

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024692.D
 Acq On : 18 Jun 2018 15:24
 Operator : MD/SY
 Sample : J3463-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-5-9.0-061218

Quant Time: Jun 19 10:23:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311668	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157919	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	137059	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	
35) Dibromofluoromethane	4.89	113	124358	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	7.57	98	458483	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	10.31	95	166517	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	

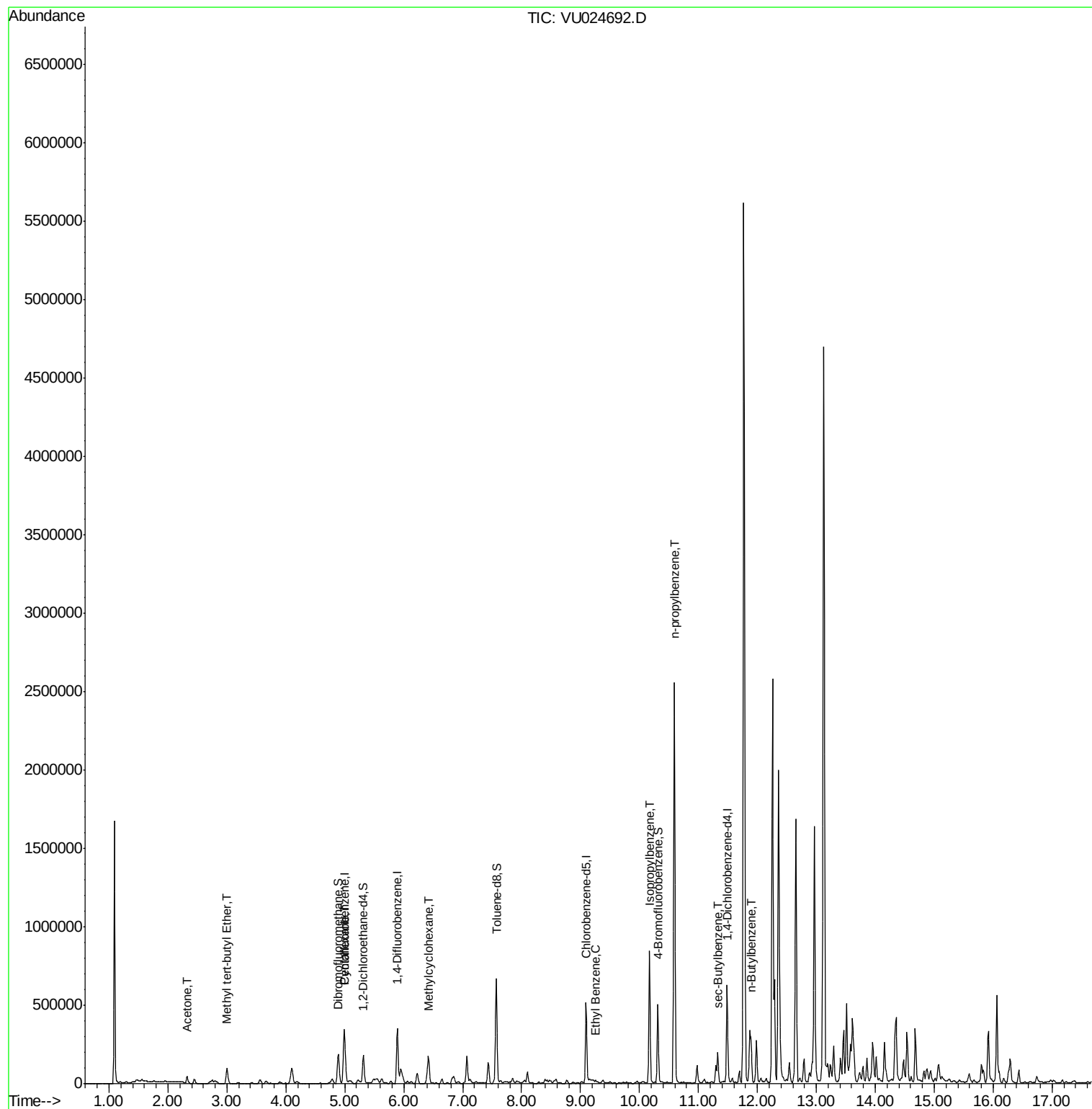
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	45256	26.76	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	77269	9.36	ug/l #	57
31) Cyclohexane	5.00	56	70364	15.69	ug/l	92
39) Methylcyclohexane	6.42	83	76078	16.65	ug/l	96
67) Ethyl Benzene	9.26	91	13309	1.01	ug/l	90
73) Isopropylbenzene	10.17	105	549009	45.28	ug/l	99
78) n-propylbenzene	10.59	91	1937092	135.63	ug/l	97
85) sec-Butylbenzene	11.33	105	125490	9.92	ug/l	100
89) n-Butylbenzene	11.89	91	175435	17.44	ug/l #	78

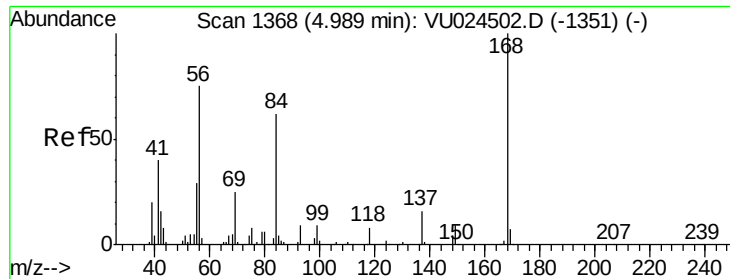
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

