

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024683.D
 Acq On : 18 Jun 2018 11:47
 Operator : MD/SY
 Sample : J3463-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218

Quant Time: Jun 19 10:06:41 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

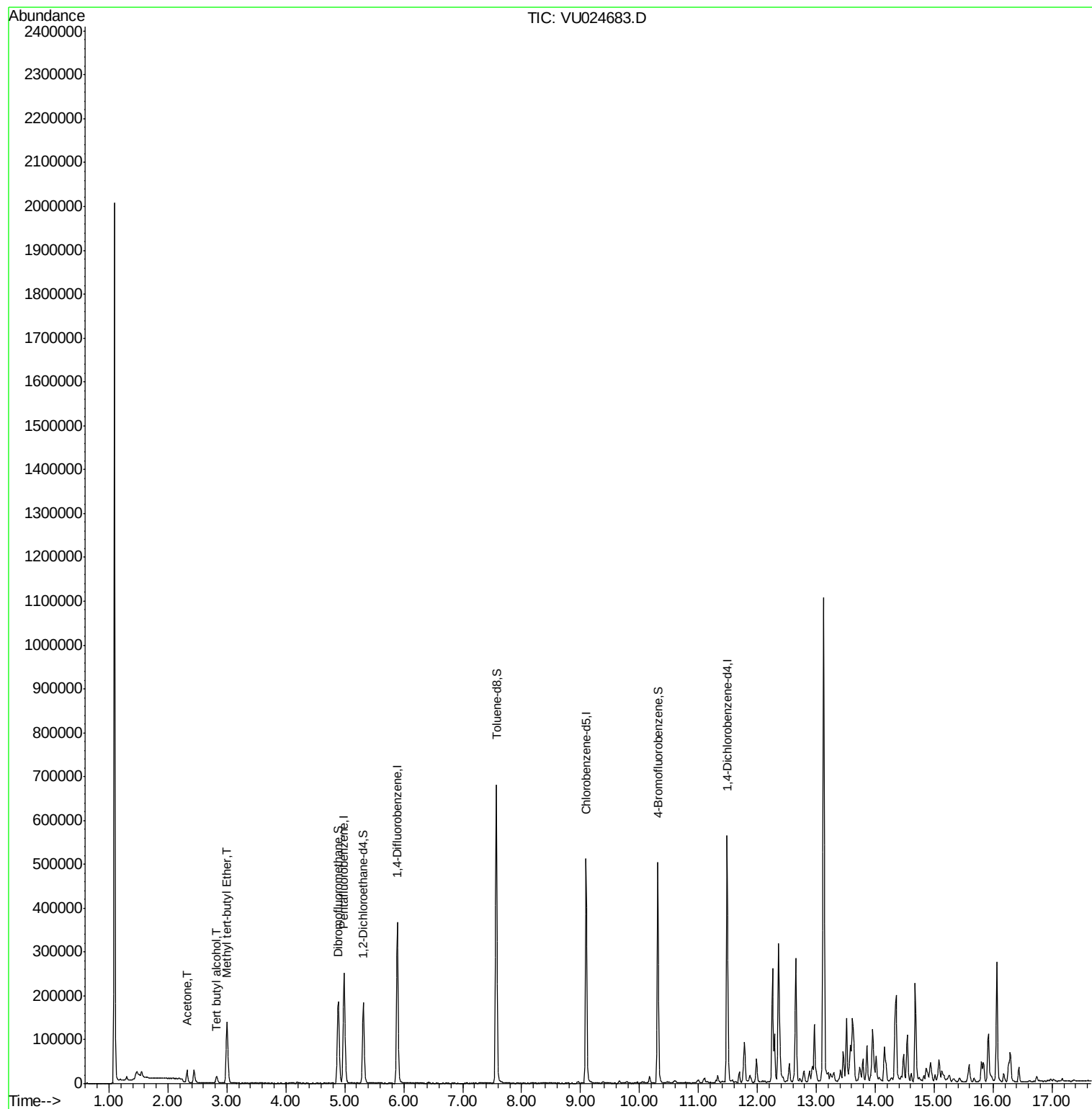
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316777	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	140120	42.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.60%	
35) Dibromofluoromethane	4.89	113	126527	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	7.57	98	463636	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	10.31	95	161387	42.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.78%	
Target Compounds						
11) Tert butyl alcohol	2.82	59	19094	23.98	ug/l	96
16) Acetone	2.32	43	27947	15.89	ug/l	95
19) Methyl tert-butyl Ether	3.00	73	153286	17.86	ug/l	98

