

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024698.D
 Acq On : 18 Jun 2018 17:49
 Operator : MD/SY
 Sample : J3463-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-15-8.0-061218

Quant Time: Jun 19 06:59:25 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

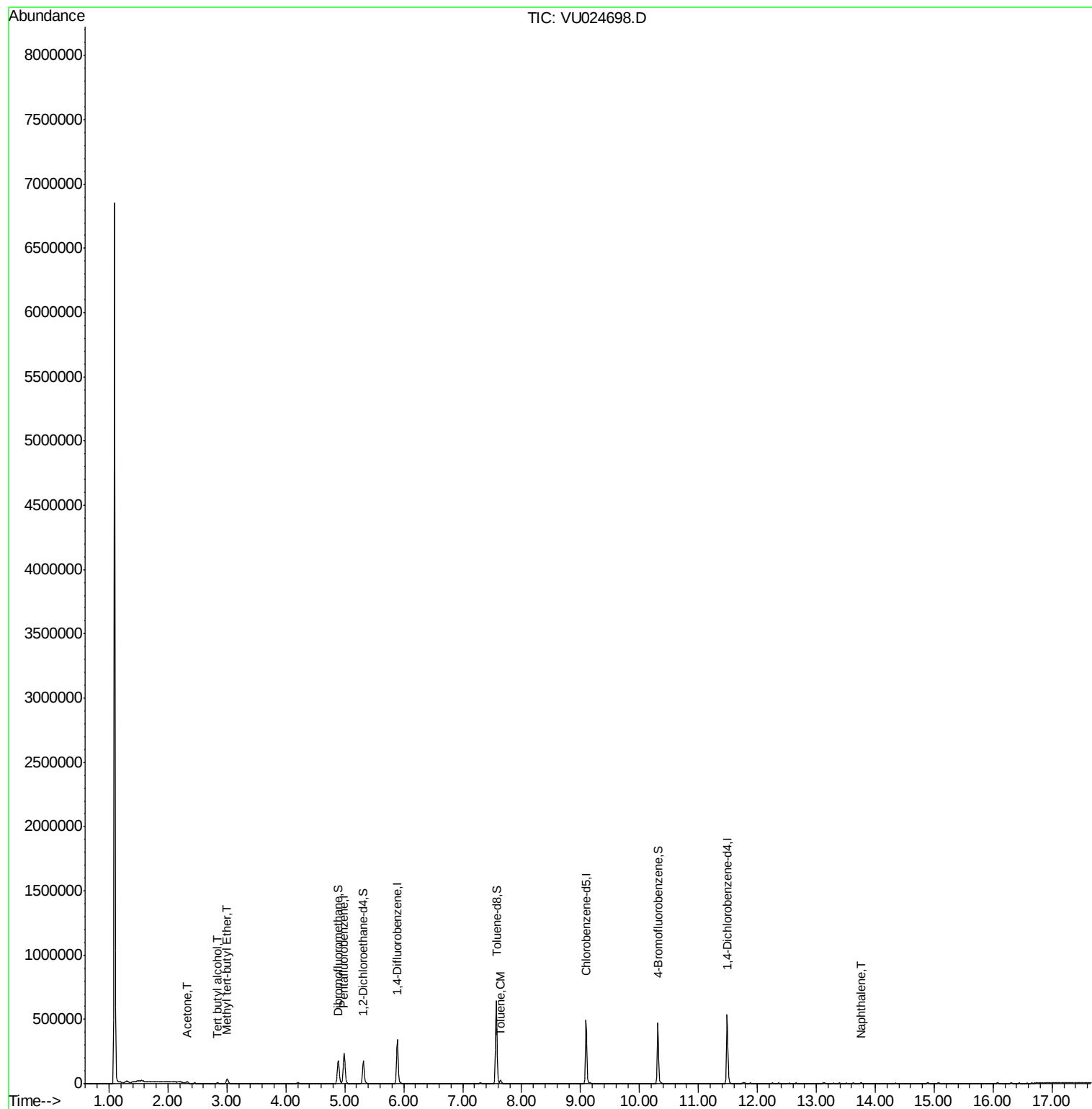
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300663	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134797	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
35) Dibromofluoromethane	4.89	113	119532	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	7.57	98	438640	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.31	95	154142	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	5644	7.54	ug/l #	87
16) Acetone	2.32	43	12918	7.81	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	36651	4.54	ug/l	98
52) Toluene	7.64	92	9379	1.45	ug/l	93
95) Naphthalene	13.76	128	4358	1.09	ug/l #	89

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

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QLast Update : Wed Jun 13 13:55:26 2018
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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: VU024698.D

