

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025251.D
 Acq On : 06 Jul 2018 19:42
 Operator : MD/SY
 Sample : J3808-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW364-180628

Quant Time: Jul 07 00:22:01 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

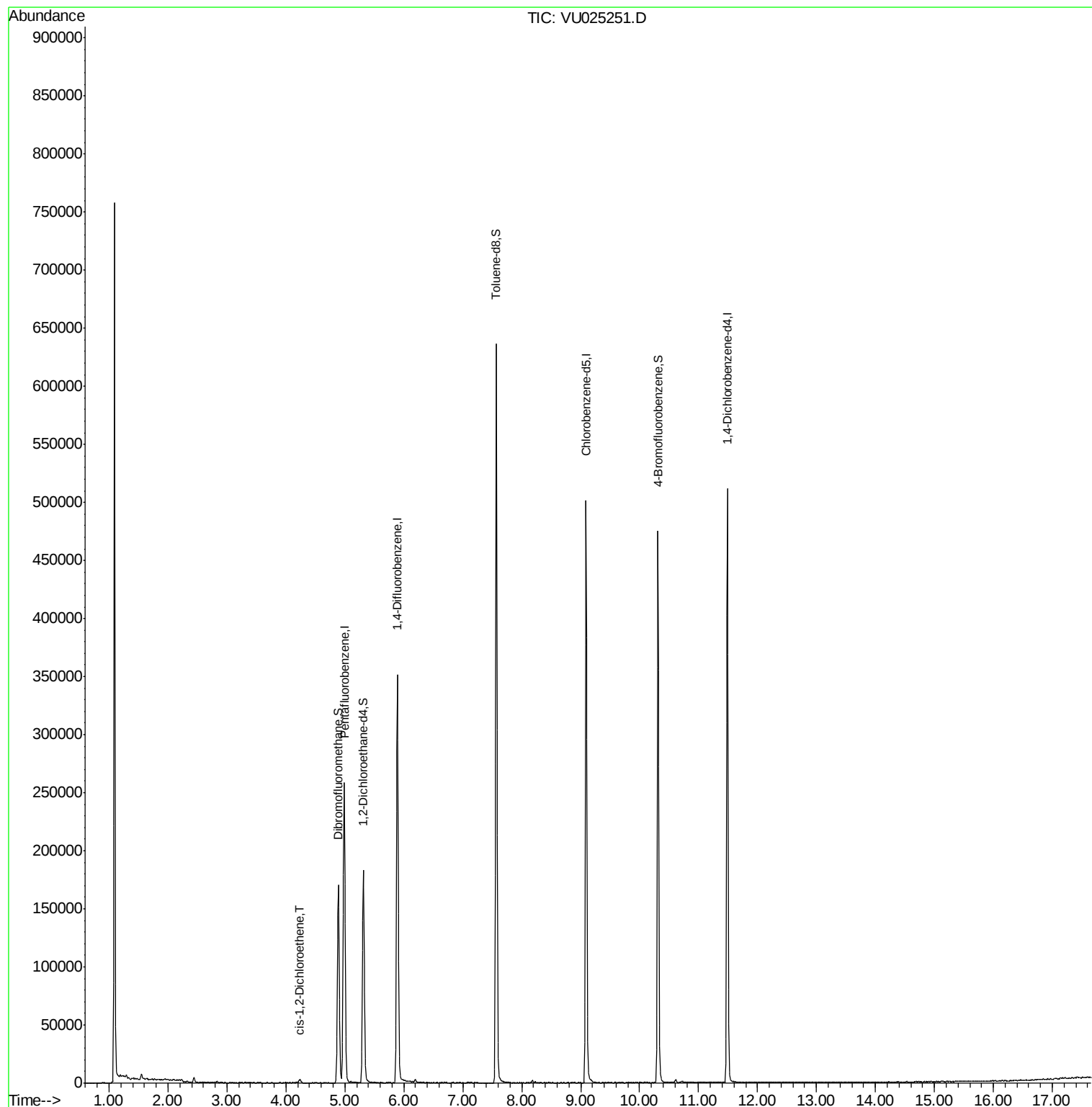
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	197949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298121	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	138576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	150532	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	4.89	113	116618	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	7.57	98	431661	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	10.31	95	156785	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	1731	0.607	ug/l	Qvalue 89

