

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025246.D
 Acq On : 06 Jul 2018 17:40
 Operator : MD/SY
 Sample : J3808-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628

Quant Time: Jul 09 10:39:26 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

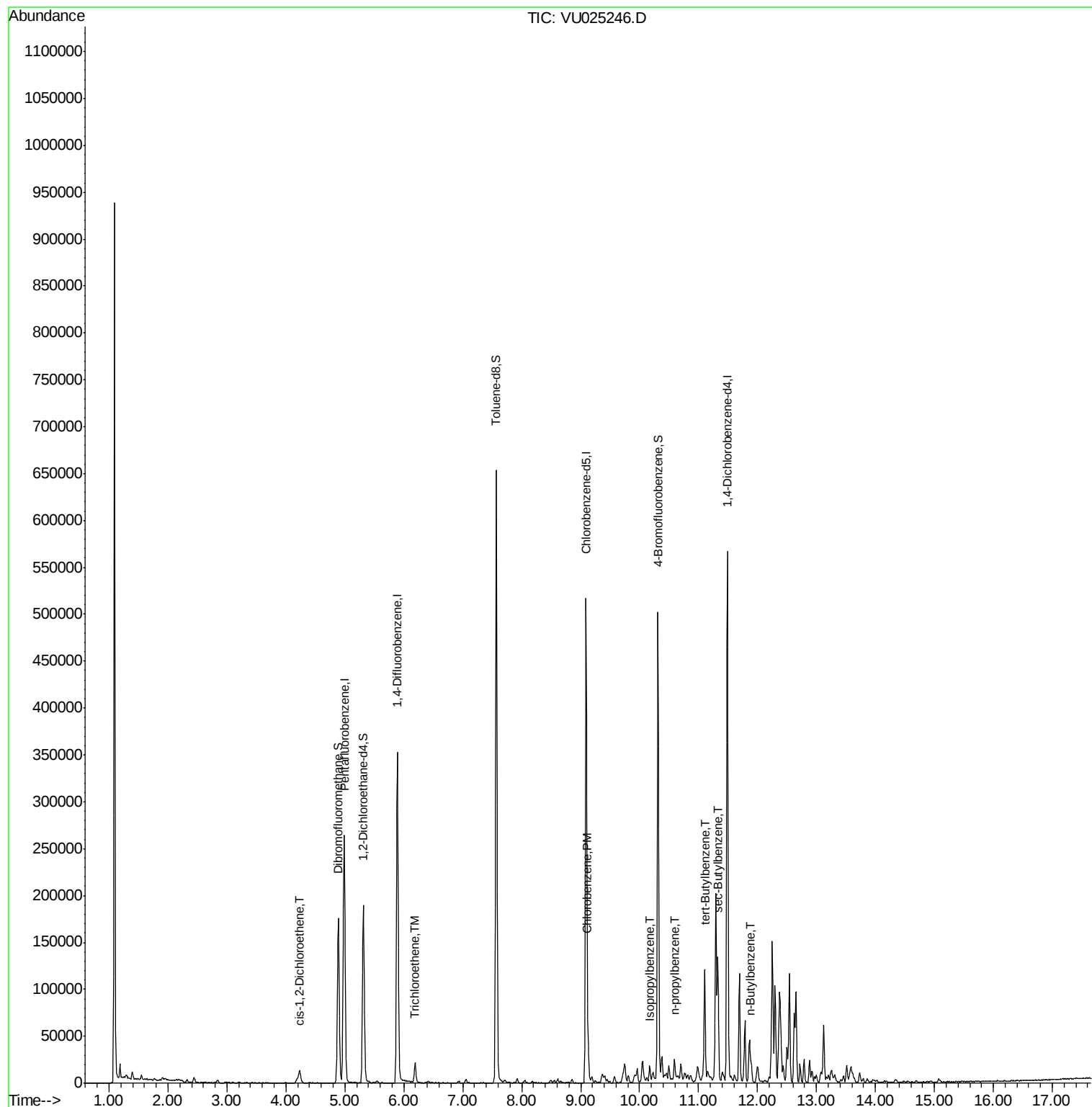
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299843	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152025	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	4.89	113	118356	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	7.57	98	435301	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	10.31	95	158553	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.23	96	7023	2.408	ug/l	92
44) Trichloroethene	6.19	130	7563	2.647	ug/l	92
65) Chlorobenzene	9.12	112	19855	2.784	ug/l	92
73) Isopropylbenzene	10.17	105	11783	1.041	ug/l	100
78) n-propylbenzene	10.59	91	19113	1.434	ug/l	99
83) tert-Butylbenzene	11.10	119	53612	5.683	ug/l	89
85) sec-Butylbenzene	11.33	105	85805	7.266	ug/l	95
89) n-Butylbenzene	11.90	91	10489	1.117	ug/l #	75

