

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024691.D
 Acq On : 18 Jun 2018 15:00
 Operator : MD/SY
 Sample : J3463-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-061218

Quant Time: Jun 18 19:00:16 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

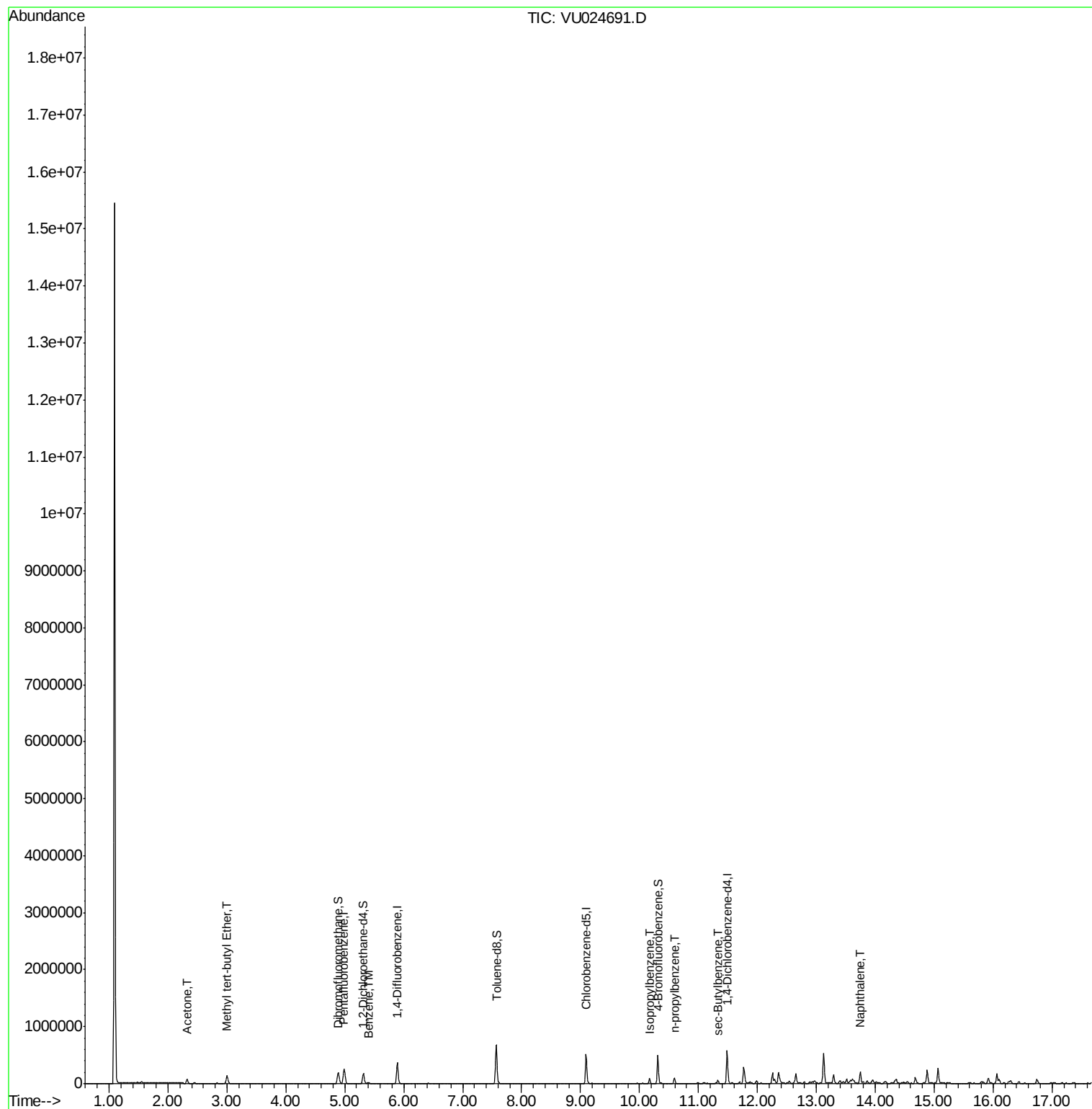
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318432	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	140949	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
35) Dibromofluoromethane	4.89	113	126852	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	7.57	98	461599	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	10.31	95	164489	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
Target Compounds						
16) Acetone	2.32	43	84435	48.02	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	147591	17.20	ug/l	99
40) Benzene	5.40	78	16326	1.53	ug/l	100
73) Isopropylbenzene	10.17	105	61548	5.18	ug/l	99
78) n-propylbenzene	10.59	91	79007	5.65	ug/l	98
85) sec-Butylbenzene	11.33	105	33919	2.74	ug/l	97
95) Naphthalene	13.75	128	158404	14.41	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