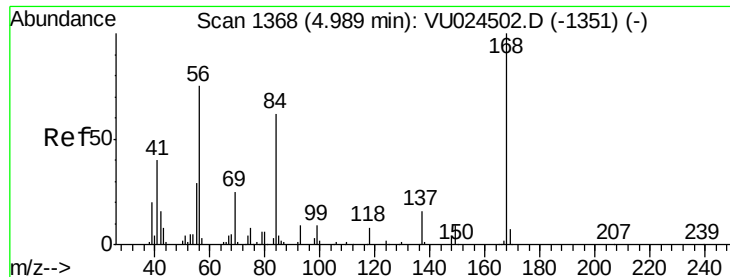
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024683.D

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MSVOA_U

ClientSampleId :

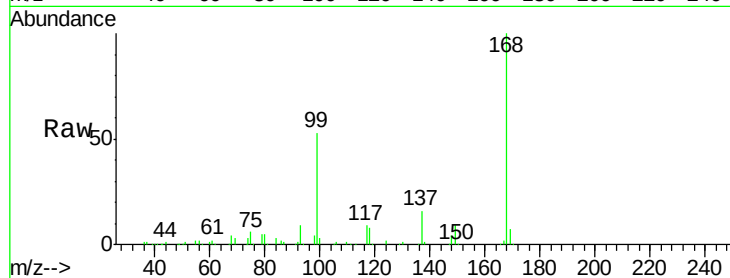
T11-MW-10-8.0-061218

Tot Ion:168 Resp: 200524

Ion Ratio Lower Upper

168 100

99 53.2 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

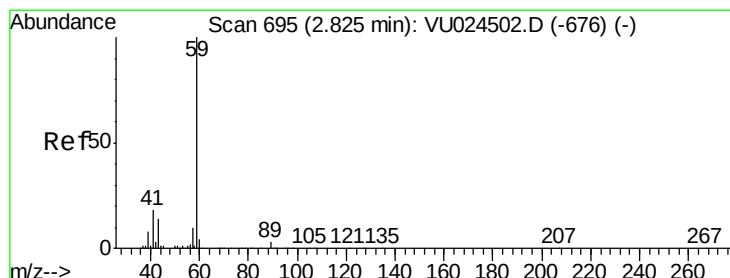
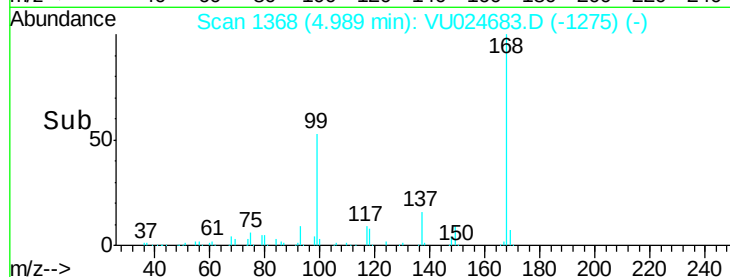
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 23.98 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU024683.D