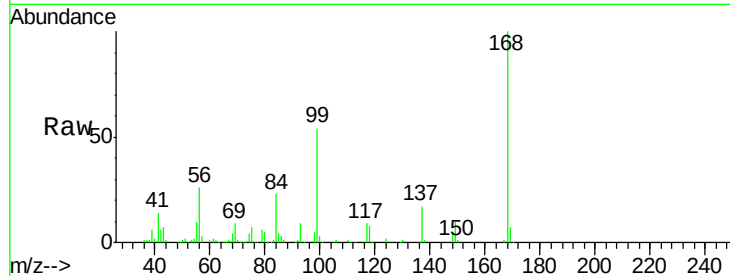
T11-MW-5-9.0-061218

Tot Ion:168 Resp: 192835

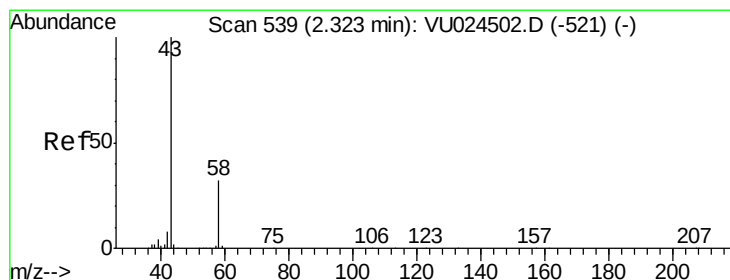
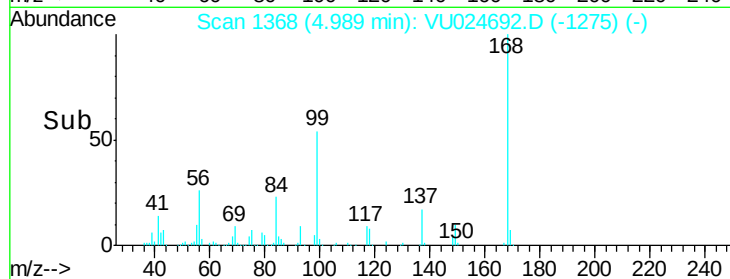
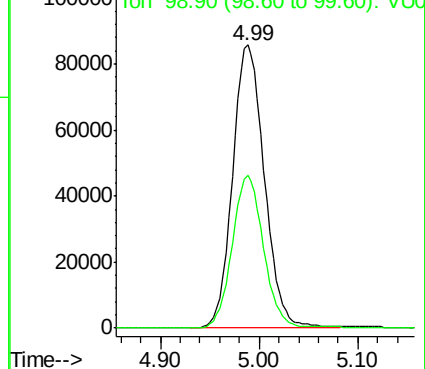
Ion Ratio Lower Upper

168 100

99 53.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)



#16

Acetone

Concen: 26.76 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024692.D

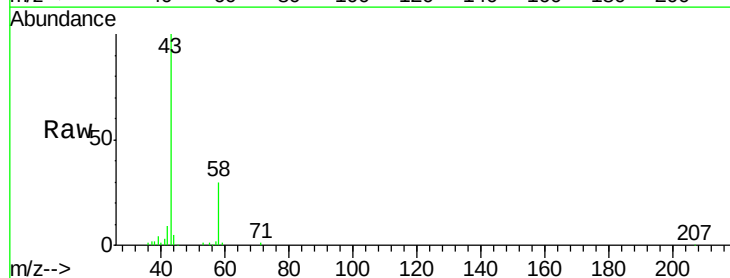
Acq: 18 Jun 2018 15:24

Tgt Ion: 43 Resp: 45256

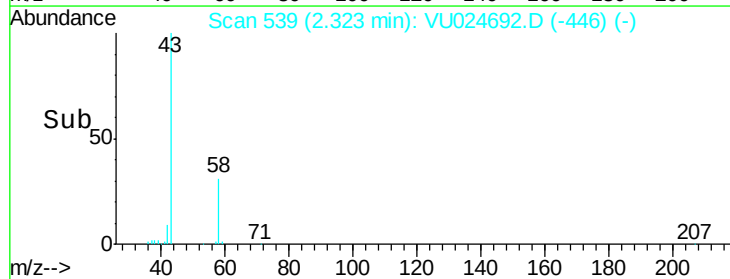
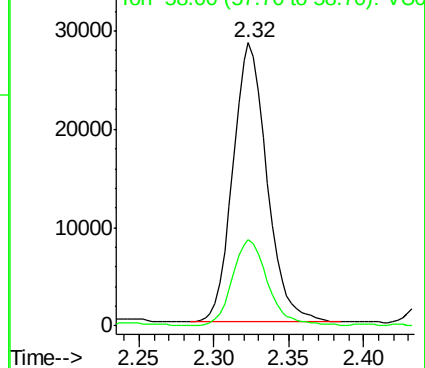
Ion Ratio Lower Upper