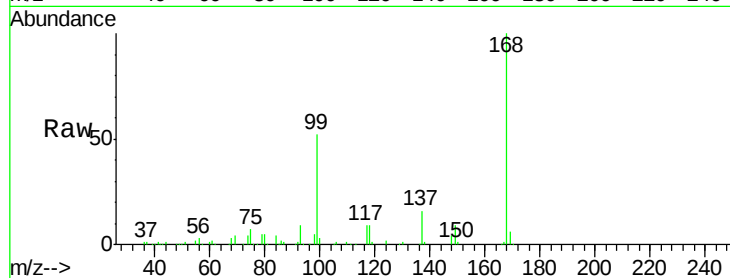
T11-MW-13-8.0-061218

Tot Ion:168 Resp: 200450

Ion Ratio Lower Upper

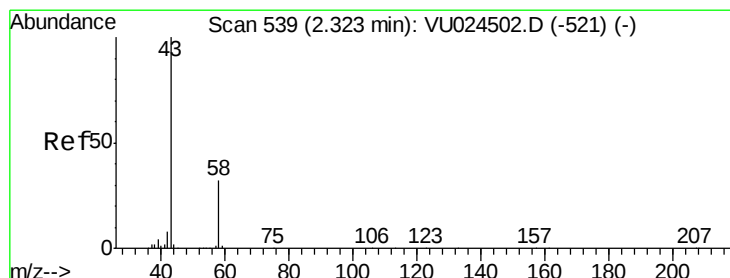
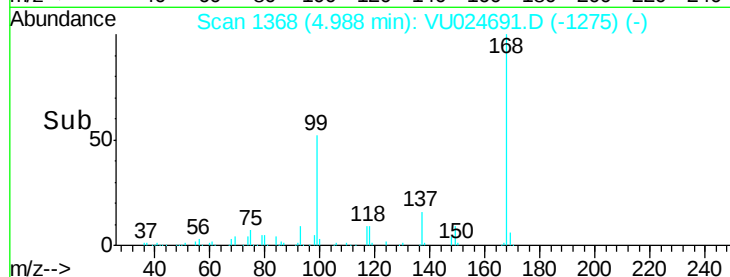
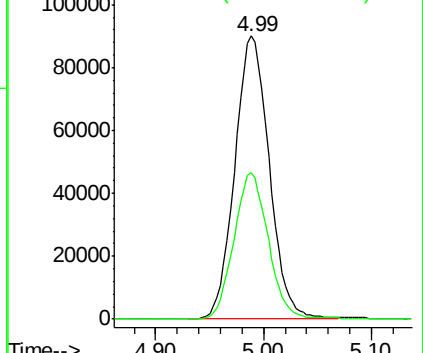
168 100

99 51.8 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#16

Acetone

Concen: 48.02 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024691.D

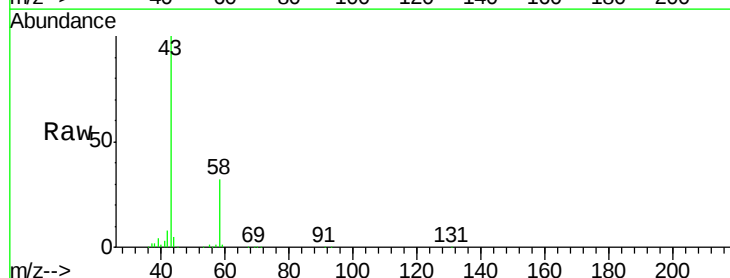
Acq: 18 Jun 2018 15:00

Tgt Ion: 43 Resp: 84435

Ion Ratio Lower Upper

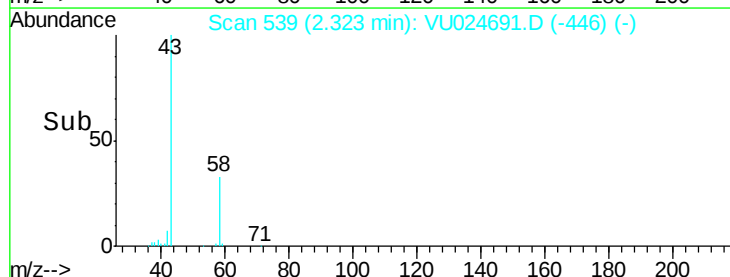
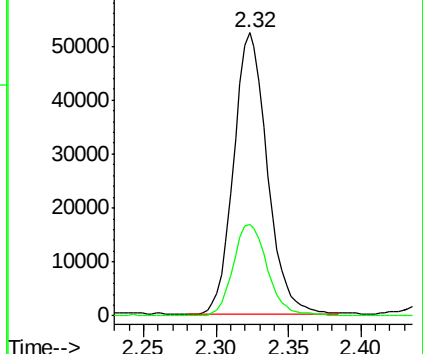
43 100

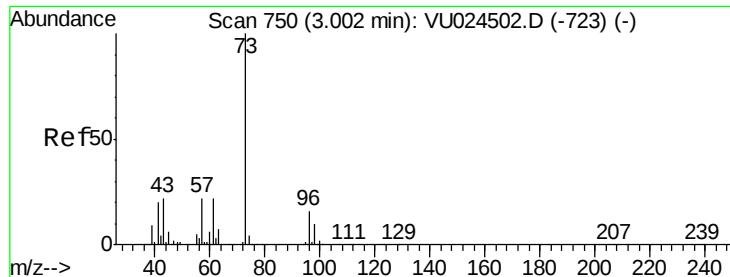
58 32.6 24.4 36.6



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

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)