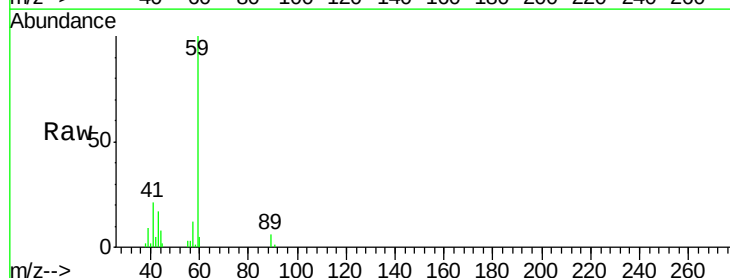
Acq: 18 Jun 2018 11:47

Tgt Ion: 59 Resp: 19094

Ion Ratio Lower Upper

59 100

57 12.1 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.82

10000

8000

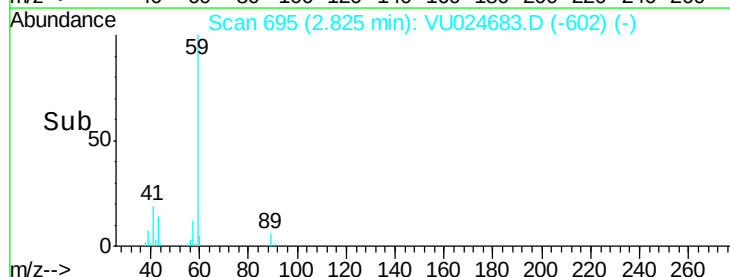
6000

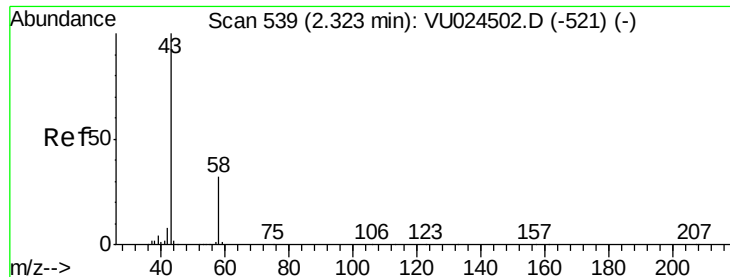
4000

2000

0

Time-->





#16

Acetone

Concen: 15.89 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024683.D

Acq: 18 Jun 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

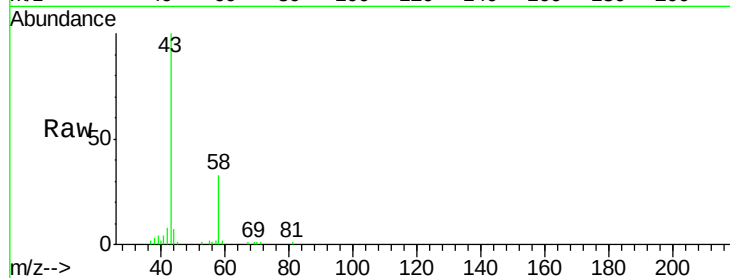
T11-MW-10-8.0-061218

Tot Ion: 43 Resp: 27947

Ion Ratio Lower Upper

43 100

58 33.3 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

20000

15000

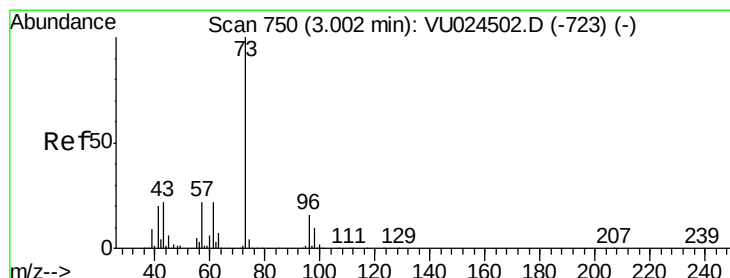
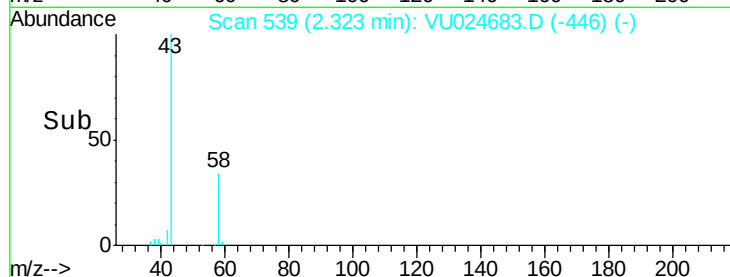
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#19

