

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024568.D
 Acq On : 15 Jun 2018 02:54
 Operator : MD/SY
 Sample : J3478-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW504-180610

Quant Time: Jun 15 05:45:50 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

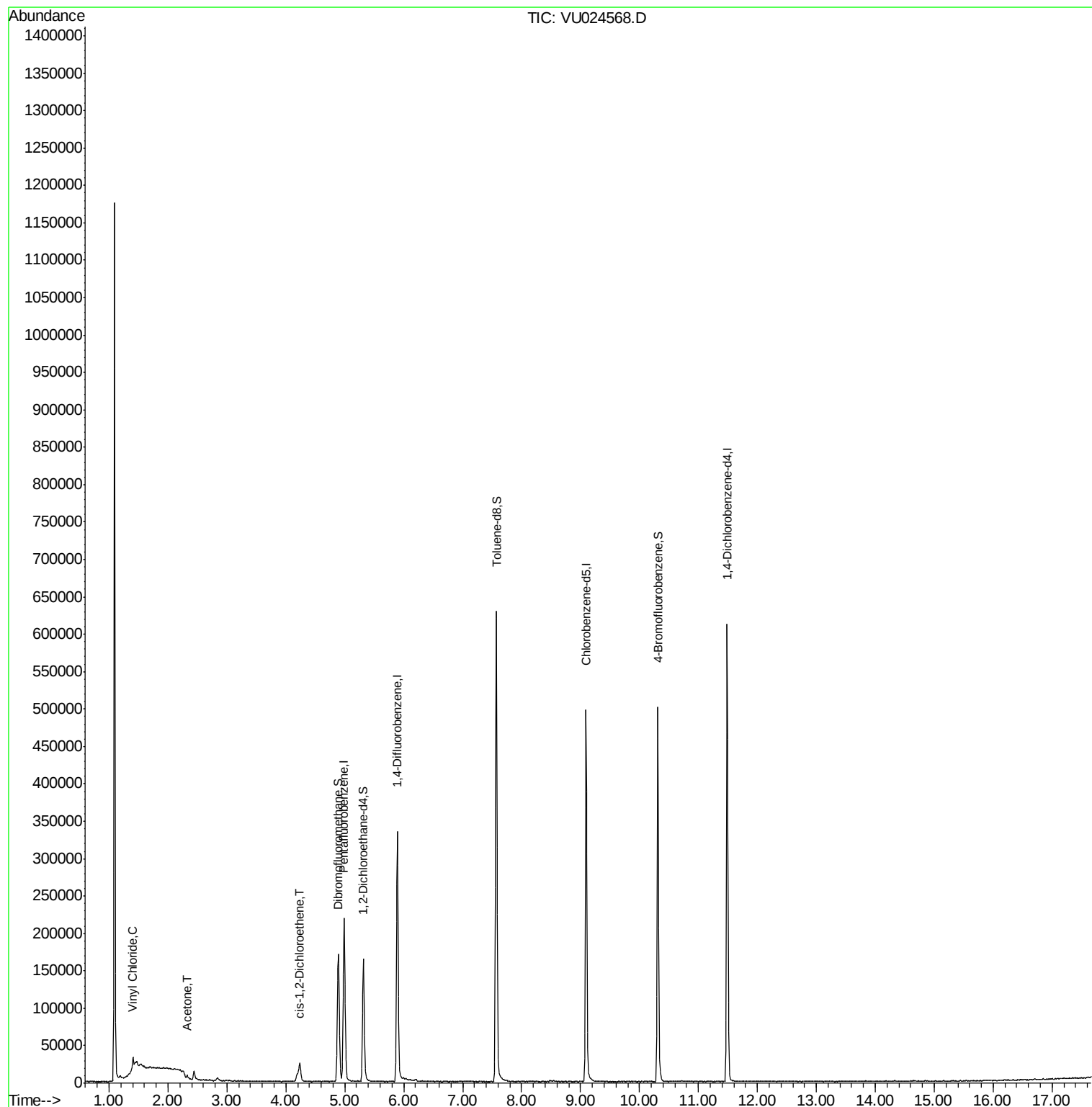
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	180076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293591	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	126957	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	4.89	113	118152	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	7.57	98	438737	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	10.31	95	168100	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
Target Compounds						
4) Vinyl Chloride	1.41	62	8459	3.562	ug/l #	62
16) Acetone	2.32	43	4251	2.691	ug/l #	76
27) cis-1,2-Dichloroethene	4.24	96	13534	5.213	ug/l	86