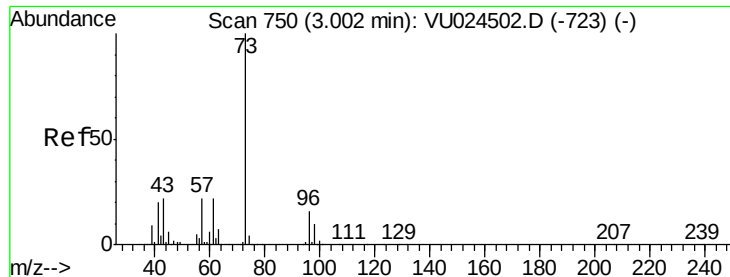
43 100

58 30.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

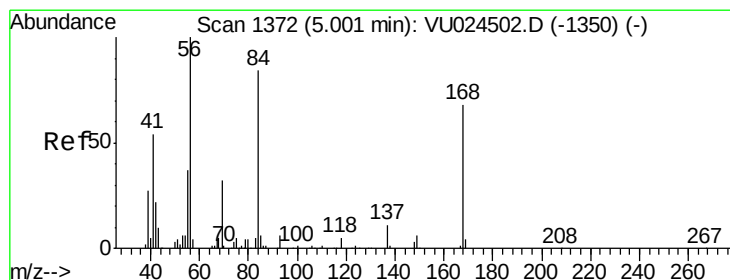
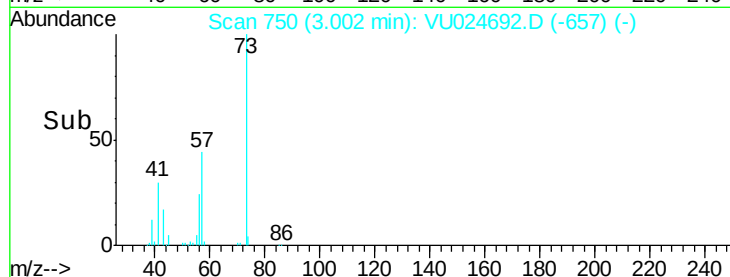
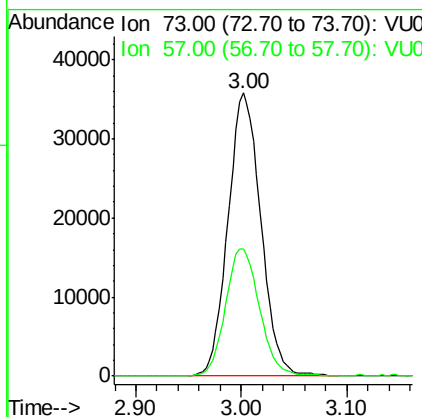
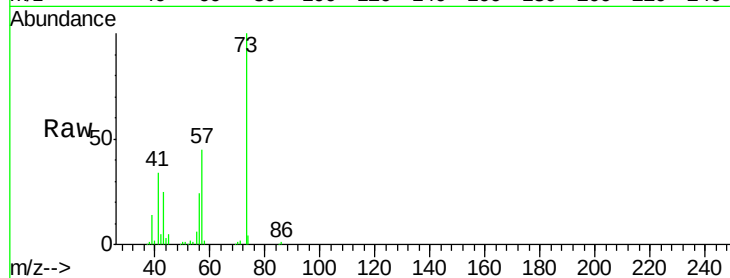




#19
Methvl tert-butvl Ether
Concen: 9.36 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024692.D
Acq: 18 Jun 2018 15:24

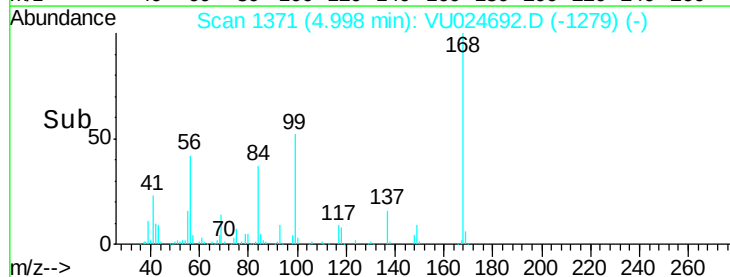
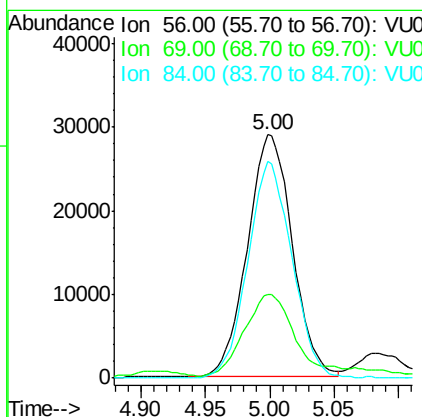
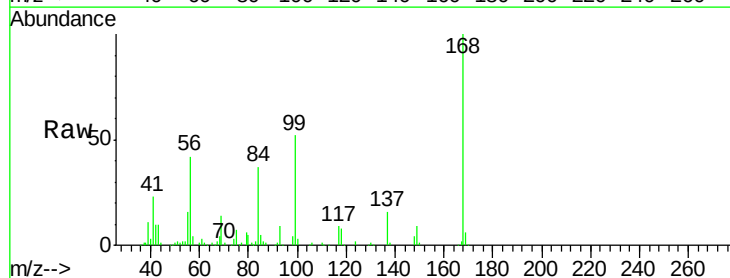
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-061218

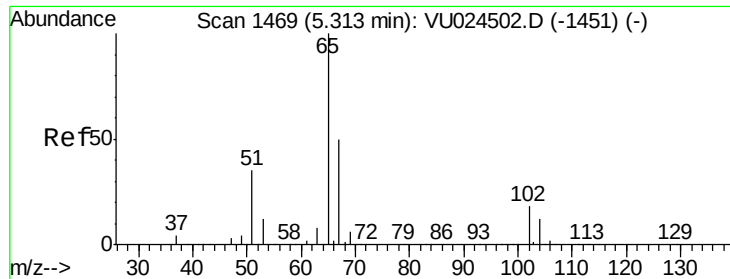
Tot Ion: 73 Resp: 77269
Ion Ratio Lower Upper
73 100
57 44.7 18.8 28.2#



#31
Cyclohexane
Concen: 15.69 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024692.D
Acq: 18 Jun 2018 15:24

Tgt Ion: 56 Resp: 70364
Ion Ratio Lower Upper
56 100
69 33.4 24.8 37.2
84 89.4 65.2 97.8

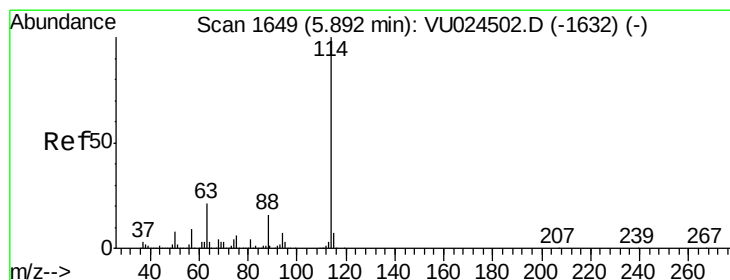
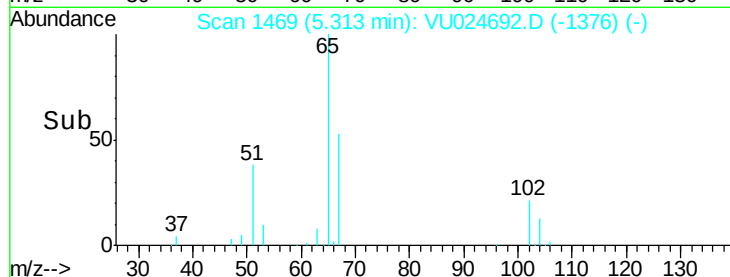
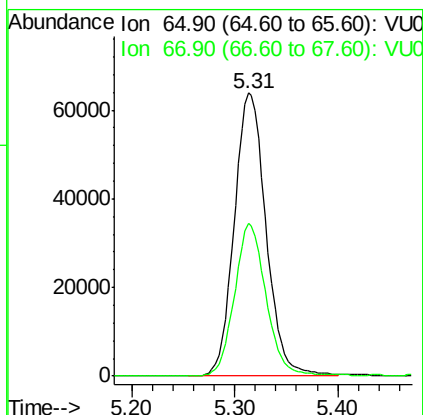
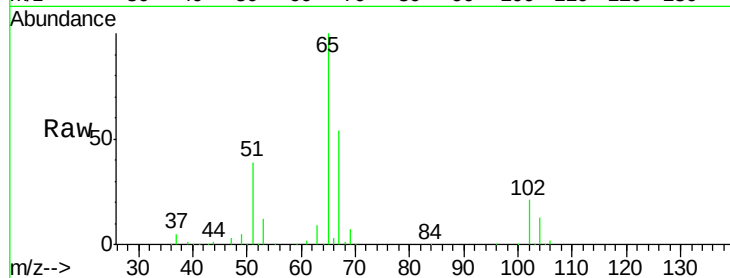




