

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025123.D
 Acq On : 01 Jul 2018 06:32
 Operator : MD/SY
 Sample : J3789-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2R

Quant Time: Jul 02 08:24:54 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

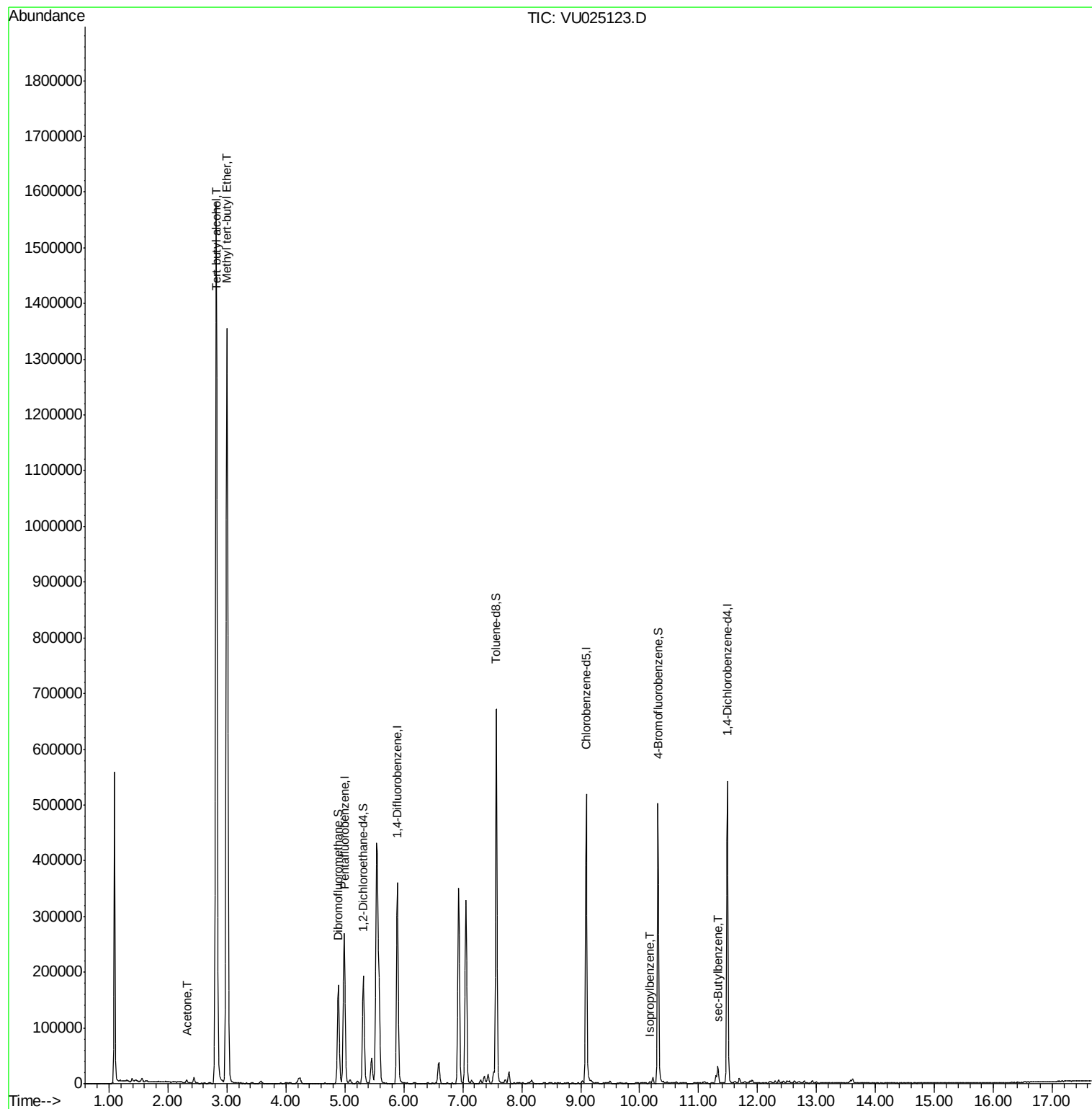
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301561	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	280222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157268	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	4.89	113	119486	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	7.57	98	441682	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	10.31	95	160666	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	1818819	2234.15	ug/l	Qvalue 100
16) Acetone	2.32	43	5144	2.86	ug/l	92
19) Methyl tert-butyl Ether	3.00	73	1444298	164.57	ug/l	96
73) Isopropylbenzene	10.17	105	2302	0.21	ug/l	94
85) sec-Butylbenzene	11.33	105	18606	1.63	ug/l	96