Methyl tert-butyl Ether

Concen: 17.86 ug/l

RT: 3.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU024683.D

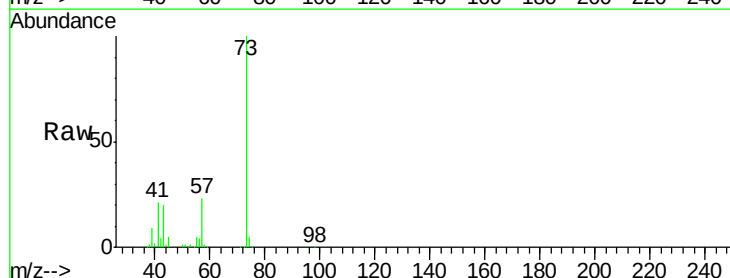
Acq: 18 Jun 2018 11:47

Tgt Ion: 73 Resp: 153286

Ion Ratio Lower Upper

73 100

57 22.6 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

80000

60000

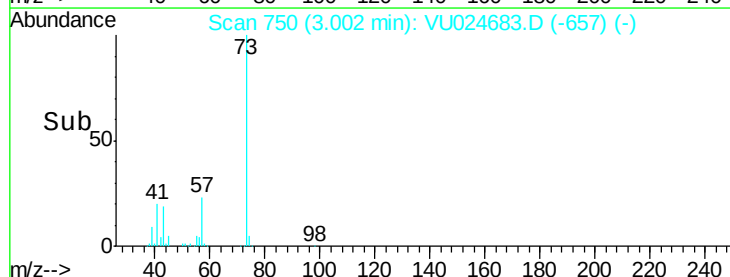
40000

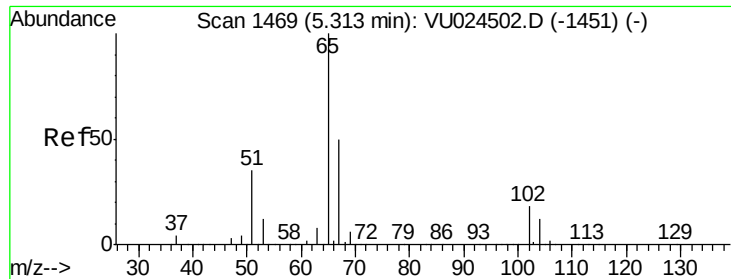
20000

0

Time-->

2.90 2.95 3.00 3.05 3.10

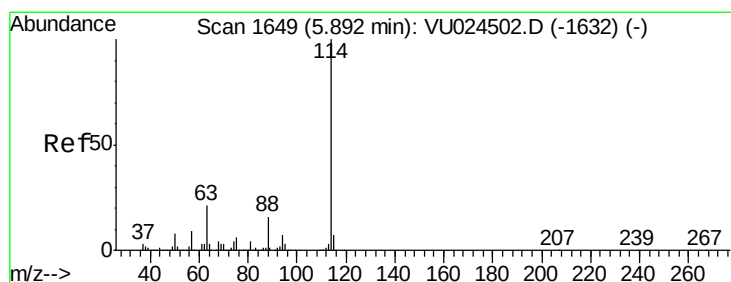
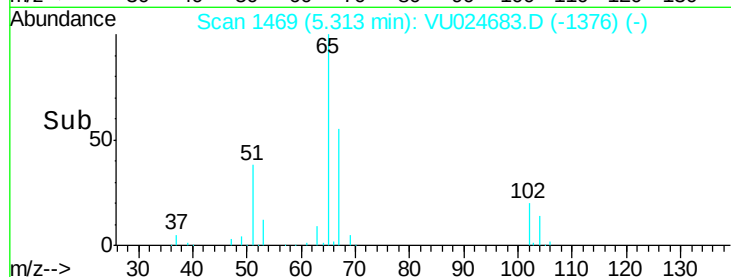
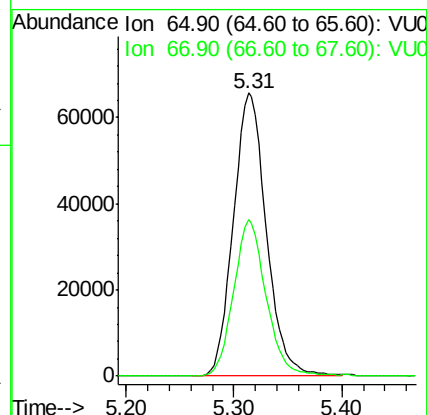
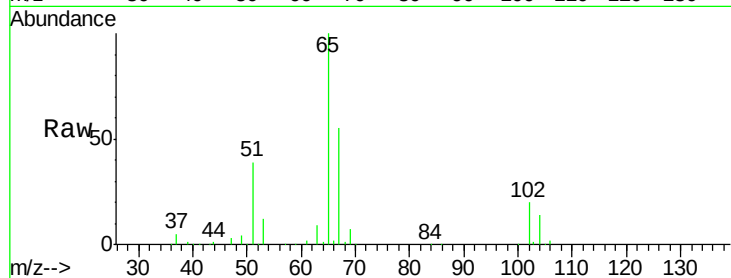




