

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025093.D
 Acq On : 30 Jun 2018 17:11
 Operator : MD/SY
 Sample : J3759-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW360-180625

Quant Time: Jul 02 07:06:38 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

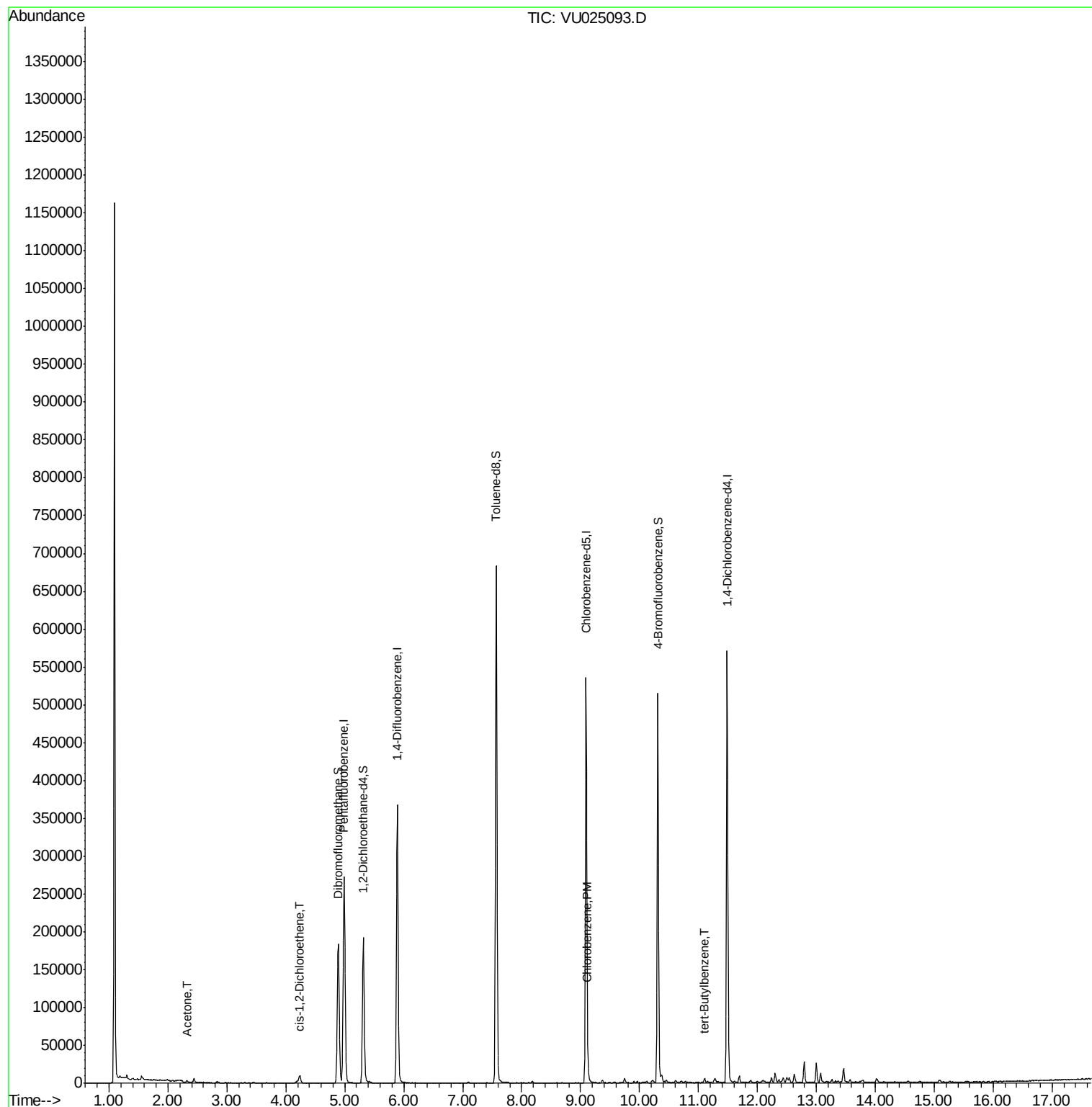
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	208454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311805	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157922	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
35) Dibromofluoromethane	4.89	113	123543	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	7.57	98	452888	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	10.31	95	167751	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
16) Acetone	2.32	43	2565	1.40	ug/l	99
27) cis-1,2-Dichloroethene	4.24	96	5149	1.71	ug/l	93
65) Chlorobenzene	9.13	112	7989	1.08	ug/l	100
83) tert-Butylbenzene	11.10	119	2774	0.28	ug/l	92