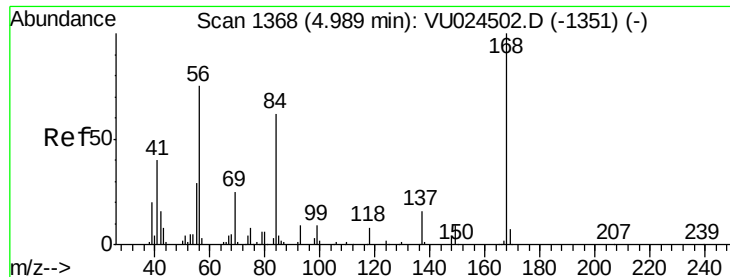
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU025123.D

Acq: 01 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

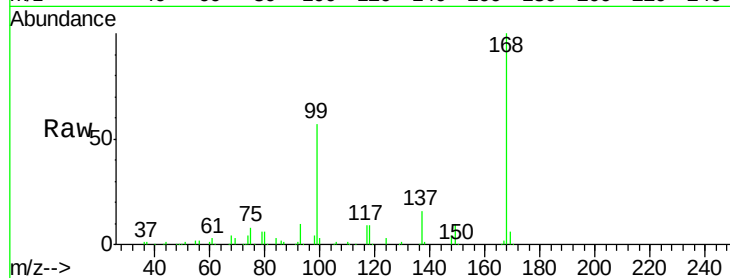
MW-2R

Tot Ion:168 Resp: 205040

Ion Ratio Lower Upper

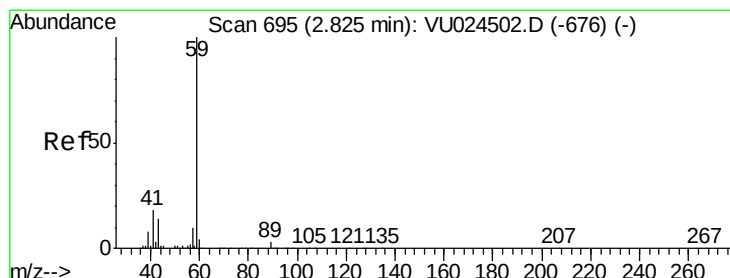
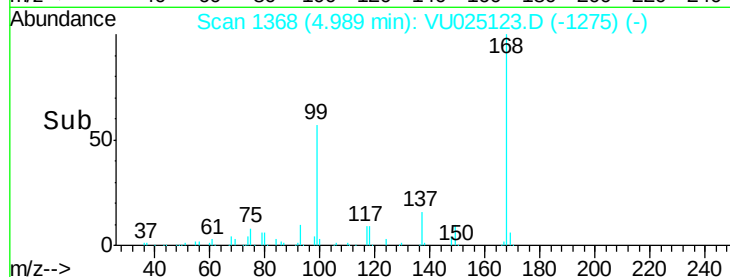
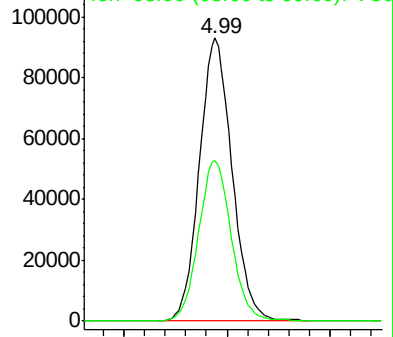
168 100

99 56.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#11

Tert butyl alcohol

Concen: 2234.15 ug/l

RT: 2.82 min Scan# 693

Delta R.T. -0.01 min

Lab File: VU025123.D

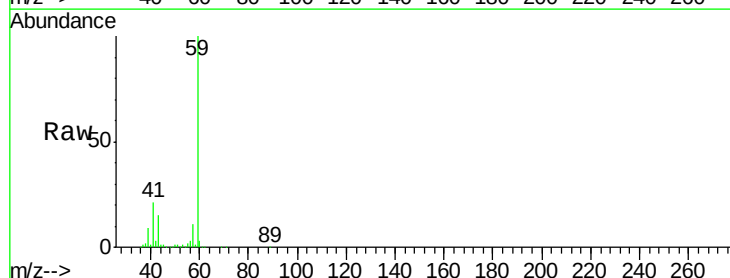
Acq: 01 Jul 2018 06:32

Tgt Ion: 59 Resp: 1818819

Ion Ratio Lower Upper

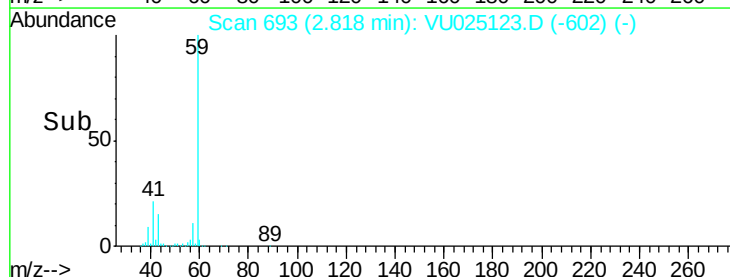
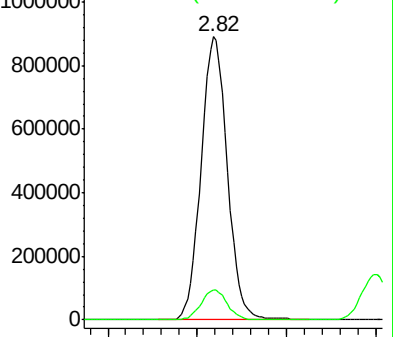
59 100