#19

Methvl tert-butvl Ether

Concen: 17.20 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

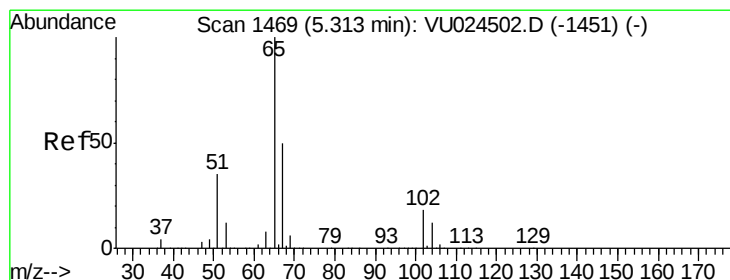
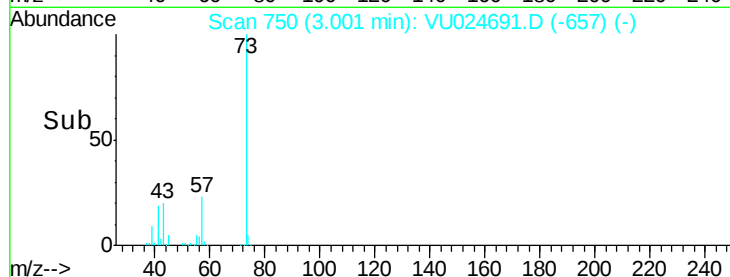
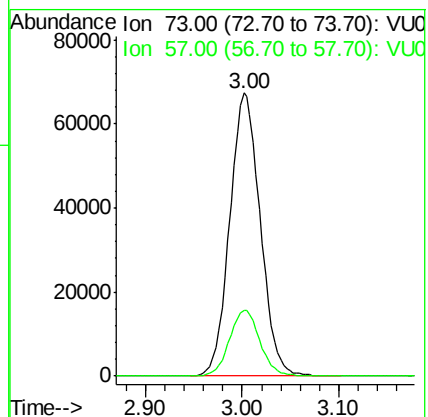
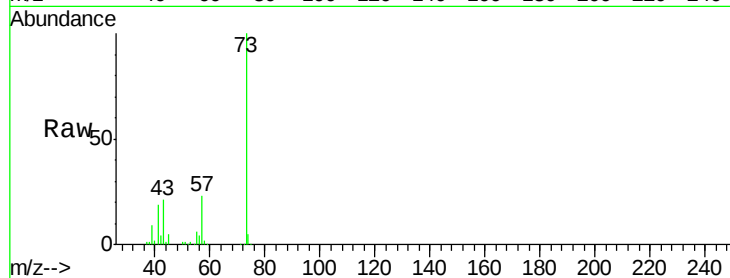
T11-MW-13-8.0-061218

Tot Ion: 73 Resp: 147591

Ion Ratio Lower Upper

73 100

57 23.2 18.8 28.2



#33

1,2-Dichloroethane-d4

Concen: 43.07 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024691.D

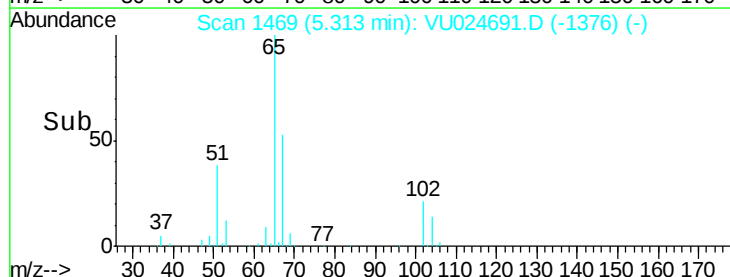
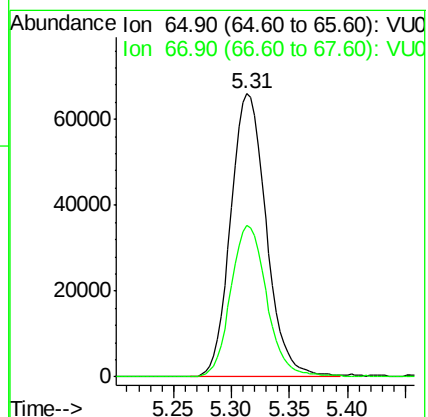
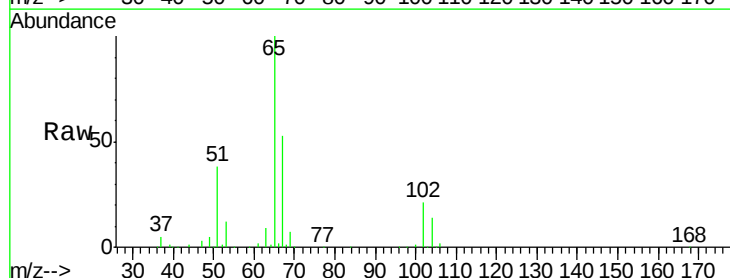
Acq: 18 Jun 2018 15:00