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

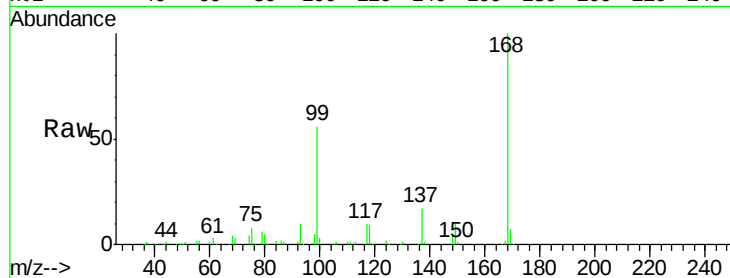
WP021MW472-180628

Tot Ion:168 Resp: 202316

Ion Ratio Lower Upper

168 100

99 56.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

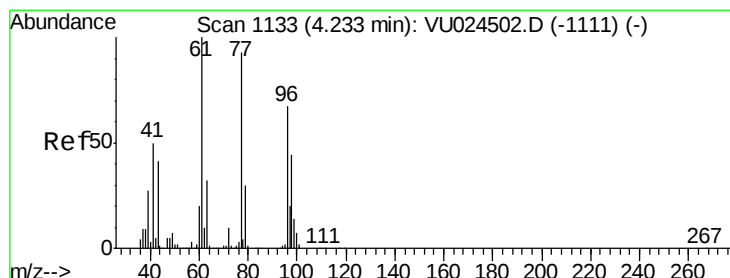
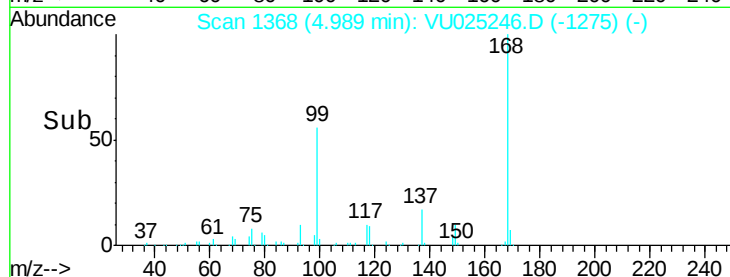
60000

40000

20000

0

Time--> 4.90 5.00 5.10



#27

cis-1,2-Dichloroethene

Concen: 2.408 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

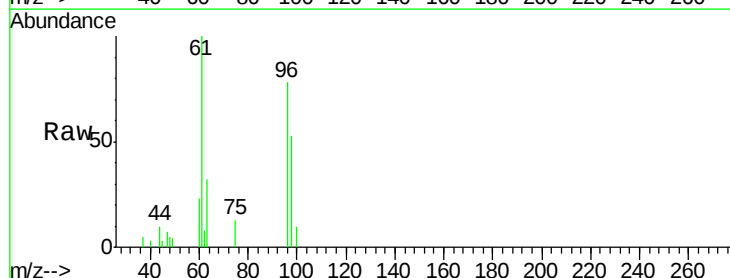
Tgt Ion: 96 Resp: 7023

Ion Ratio Lower Upper

96 100

61 139.8 0.0 306.6

98 66.0 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

4.23

5000

4000

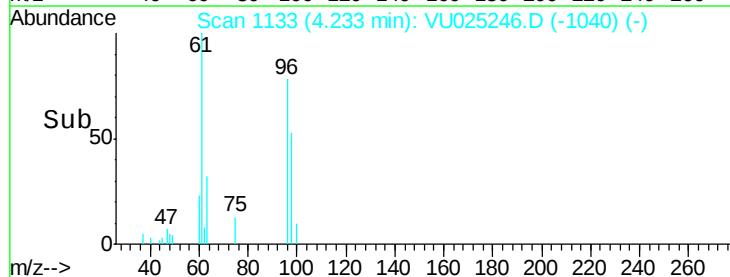
3000

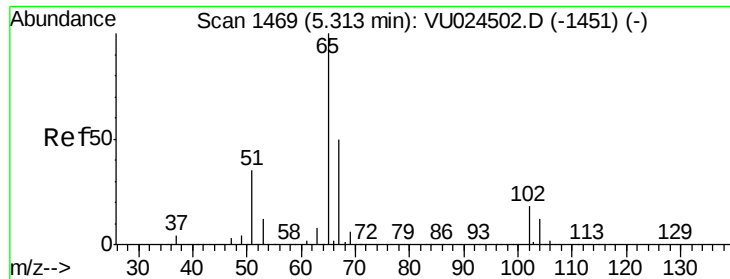
2000

1000

0

Time--> 4.15 4.20 4.25 4.30

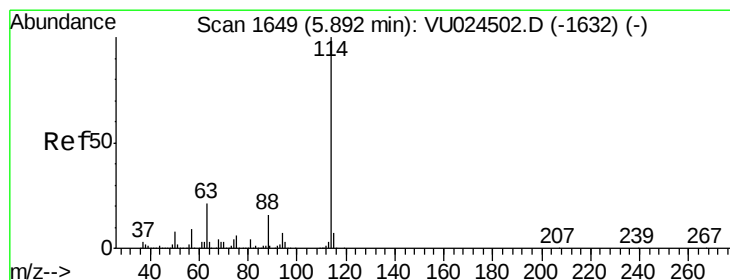
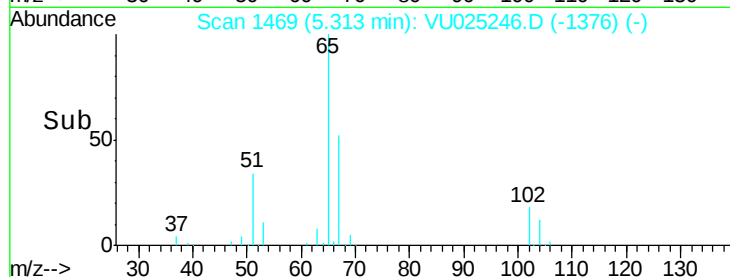
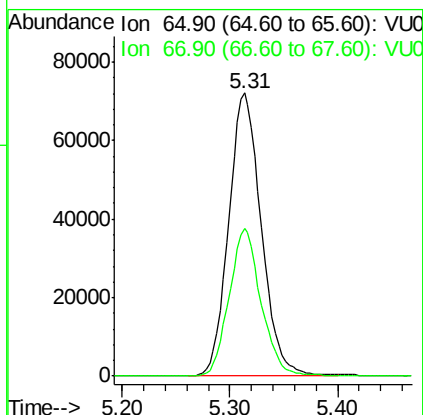
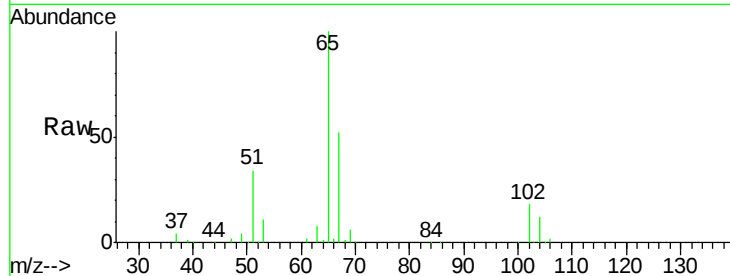