Acq: 18 Jun 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

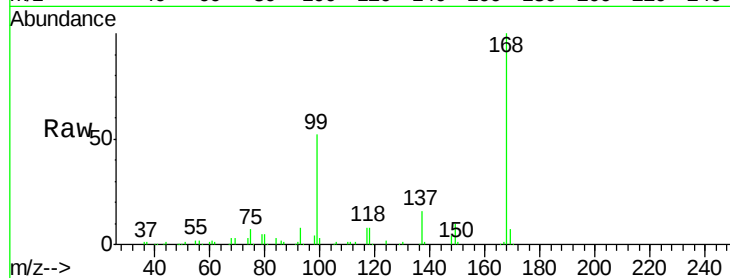
T11-MW-15-8.0-061218

Tot Ion:168 Resp: 188522

Ion Ratio Lower Upper

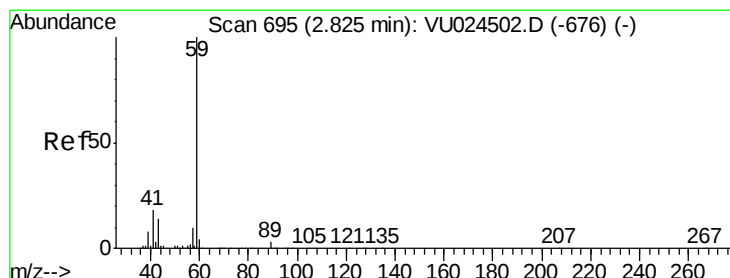
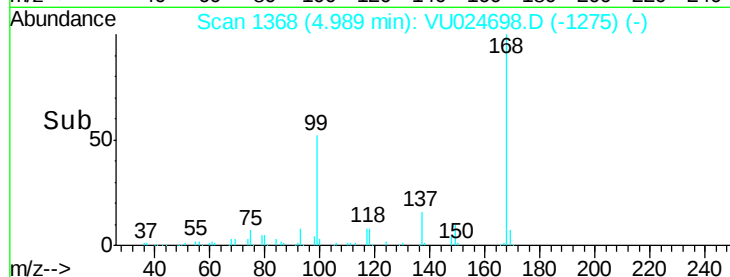
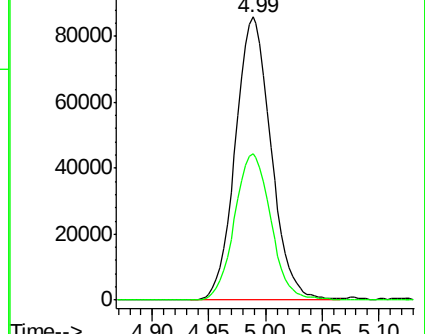
168 100

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) (-)



#11

Tert butyl alcohol

Concen: 7.54 ug/l

RT: 2.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VU024698.D

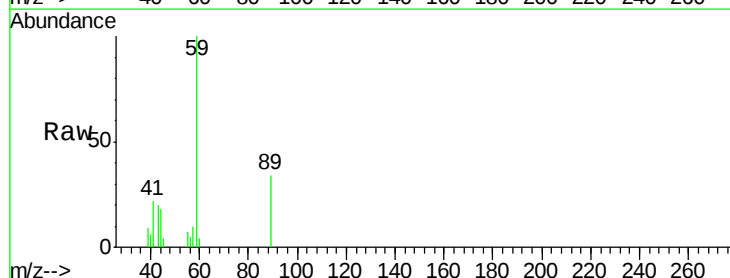
Acq: 18 Jun 2018 17:49

Tgt Ion: 59 Resp: 5644

Ion Ratio Lower Upper

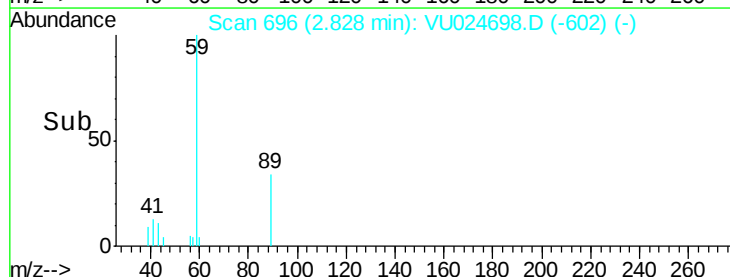
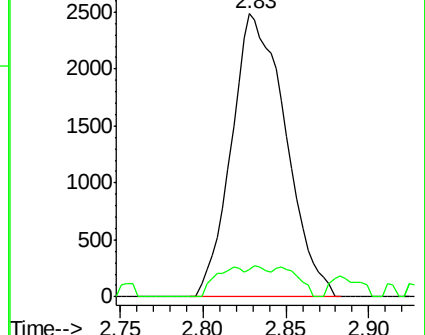
59 100

