

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029165.D
 Acq On : 14 Jan 2019 15:01
 Operator : JC/SP
 Sample : K1139-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T-CONTAINMENT

Quant Time: Jan 14 23:39:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	139082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	244592	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	223121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94165	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.30	65	89627	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	4.88	113	77421	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	7.56	98	303432	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	10.30	95	97181	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	

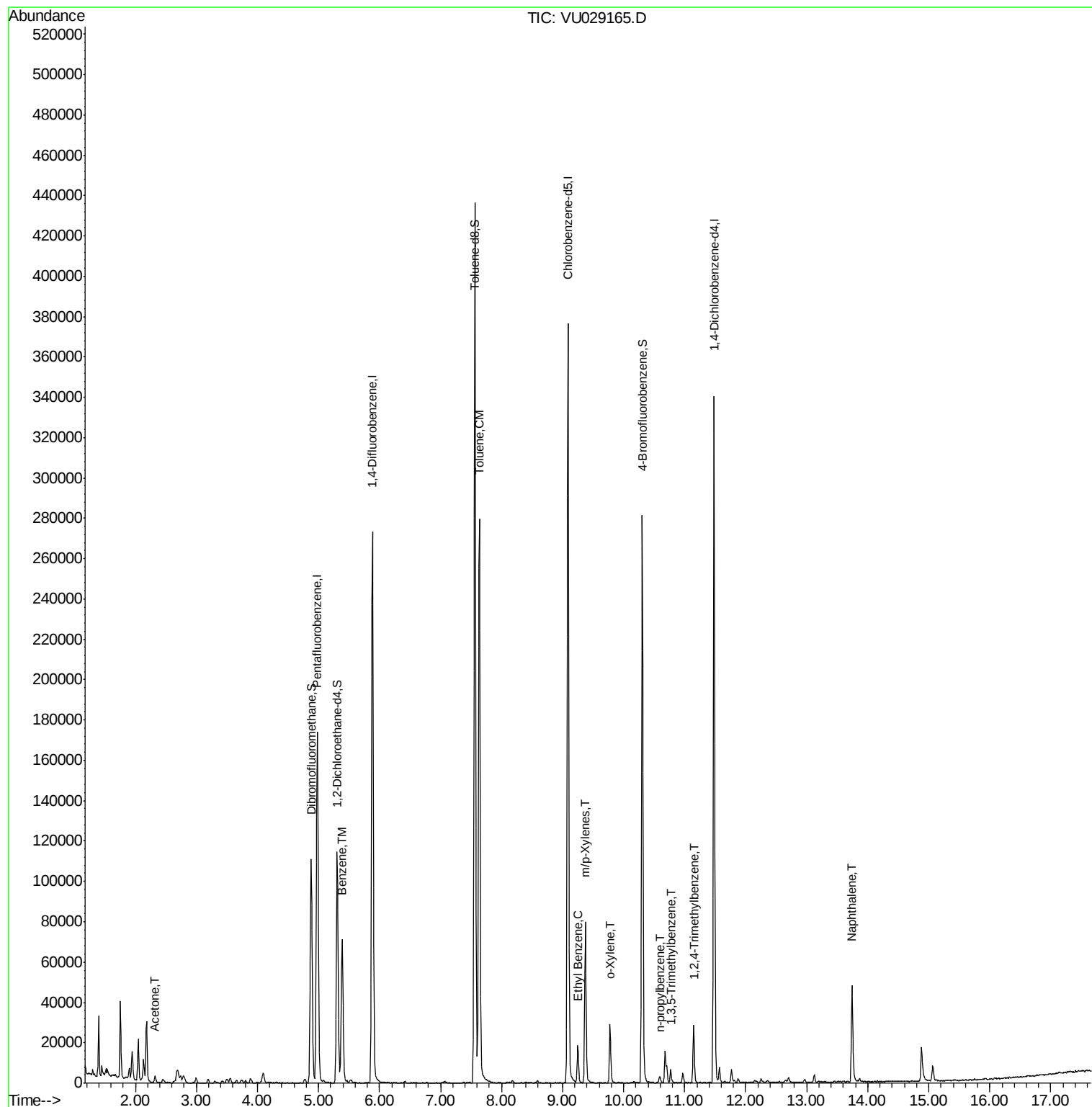
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	3158	2.916	ug/l	97
40) Benzene	5.39	78	72771	9.542	ug/l	99
52) Toluene	7.64	92	126400	27.227	ug/l	99
67) Ethyl Benzene	9.25	91	14931	1.788	ug/l	99
68) m/p-Xylenes	9.37	106	25002	7.706	ug/l	97
69) o-Xylene	9.78	106	8327	2.664	ug/l	95
78) n-propylbenzene	10.59	91	3341	0.407	ug/l	89
80) 1,3,5-Trimethylbenzene	10.77	105	4596	0.790	ug/l	93
84) 1,2,4-Trimethylbenzene	11.15	105	17411	2.996	ug/l	99
95) Naphthalene	13.74	128	45891	6.298	ug/l	98

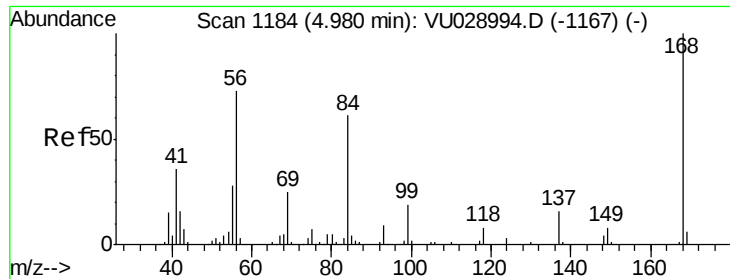
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 14 23:39:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029165.D