#33
 1,2-Dichloroethane-d4
 Concen: 46.028 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

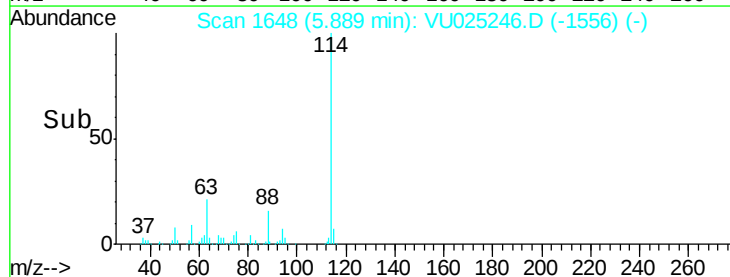
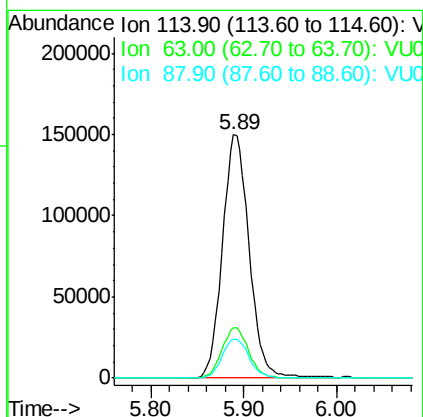
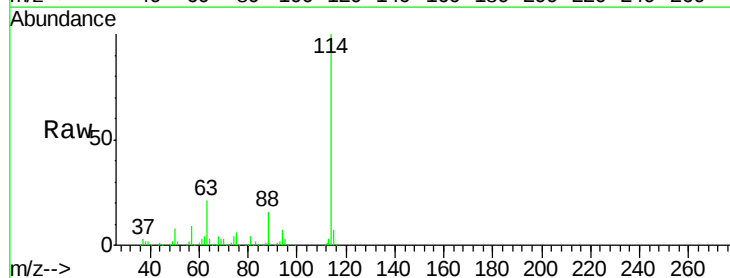
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628

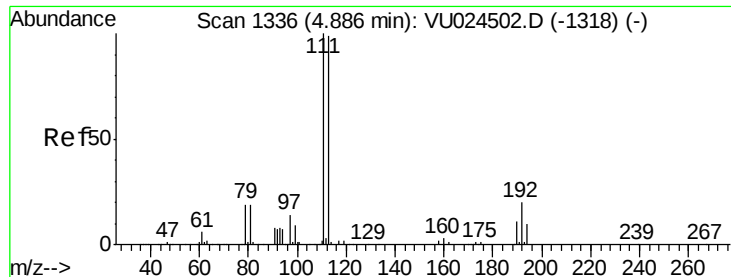
Tot Ion: 65 Resp: 152025
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

Tgt Ion: 114 Resp: 299843
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.0 0.0 31.0

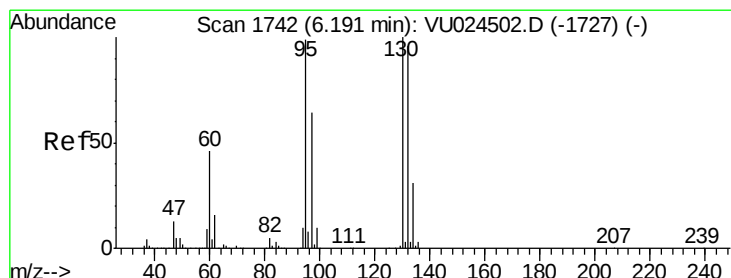
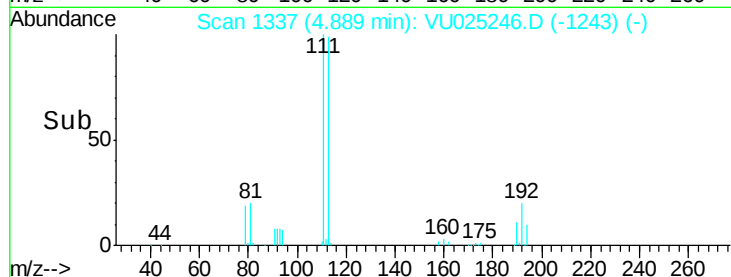
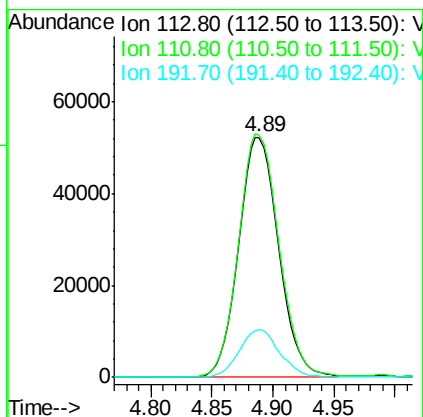
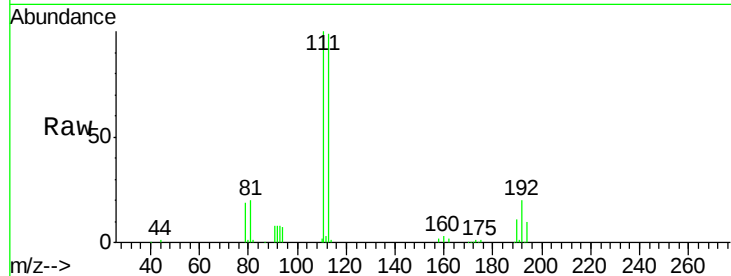