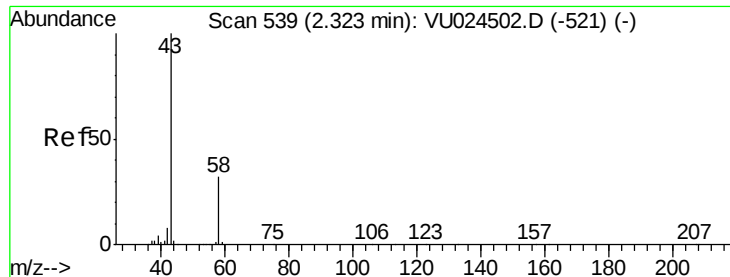
57 5.6 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU024502.D (-676) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-676) (-)





#16

Acetone

Concen: 7.81 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024698.D

Acq: 18 Jun 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

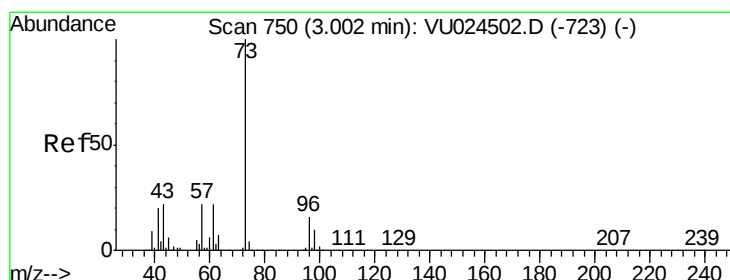
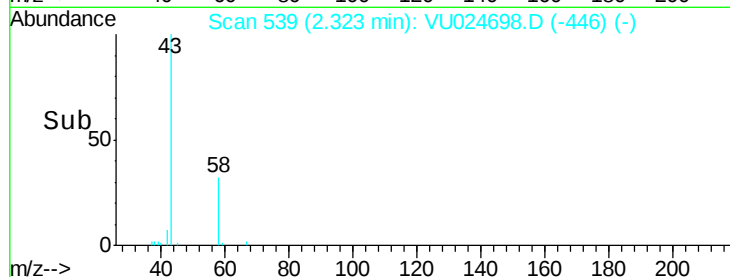
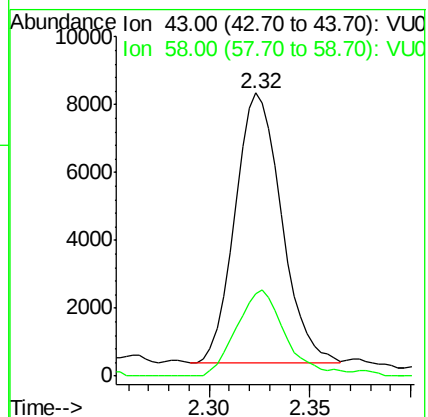
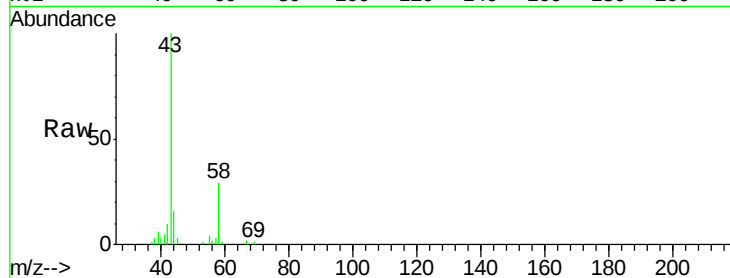
T11-MW-15-8.0-061218

Tot Ion: 43 Resp: 12918

Ion Ratio Lower Upper

43 100

58 30.7 24.4 36.6



#19

Methyl tert-butyl Ether

Concen: 4.54 ug/l

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU024698.D

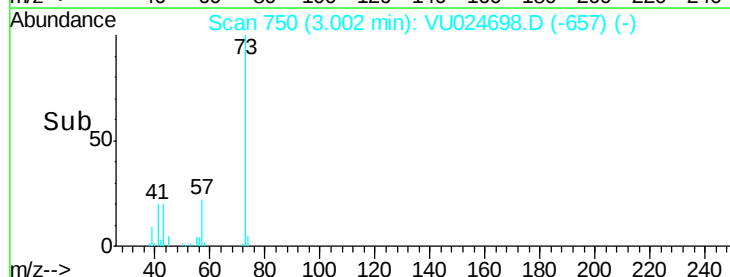
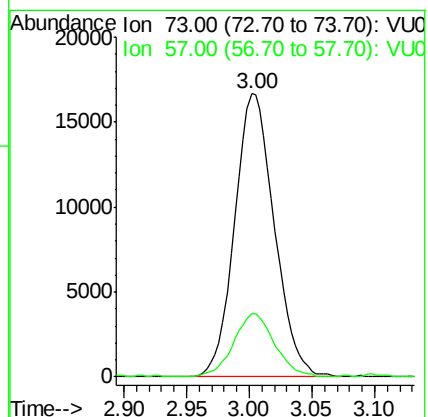
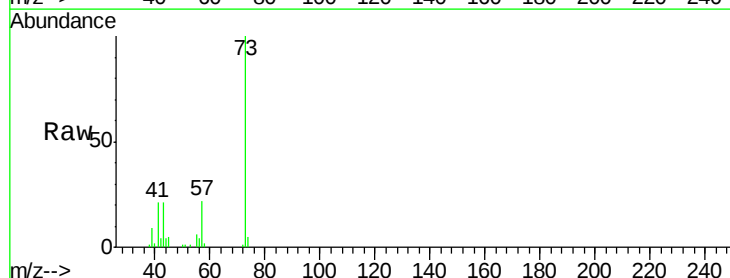
Acq: 18 Jun 2018 17:49