#33
 1,2-Dichloroethane-d4
 Concen: 43.54 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024692.D
 Acq: 18 Jun 2018 15:24

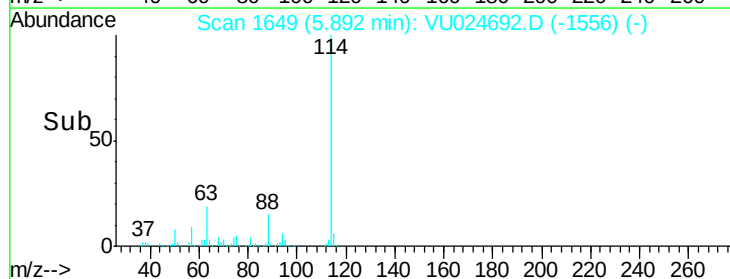
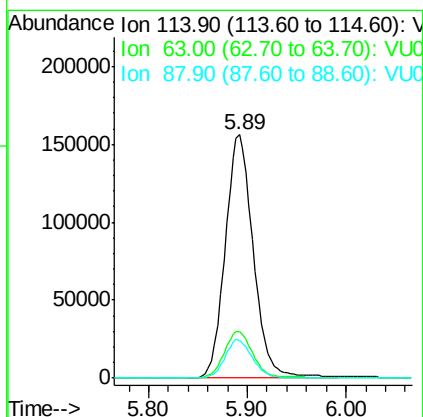
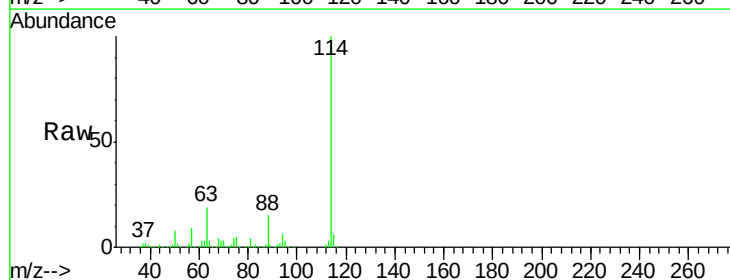
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-5-9.0-061218

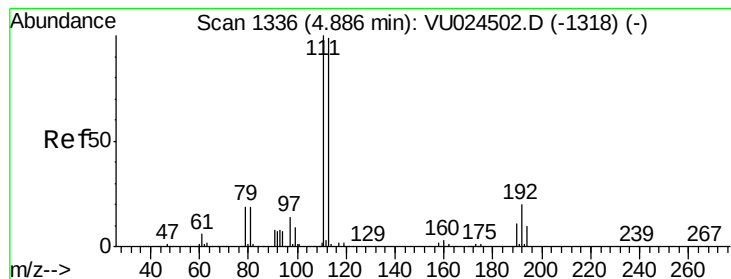
Tot Ion: 65 Resp: 137059
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024692.D
 Acq: 18 Jun 2018 15:24

Tgt Ion: 114 Resp: 311668
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 45.4
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.08 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-5-9.0-061218

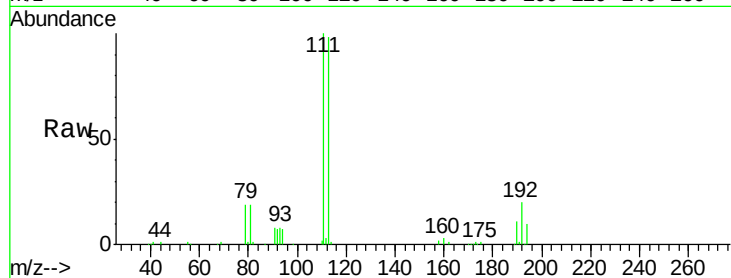
Tot Ion:113 Resp: 124358

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

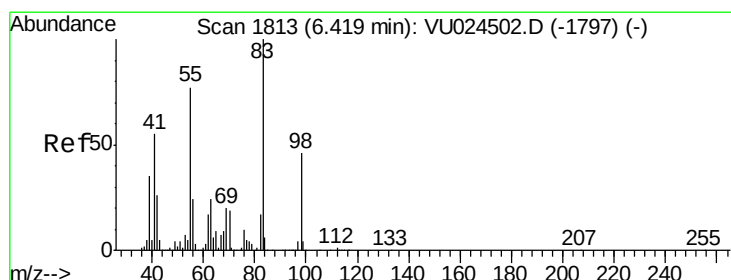
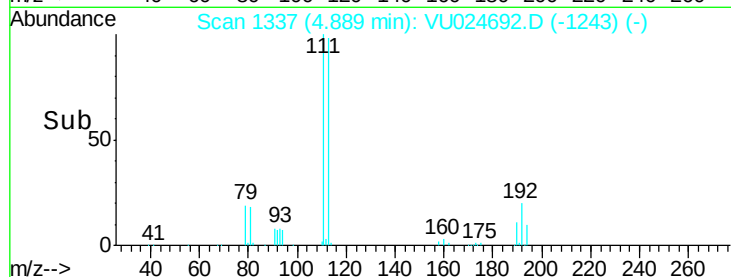
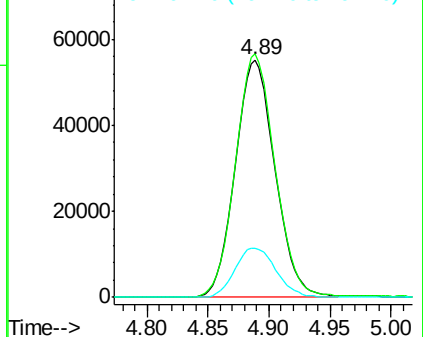
192 21.6 16.2 24.4