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

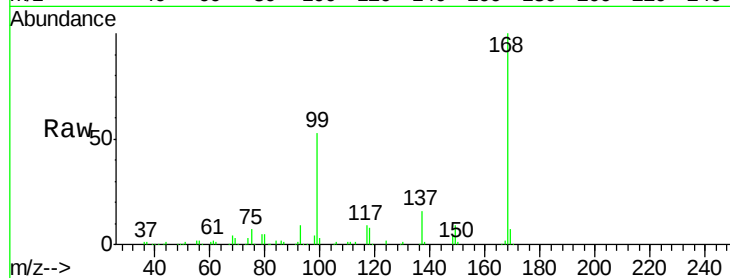
SS050MW504-180610

Tot Ion:168 Resp: 180076

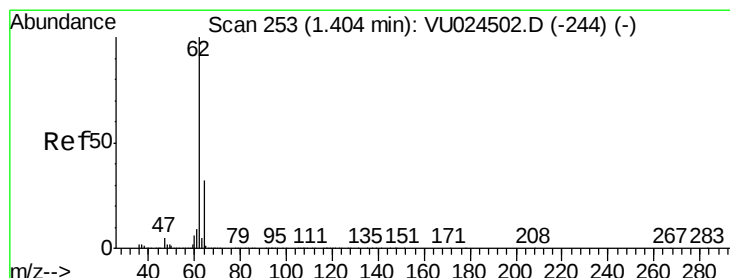
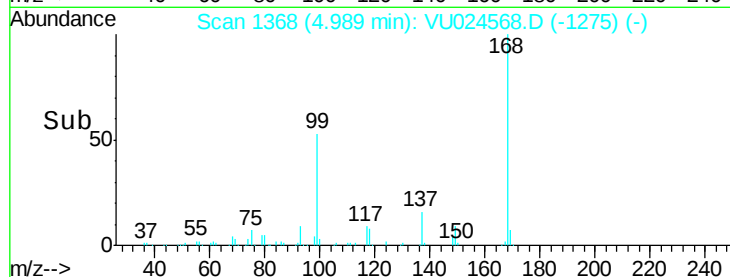
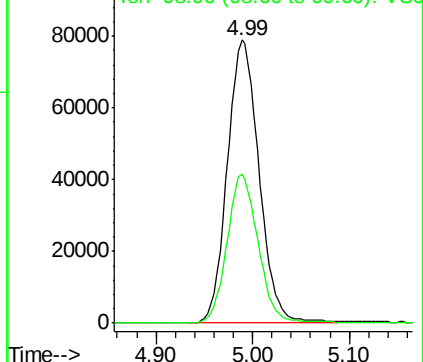
Ion Ratio Lower Upper

168 100

99 52.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024568.D (-1275) (-)