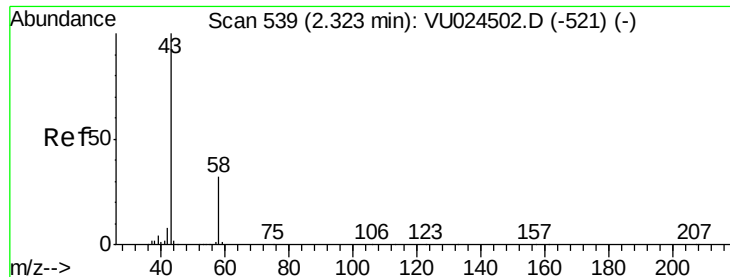
57 10.5 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#16

Acetone

Concen: 2.86 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025123.D

Acq: 01 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

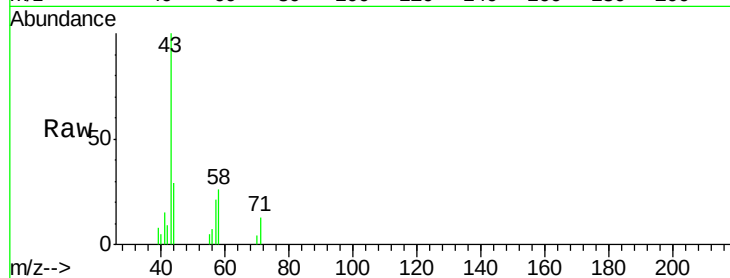
MW-2R

Tot Ion: 43 Resp: 5144

Ion Ratio Lower Upper

43 100

58 26.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

3000

2500

2000

1500

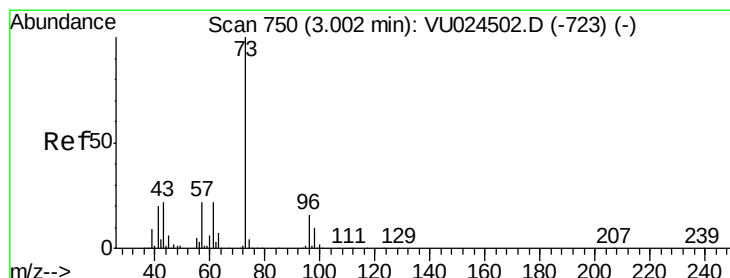
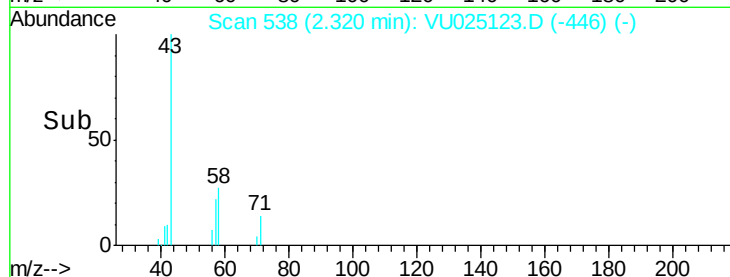
1000