#33
 1,2-Dichloroethane-d4
 Concen: 42.80 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024683.D
 Acq: 18 Jun 2018 11:47

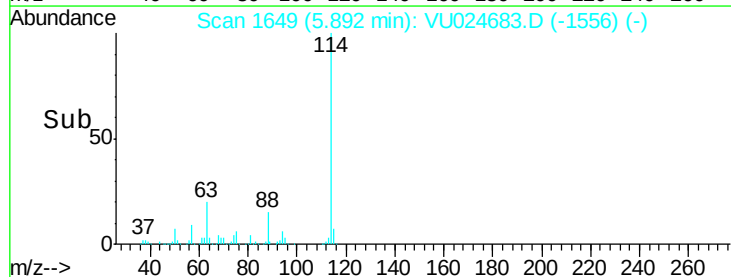
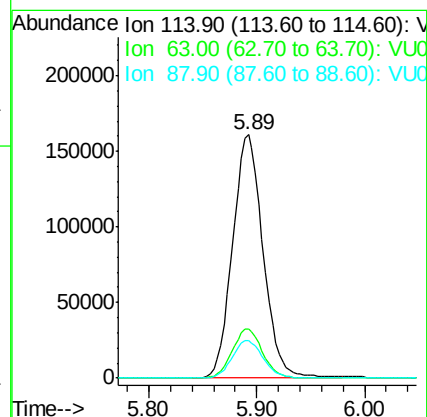
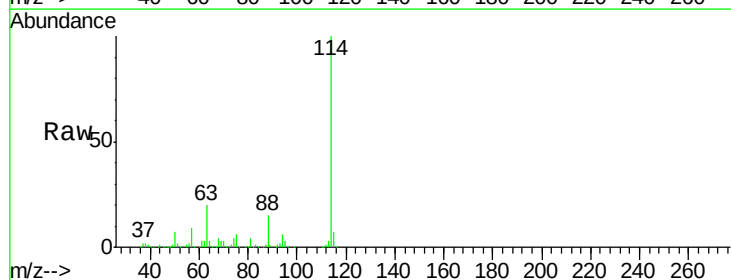
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218

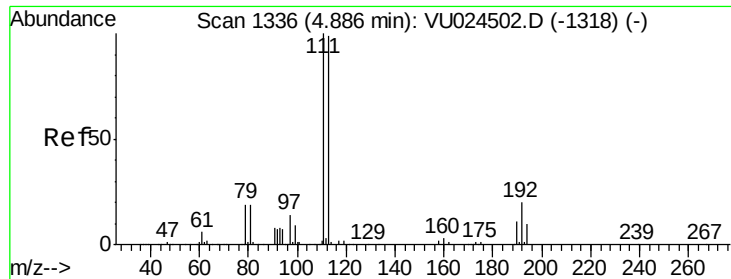
Tot Ion: 65 Resp: 140120
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024683.D
 Acq: 18 Jun 2018 11:47

Tgt Ion: 114 Resp: 316777
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 15.4 0.0 31.0