Acq: 14 Jan 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

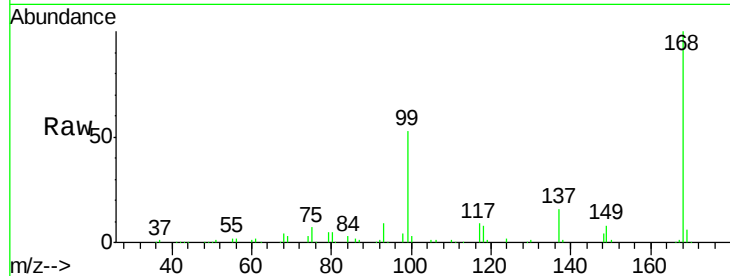
T-CONTAINMENT

Tot Ion:168 Resp: 139082

Ion Ratio Lower Upper

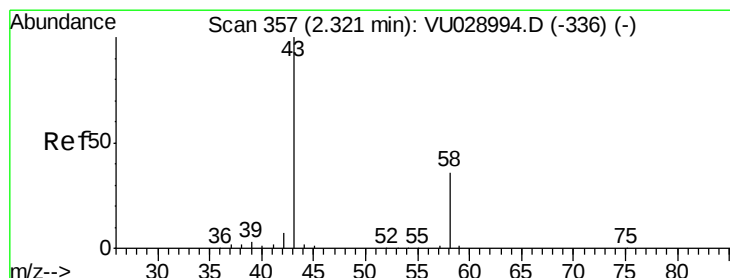
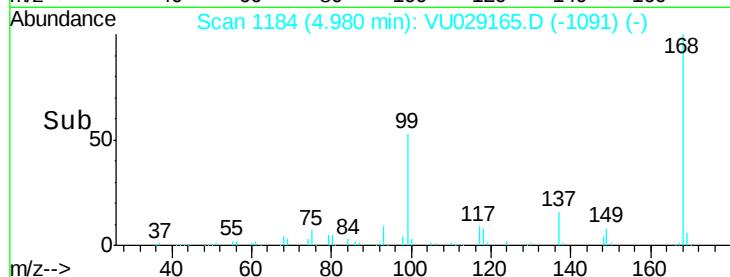
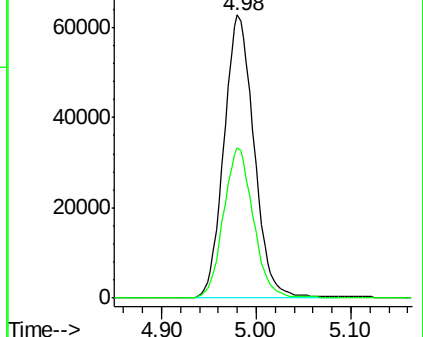
168 100

99 53.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 2.916 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029165.D

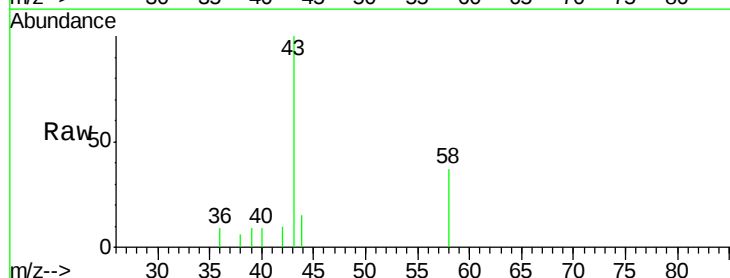
Acq: 14 Jan 2019 15:01

Tgt Ion: 43 Resp: 3158

Ion Ratio Lower Upper

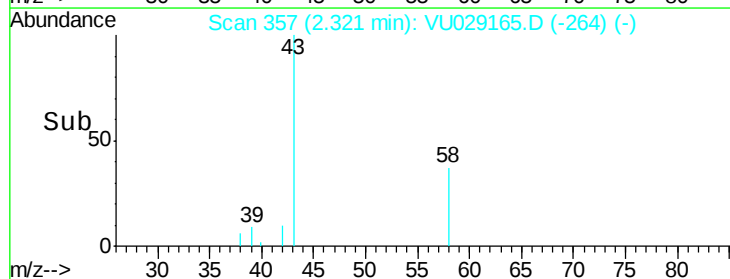
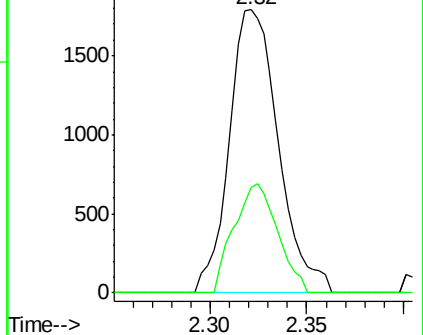
43 100

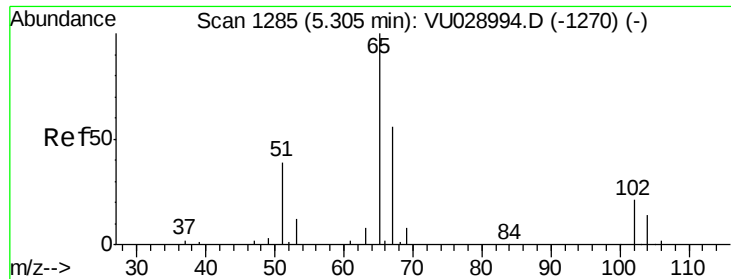
58 37.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

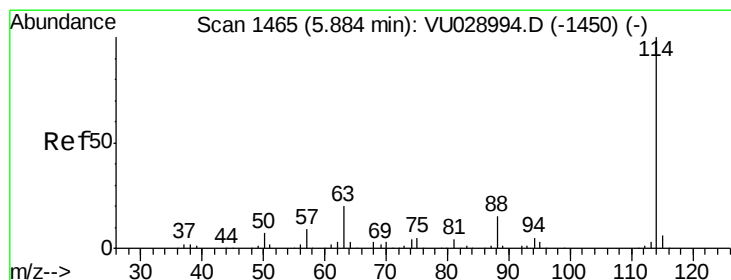
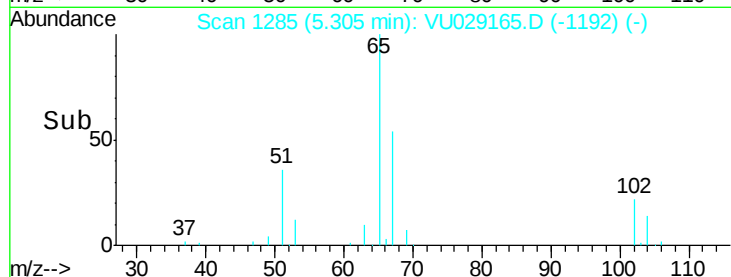
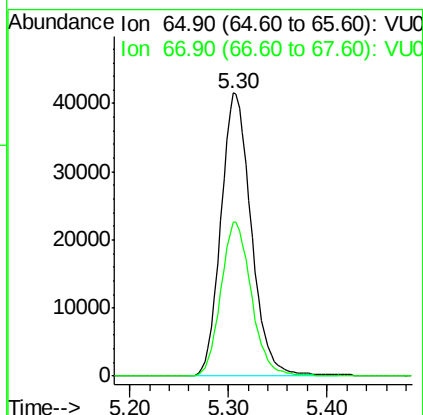
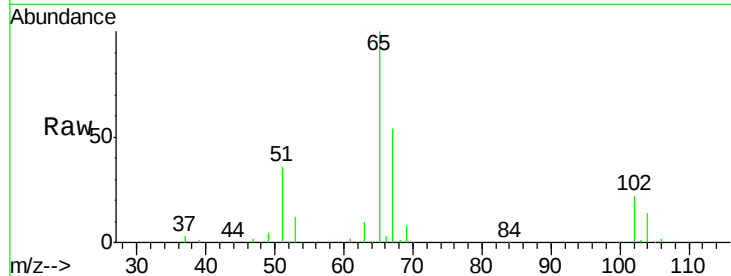