#35
Dibromofluoromethane
Concen: 47.562 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

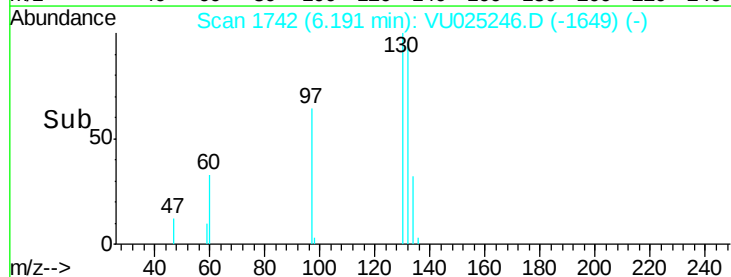
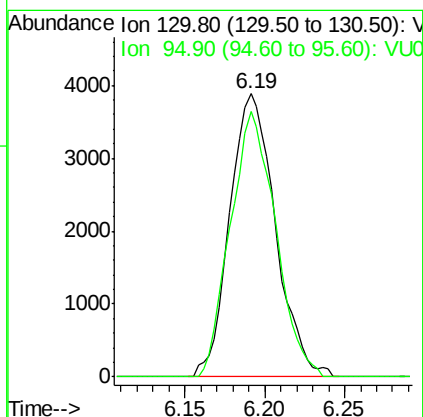
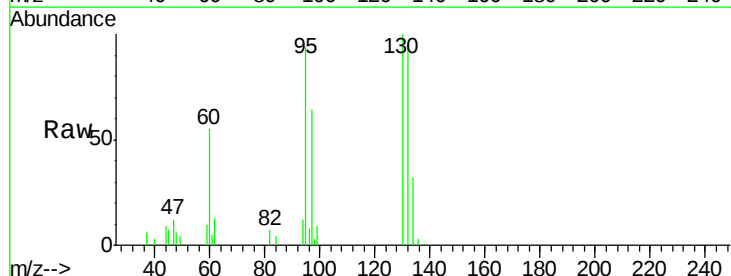
Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

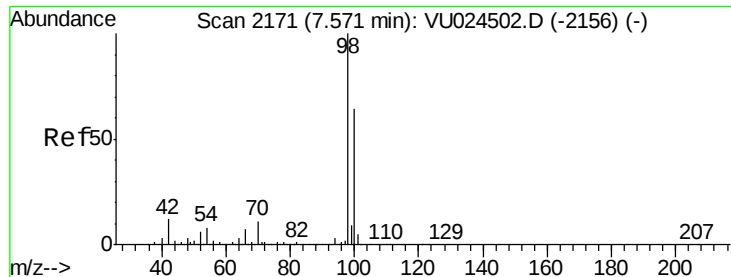
Tot Ion:113 Resp: 118356
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.1 16.2 24.4



#44
Trichloroethene
Concen: 2.647 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

Tgt Ion:130 Resp: 7563
Ion Ratio Lower Upper
130 100
95 93.6 0.0 202.4





#50

Toluene-d8

Concen: 47.957 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

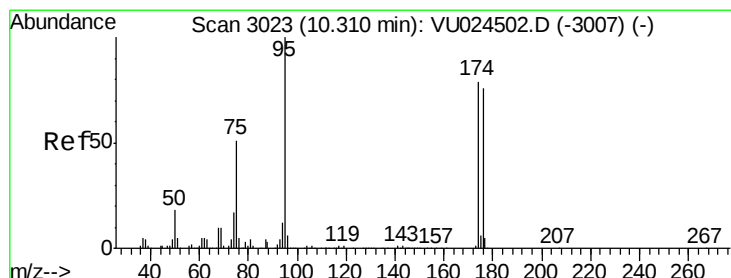
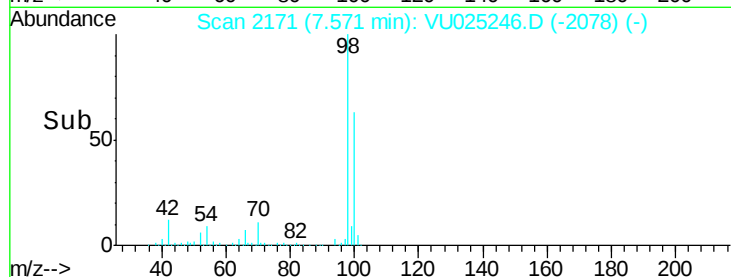
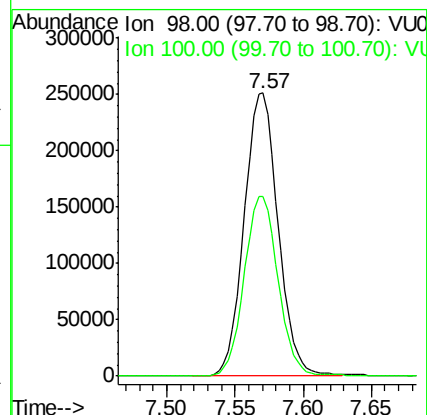
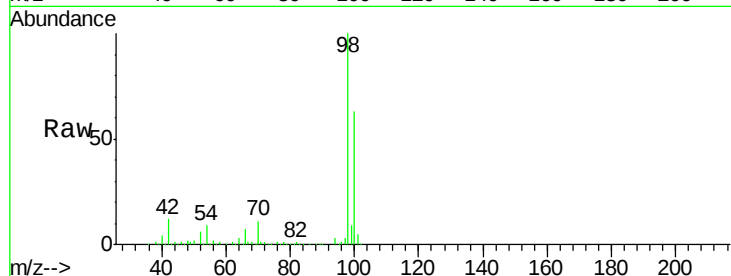
WP021MW472-180628