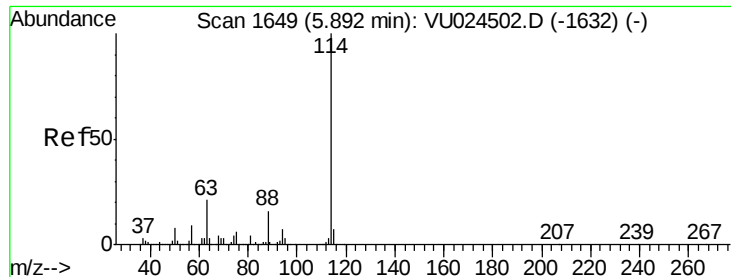
Tgt Ion: 65 Resp: 140949

Ion Ratio Lower Upper

65 100

67 54.2 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: VU024691.D

Acq: 18 Jun 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-061218

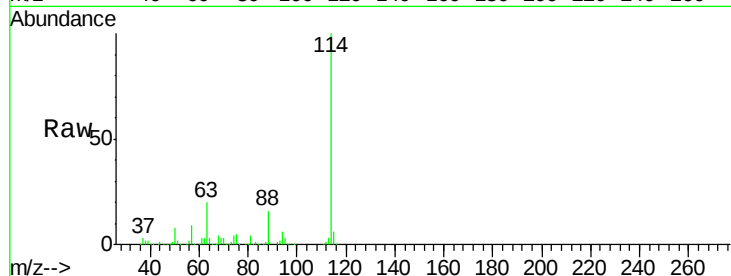
Tot Ion:114 Resp: 318432

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

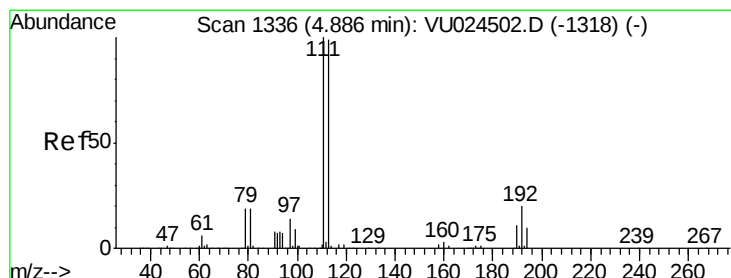
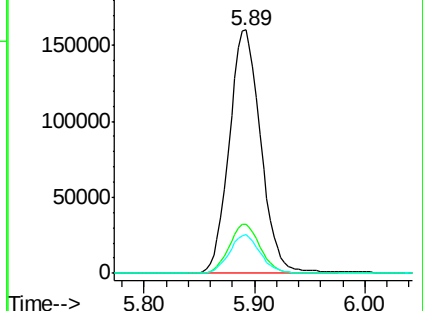
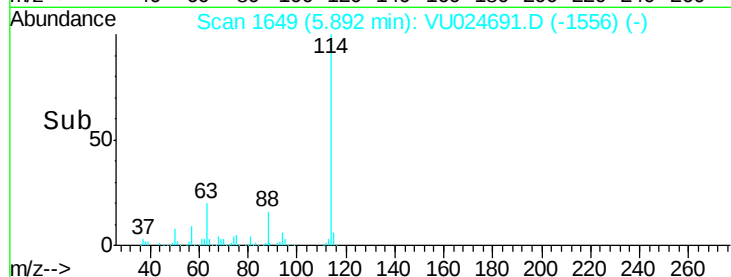
88 15.8 0.0 31.0



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: 48.00 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

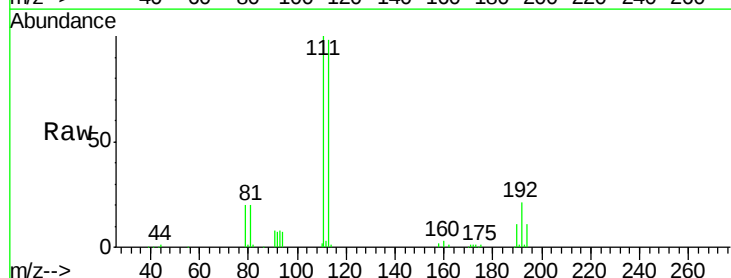
Tgt Ion:113 Resp: 126852

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

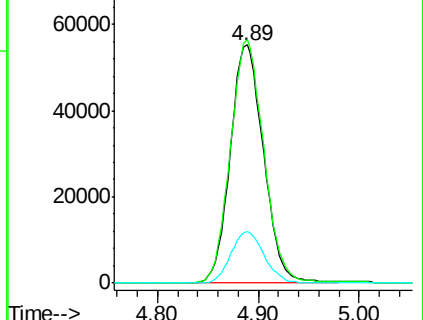
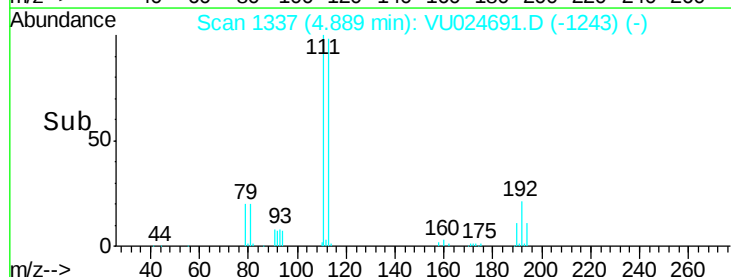
192 21.7 16.2 24.4

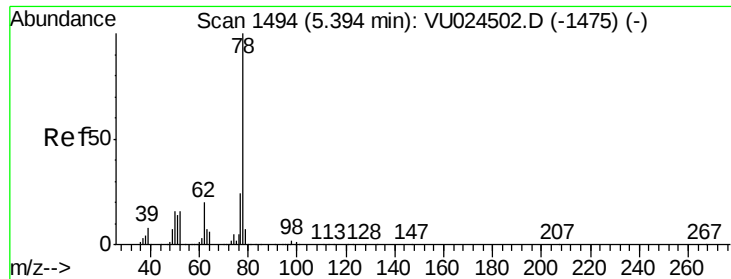


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.53 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