500

0

Time-->

2.25 2.30 2.35 2.40



#19

Methyl tert-butyl Ether

Concen: 164.57 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025123.D

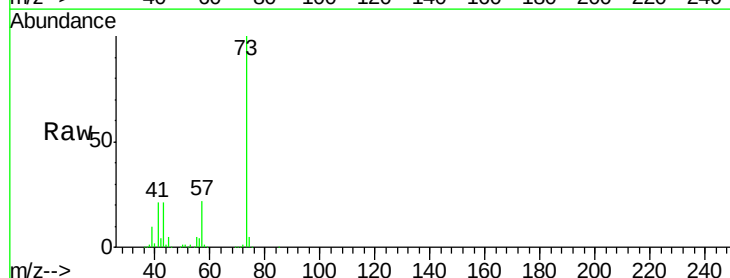
Acq: 01 Jul 2018 06:32

Tgt Ion: 73 Resp: 1444298

Ion Ratio Lower Upper

73 100

57 21.6 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

3.00

600000

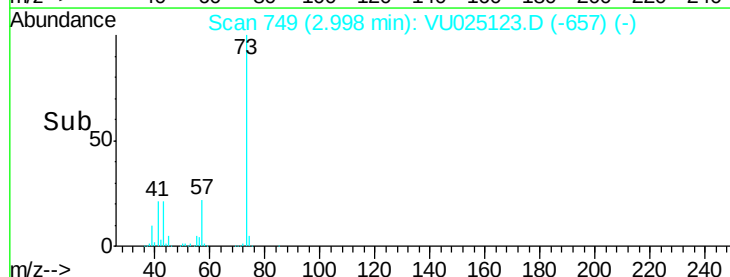
400000

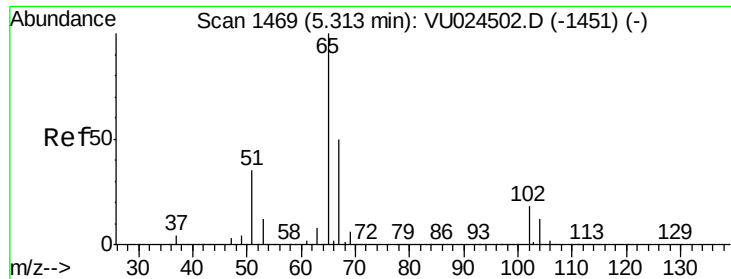
200000

0

Time-->

2.90 3.00 3.10 3.20

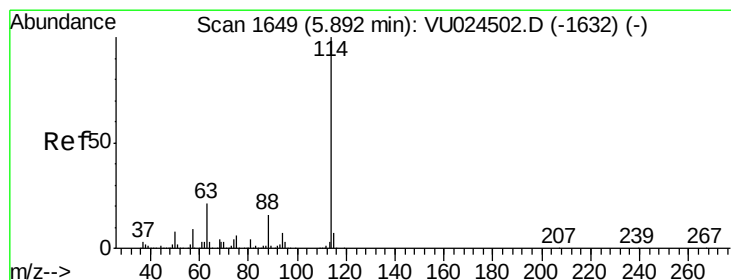
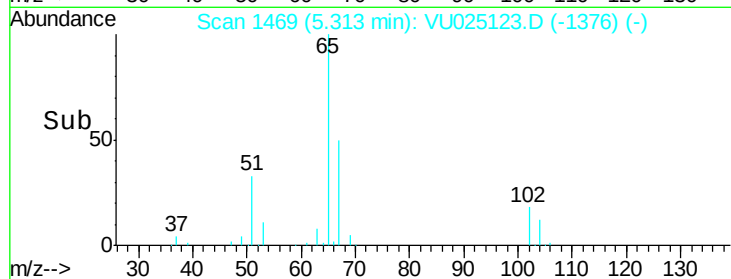
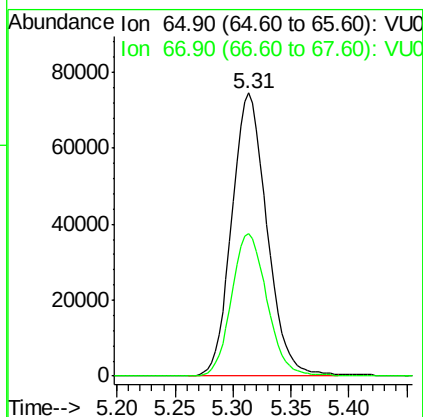
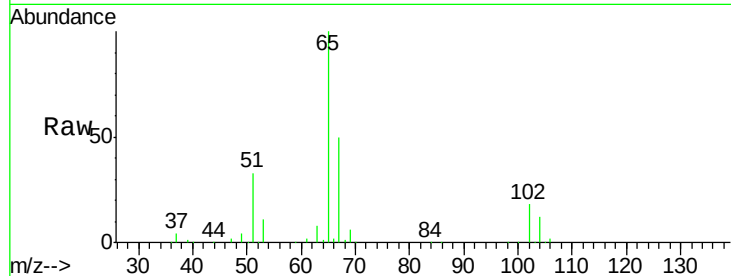




#33
 1,2-Dichloroethane-d4
 Concen: 46.98 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025123.D
 Acq: 01 Jul 2018 06:32