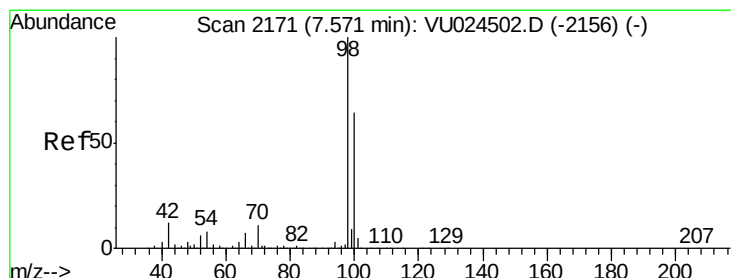
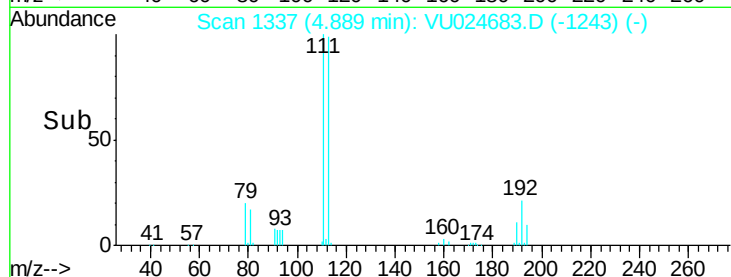
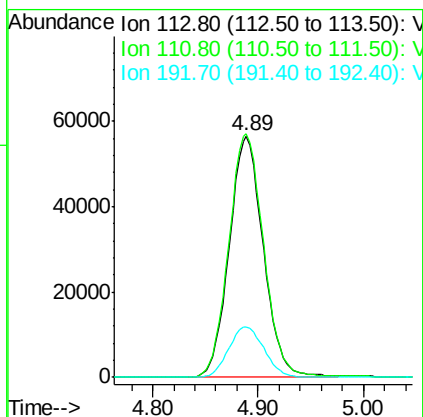
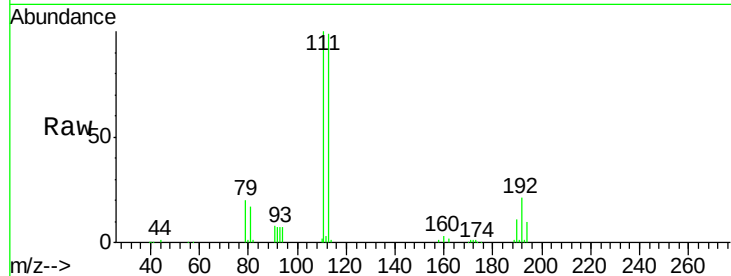




#35
Dibromofluoromethane
Concen: 48.13 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024683.D
Acq: 18 Jun 2018 11:47

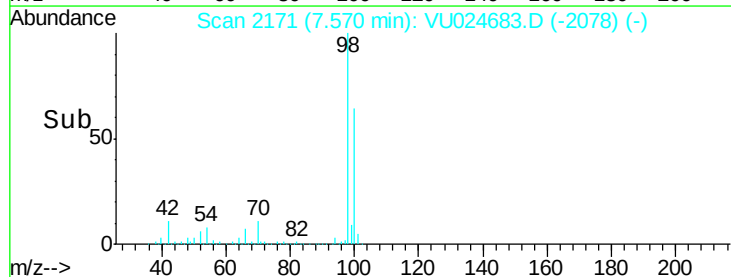
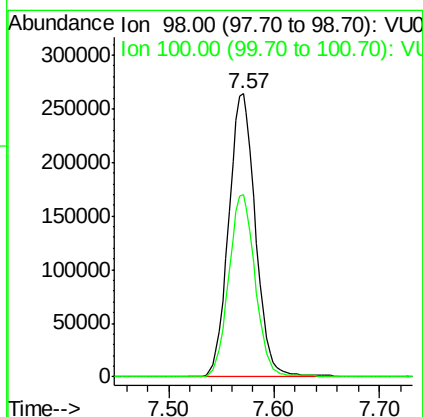
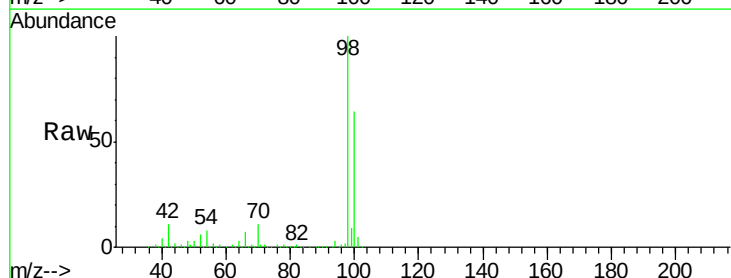
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218