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: 16.65 ug/l

RT: 6.42 min Scan# 1814

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

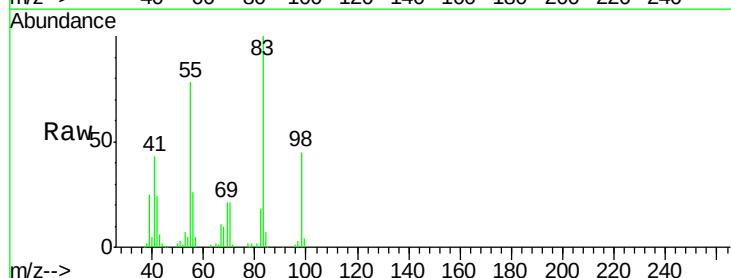
Tgt Ion: 83 Resp: 76078

Ion Ratio Lower Upper

83 100

55 77.2 65.8 98.6

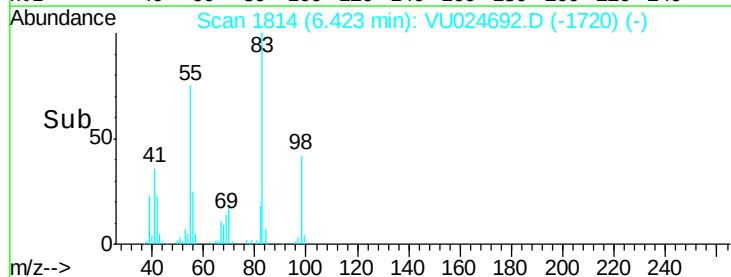
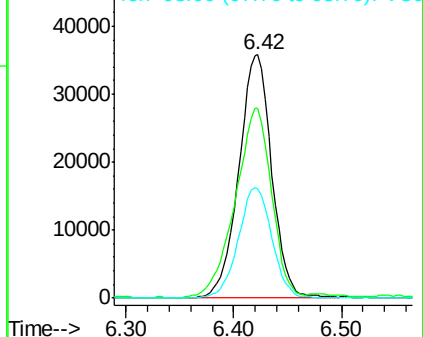
98 44.9 36.7 55.1

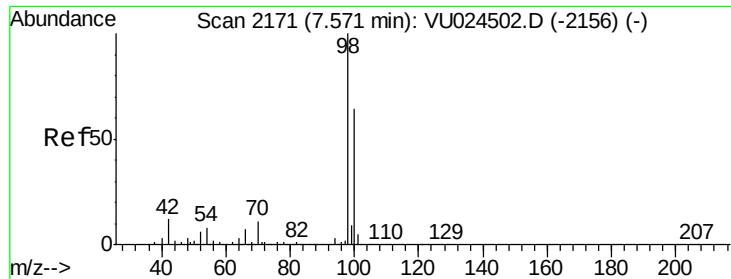


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#50

Toluene-d8

Concen: 48.59 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

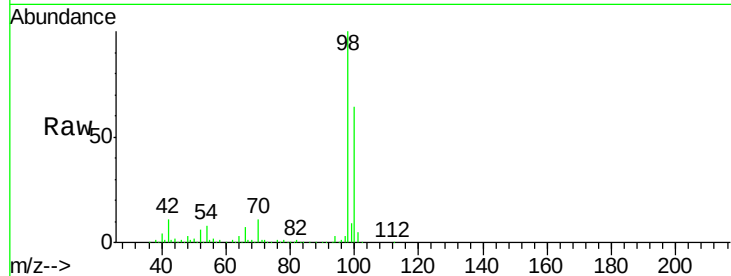
T11-MW-5-9.0-061218

Tot Ion: 98 Resp: 458483

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

250000

200000

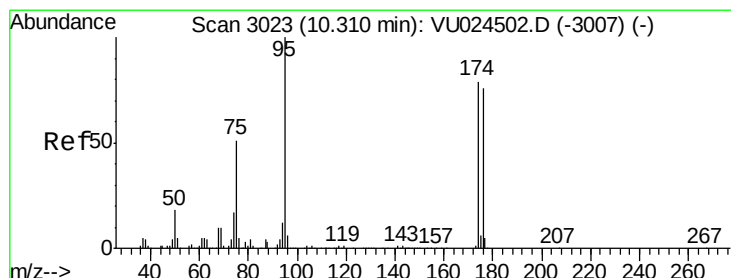
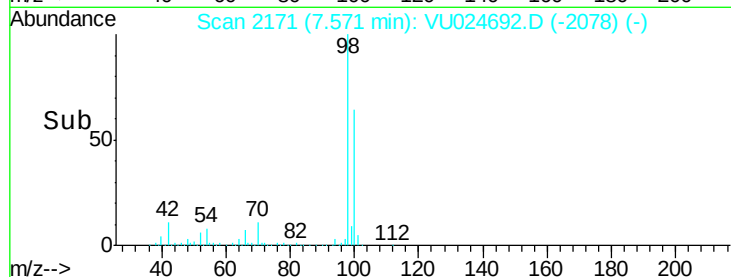
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.45 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