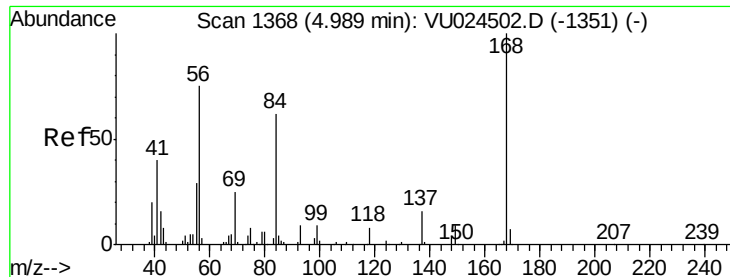
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025093.D

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Instrument :

MSVOA_U

ClientSampleId :

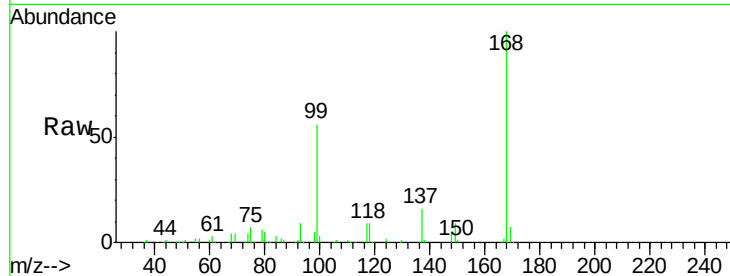
WP021MW360-180625

Tot Ion:168 Resp: 208454

Ion Ratio Lower Upper

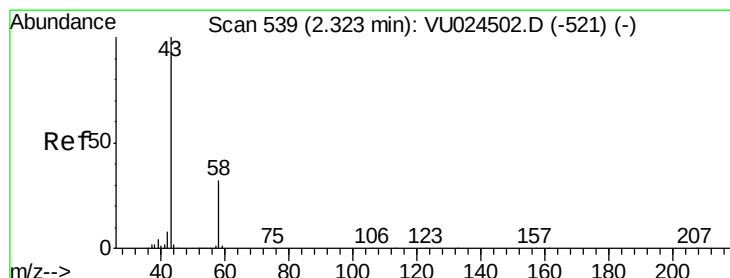
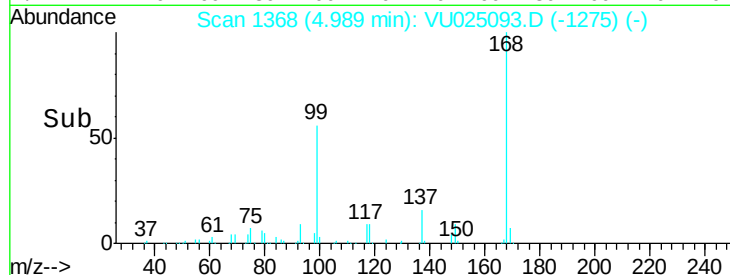
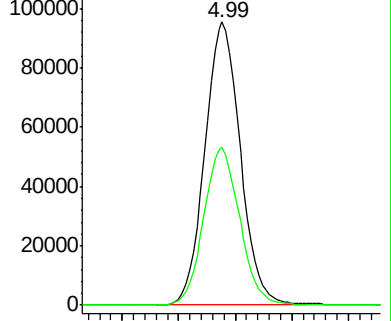
168 100