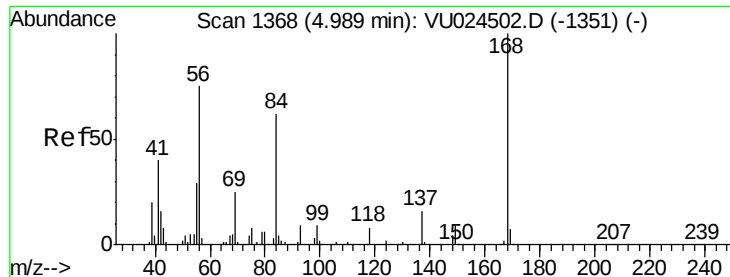
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025251.D

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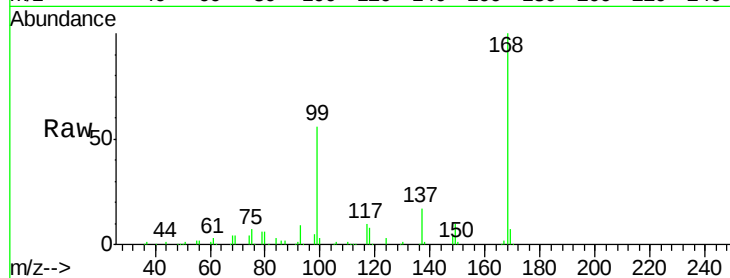
WP021MW364-180628

Tot Ion:168 Resp: 197949

Ion Ratio Lower Upper

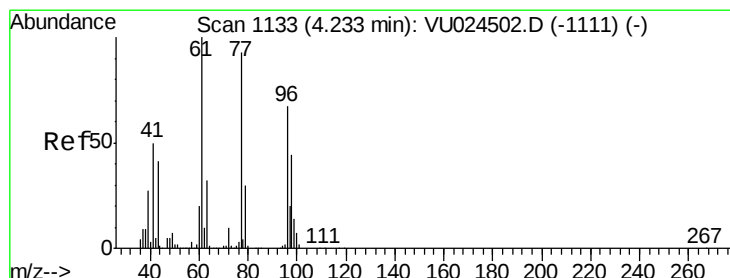
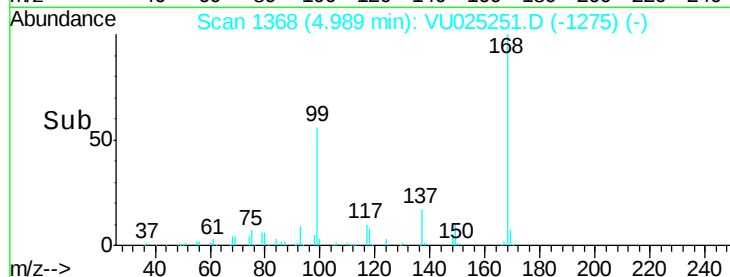
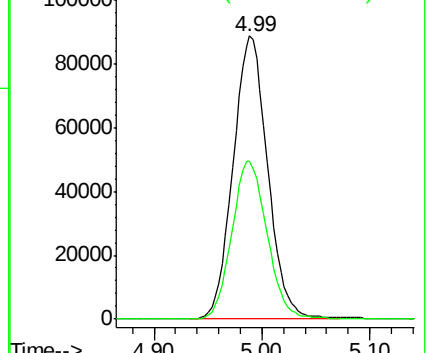
168 100

99 55.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 0.607 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025251.D