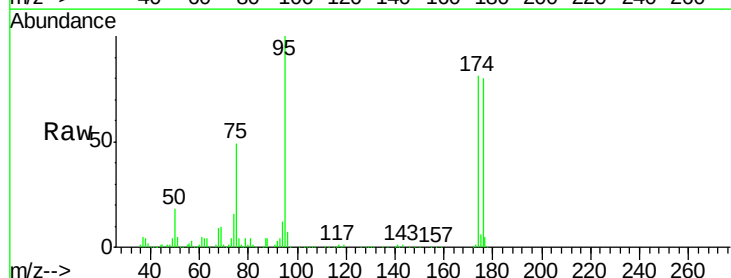
Tgt Ion: 95 Resp: 166517

Ion Ratio Lower Upper

95 100

174 83.2 0.0 165.8

176 82.1 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

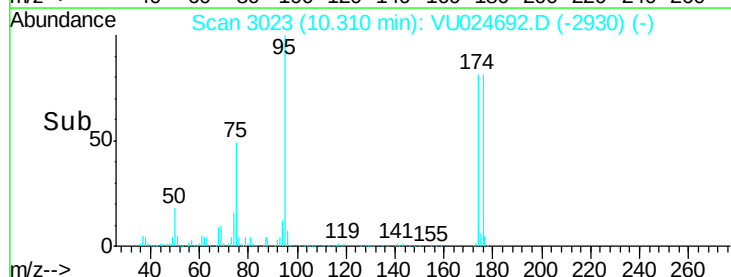
10.31

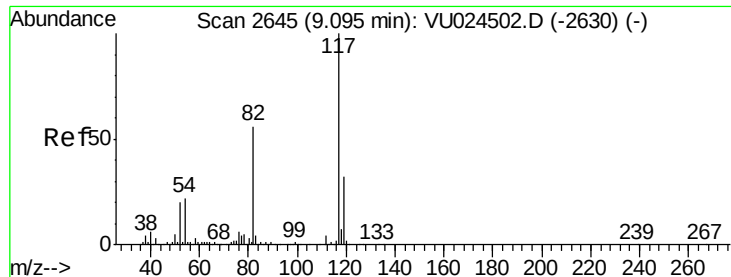
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50000

0

Time-->

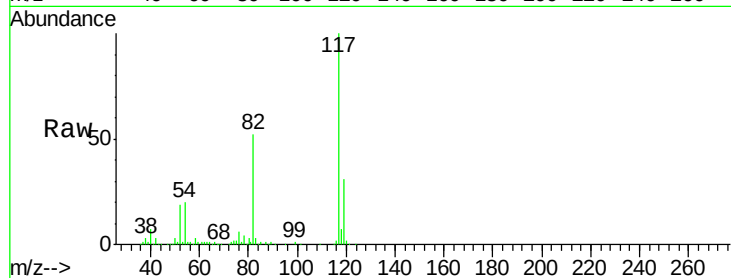




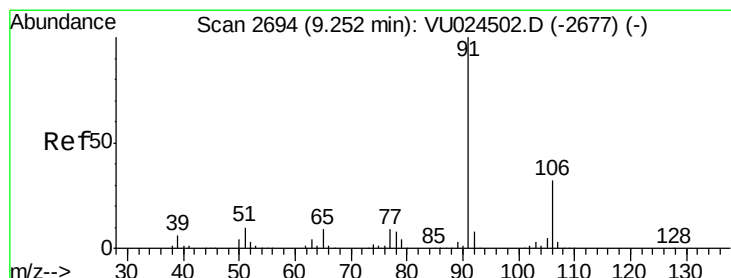
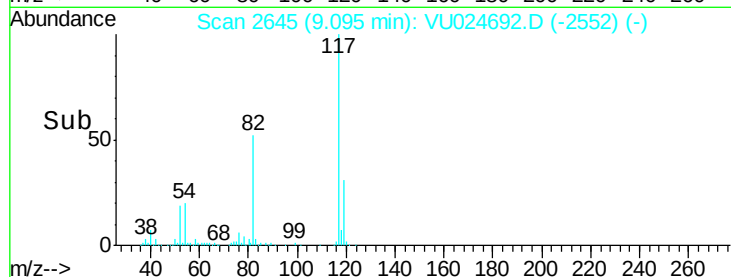
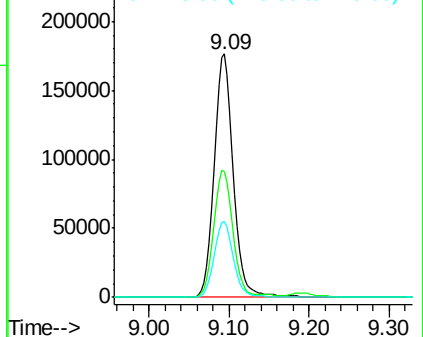
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024692.D
Acq: 18 Jun 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-5-9.0-061218

Tot Ion:117 Resp: 293314
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 31.1 25.4 38.2

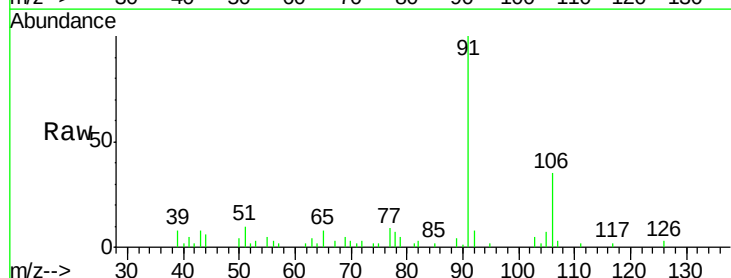


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

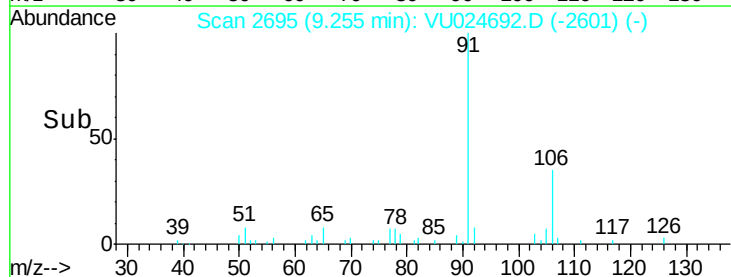
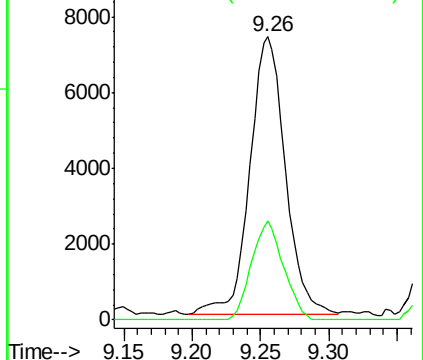