#33
 1,2-Dichloroethane-d4
 Concen: 52.129 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU029165.D
 Acq: 14 Jan 2019 15:01

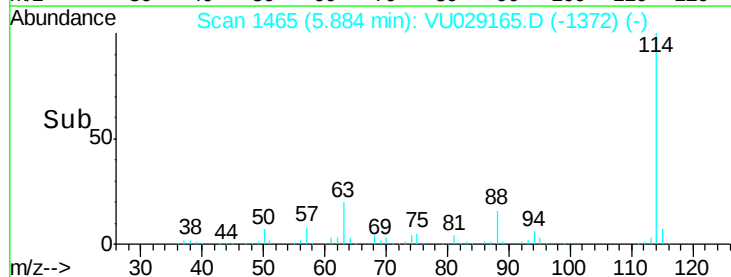
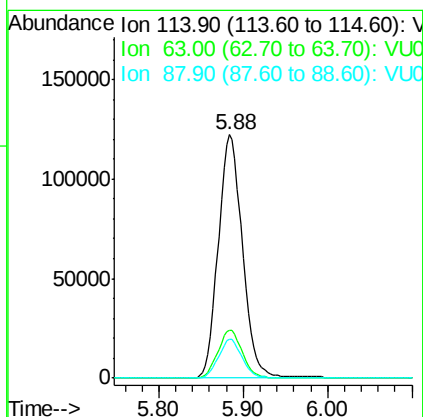
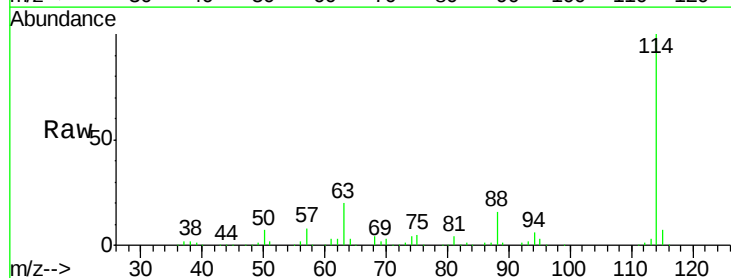
Instrument :
 MSVOA_U
 ClientSampleId :
 T-CONTAINMENT

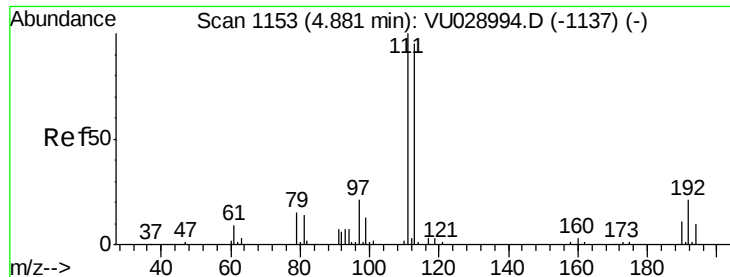
Tot Ion: 65 Resp: 89627
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029165.D
 Acq: 14 Jan 2019 15:01

Tgt Ion: 114 Resp: 244592
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 16.2 0.0 30.4

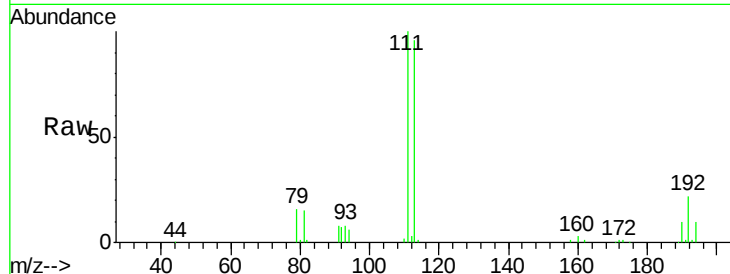




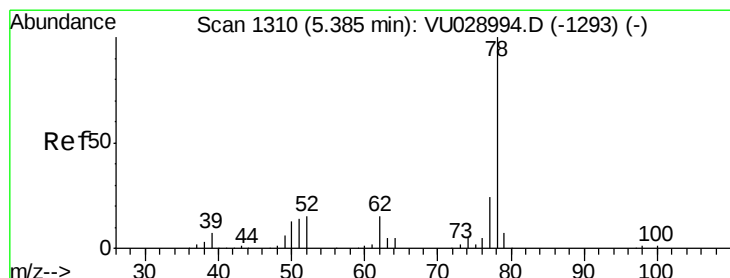
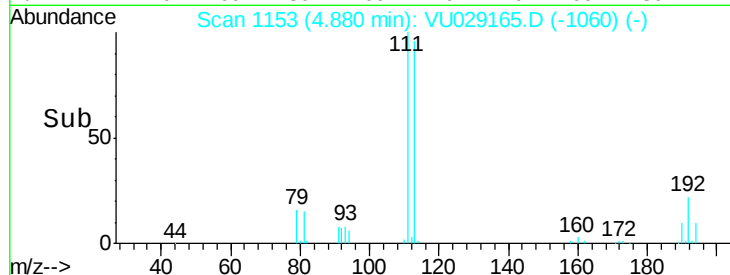
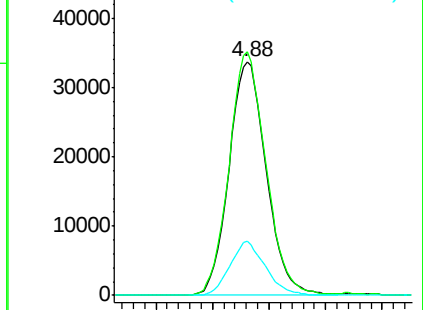
#35
 Dibromofluoromethane
 Concen: 48.830 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU029165.D
 Acq: 14 Jan 2019 15:01

Instrument :
 MSVOA_U
 ClientSampleId :
 T-CONTAINMENT

Tot Ion:113 Resp: 77421
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 21.9 16.8 25.2

