

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025117.D
 Acq On : 01 Jul 2018 04:07
 Operator : MD/SY
 Sample : J3804-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-01

Quant Time: Jul 02 09:24:36 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

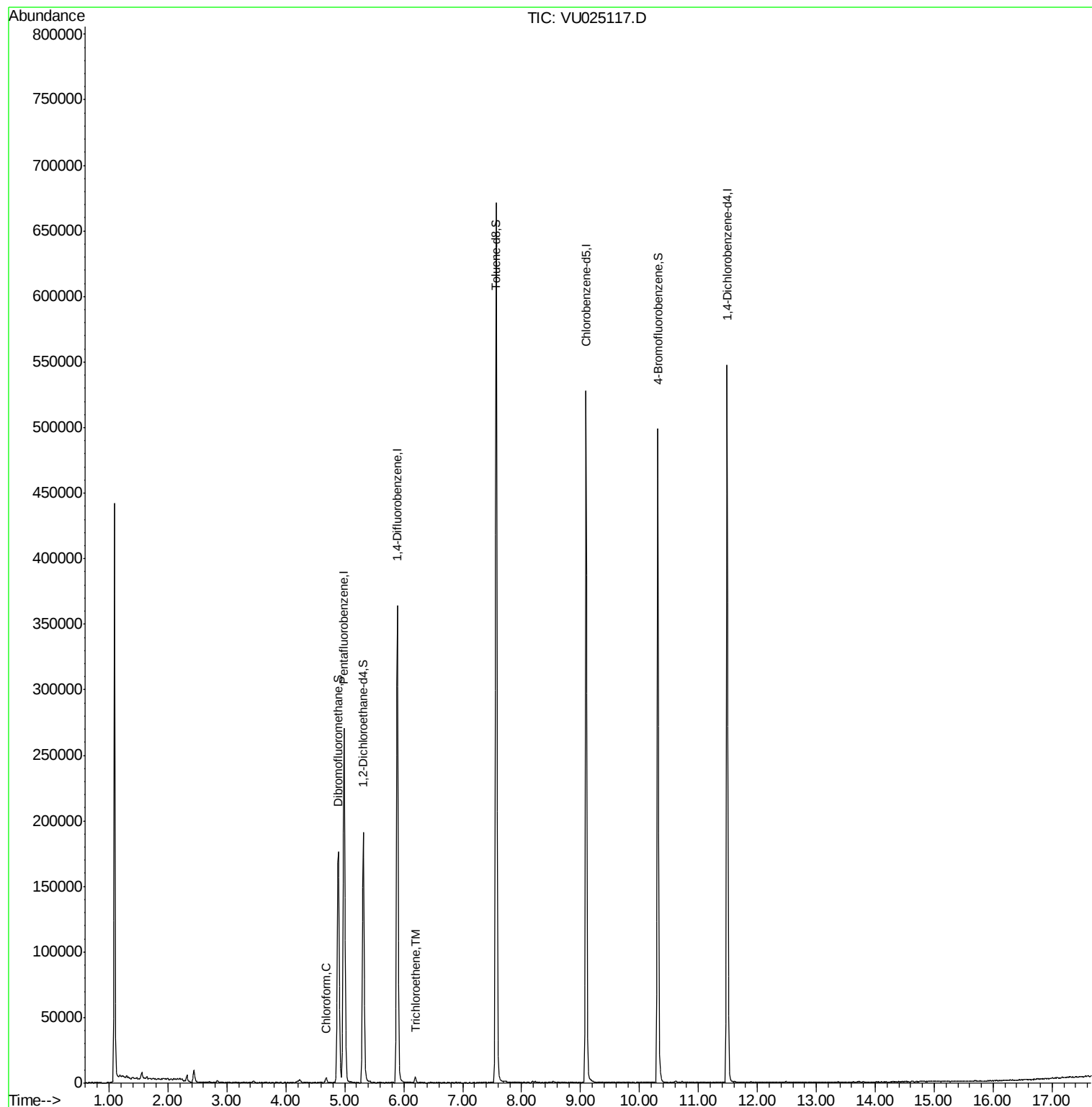
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	206041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310400	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157471	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
35) Dibromofluoromethane	4.89	113	121643	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	7.57	98	448793	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.31	95	163430	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
Target Compounds						
30) Chloroform	4.69	83	3674	0.73	ug/l	84
44) Trichloroethene	6.20	130	1712	0.58	ug/l	88