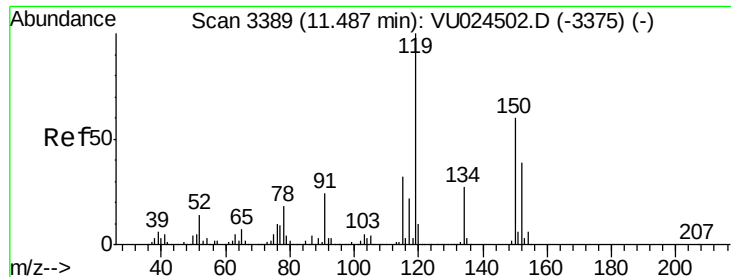
#67
Ethyl Benzene
Concen: 1.01 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024692.D
Acq: 18 Jun 2018 15:24

Tgt Ion: 91 Resp: 13309
Ion Ratio Lower Upper
91 100
106 35.6 24.2 36.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-5-9.0-061218

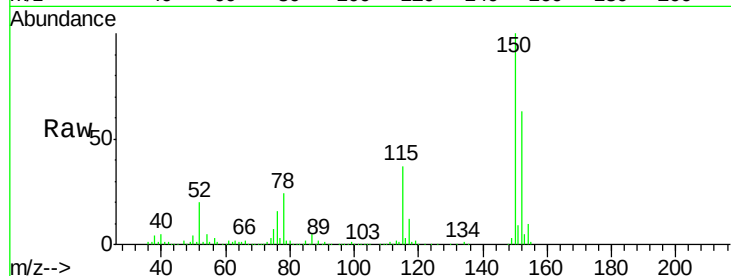
Tot Ion:152 Resp: 157919

Ion Ratio Lower Upper

152 100

115 59.0 43.0 129.0

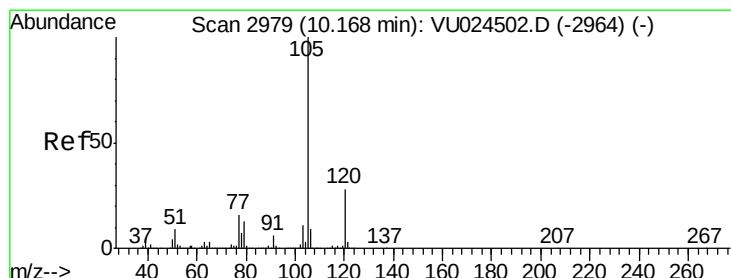
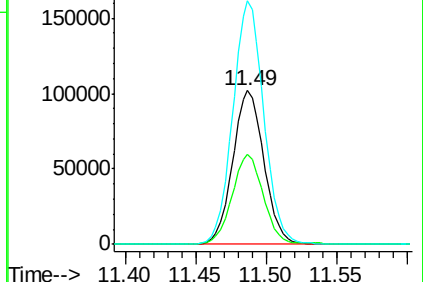
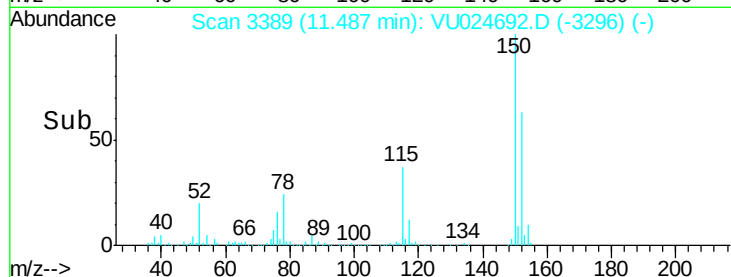
150 157.2 0.0 354.0



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: 45.28 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024692.D

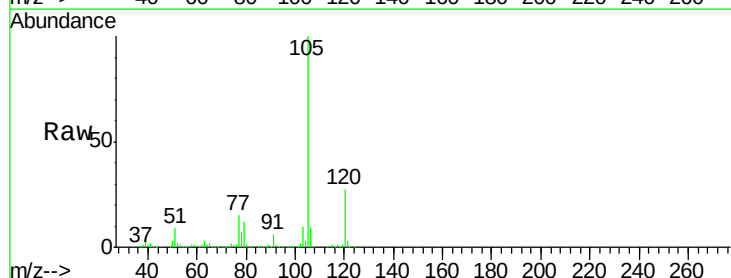
Acq: 18 Jun 2018 15:24

Tgt Ion:105 Resp: 549009

Ion Ratio Lower Upper

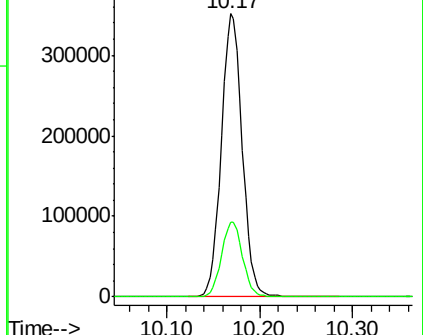
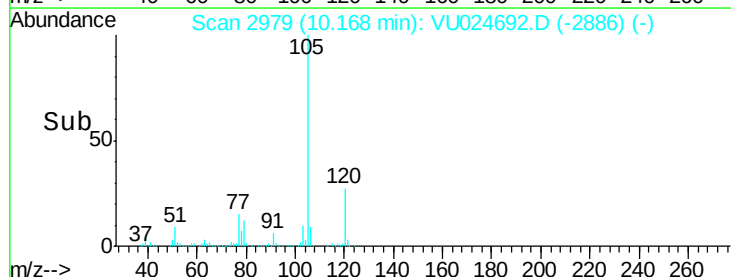
105 100

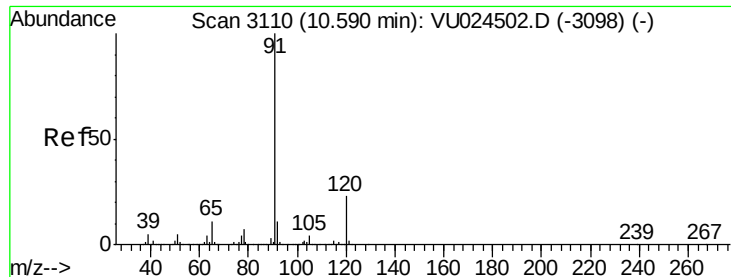
120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 135.63 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