Acq: 06 Jul 2018 19:42

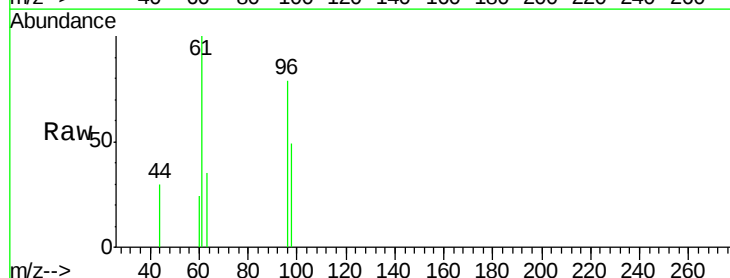
Tgt Ion: 96 Resp: 1731

Ion Ratio Lower Upper

96 100

61 133.0 0.0 306.6

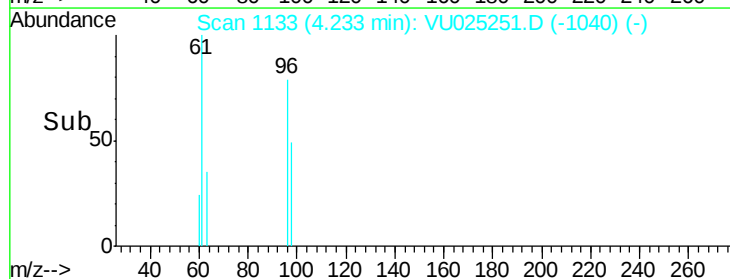
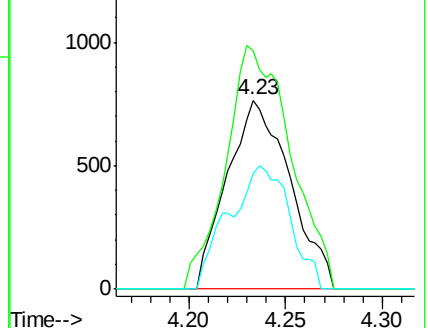
98 63.3 0.0 128.8



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

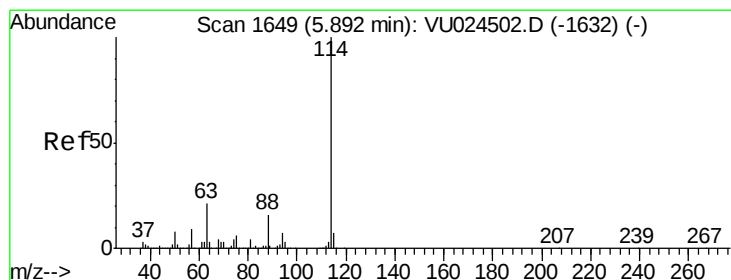
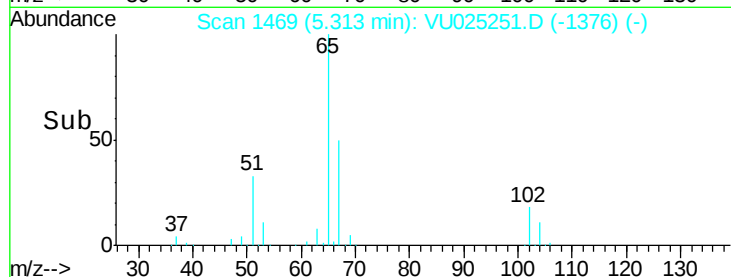
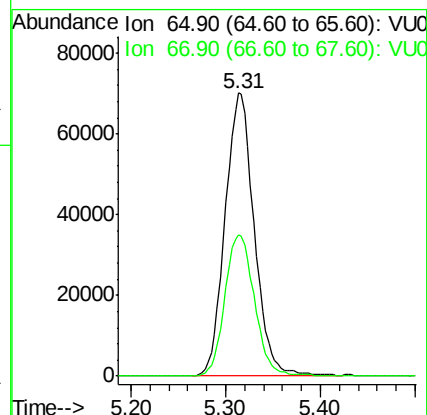
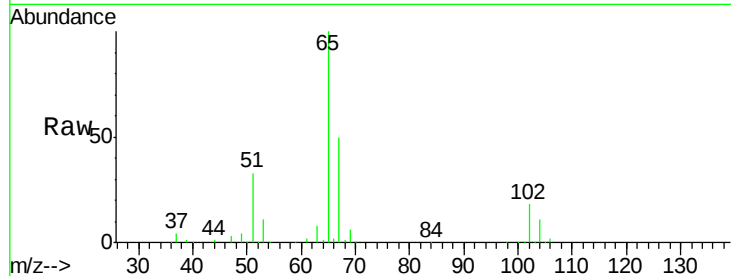




#33
 1,2-Dichloroethane-d4
 Concen: 46.582 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025251.D
 Acq: 06 Jul 2018 19:42