99 55.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#16

Acetone

Concen: 1.40 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025093.D

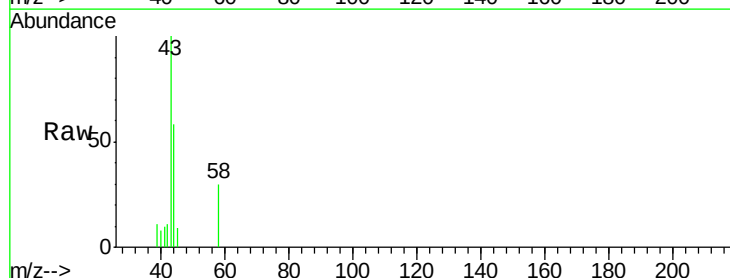
Acq: 30 Jun 2018 17:11

Tgt Ion: 43 Resp: 2565

Ion Ratio Lower Upper

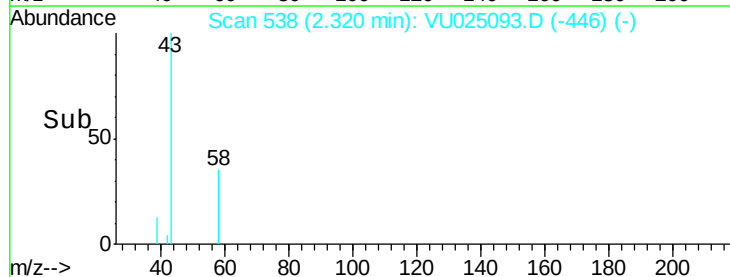
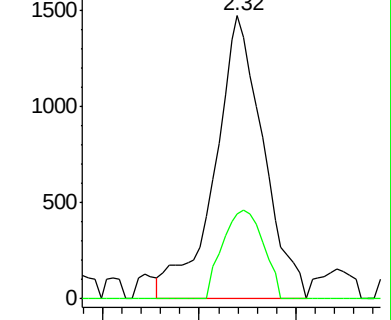
43 100

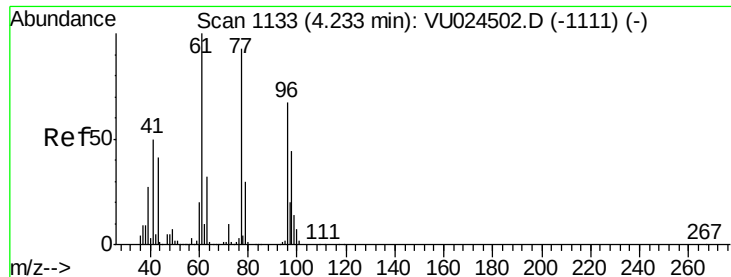
58 30.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#27

cis-1,2-Dichloroethene

Concen: 1.71 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU025093.D

Acq: 30 Jun 2018 17:11

Instrument :

MSVOA_U

ClientSampleId :

WP021MW360-180625

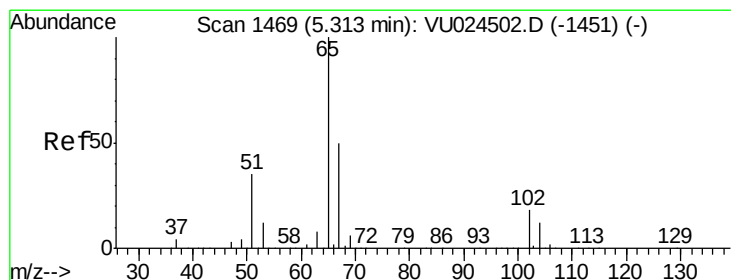
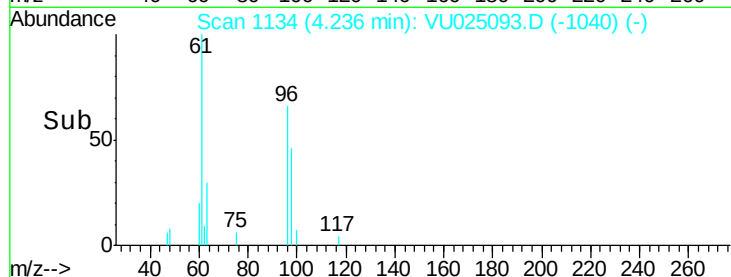
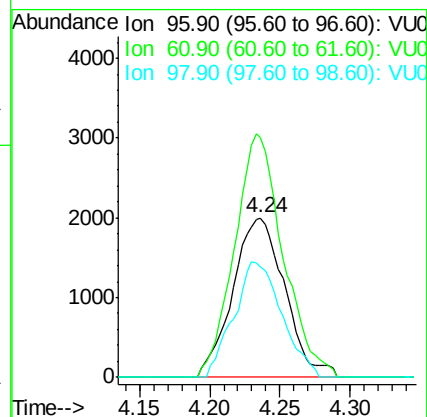
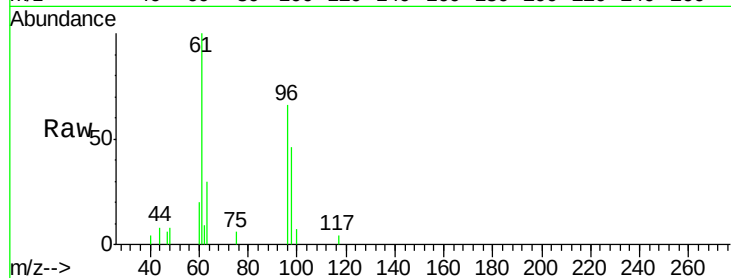
Tot Ion: 96 Resp: 5149

Ion Ratio Lower Upper

96 100

61 142.3 0.0 306.6

98 66.7 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.41 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025093.D