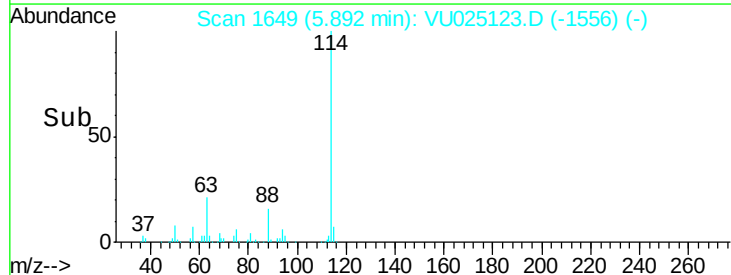
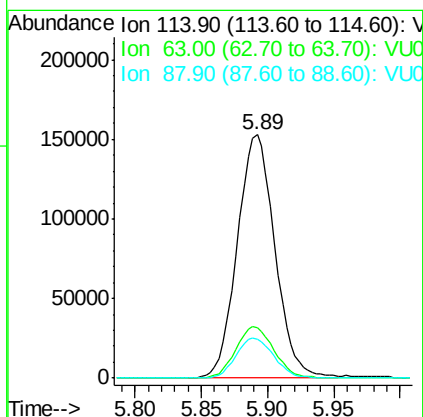
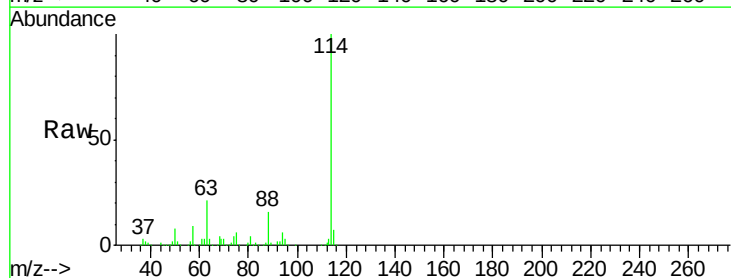
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2R

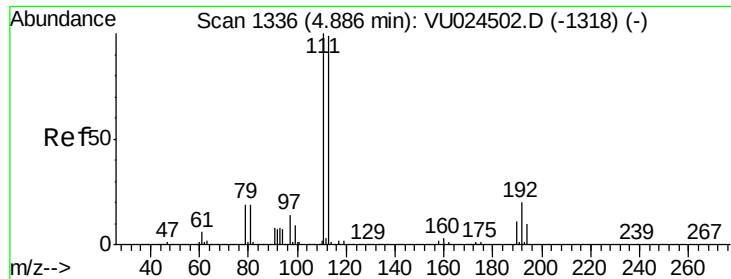
Tot Ion: 65 Resp: 157268
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025123.D
 Acq: 01 Jul 2018 06:32

Tgt Ion: 114 Resp: 301561
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.0 0.0 31.0

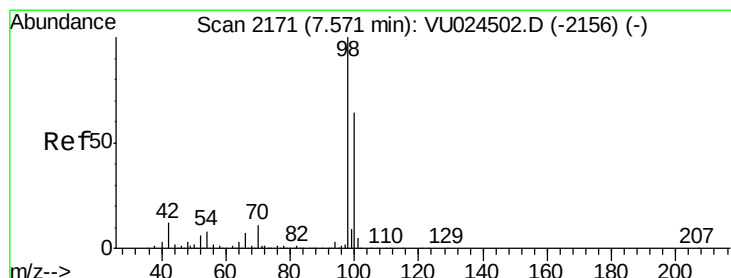
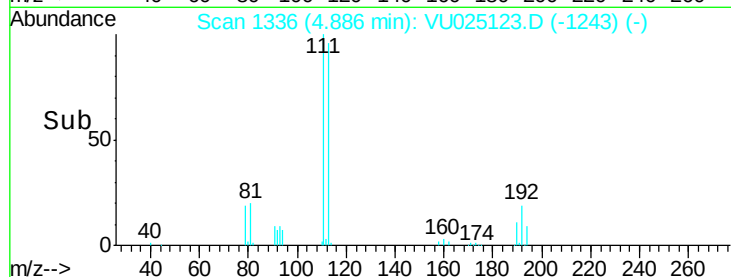
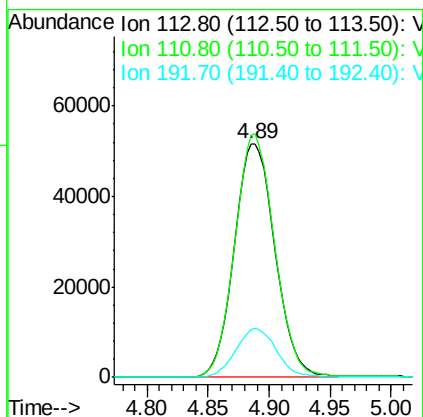
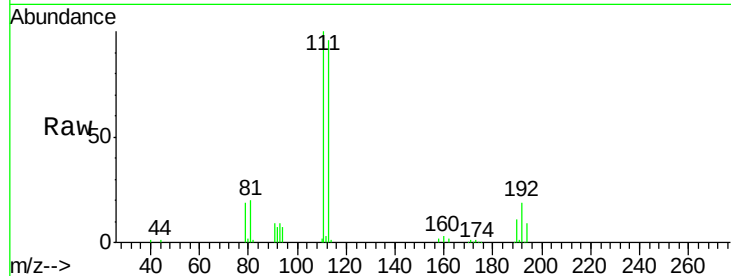