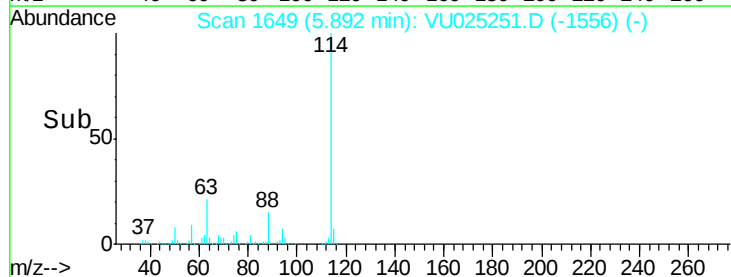
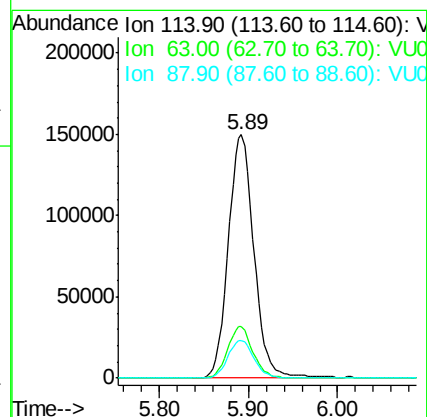
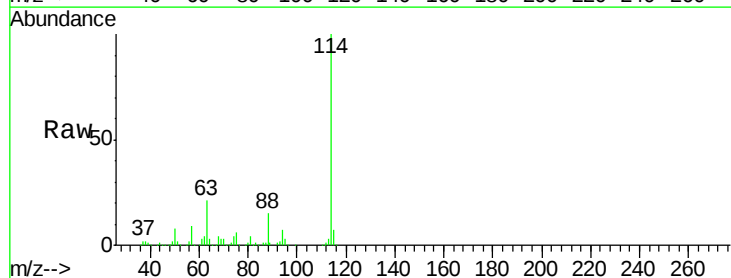
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW364-180628

Tot Ion: 65 Resp: 150532
 Ion Ratio Lower Upper
 65 100
 67 50.7 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: VU025251.D
 Acq: 06 Jul 2018 19:42

Tgt Ion: 114 Resp: 298121
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.4
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.134 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025251.D

Acq: 06 Jul 2018 19:42

Instrument :

MSVOA_U

ClientSampleId :

WP021MW364-180628

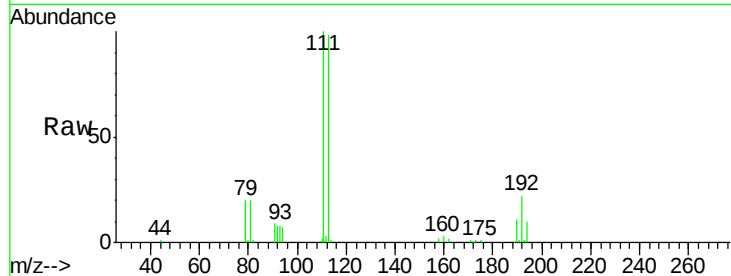
Tot Ion:113 Resp: 116618

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

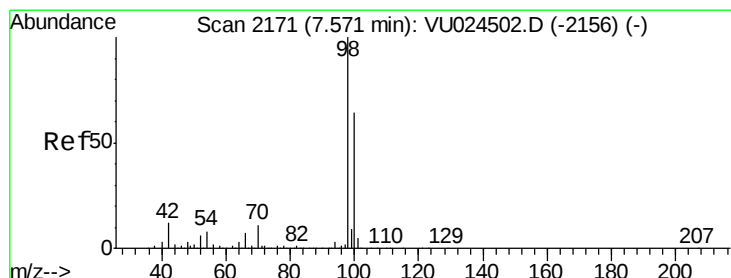
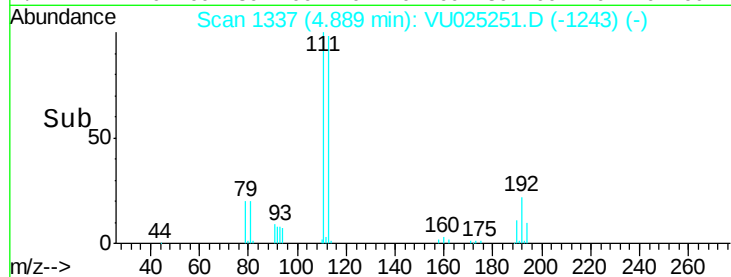
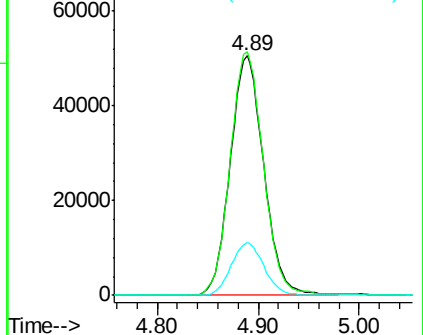
192 21.4 16.2 24.4



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: 47.831 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025251.D

