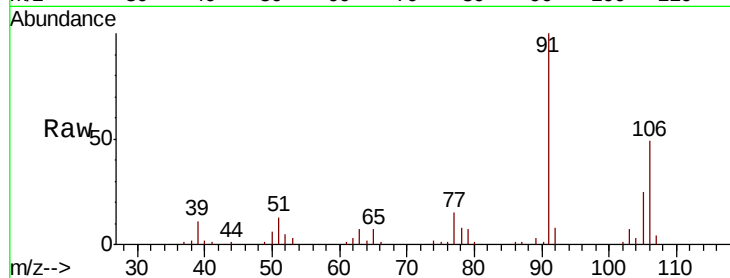




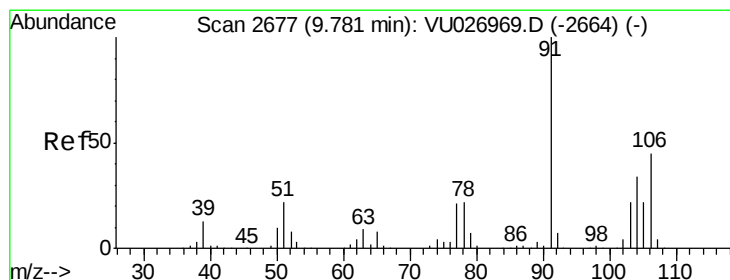
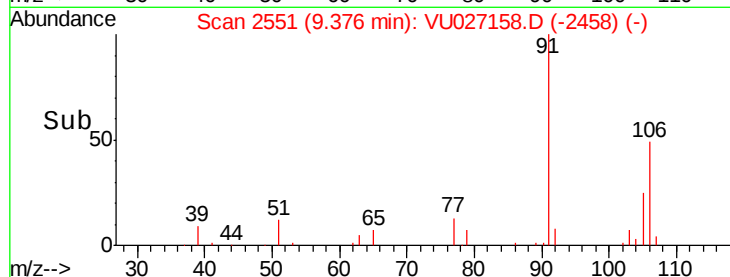
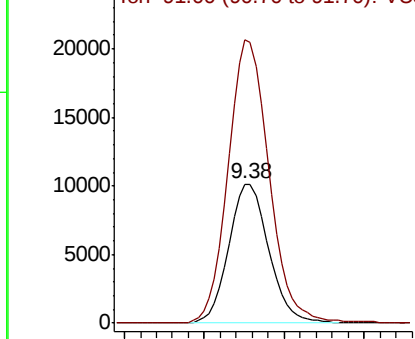
#68
m/p-Xylenes
Concen: 7.919 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

Tot Ion:106 Resp: 17332
Ion Ratio Lower Upper
106 100
91 207.3 166.5 249.7

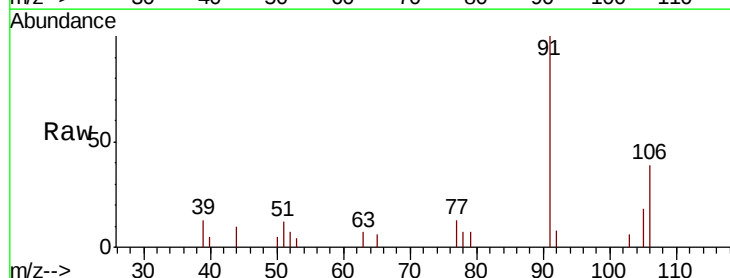


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

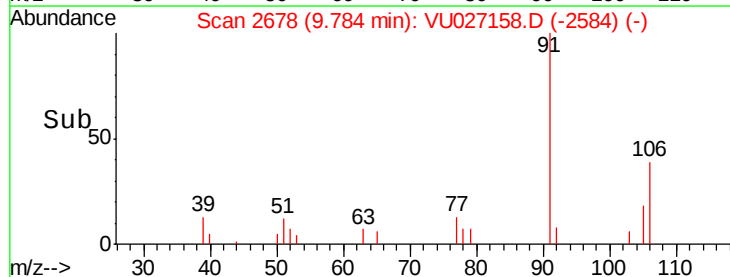
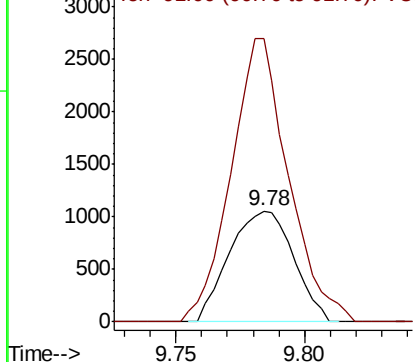