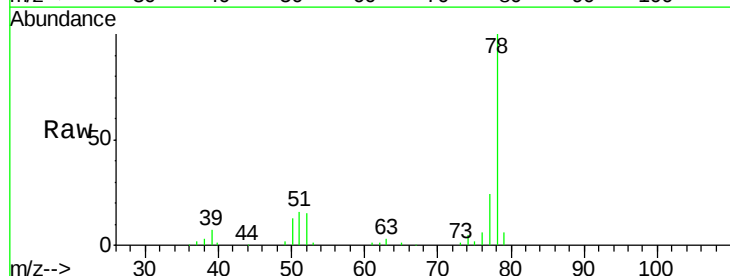


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

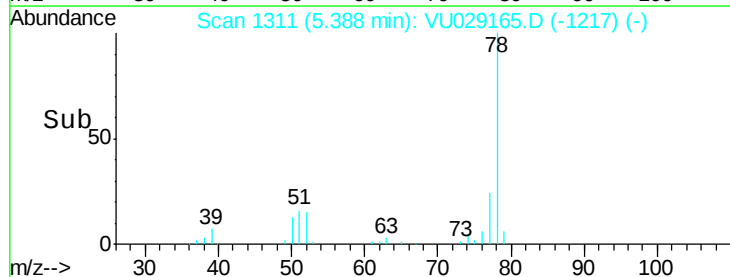
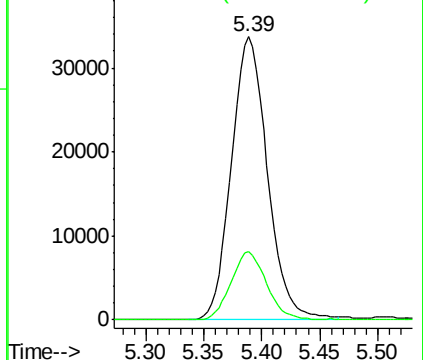


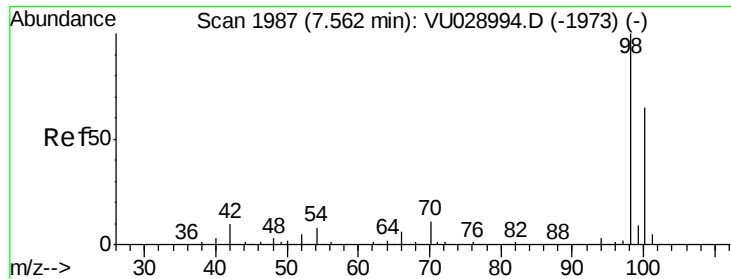
#40
 Benzene
 Concen: 9.542 ug/l
 RT: 5.39 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: VU029165.D
 Acq: 14 Jan 2019 15:01

Tgt Ion: 78 Resp: 72771
 Ion Ratio Lower Upper
 78 100
 77 24.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

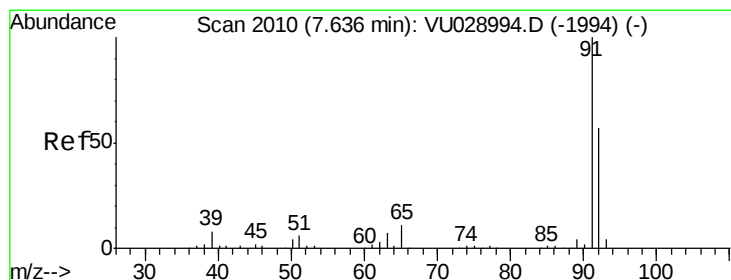
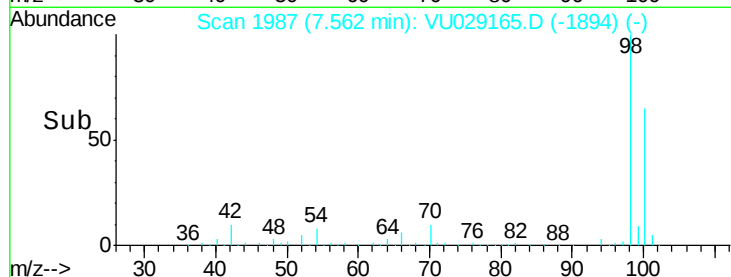
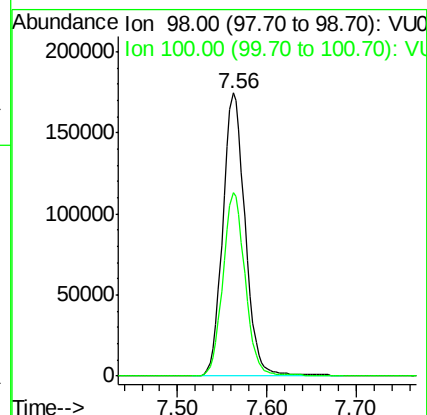
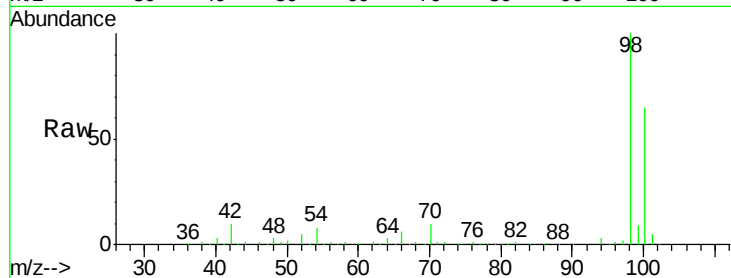




#50
Toluene-d8
Concen: 48.476 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029165.D
Acq: 14 Jan 2019 15:01