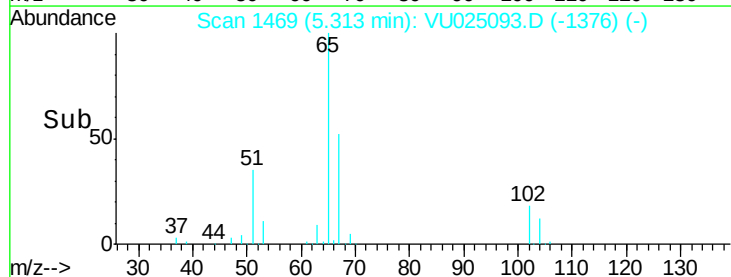
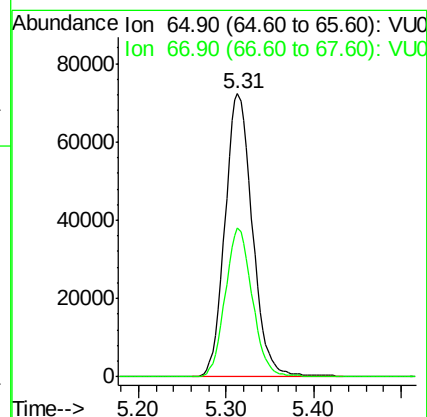
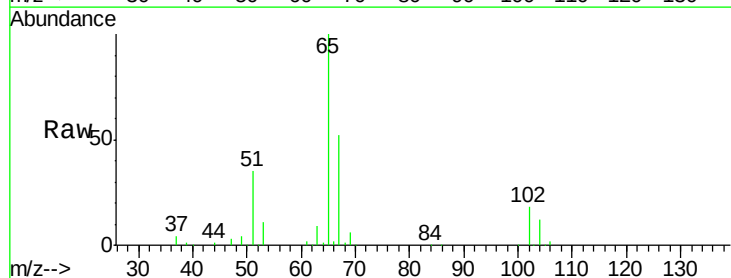
Acq: 30 Jun 2018 17:11

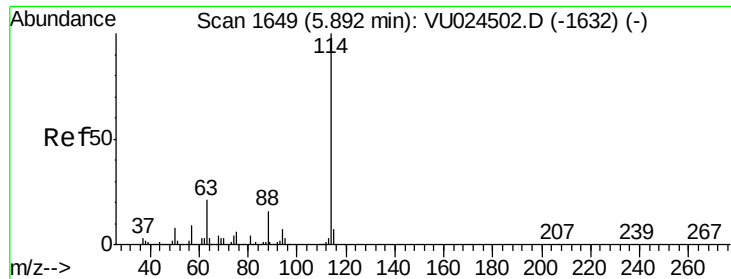
Tgt Ion: 65 Resp: 157922

Ion Ratio Lower Upper

65 100

67 51.8 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: VU025093.D

Acq: 30 Jun 2018 17:11

Instrument :

MSVOA_U

ClientSampleId :

WP021MW360-180625

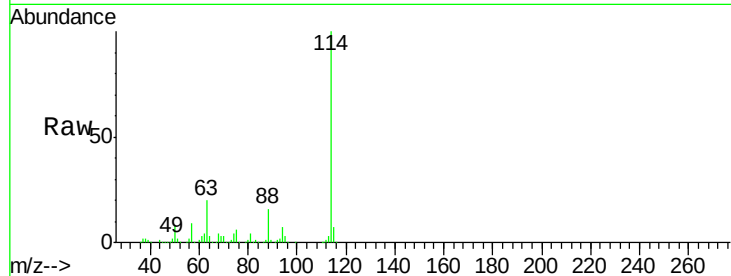
Tot Ion:114 Resp: 311805

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

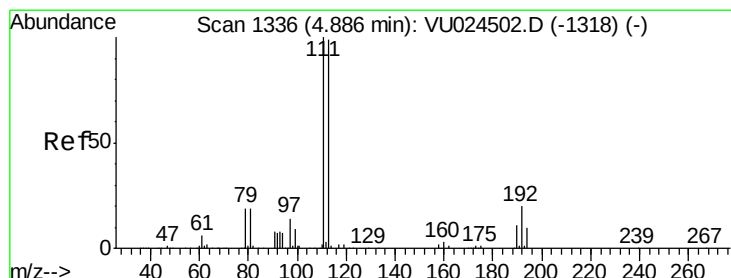
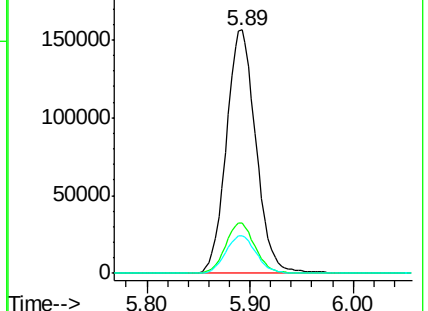
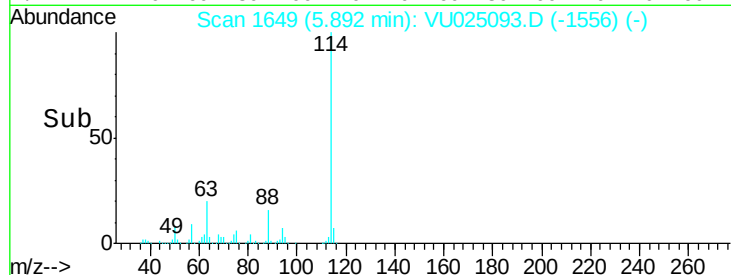
88 15.6 0.0 31.0