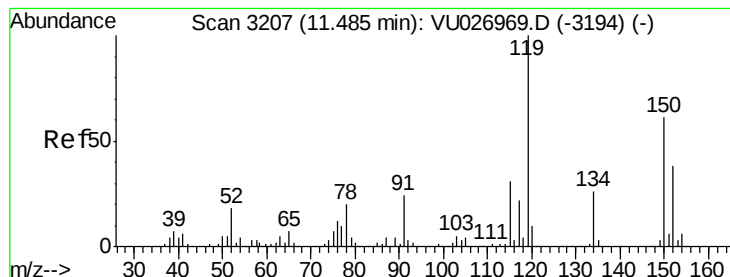
#69
o-Xylene
Concen: 0.788 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion:106 Resp: 1833
Ion Ratio Lower Upper
106 100
91 228.7 110.2 330.6



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: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

MW-10-092018

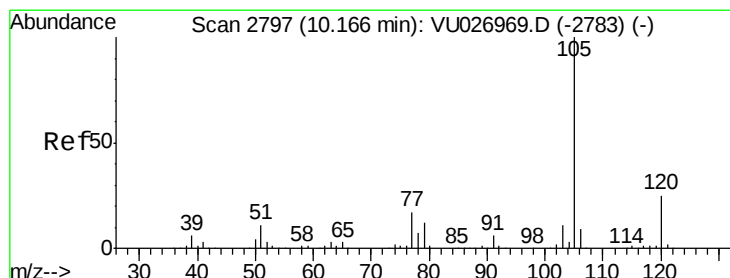
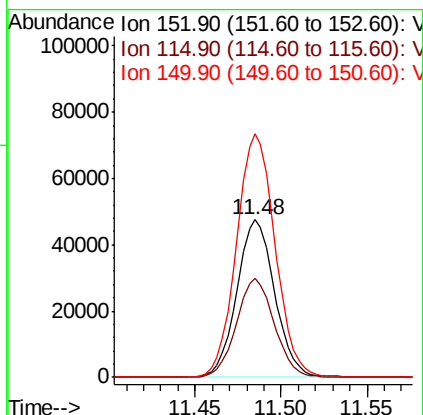
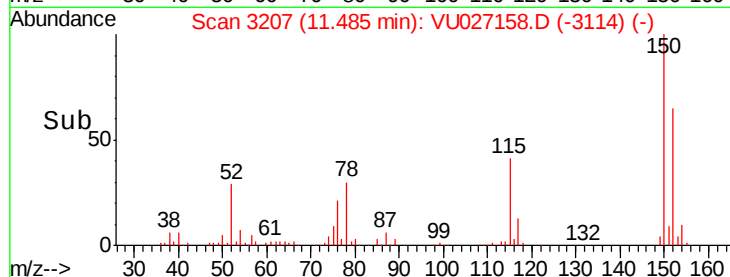
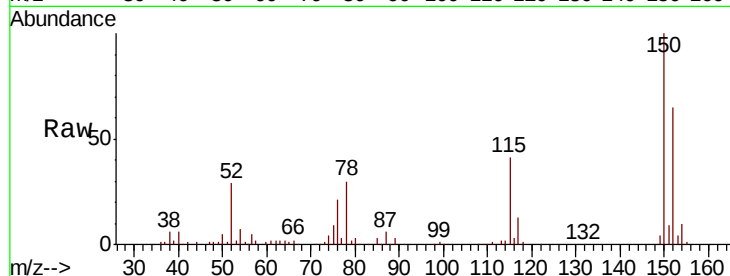
Tot Ion:152 Resp: 73028

Ion Ratio Lower Upper

152 100

115 62.8 44.9 134.5

150 157.6 0.0 355.8



#73

Isopropylbenzene

Concen: 5.458 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027158.D

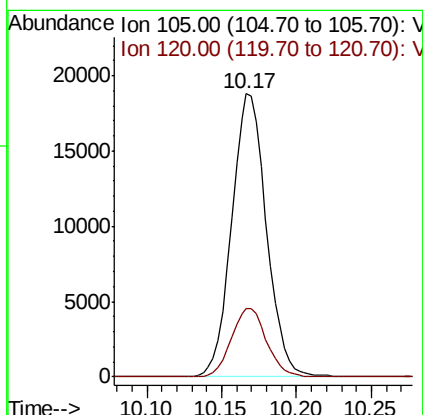
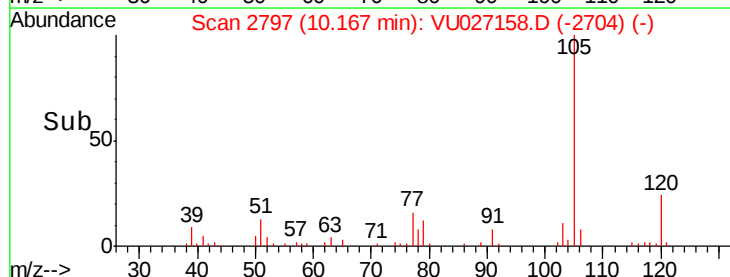
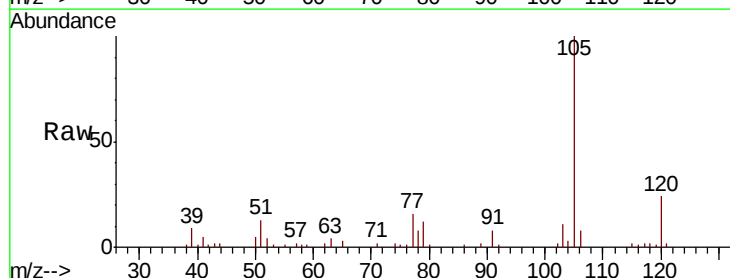
Acq: 26 Sep 2018 04:02