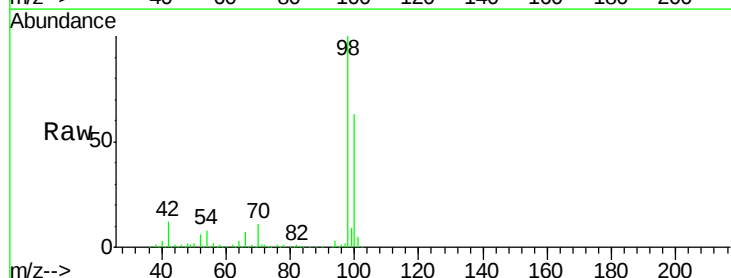
Acq: 06 Jul 2018 19:42

Tgt Ion: 98 Resp: 431661

Ion Ratio Lower Upper

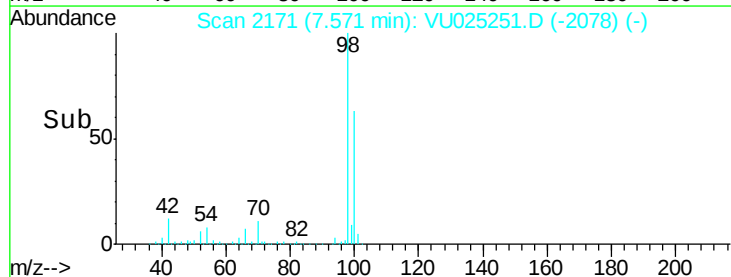
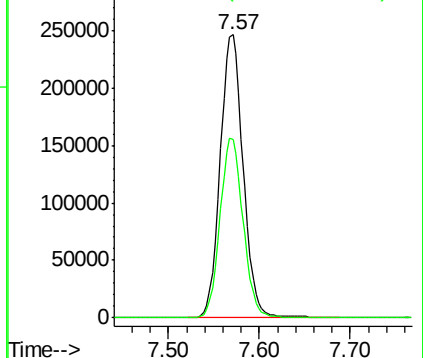
98 100

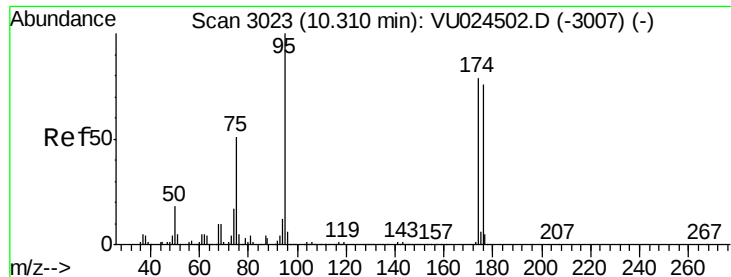
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 43.756 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025251.D

Acq: 06 Jul 2018 19:42

Instrument :

MSVOA_U

ClientSampleId :

WP021MW364-180628

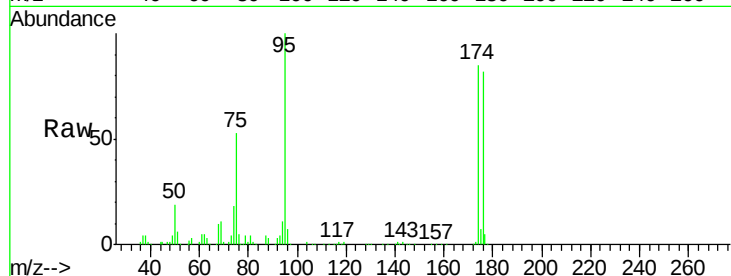
Tot Ion: 95 Resp: 156785

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

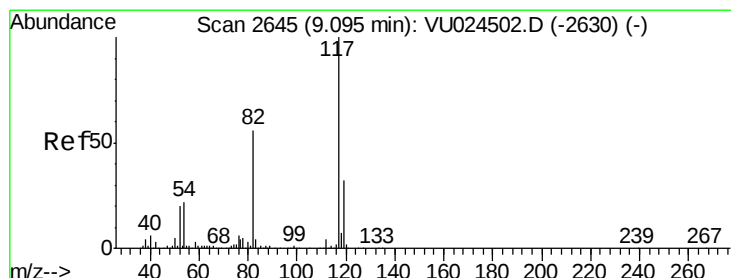
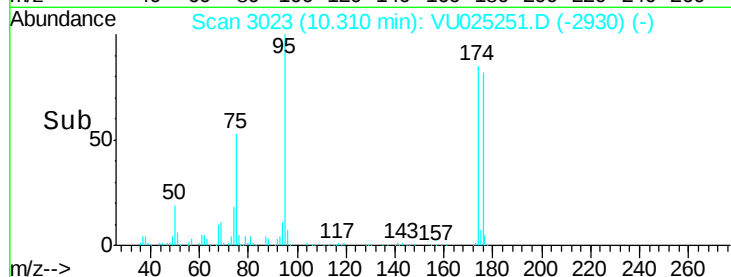
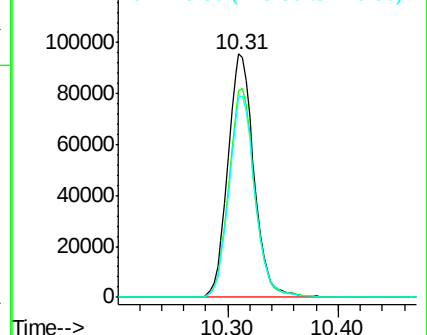
176 82.9 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025251.D