Tgt Ion: 73 Resp: 36651

Ion Ratio Lower Upper

73 100

57 22.4 18.8 28.2

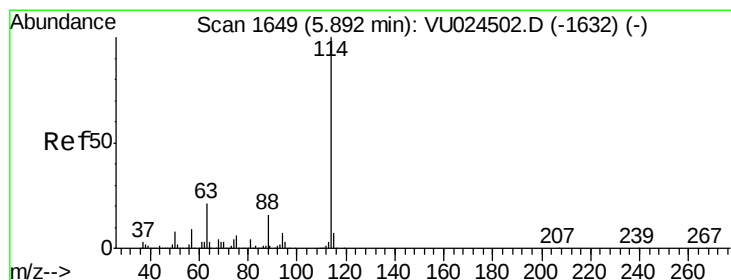
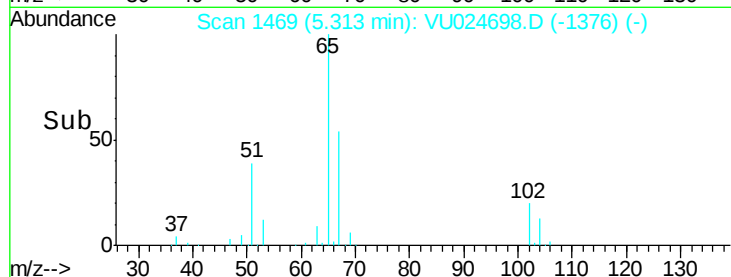
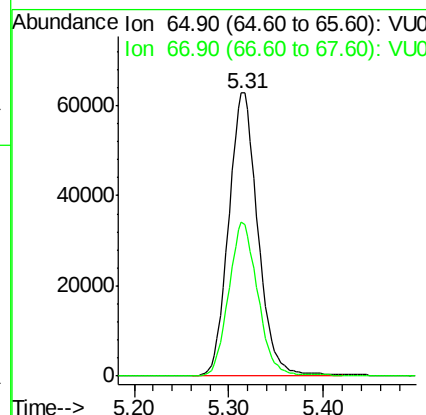
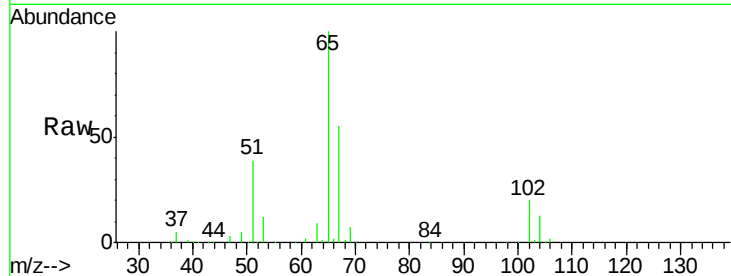




#33
 1,2-Dichloroethane-d4
 Concen: 43.80 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024698.D
 Acq: 18 Jun 2018 17:49

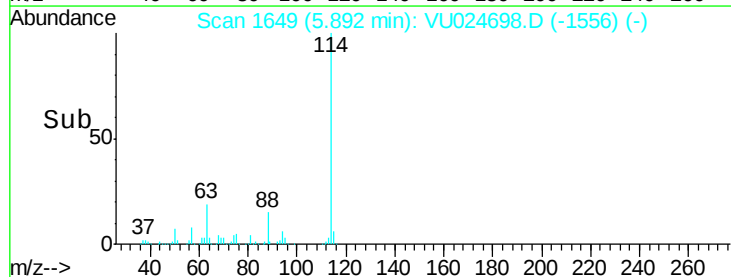
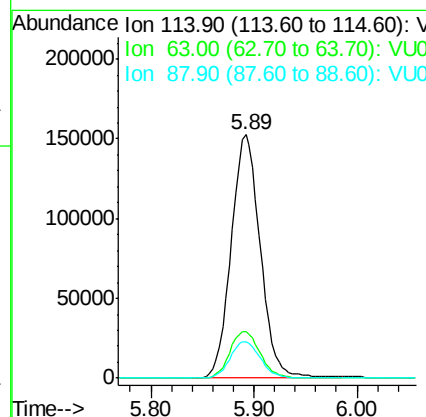
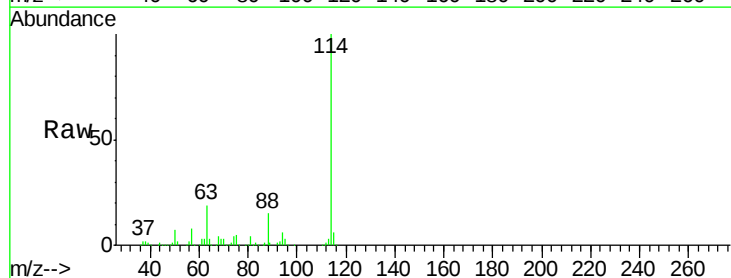
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-15-8.0-061218