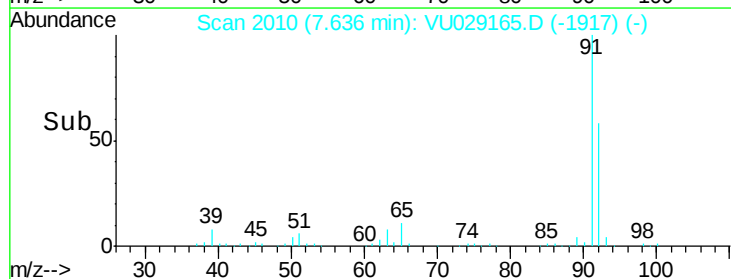
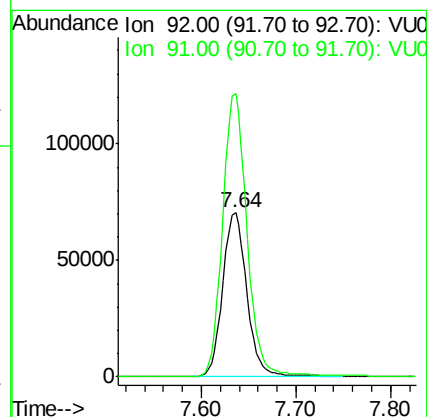
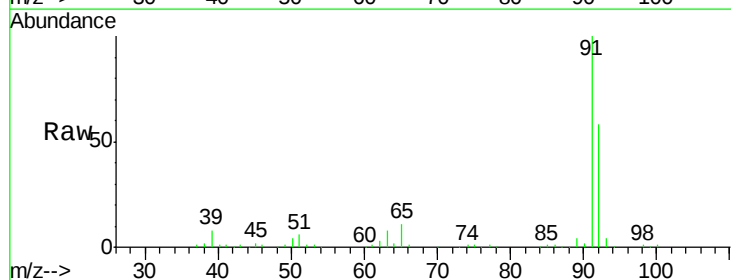
Instrument :
MSVOA_U
ClientSampleId :
T-CONTAINMENT

Tot Ion: 98 Resp: 303432
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#52
Toluene
Concen: 27.227 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU029165.D
Acq: 14 Jan 2019 15:01

Tgt Ion: 92 Resp: 126400
Ion Ratio Lower Upper
92 100
91 172.9 139.8 209.8





#62

4-Bromofluorobenzene

Concen: 43.201 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029165.D

Acq: 14 Jan 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

T-CONTAINMENT

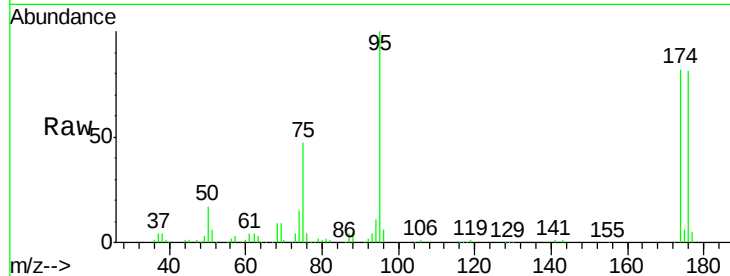
Tot Ion: 95 Resp: 97181

Ion Ratio Lower Upper

95 100

174 85.8 0.0 170.6

176 82.9 0.0 165.0

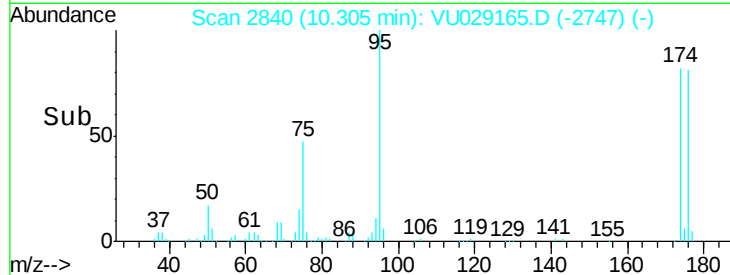


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

Time-->

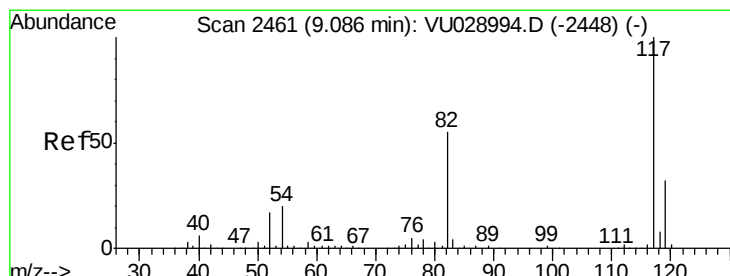


Abundance Ion 94.90 (94.60 to 95.60): VU029165.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU029165.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU029165.D (-2747) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VU029165.D

Acq: 14 Jan 2019 15:01

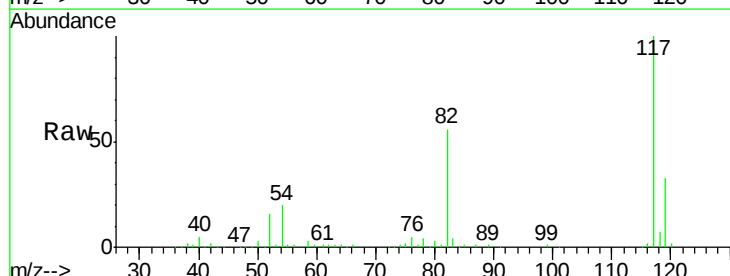
Tgt Ion: 117 Resp: 223121

Ion Ratio Lower Upper

117 100

82 56.1 43.9 65.9

119 32.7 26.0 39.0

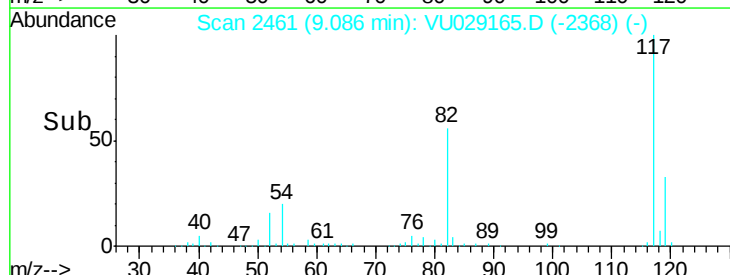


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

Time-->

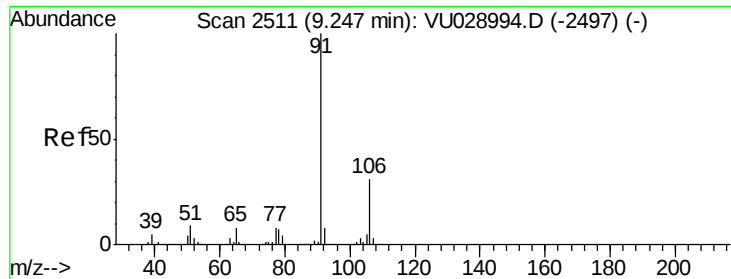


Abundance Ion 116.90 (116.60 to 117.60): VU029165.D (-2368) (-)

Ion 82.00 (81.70 to 82.70): VU029165.D (-2368) (-)

Ion 118.90 (118.60 to 119.60): VU029165.D (-2368) (-)