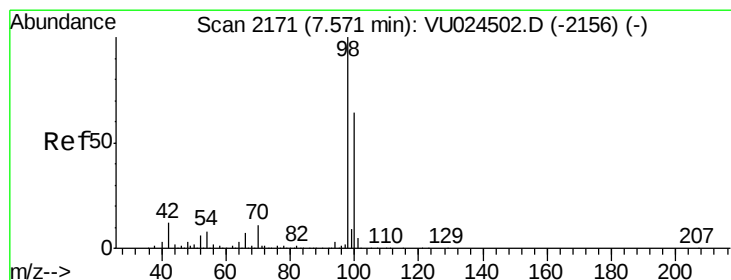
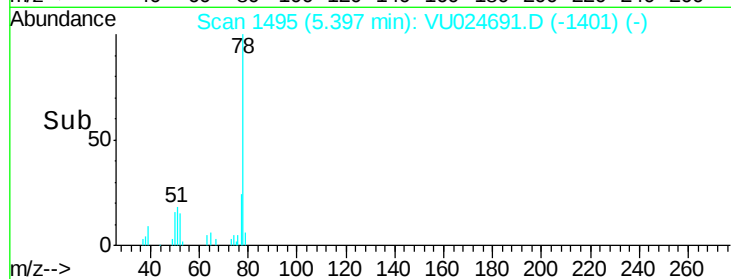
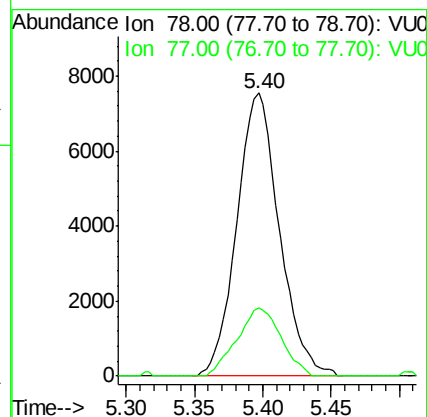
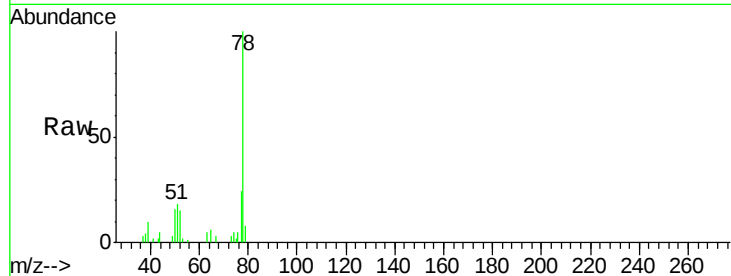
T11-MW-13-8.0-061218

Tot Ion: 78 Resp: 16326

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



#50

Toluene-d8

Concen: 47.89 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024691.D

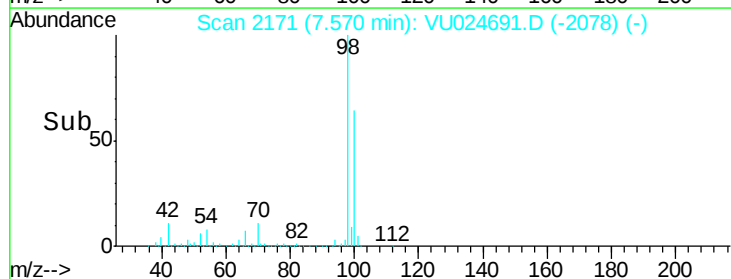
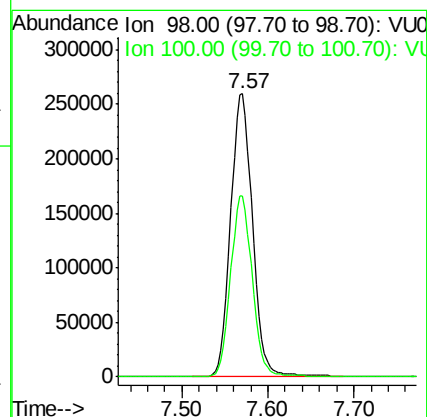
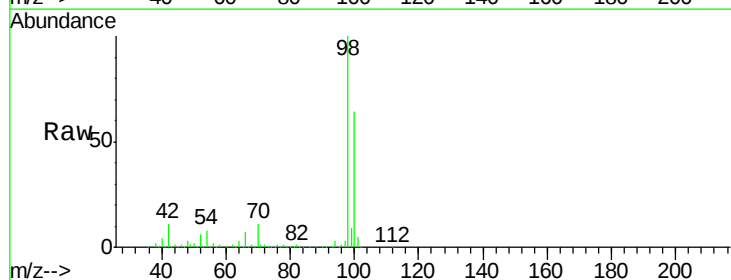
Acq: 18 Jun 2018 15:00

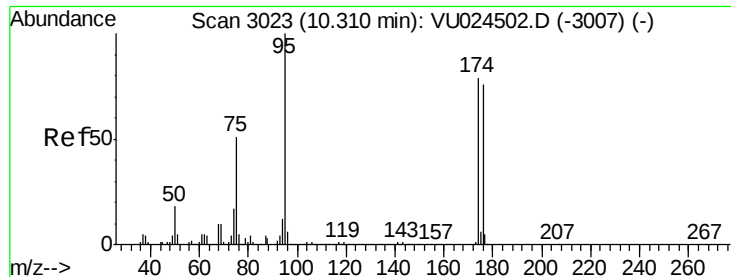
Tgt Ion: 98 Resp: 461599

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 42.98 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-061218