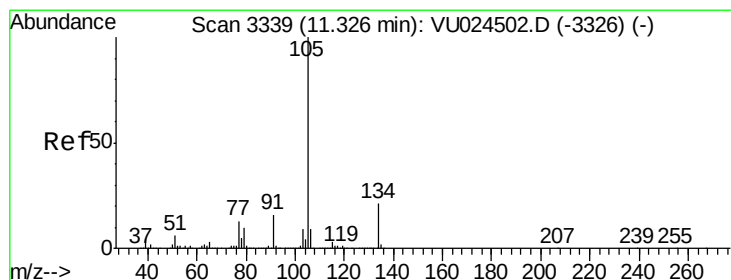
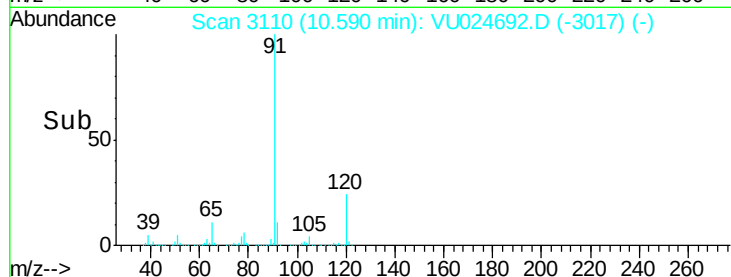
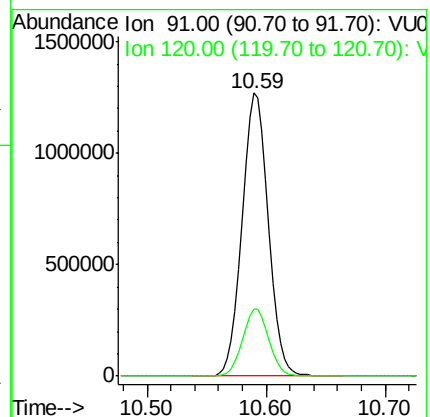
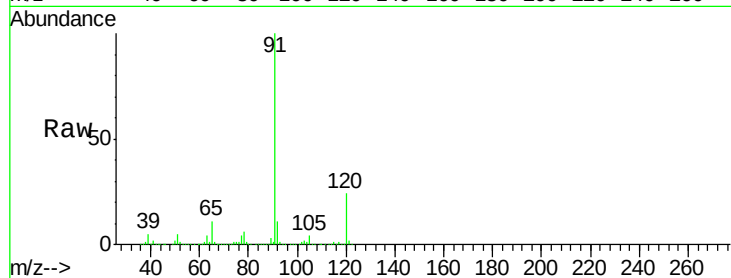
T11-MW-5-9.0-061218

Tot Ion: 91 Resp: 1937092

Ion Ratio Lower Upper

91 100

120 23.6 11.2 33.5



#85

sec-Butylbenzene

Concen: 9.92 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024692.D

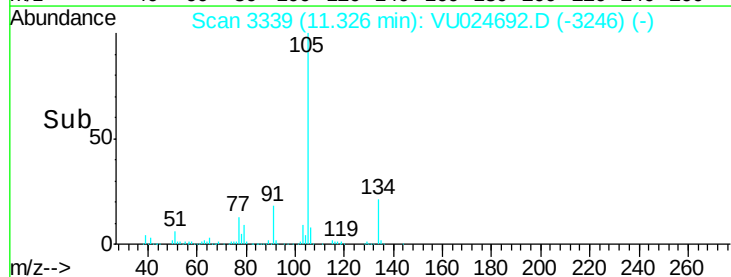
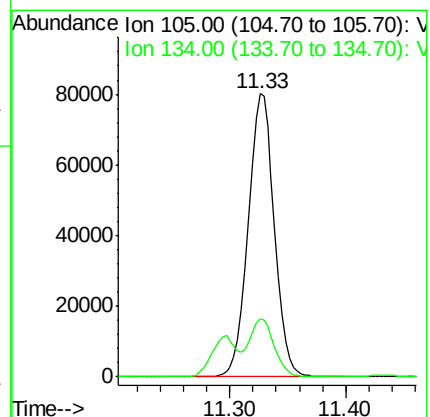
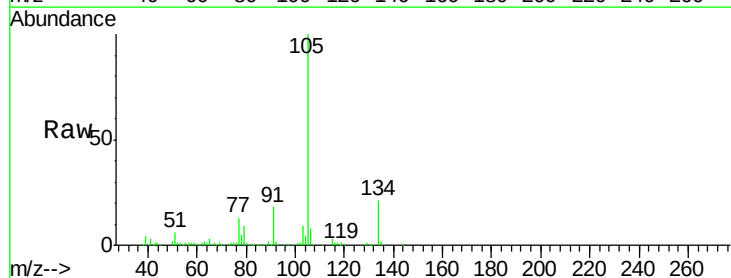
Acq: 18 Jun 2018 15:24

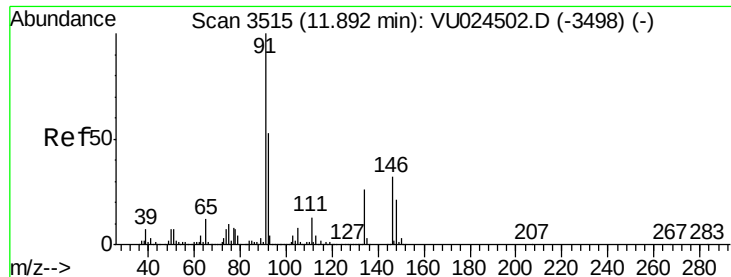
Tgt Ion: 105 Resp: 125490

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1





#89

n-Butylbenzene

Concen: 17.44 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024692.D

Acq: 18 Jun 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-5-9.0-061218

Tot Ion: 91 Resp: 175435

Ion Ratio Lower Upper

91 100

92 45.1 25.6 76.8

134 0.0 12.3 36.8#