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: 47.74 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025093.D

Acq: 30 Jun 2018 17:11

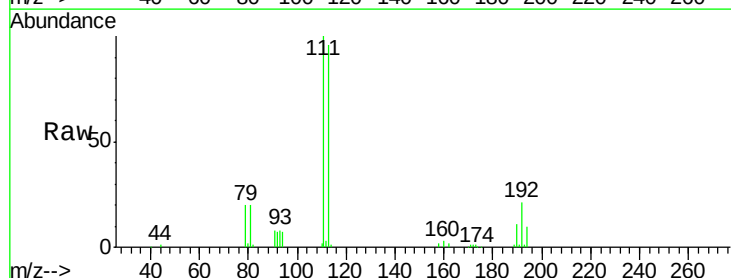
Tgt Ion:113 Resp: 123543

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

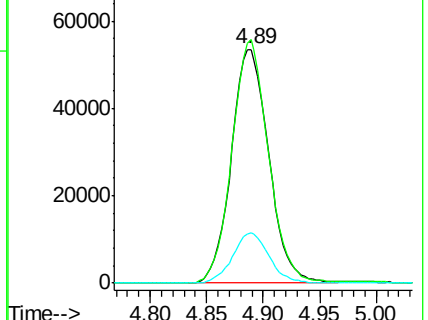
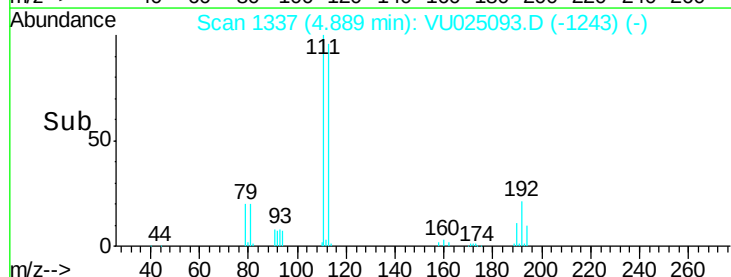
192 20.7 16.2 24.4