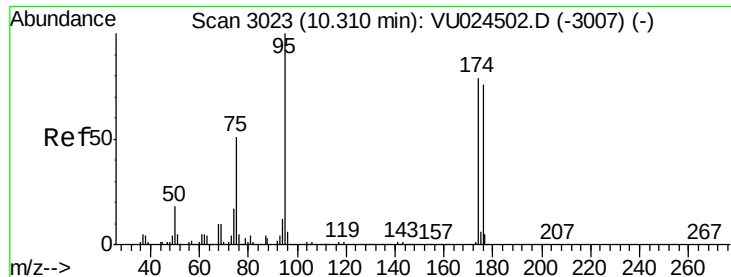
Tot Ion:113 Resp: 126527
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.8 16.2 24.4



#50
Toluene-d8
Concen: 48.35 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024683.D
Acq: 18 Jun 2018 11:47

Tgt Ion: 98 Resp: 463636
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 42.39 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024683.D

Acq: 18 Jun 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218

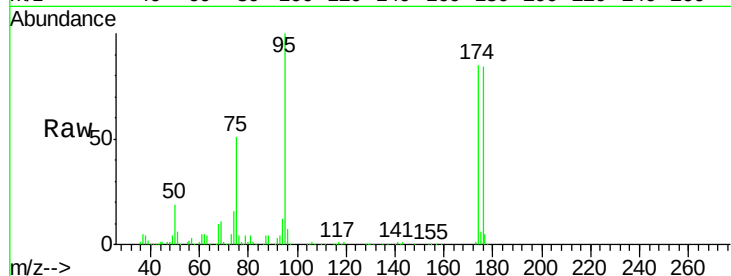
Tot Ion: 95 Resp: 161387

Ion Ratio Lower Upper

95 100

174 86.5 0.0 165.8

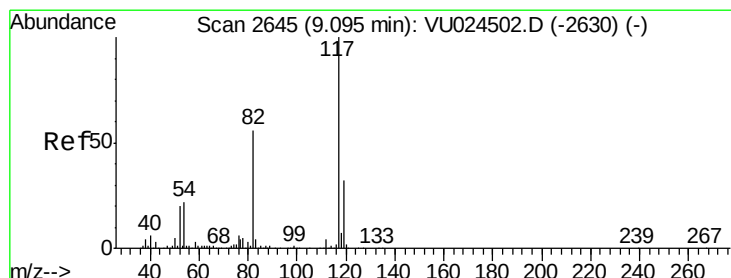
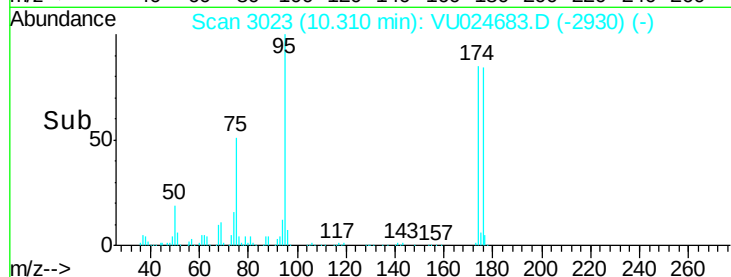
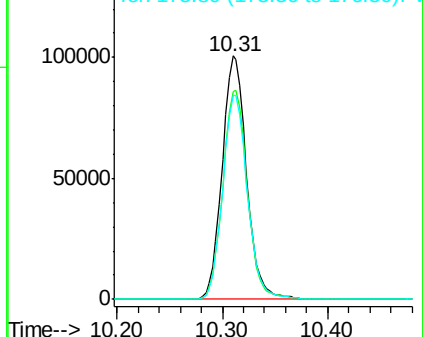
176 84.9 0.0 159.4