Time-->



#67

Ethyl Benzene

Concen: 1.788 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029165.D

Acq: 14 Jan 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

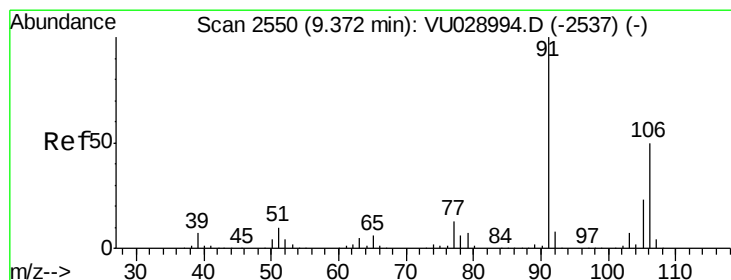
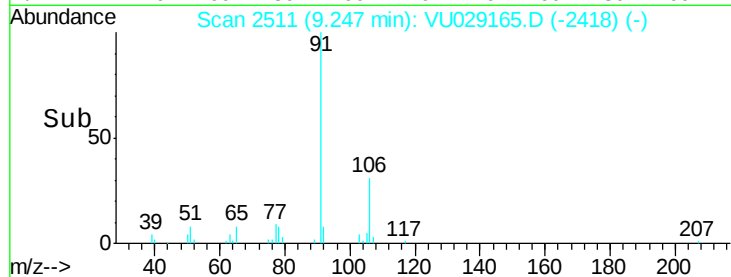
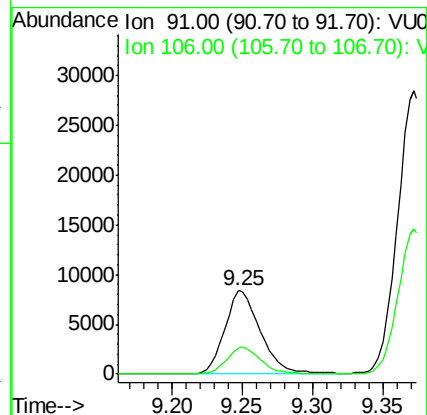
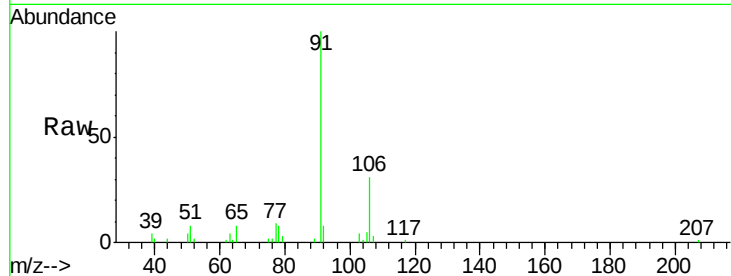
T-CONTAINMENT

Tot Ion: 91 Resp: 14931

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 7.706 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU029165.D

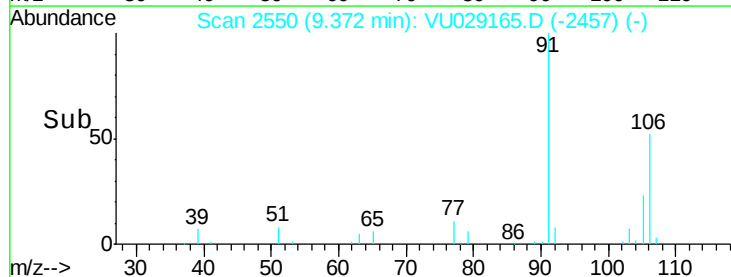
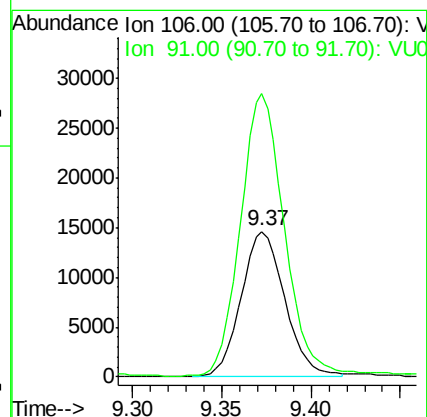
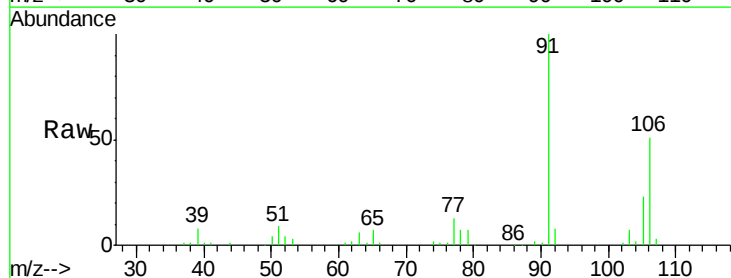
Acq: 14 Jan 2019 15:01