Tot Ion: 65 Resp: 134797
 Ion Ratio Lower Upper
 65 100
 67 54.0 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: VU024698.D
 Acq: 18 Jun 2018 17:49

Tgt Ion: 114 Resp: 300663
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.4
 88 15.1 0.0 31.0

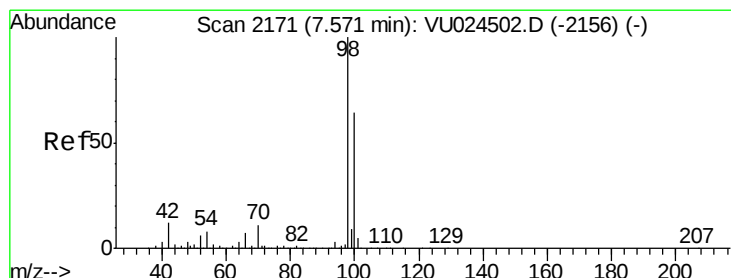
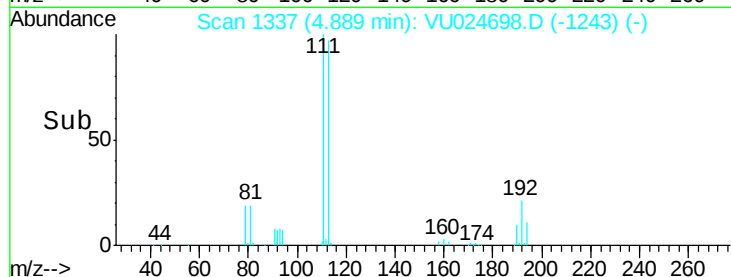
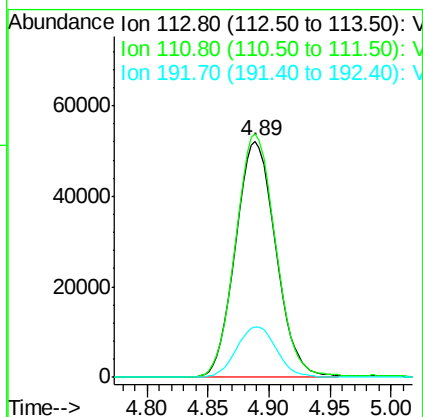
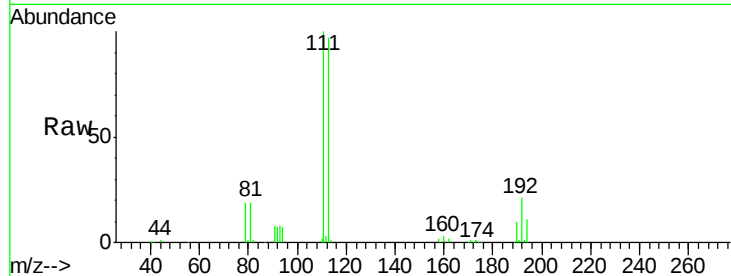




#35
 Dibromofluoromethane
 Concen: 47.90 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024698.D
 Acq: 18 Jun 2018 17:49