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: VU024683.D

Acq: 18 Jun 2018 11:47

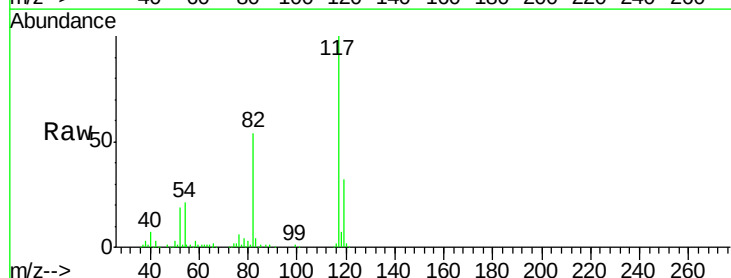
Tgt Ion: 117 Resp: 292894

Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

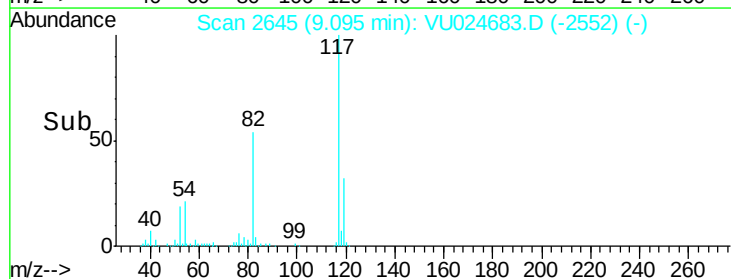
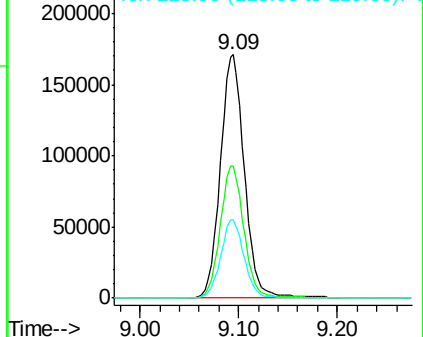
119 32.3 25.4 38.2

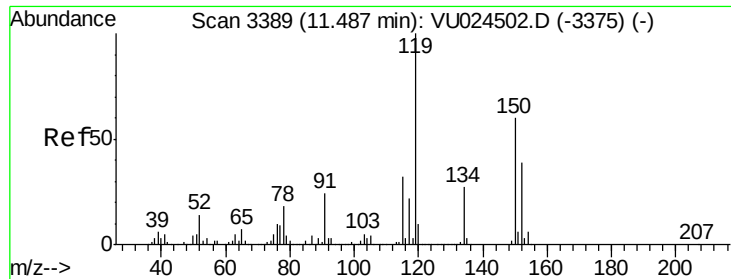


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

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: VU024683.D

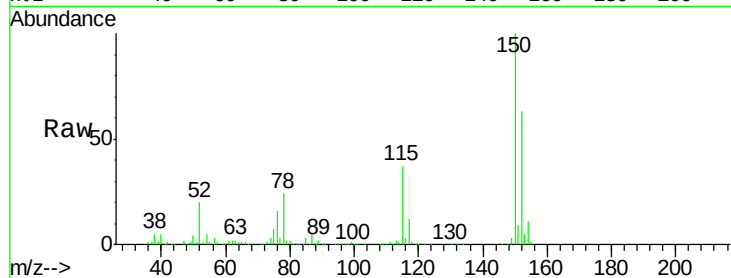
Acq: 18 Jun 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218



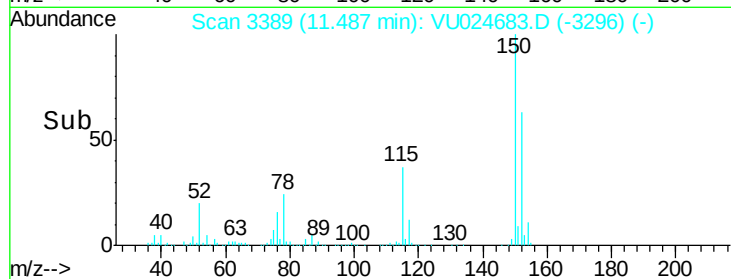
Tot Ion:152 Resp: 151165

Ion Ratio Lower Upper

152 100

115 57.5 43.0 129.0

150 156.0 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