Tot Ion: 98 Resp: 435301

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.995 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

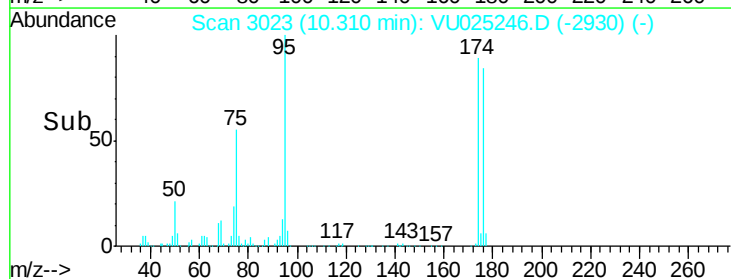
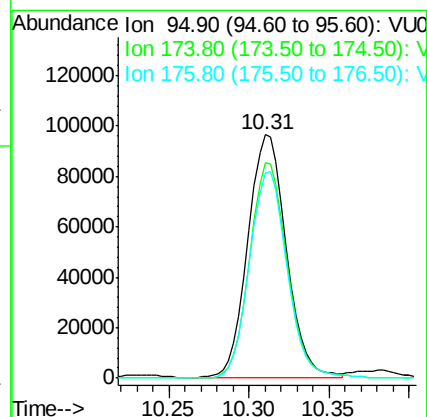
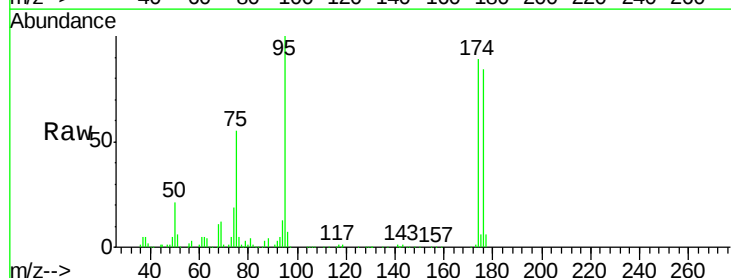
Tgt Ion: 95 Resp: 158553

Ion Ratio Lower Upper

95 100

174 86.9 0.0 165.8

176 83.5 0.0 159.4

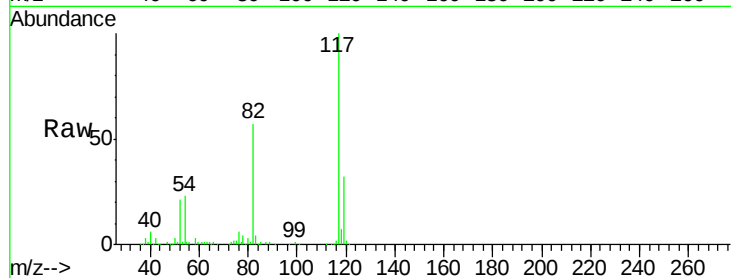




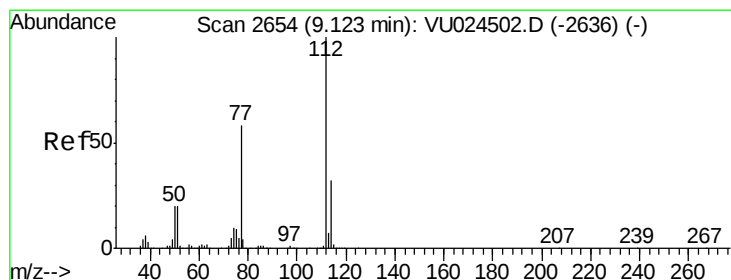
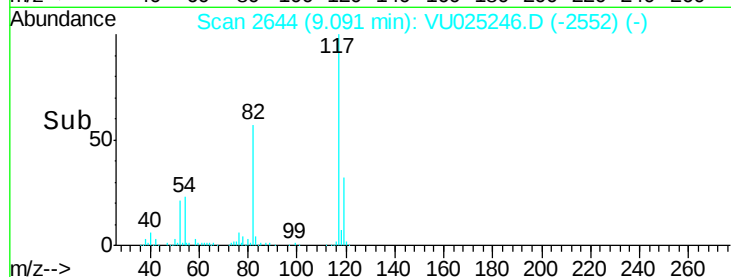
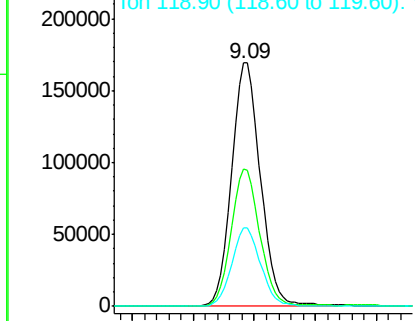
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