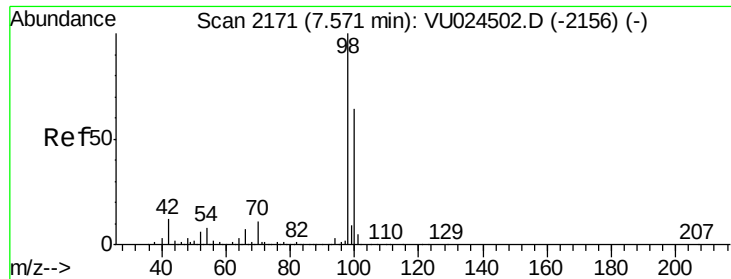


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

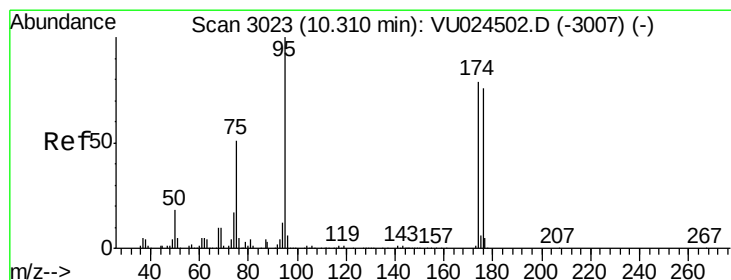
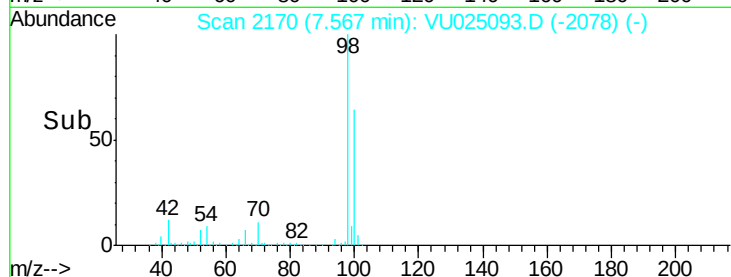
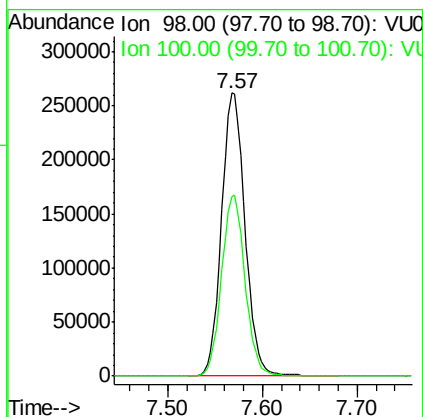
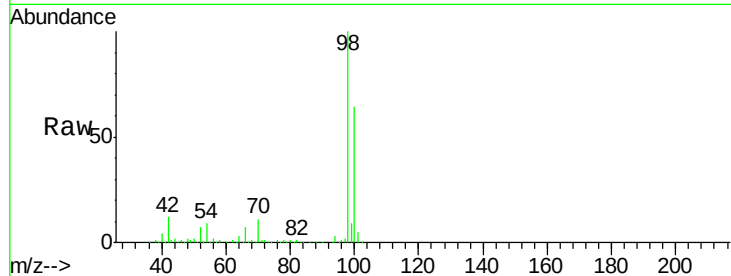




#50
Toluene-d8
Concen: 47.98 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025093.D
Acq: 30 Jun 2018 17:11

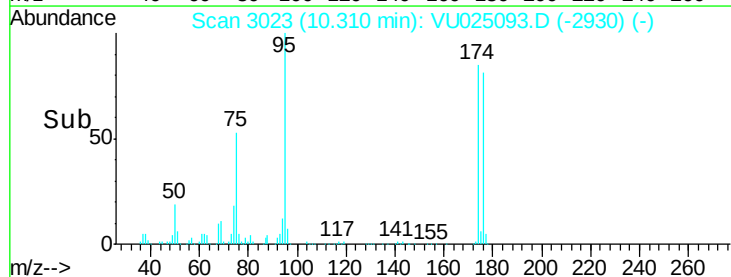
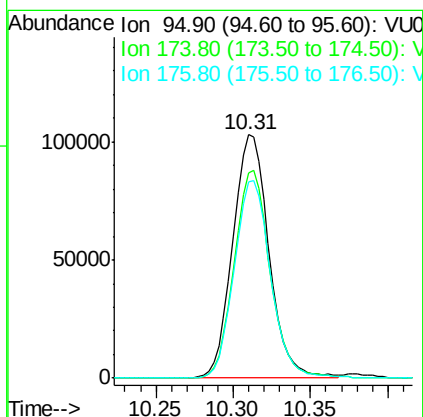
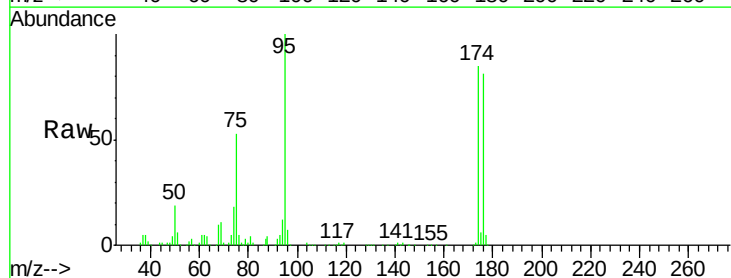
Instrument :
MSVOA_U
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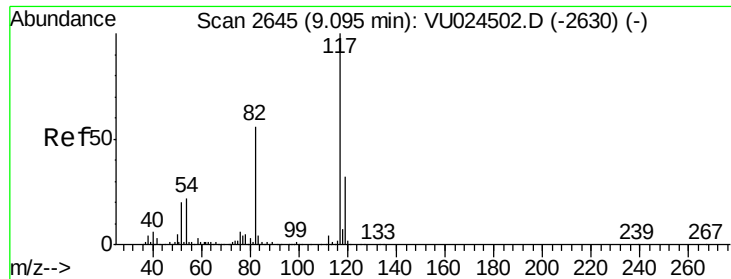
Tot Ion: 98 Resp: 452888
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025093.D
Acq: 30 Jun 2018 17:11

Tgt Ion: 95 Resp: 167751
Ion Ratio Lower Upper
95 100
174 84.8 0.0 165.8
176 81.8 0.0 159.4