#4

Vinyl Chloride

Concen: 3.562 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024568.D

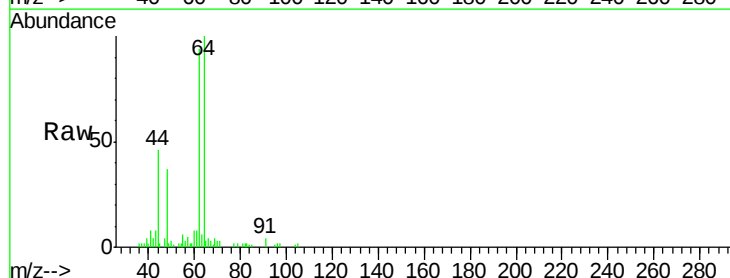
Acq: 15 Jun 2018 02:54

Tgt Ion: 62 Resp: 8459

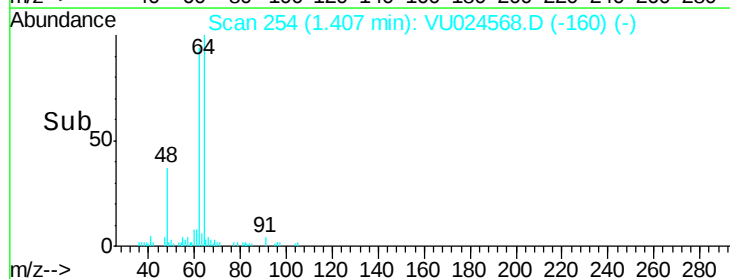
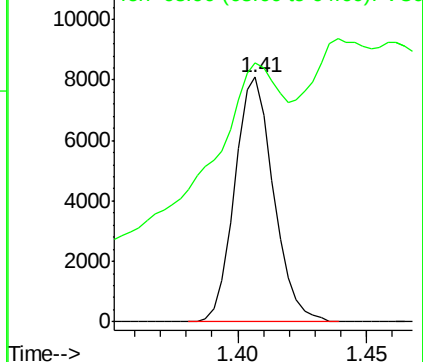
Ion Ratio Lower Upper

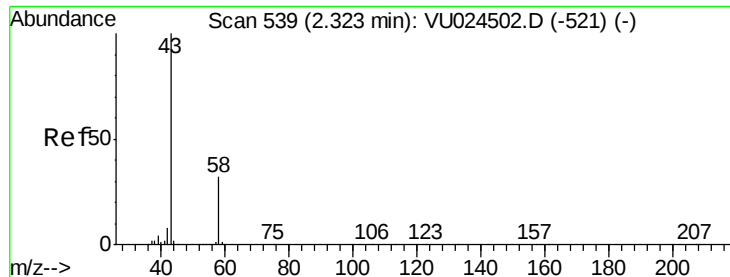
62 100

64 51.8 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024568.D (-160) (-)





#16

Acetone

Concen: 2.691 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

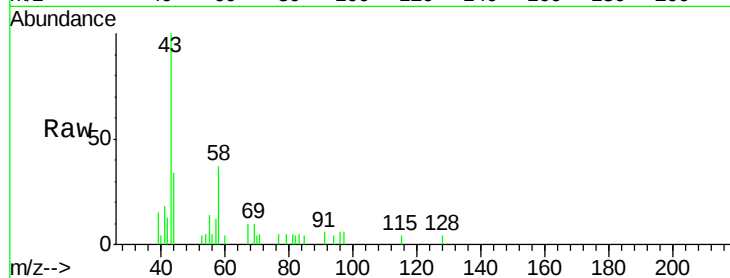
SS050MW504-180610

Tot Ion: 43 Resp: 4251

Ion Ratio Lower Upper

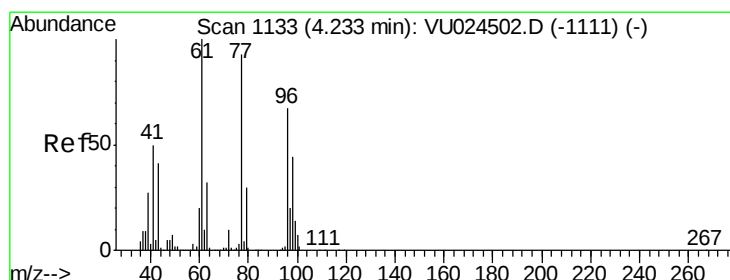
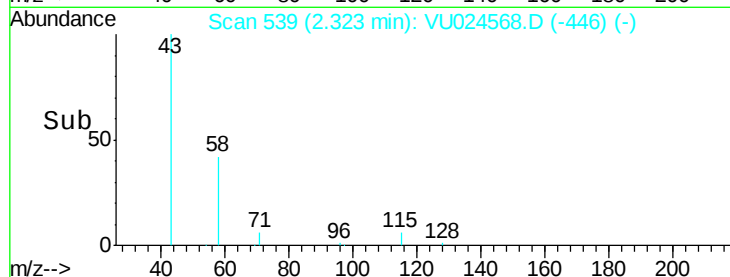
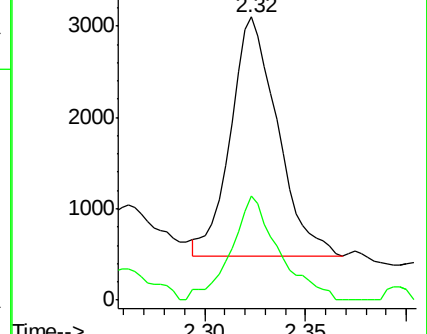
43 100