Instrument :
MSVOA_U
ClientSampleId :
WP021MW472-180628

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.3	66.5
119	32.3	25.4	38.2

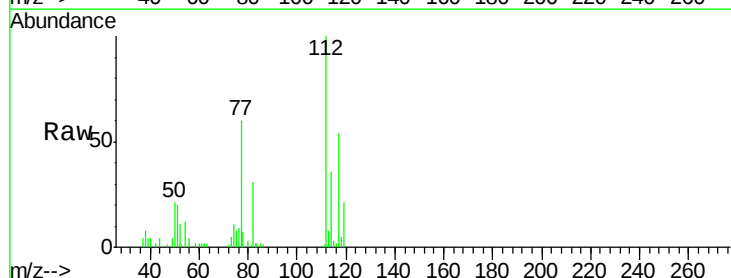


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

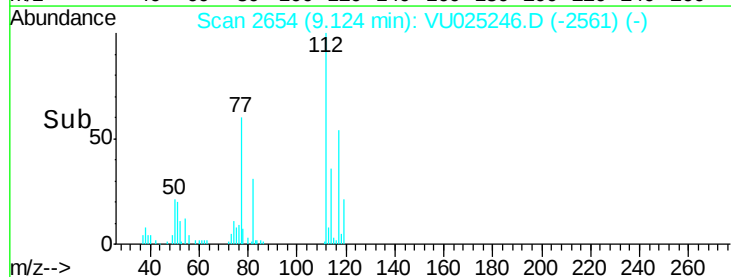
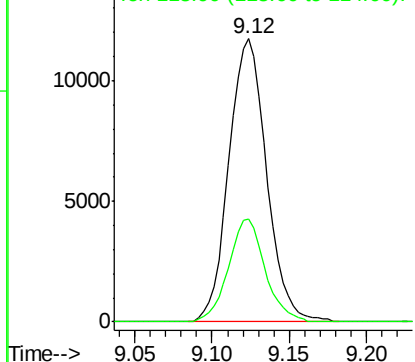


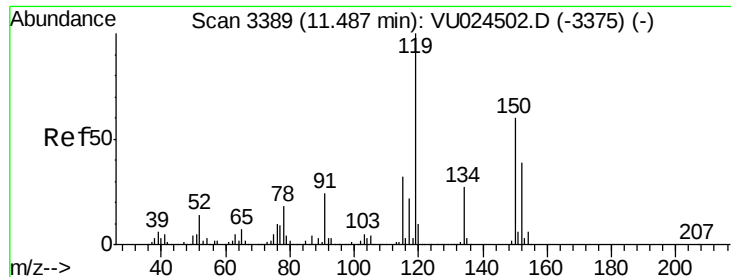
#65
Chlorobenzene
Concen: 2.784 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.5	25.6	38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

WP021MW472-180628

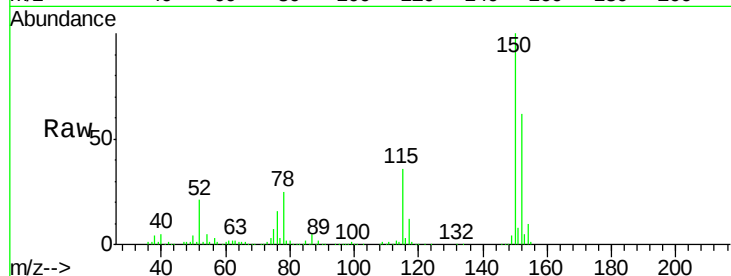
Tot Ion:152 Resp: 147377

Ion Ratio Lower Upper

152 100

115 58.6 43.0 129.0

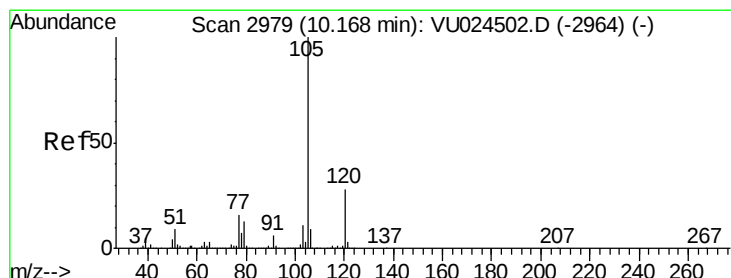
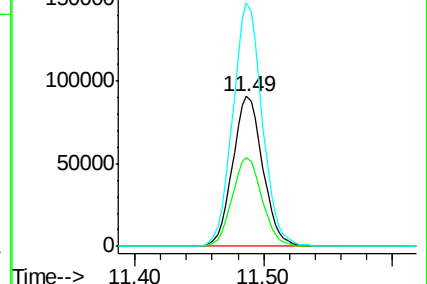
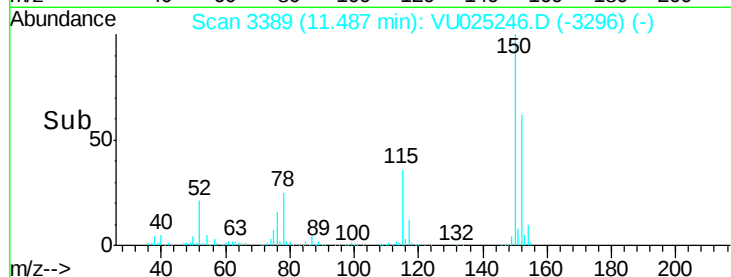
150 158.3 0.0 354.0



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: 1.041 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025246.D