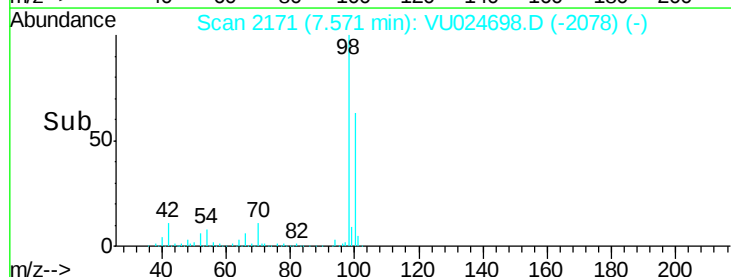
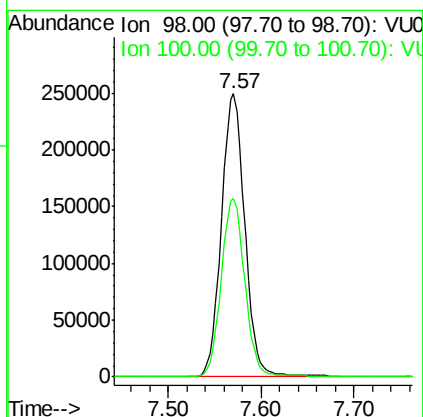
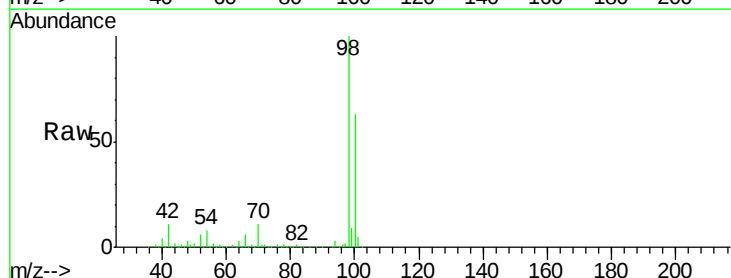
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-15-8.0-061218

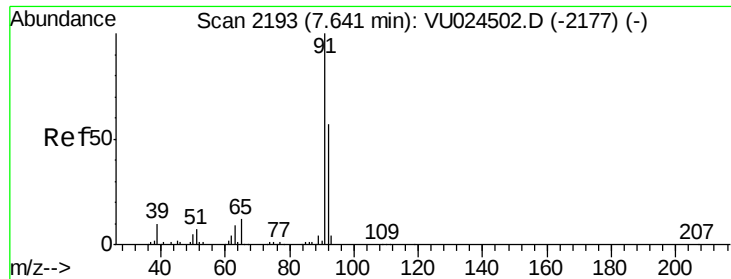
Tot Ion:113 Resp: 119532
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 21.3 16.2 24.4



#50
 Toluene-d8
 Concen: 48.19 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024698.D
 Acq: 18 Jun 2018 17:49

Tgt Ion: 98 Resp: 438640
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.1 76.7





#52

Toluene

Concen: 1.45 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU024698.D

Acq: 18 Jun 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

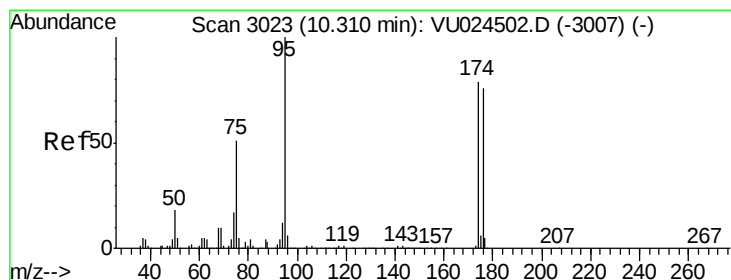
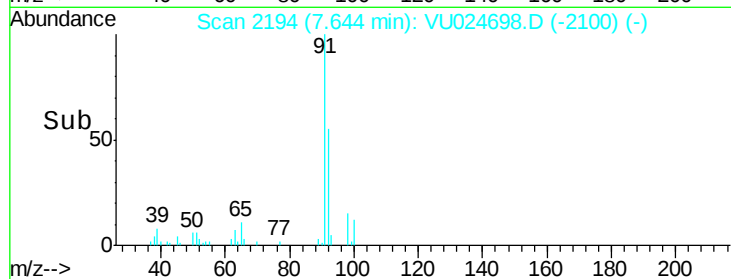
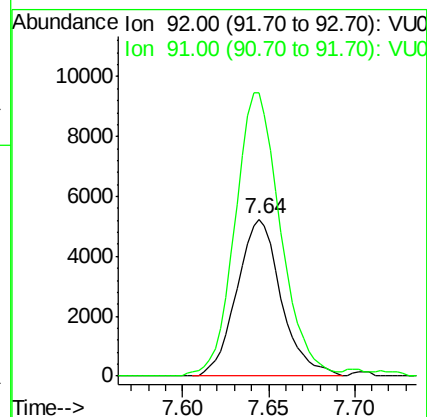
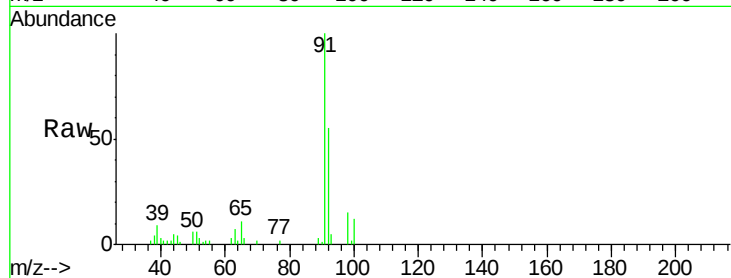
T11-MW-15-8.0-061218