58 43.5 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: 5.213 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

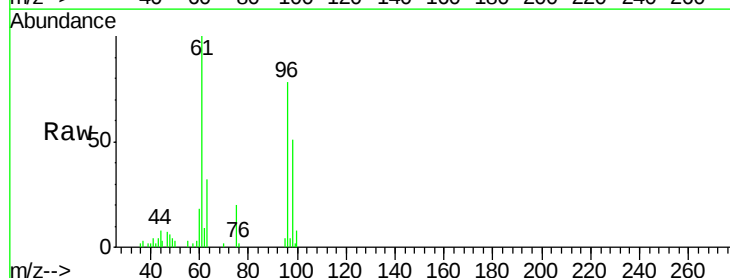
Tgt Ion: 96 Resp: 13534

Ion Ratio Lower Upper

96 100

61 127.7 0.0 306.6

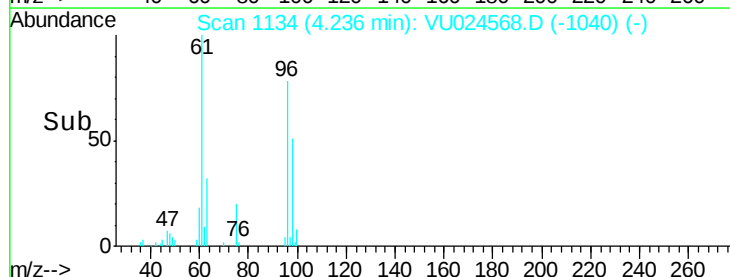
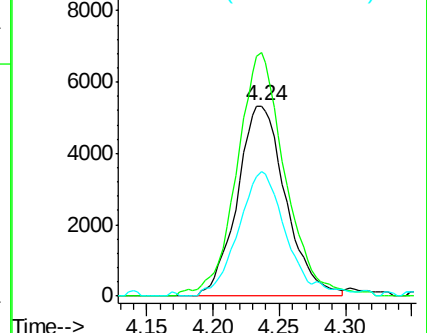
98 65.0 0.0 128.8

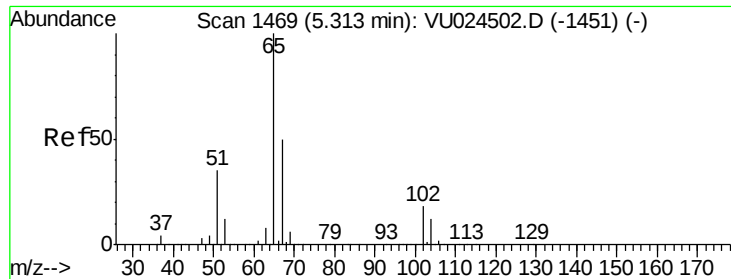


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 43.186 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