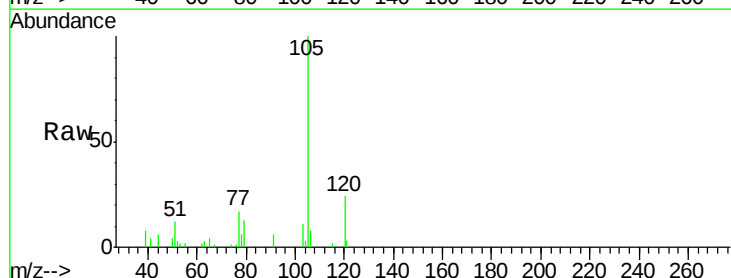
Acq: 06 Jul 2018 17:40

Tgt Ion:105 Resp: 11783

Ion Ratio Lower Upper

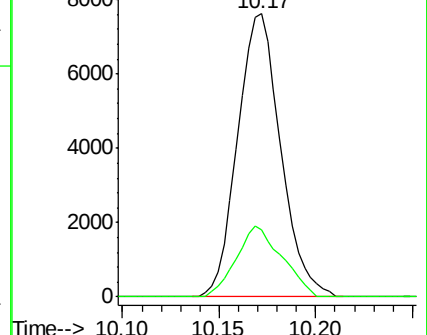
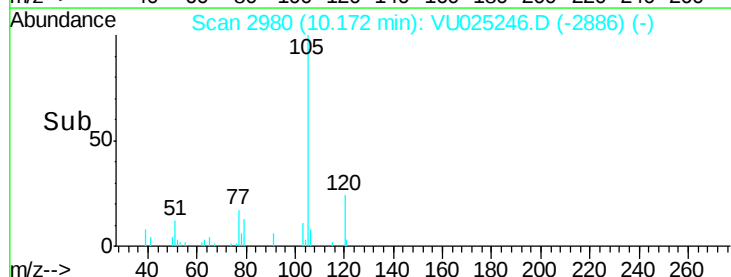
105 100

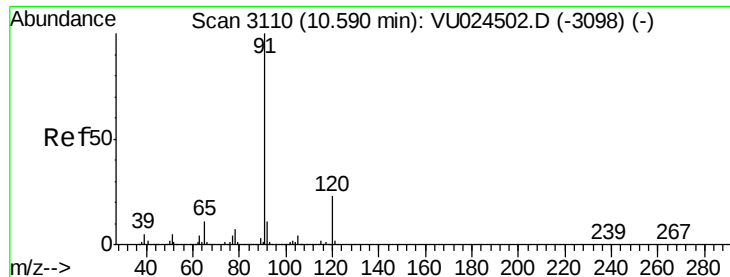
120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.434 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

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ClientSampleId :

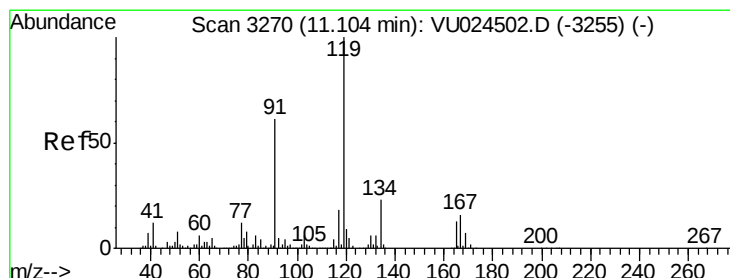
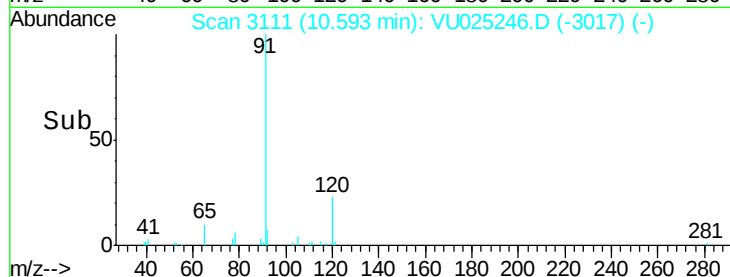
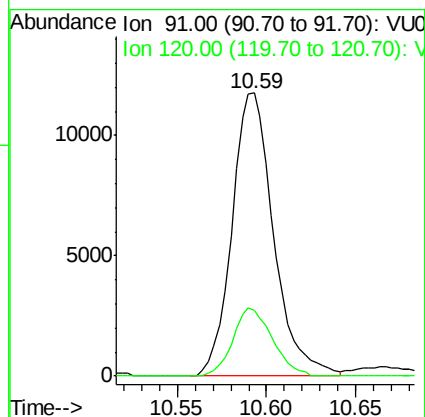
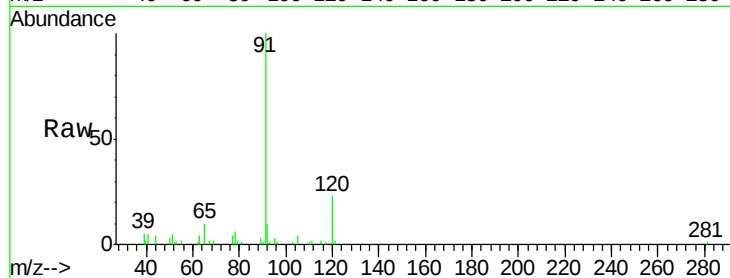
WP021MW472-180628