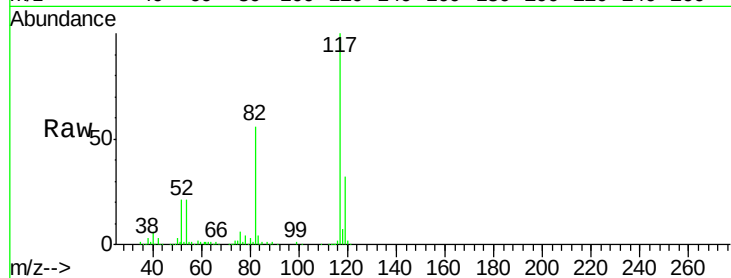




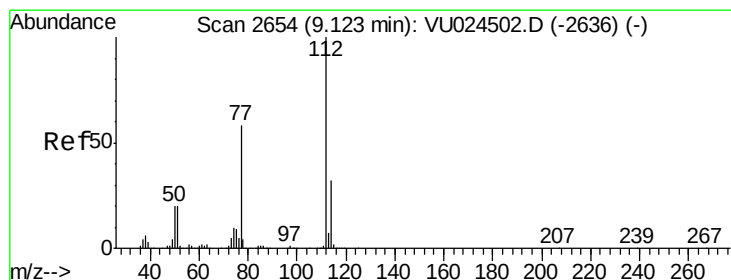
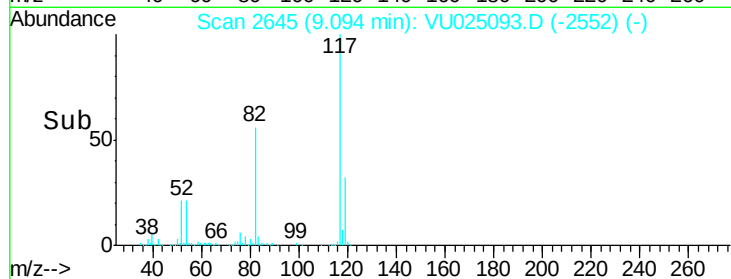
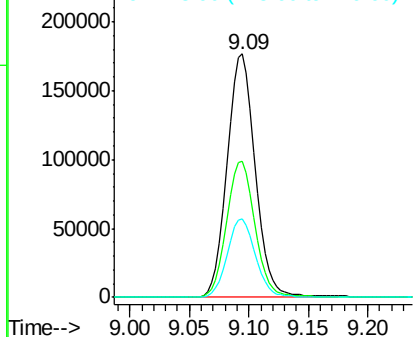
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025093.D
Acq: 30 Jun 2018 17:11

Instrument :
MSVOA_U
ClientSampleId :
WP021MW360-180625

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	32.0	25.4	38.2

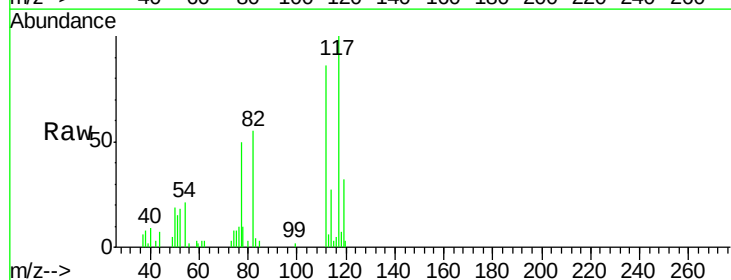


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

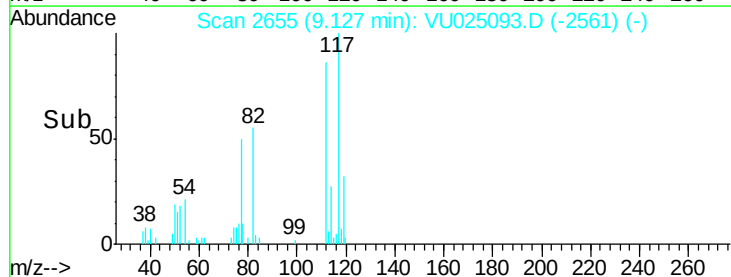
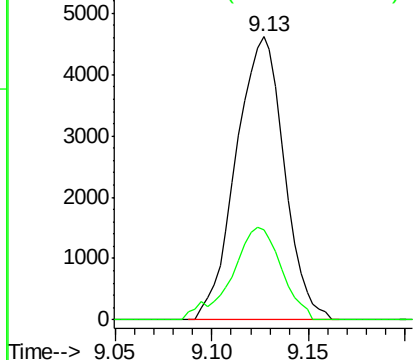