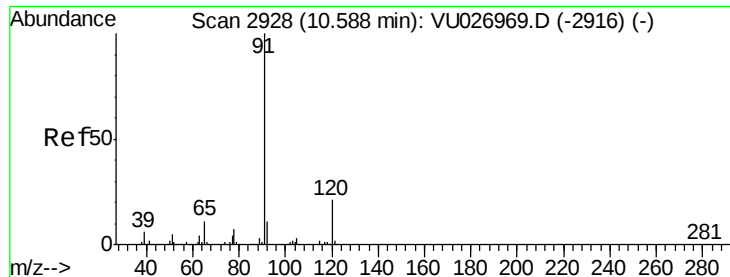
Tgt Ion:105 Resp: 30319

Ion Ratio Lower Upper

105 100

120 24.4 12.8 38.4





#78

n-propylbenzene

Concen: 8.632 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

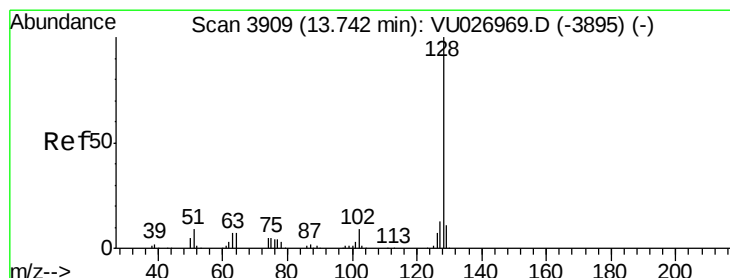
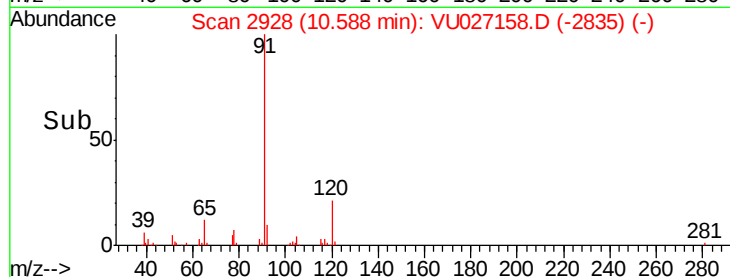
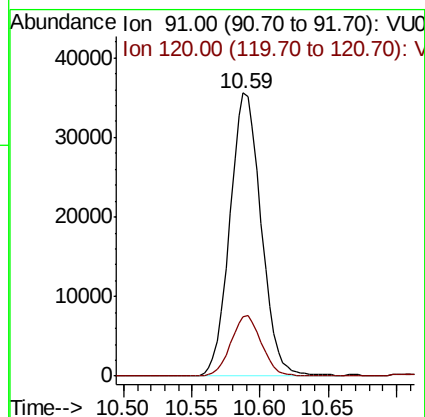
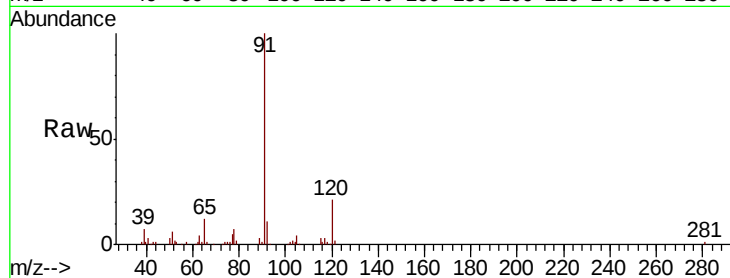
MW-10-092018

Tot Ion: 91 Resp: 56740

Ion Ratio Lower Upper

91 100

120 20.8 10.6 31.8



#95

Naphthalene

Concen: 7.822 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Tgt Ion: 128 Resp: 38379

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.0 8.6 12.8