Tot Ion: 91 Resp: 19113

Ion Ratio Lower Upper

91 100

120 22.8 11.2 33.5



#83

tert-Butylbenzene

Concen: 5.683 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

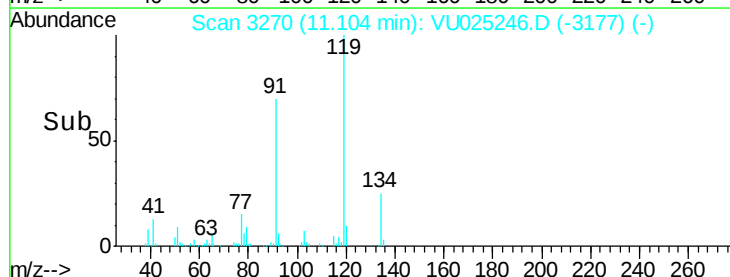
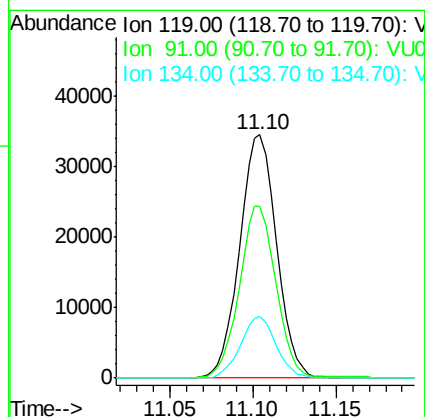
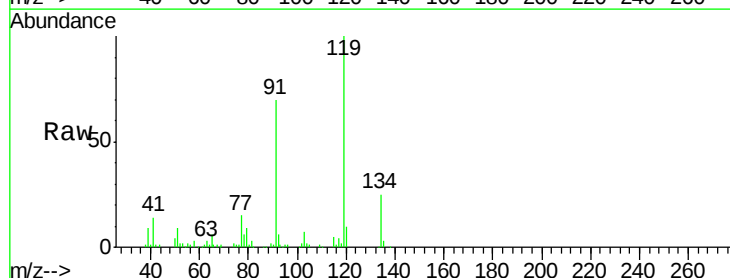
Tgt Ion: 119 Resp: 53612

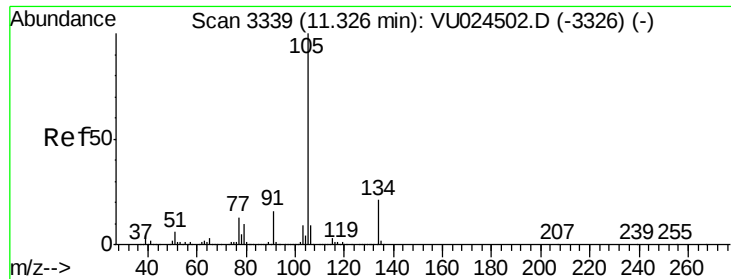
Ion Ratio Lower Upper

119 100

91 70.0 29.7 89.1

134 24.4 11.6 34.7





#85

sec-Butylbenzene

Concen: 7.266 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

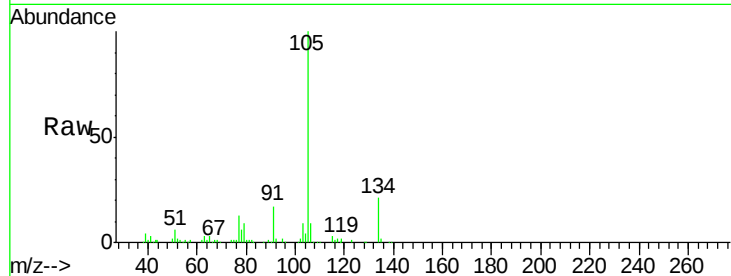
WP021MW472-180628

Tot Ion:105 Resp: 85805

Ion Ratio Lower Upper

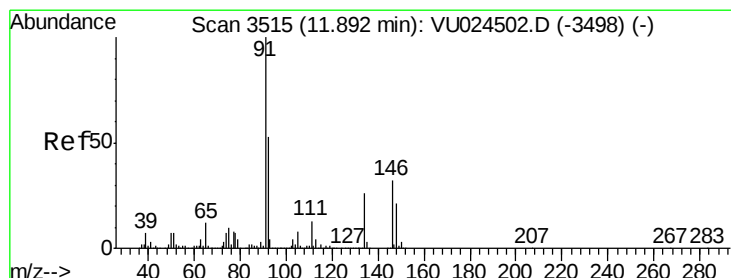
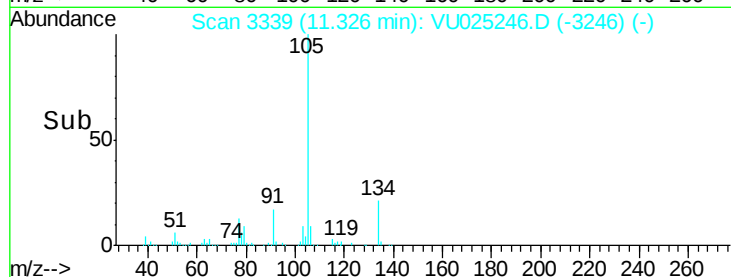
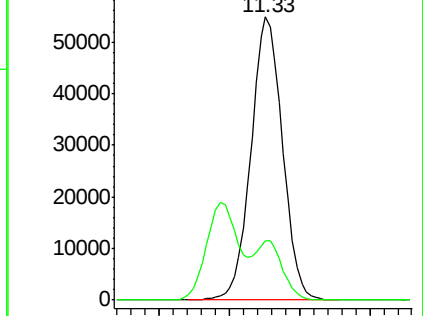
105 100

134 17.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 1.117 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

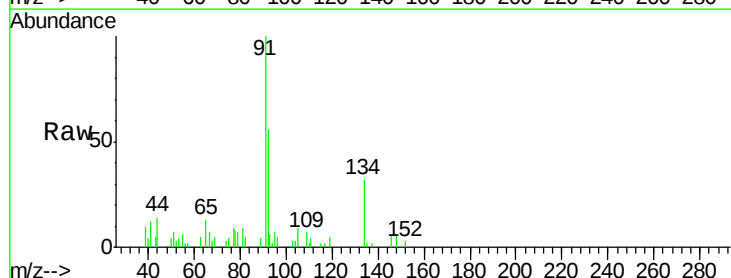
Tgt Ion: 91 Resp: 10489

Ion Ratio Lower Upper

91 100

92 41.6 25.6 76.8

134 0.0 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