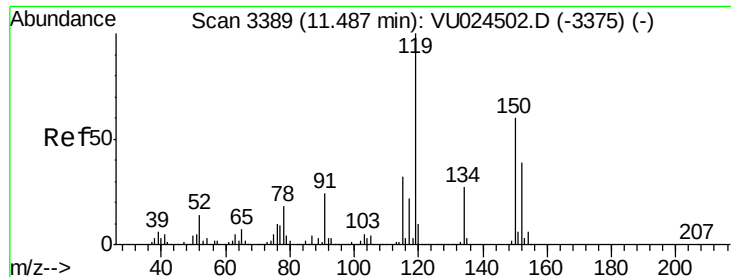
#65
Chlorobenzene
Concen: 1.08 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025093.D
Acq: 30 Jun 2018 17:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025093.D

Acq: 30 Jun 2018 17:11

Instrument :

MSVOA_U

ClientSampleId :

WP021MW360-180625

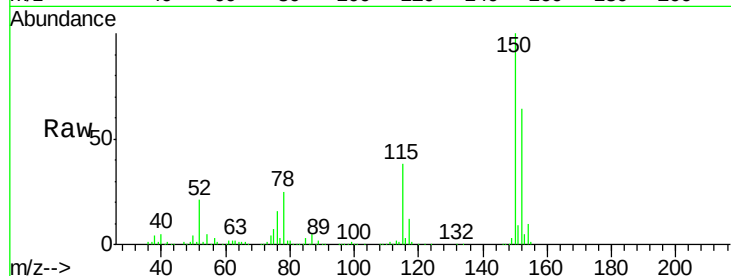
Tot Ion:152 Resp: 152060

Ion Ratio Lower Upper

152 100

115 58.4 43.0 129.0

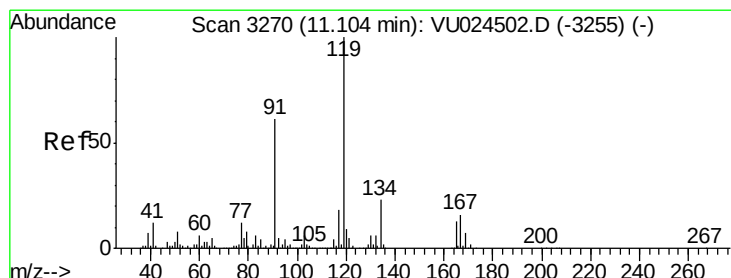
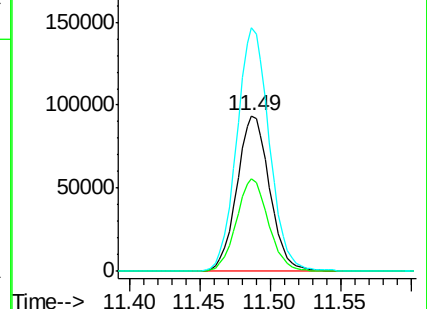
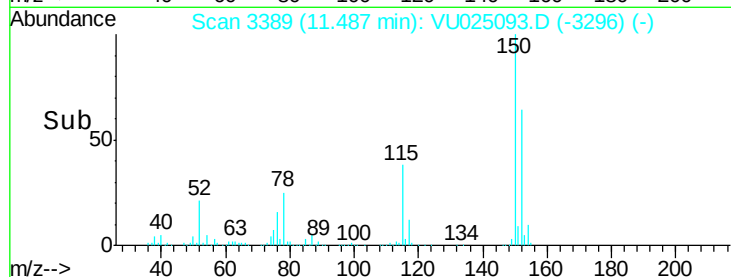
150 156.0 0.0 354.0



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



#83

tert-Butylbenzene

Concen: 0.28 ug/l

RT: 11.10 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU025093.D

Acq: 30 Jun 2018 17:11

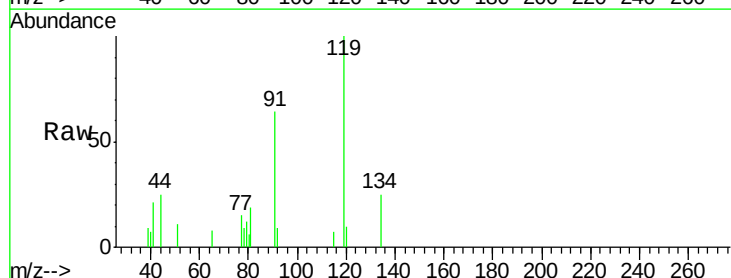
Tgt Ion:119 Resp: 2774

Ion Ratio Lower Upper

119 100

91 66.0 29.7 89.1

134 19.5 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