#35
 Dibromofluoromethane
 Concen: 47.74 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025123.D
 Acq: 01 Jul 2018 06:32

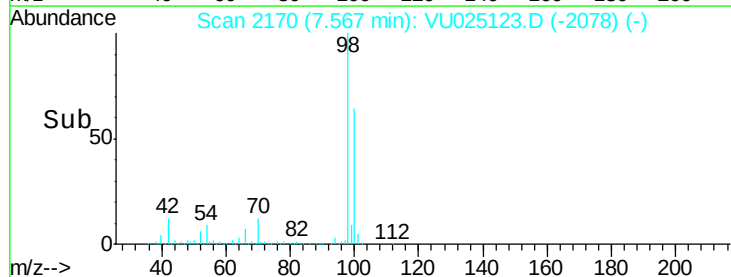
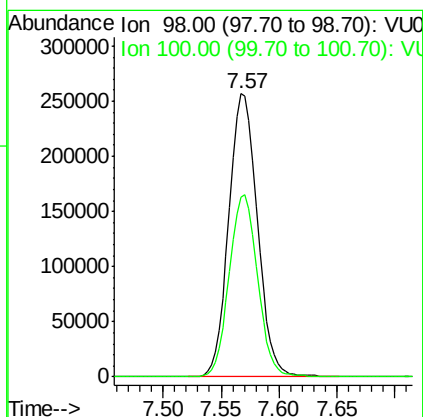
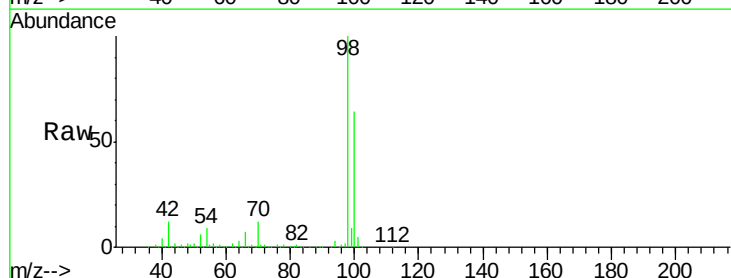
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2R

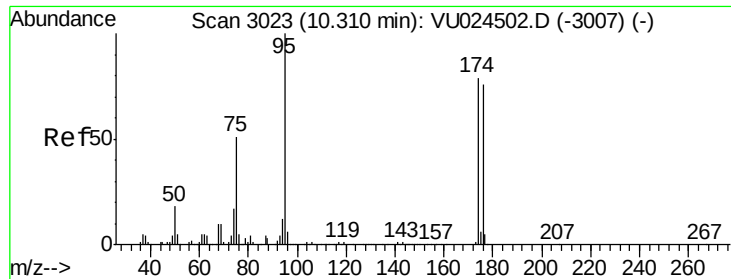
Tot Ion:113 Resp: 119486
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.4
 192 20.8 16.2 24.4



#50
 Toluene-d8
 Concen: 48.38 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025123.D
 Acq: 01 Jul 2018 06:32

Tgt Ion: 98 Resp: 441682
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.33 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025123.D

Acq: 01 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

MW-2R

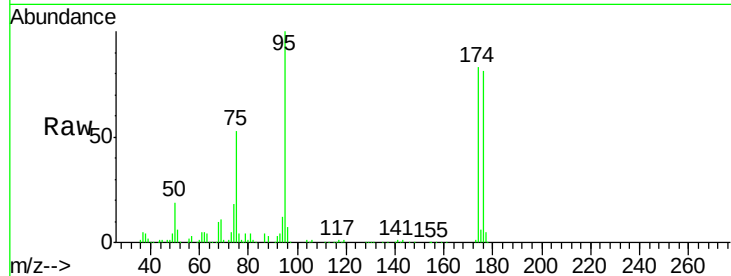
Tot Ion: 95 Resp: 160666

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

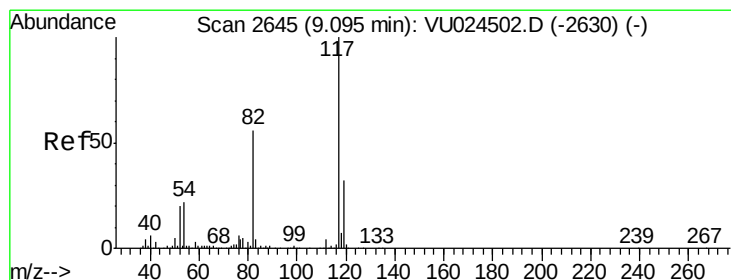
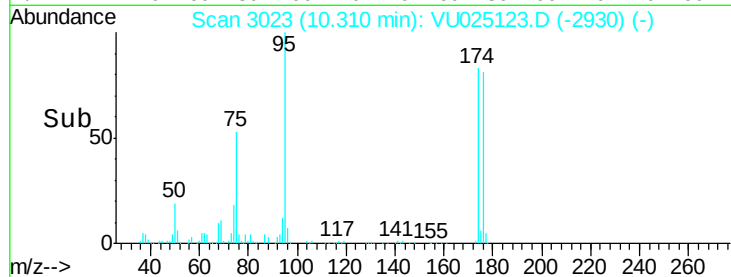
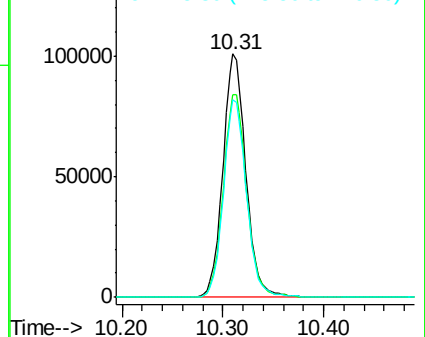
176 81.4 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025123.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025123.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025123.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025123.D