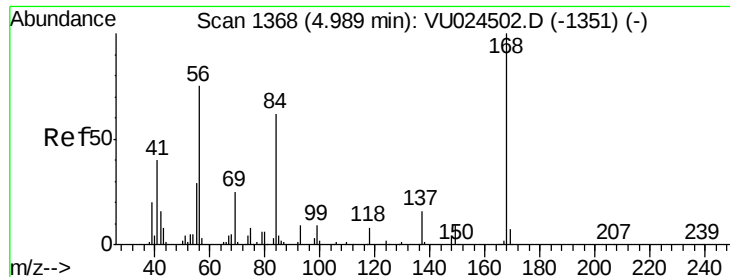
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025117.D

Acq: 01 Jul 2018 04:07

Instrument :

MSVOA_U

ClientSampleId :

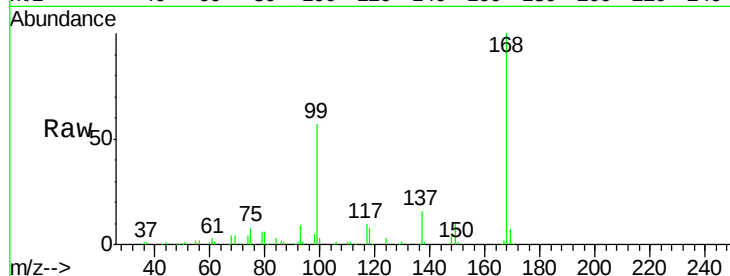
MW-01

Tot Ion:168 Resp: 206041

Ion Ratio Lower Upper

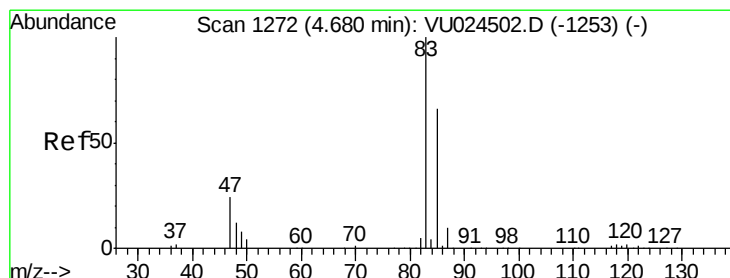
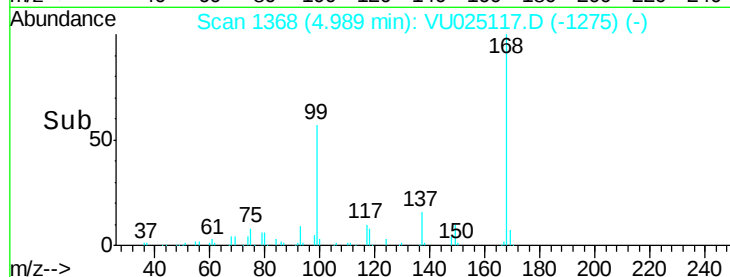
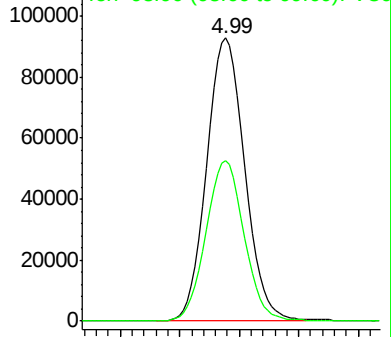
168 100

99 56.5 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) (-)