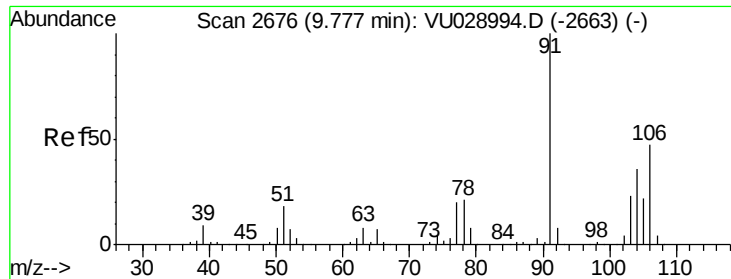
Tgt Ion: 106 Resp: 25002

Ion Ratio Lower Upper

106 100

91 197.5 161.7 242.5

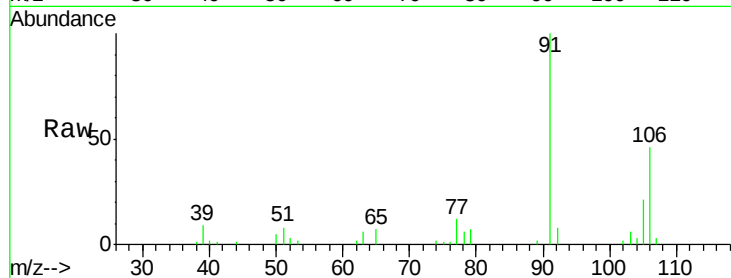




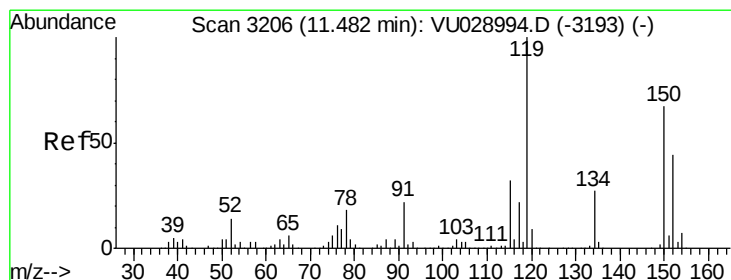
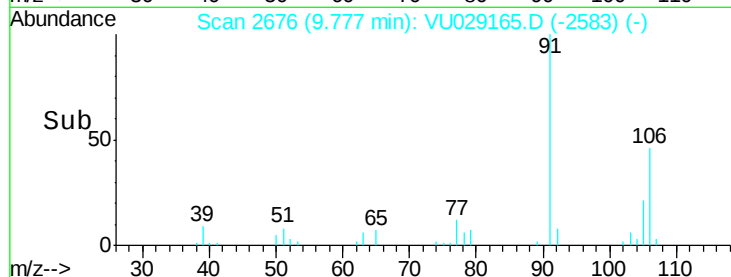
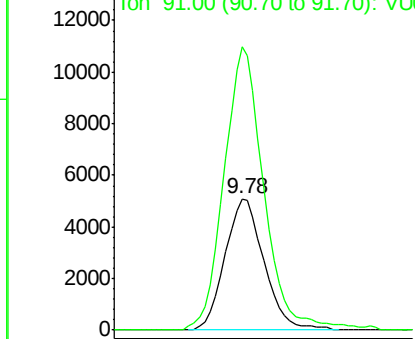
#69
o-Xylene
Concen: 2.664 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029165.D
Acq: 14 Jan 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
T-CONTAINMENT

Tot Ion:106 Resp: 8327
Ion Ratio Lower Upper
106 100
91 220.0 106.1 318.3

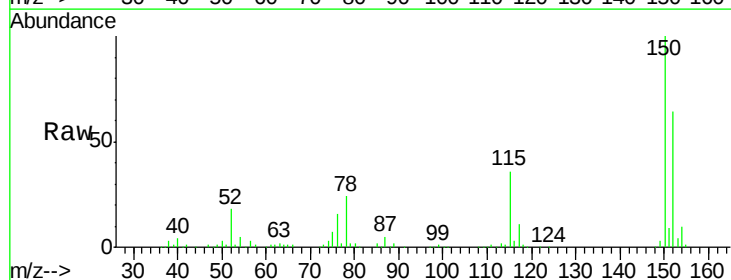


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

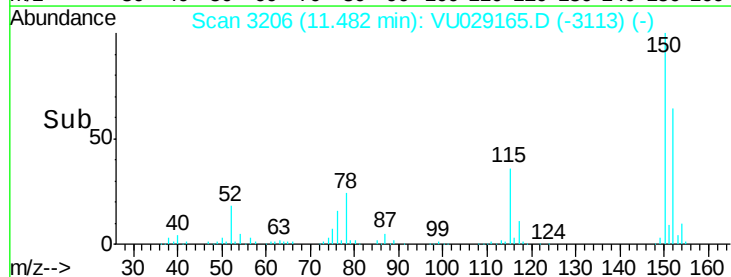
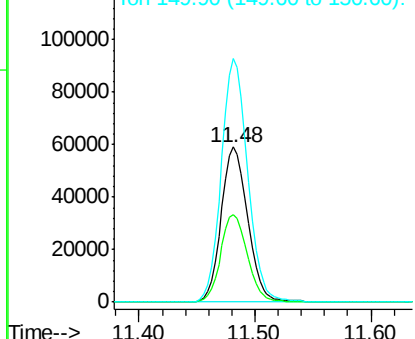


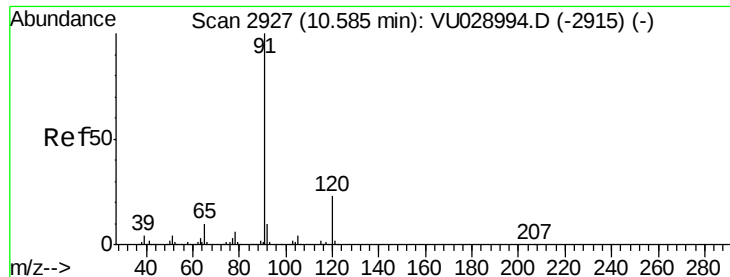
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029165.D
Acq: 14 Jan 2019 15:01

Tgt Ion:152 Resp: 94165
Ion Ratio Lower Upper
152 100
115 56.7 40.1 120.3
150 155.3 0.0 345.2



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: 0.407 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU029165.D

Acq: 14 Jan 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

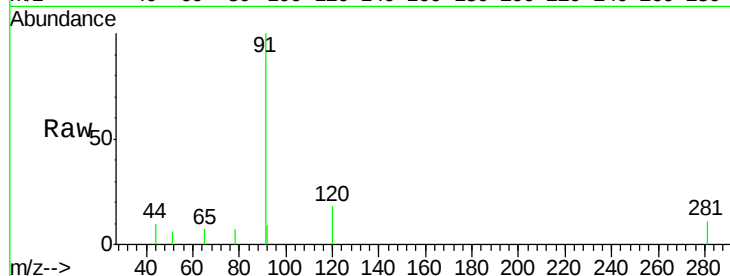
T-CONTAINMENT

Tot Ion: 91 Resp: 3341

Ion Ratio Lower Upper

91 100

120 17.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2915) (-)

Ion 120.00 (119.70 to 120.70): VU028994.D (-2915) (-)

10.59

2000

1500

1000

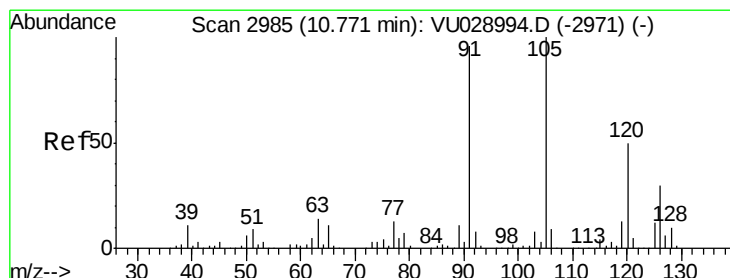
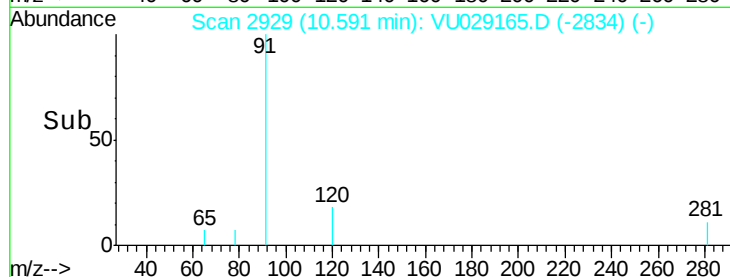
500