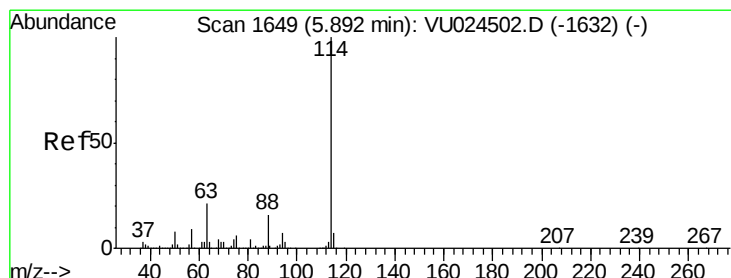
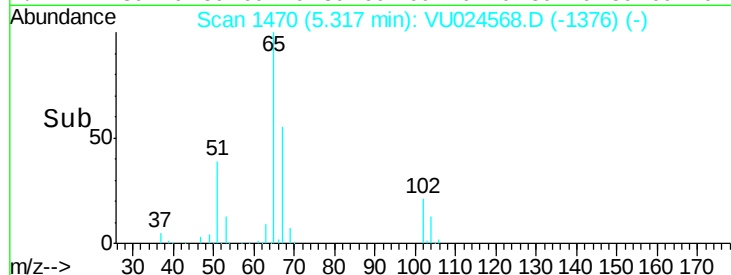
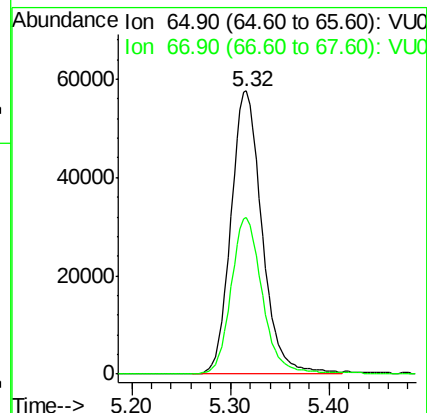
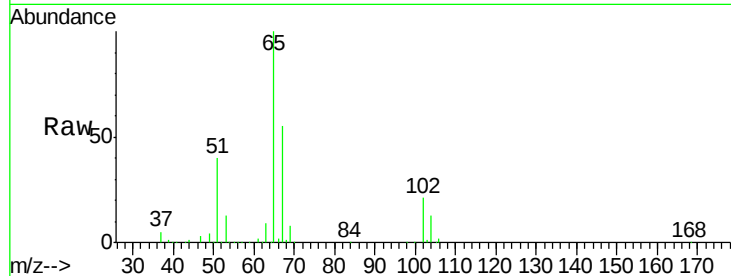
SS050MW504-180610

Tot Ion: 65 Resp: 126957

Ion Ratio Lower Upper

65 100

67 55.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

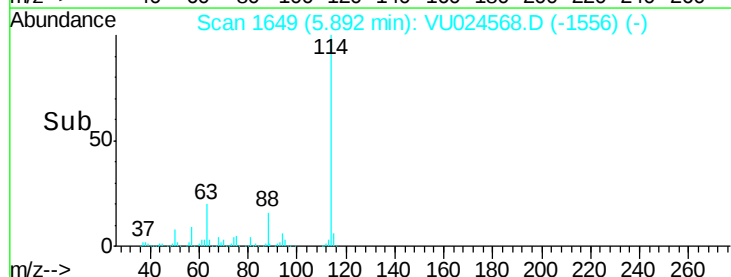
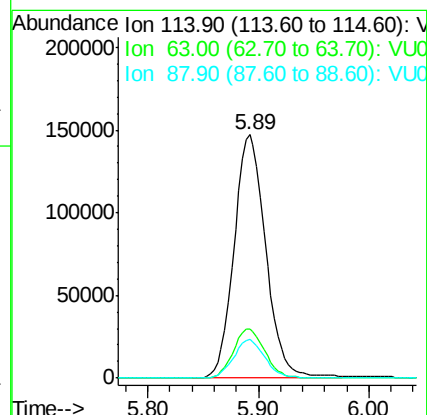
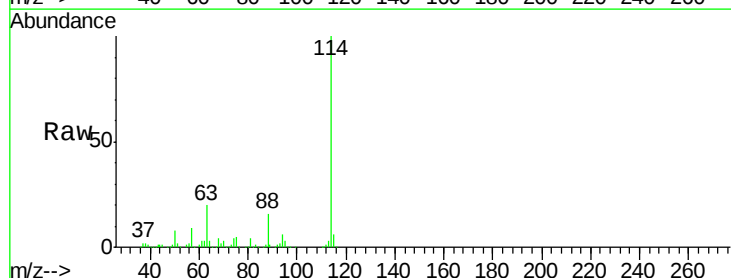
Tgt Ion: 114 Resp: 293591