Acq: 01 Jul 2018 06:32

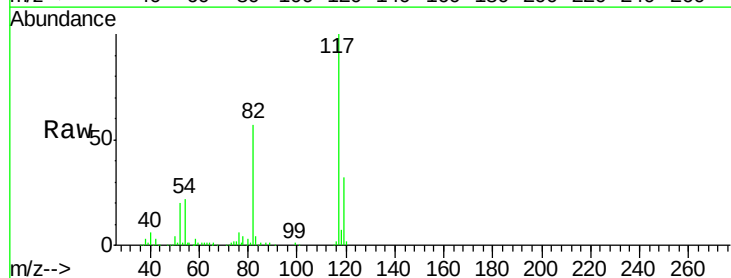
Tgt Ion: 117 Resp: 280222

Ion Ratio Lower Upper

117 100

82 56.6 44.3 66.5

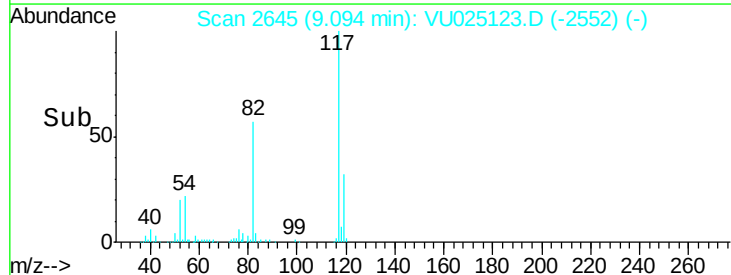
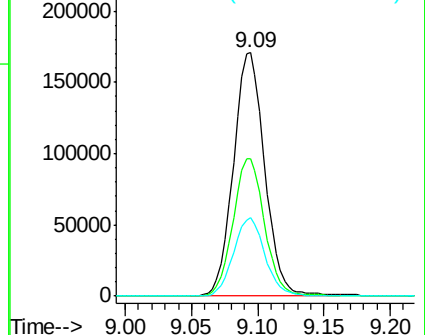
119 32.1 25.4 38.2

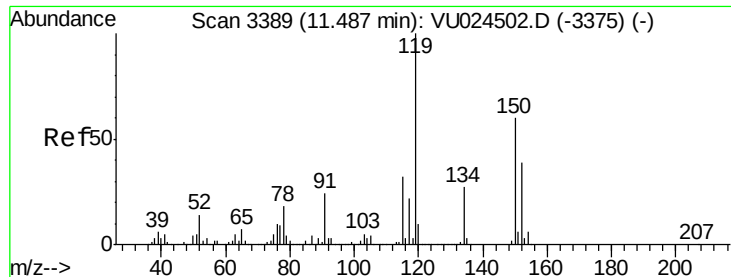


Abundance Ion 116.90 (116.60 to 117.60): VU025123.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025123.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025123.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025123.D