Tot Ion: 92 Resp: 9379

Ion Ratio Lower Upper

92 100

91 184.9 140.5 210.7



#62

4-Bromofluorobenzene

Concen: 42.65 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024698.D

Acq: 18 Jun 2018 17:49

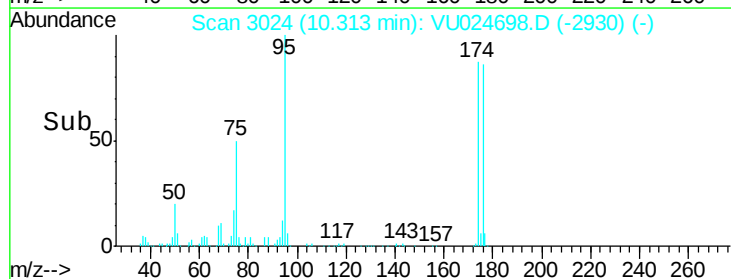
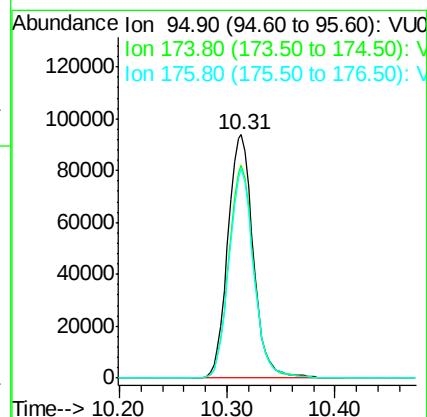
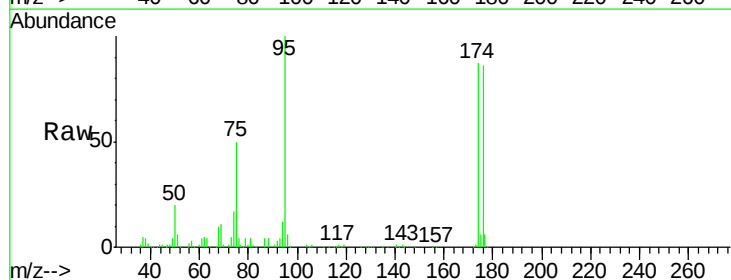
Tgt Ion: 95 Resp: 154142

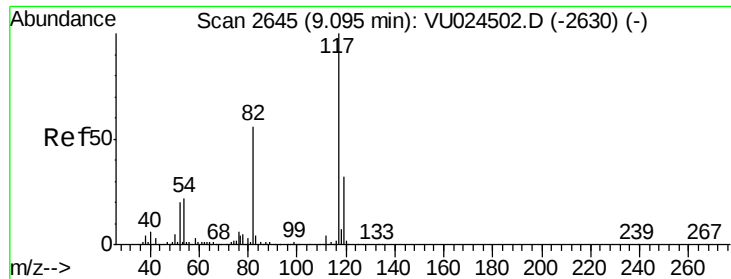
Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.8

176 83.8 0.0 159.4

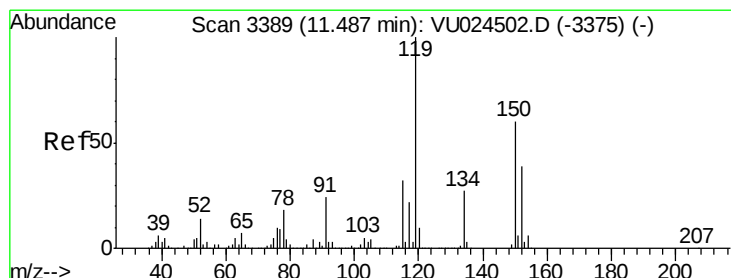
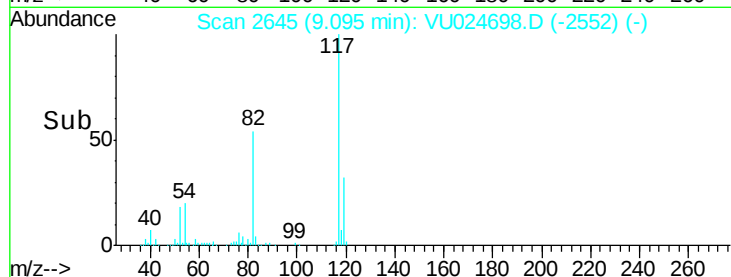
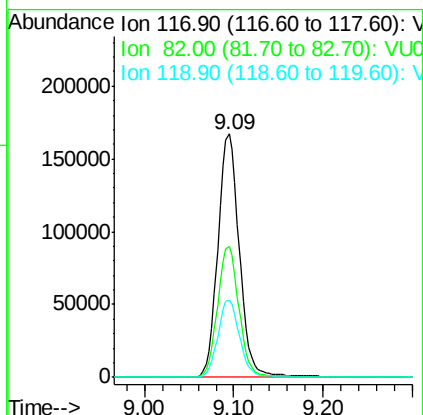
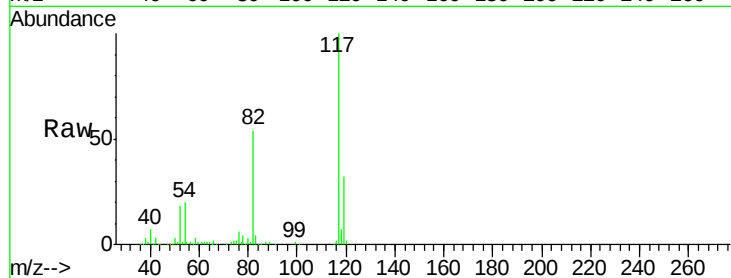