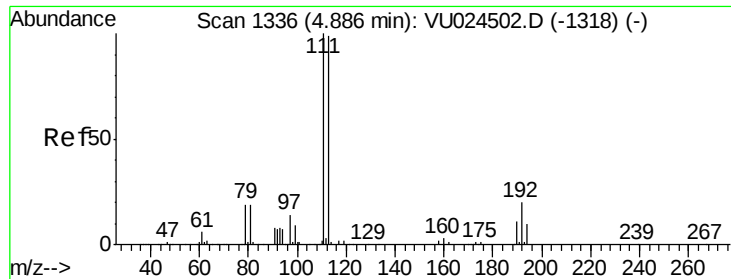
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.4

88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.491 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

SS050MW504-180610

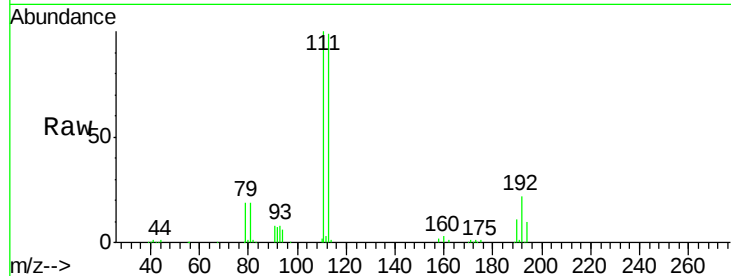
Tot Ion:113 Resp: 118152

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

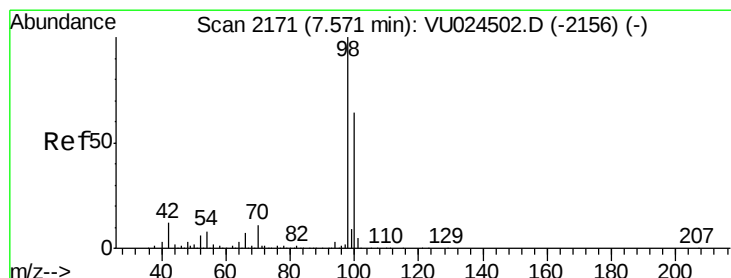
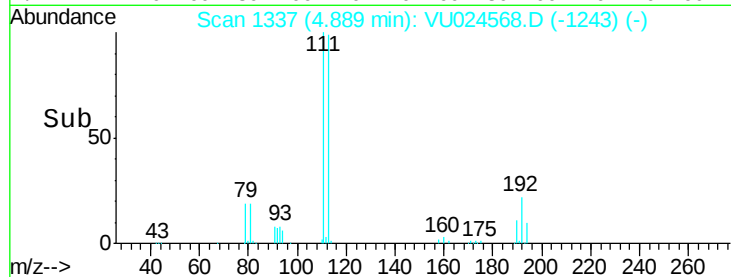
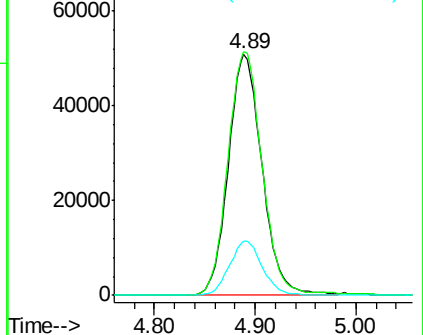
192 22.2 16.2 24.4



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: 49.365 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024568.D