0

10.55

10.60

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.790 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU029165.D

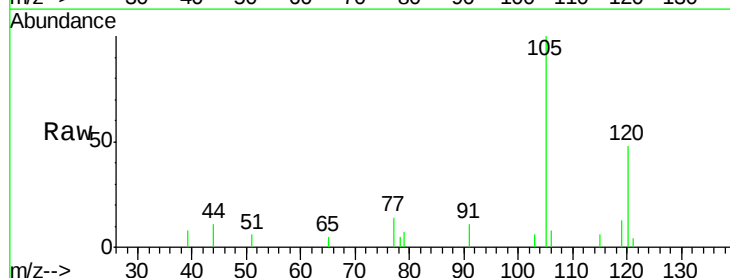
Acq: 14 Jan 2019 15:01

Tgt Ion: 105 Resp: 4596

Ion Ratio Lower Upper

105 100

120 44.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028994.D (-2971) (-)

Ion 120.00 (119.70 to 120.70): VU028994.D (-2971) (-)

10.77

4000

3000

2000

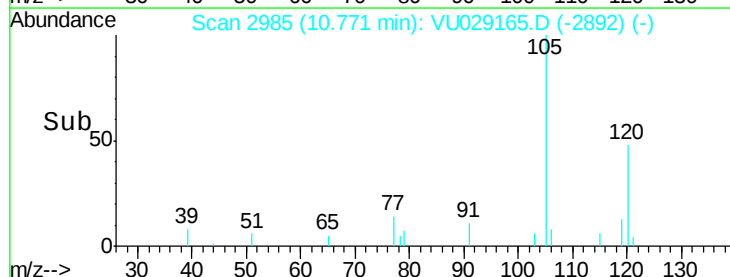
1000

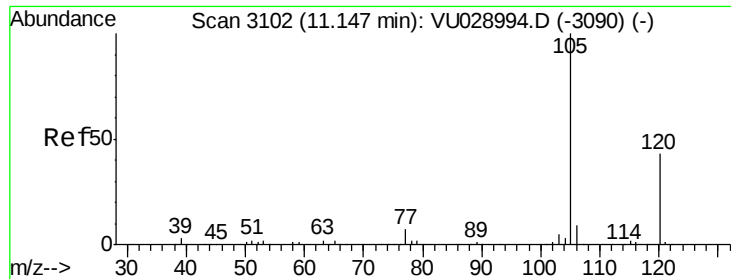
0

10.75

10.80

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 2.996 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU029165.D

Acq: 14 Jan 2019 15:01

Instrument :

MSVOA_U

ClientSampleId :

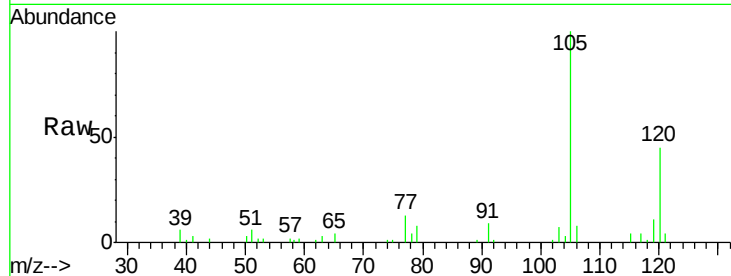
T-CONTAINMENT

Tot Ion:105 Resp: 17411

Ion Ratio Lower Upper

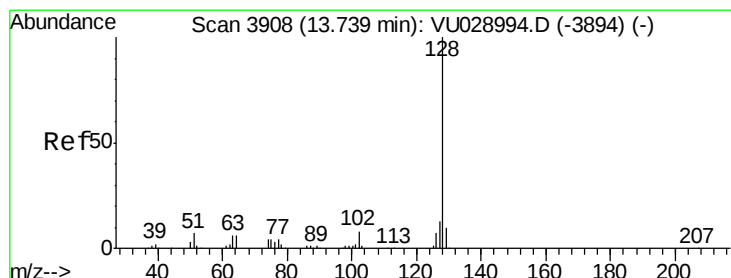
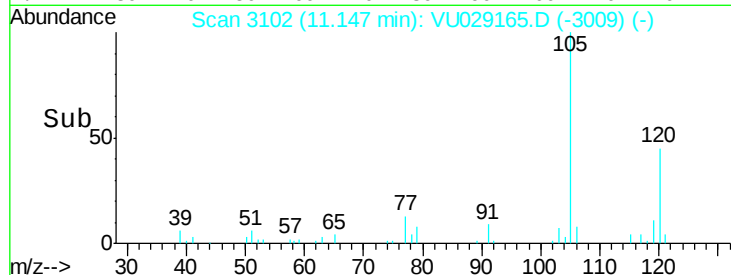
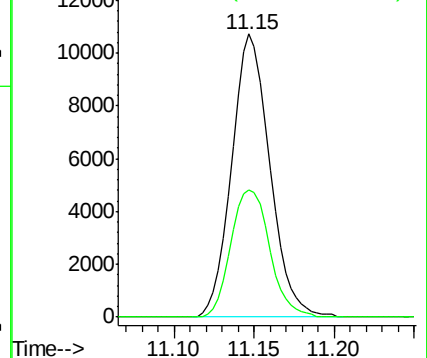
105 100

120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 6.298 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029165.D

Acq: 14 Jan 2019 15:01

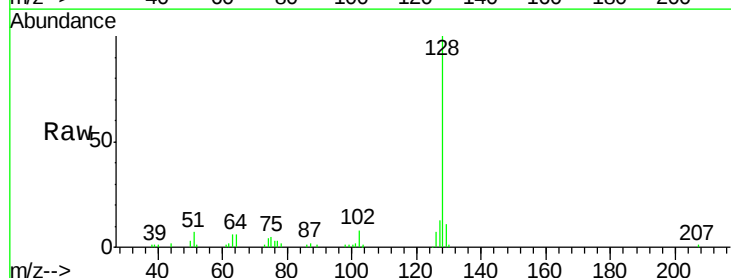
Tgt Ion:128 Resp: 45891

Ion Ratio Lower Upper

128 100

127 11.5 10.1 15.1

129 10.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