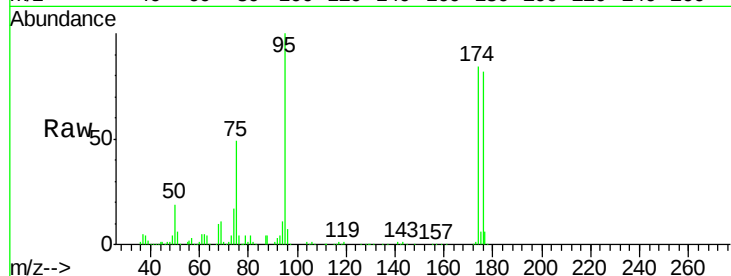
Tot Ion: 95 Resp: 164489

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

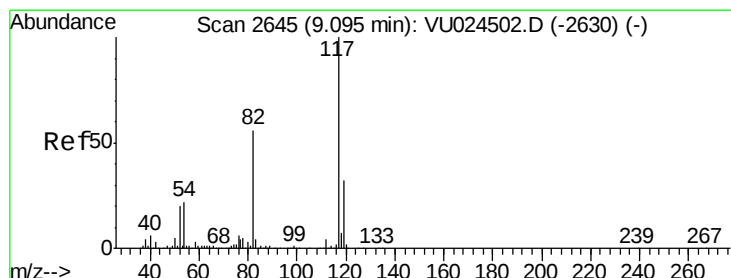
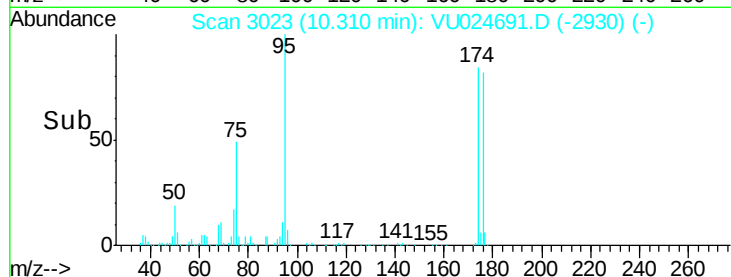
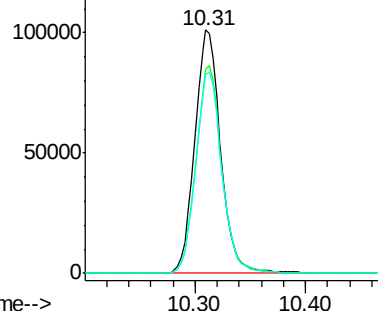
176 83.2 0.0 159.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

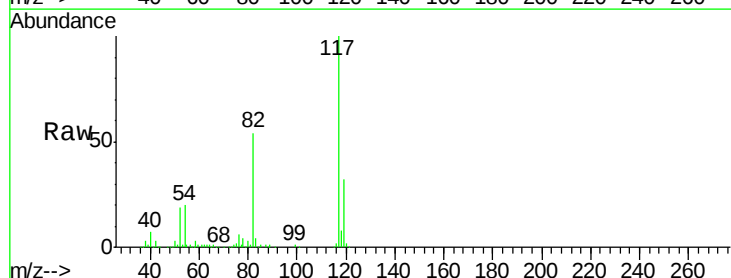
Tgt Ion: 117 Resp: 294429

Ion Ratio Lower Upper

117 100

82 53.6 44.3 66.5

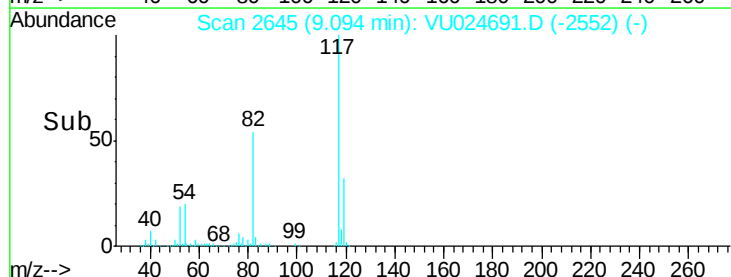
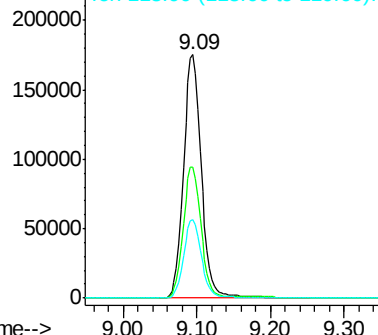
119 32.1 25.4 38.2