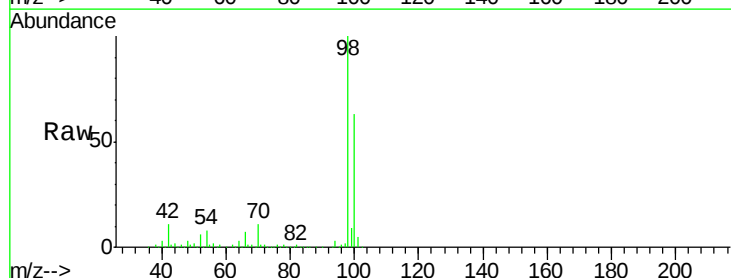
Acq: 15 Jun 2018 02:54

Tgt Ion: 98 Resp: 438737

Ion Ratio Lower Upper

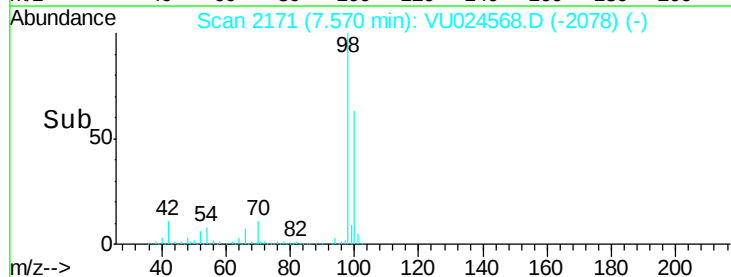
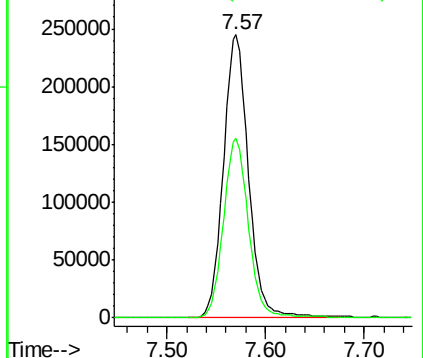
98 100

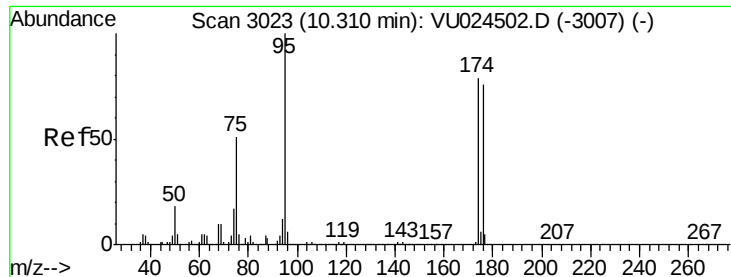
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 47.637 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

SS050MW504-180610

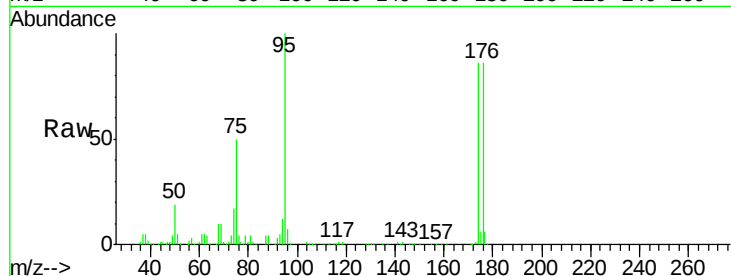
Tot Ion: 95 Resp: 168100

Ion Ratio Lower Upper

95 100

174 86.3 0.0 165.8

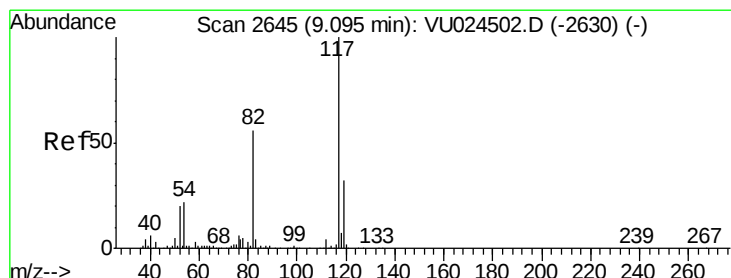
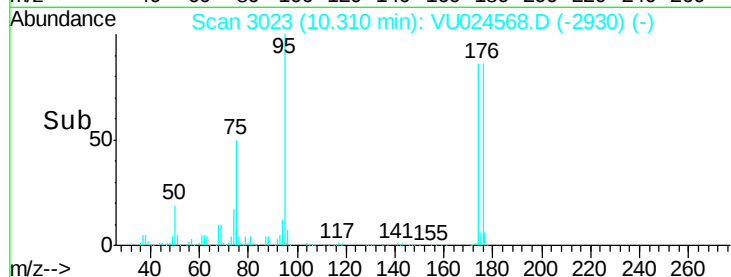
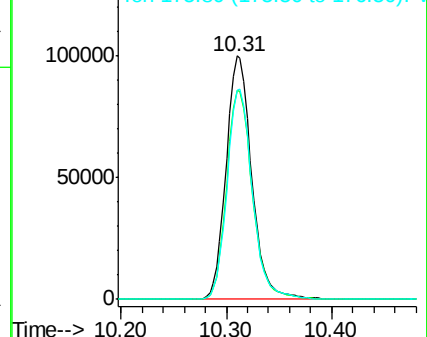
176 85.4 0.0 159.4