Acq: 06 Jul 2018 19:42

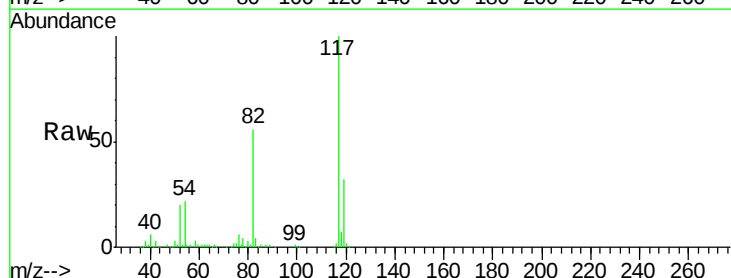
Tgt Ion: 117 Resp: 276016

Ion Ratio Lower Upper

117 100

82 56.2 44.3 66.5

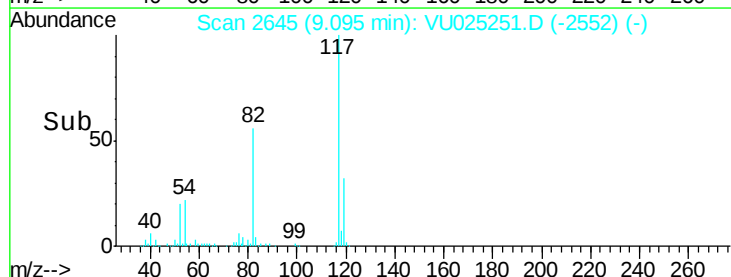
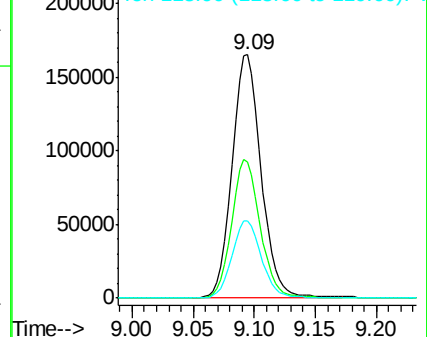
119 31.9 25.4 38.2

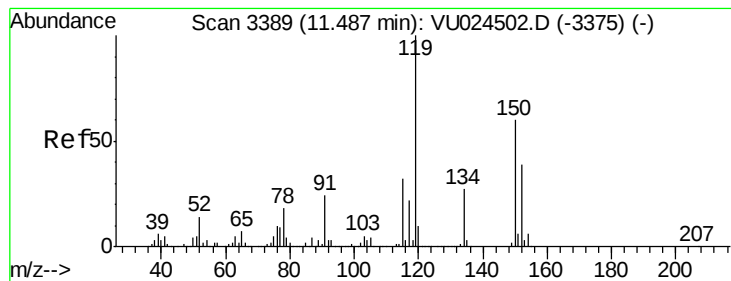


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025251.D

Acq: 06 Jul 2018 19:42

Instrument :

MSVOA_U

ClientSampleId :

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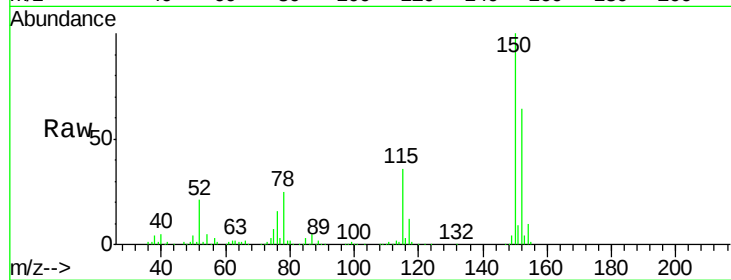
Tot Ion:152 Resp: 138576

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

150 155.8 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