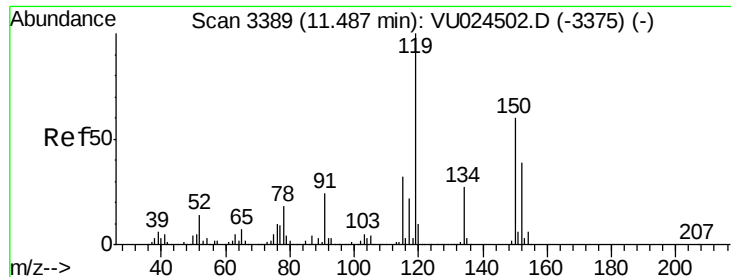


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-13-8.0-061218

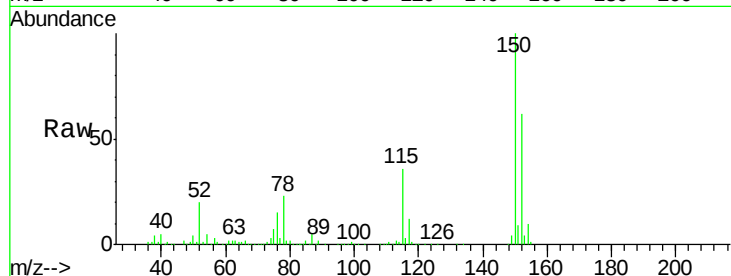
Tot Ion:152 Resp: 154721

Ion Ratio Lower Upper

152 100

115 56.6 43.0 129.0

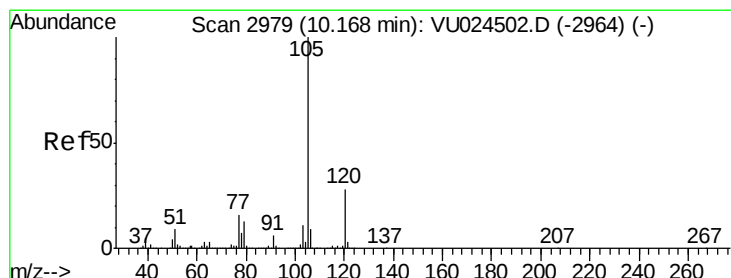
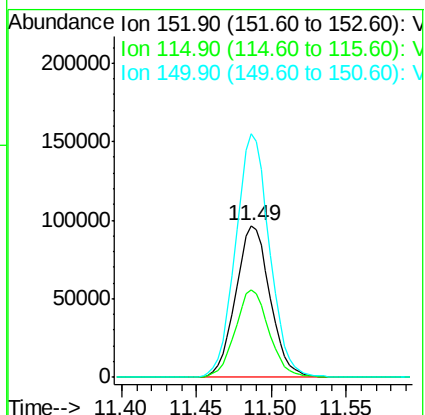
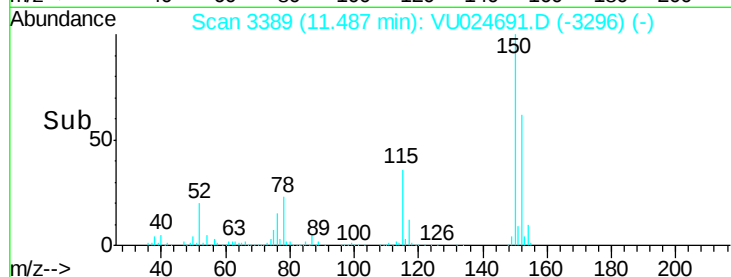
150 158.7 0.0 354.0



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: 5.18 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024691.D

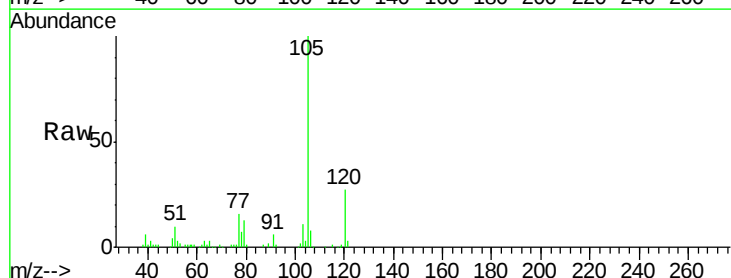
Acq: 18 Jun 2018 15:00

Tgt Ion:105 Resp: 61548

Ion Ratio Lower Upper

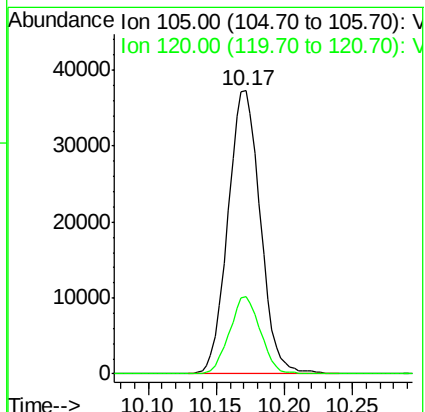
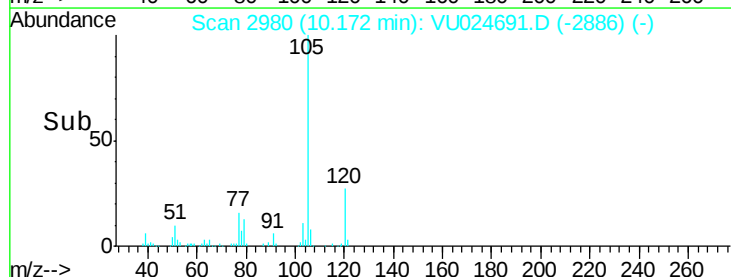
105 100

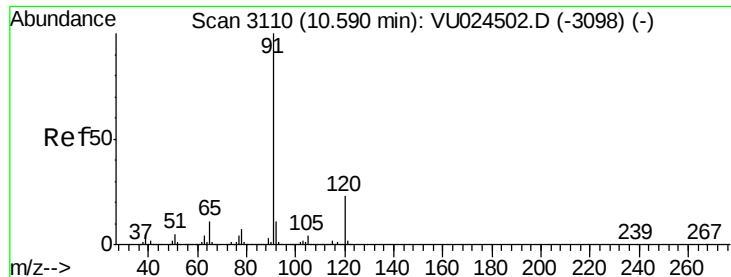
120 26.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.65 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024691.D

Acq: 18 Jun 2018 15:00

Instrument:

MSVOA_U

ClientSampleId:

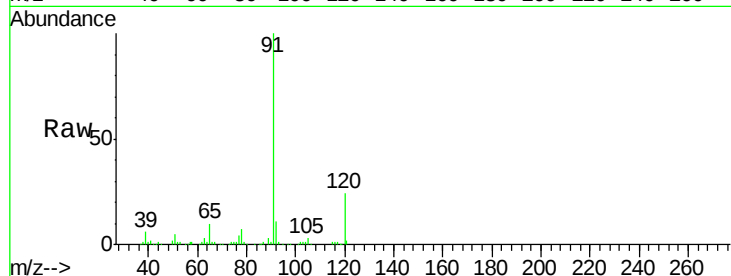
T11-MW-13-8.0-061218

Tot Ion: 91 Resp: 79007

Ion Ratio Lower Upper

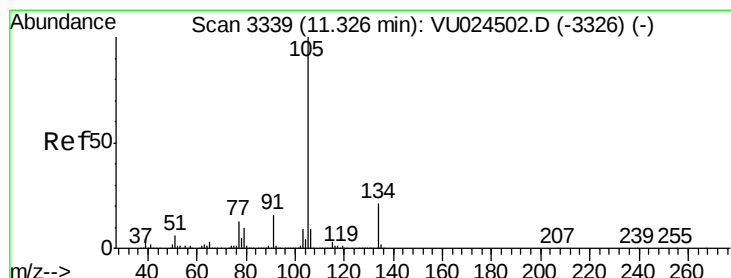
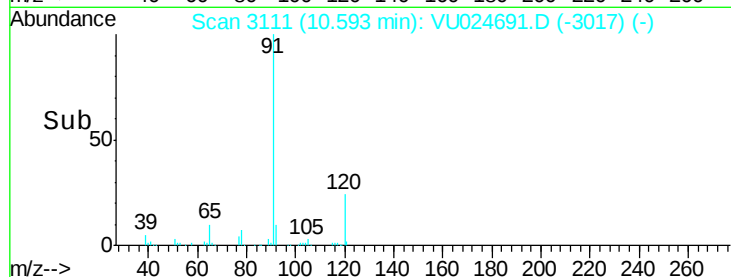
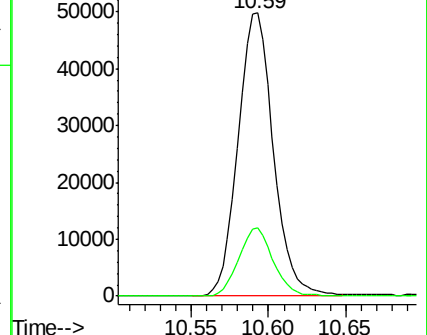
91 100

120 23.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3098) (-)



#85

sec-Butylbenzene

Concen: 2.74 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU024691.D

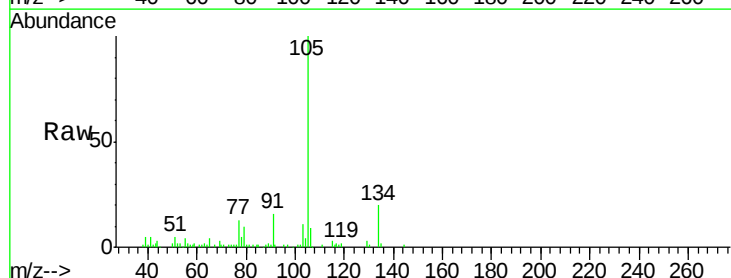
Acq: 18 Jun 2018 15:00

Tgt Ion: 105 Resp: 33919

Ion Ratio Lower Upper

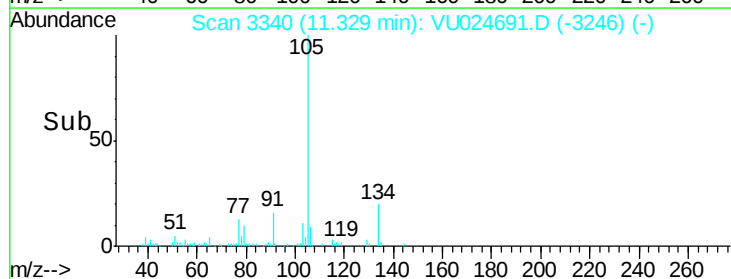
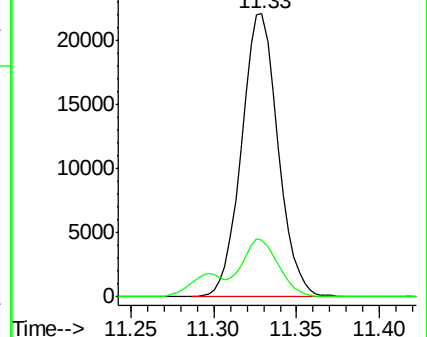
105 100

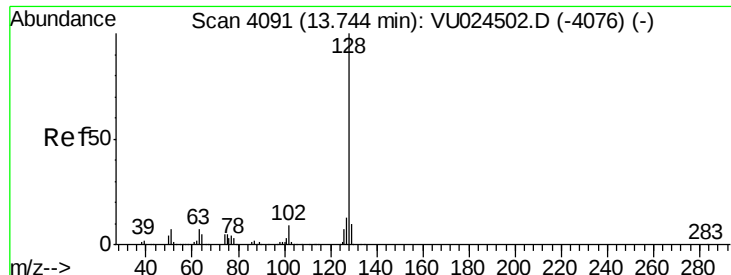
134 20.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3326) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3326) (-)

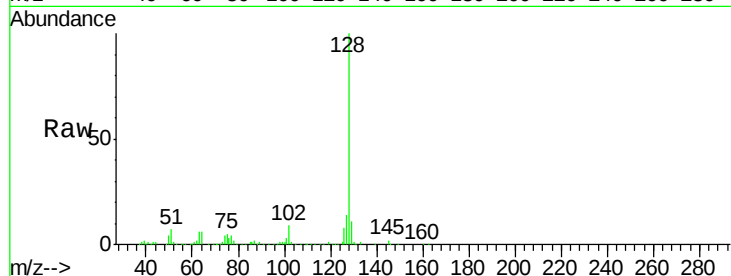




#95
Naphthalene
Concen: 14.41 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024691.D
Acq: 18 Jun 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-13-8.0-061218

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.8	8.6	12.8



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