Acq: 01 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

MW-2R

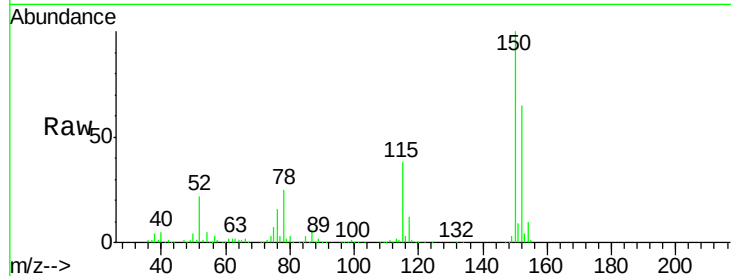
Tot Ion:152 Resp: 142642

Ion Ratio Lower Upper

152 100

115 59.4 43.0 129.0

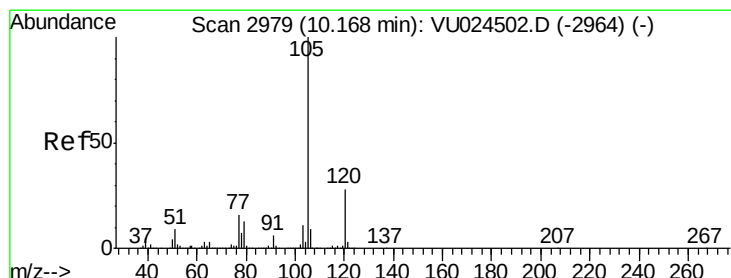
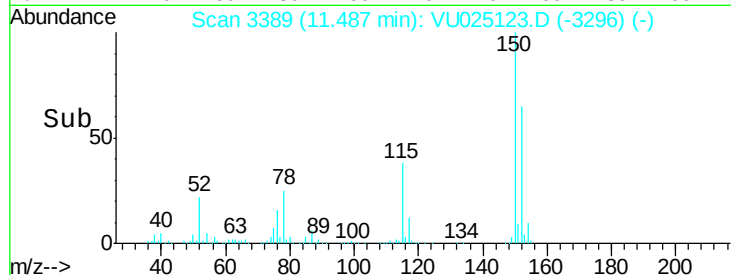
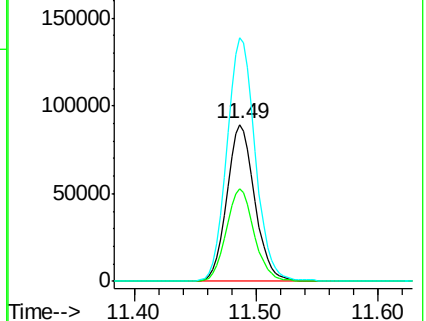
150 158.3 0.0 354.0



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: 0.21 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025123.D

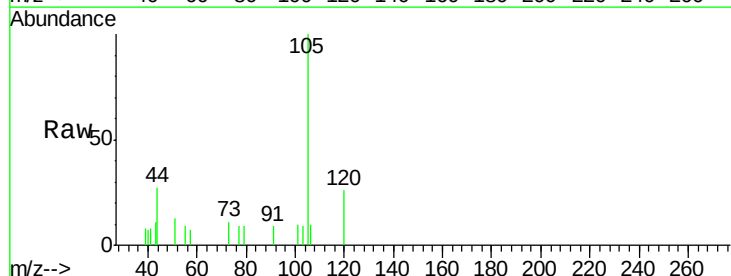
Acq: 01 Jul 2018 06:32

Tgt Ion:105 Resp: 2302

Ion Ratio Lower Upper

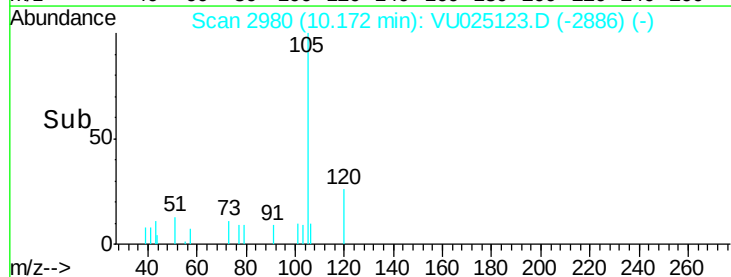
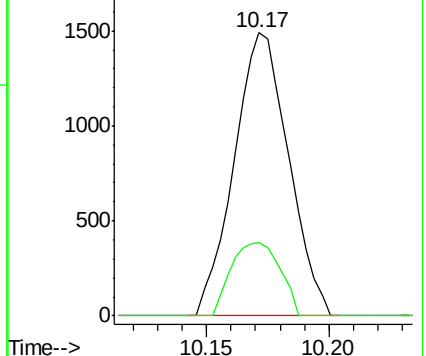
105 100

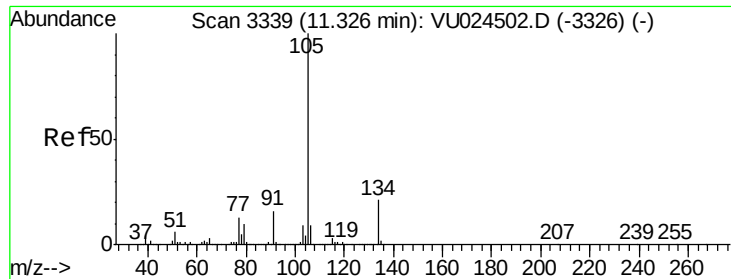
120 23.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.63 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025123.D

Acq: 01 Jul 2018 06:32

Instrument :

MSVOA_U

ClientSampleId :

MW-2R

Tot Ion:105 Resp: 18606

Ion Ratio Lower Upper

105 100

134 21.1 9.7 29.1