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: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

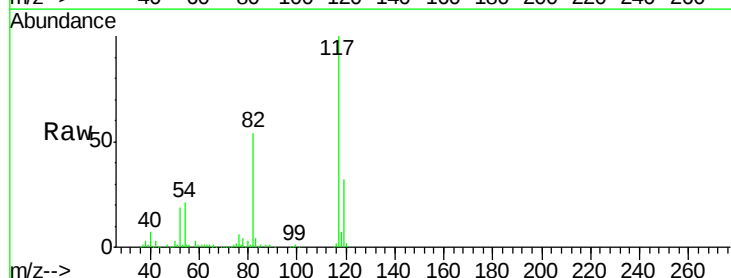
Tgt Ion: 117 Resp: 288913

Ion Ratio Lower Upper

117 100

82 53.8 44.3 66.5

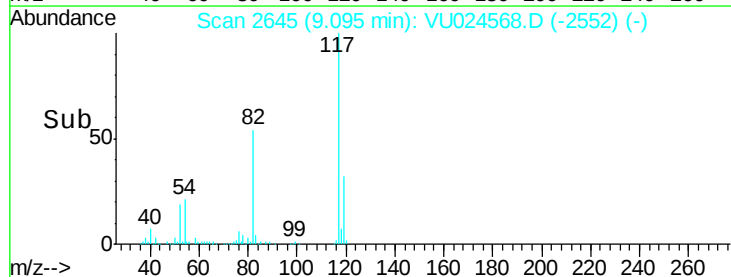
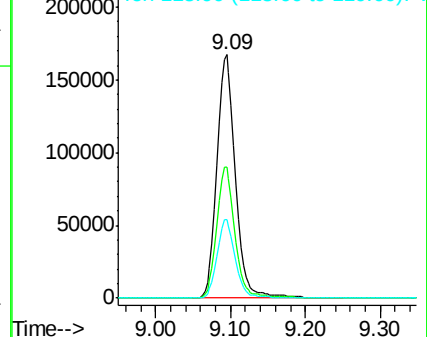
119 32.4 25.4 38.2

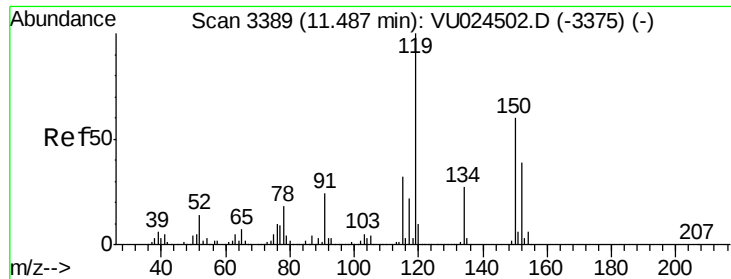


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

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: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024568.D

Acq: 15 Jun 2018 02:54

Instrument :

MSVOA_U

ClientSampleId :

SS050MW504-180610

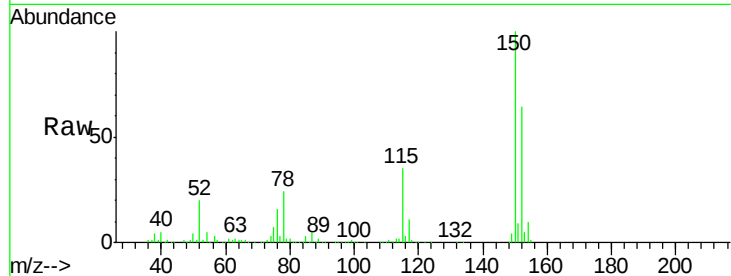
Tot Ion:152 Resp: 168345

Ion Ratio Lower Upper

152 100

115 56.1 43.0 129.0

150 156.4 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