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024698.D
Acq: 18 Jun 2018 17:49

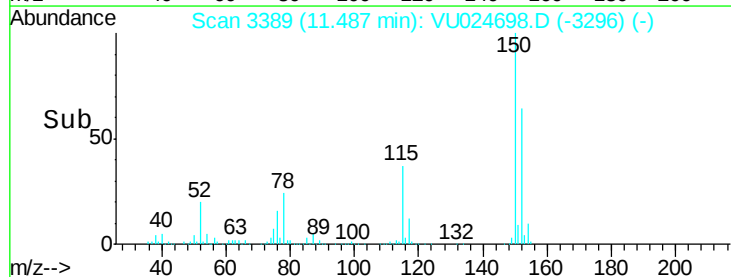
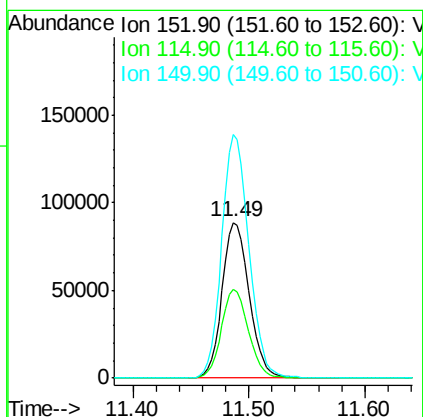
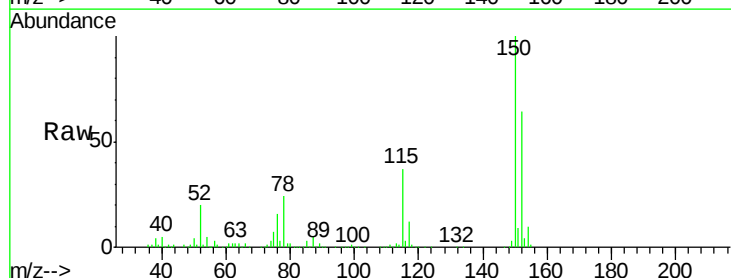
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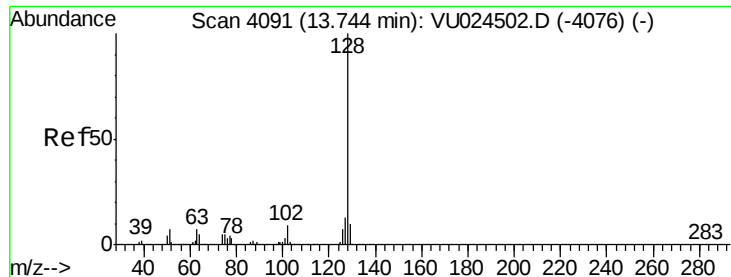
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.3	66.5
119	31.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024698.D
Acq: 18 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	43.0	129.0
150	156.6	0.0	354.0





#95

Naphthalene

Concen: 1.09 ug/l

RT: 13.76 min Scan# 4095

Delta R.T. 0.01 min

Lab File: VU024698.D

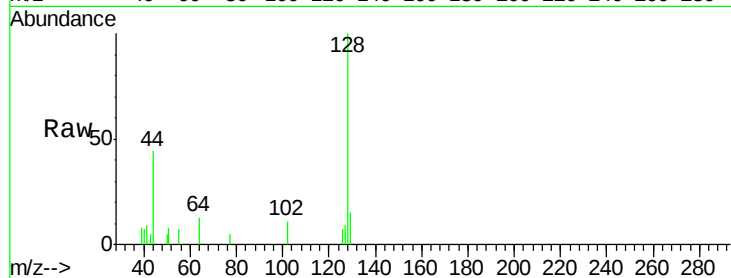
Acq: 18 Jun 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-15-8.0-061218



Tot Ion:	128	Resp:	4358
Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.6	16.0#
129	11.7	8.6	12.8