#30

Chloroform

Concen: 0.73 ug/l

RT: 4.69 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VU025117.D

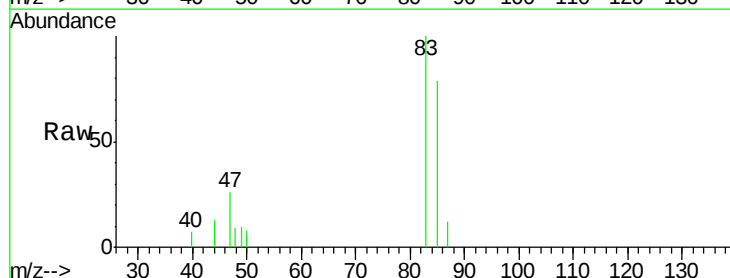
Acq: 01 Jul 2018 04:07

Tgt Ion: 83 Resp: 3674

Ion Ratio Lower Upper

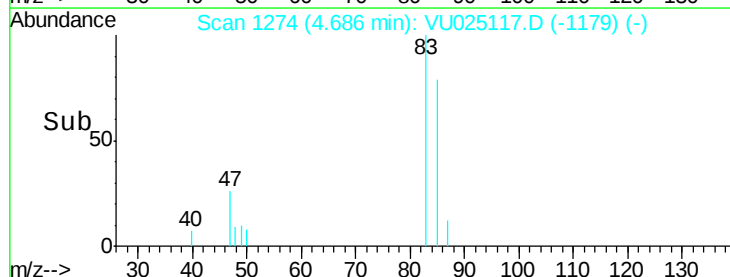
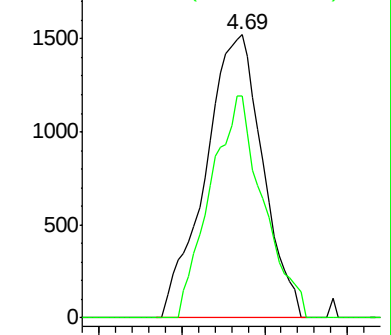
83 100

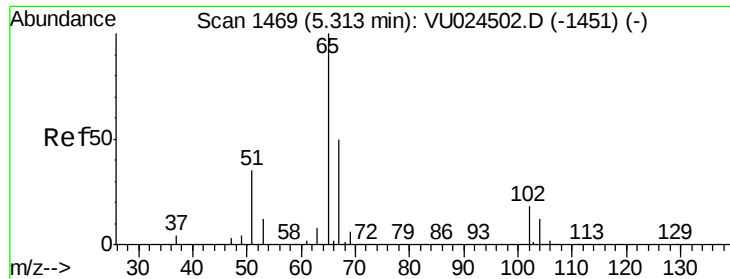
85 78.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-1253) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-1253) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.82 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025117.D

Acq: 01 Jul 2018 04:07

Instrument :

MSVOA_U

ClientSampleId :

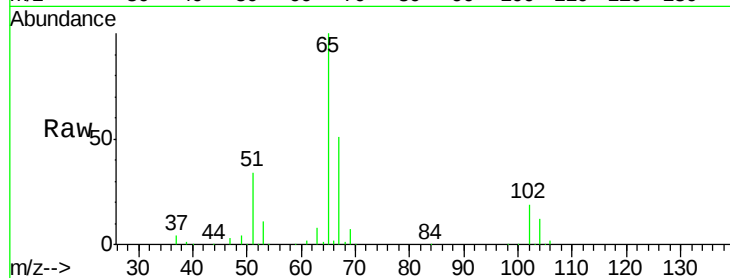
MW-01

Tot Ion: 65 Resp: 157471

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.0

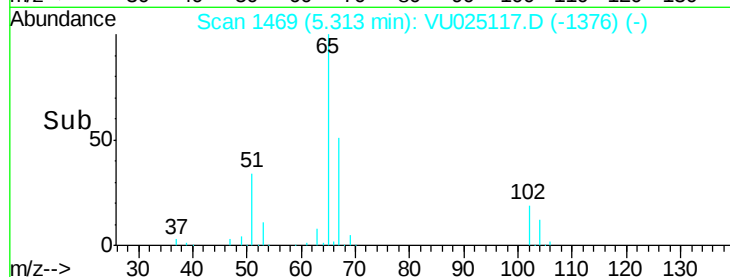


Abundance Ion 64.90 (64.60 to 65.60): VU025117.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025117.D (-1376) (-)

5.31

Time-->



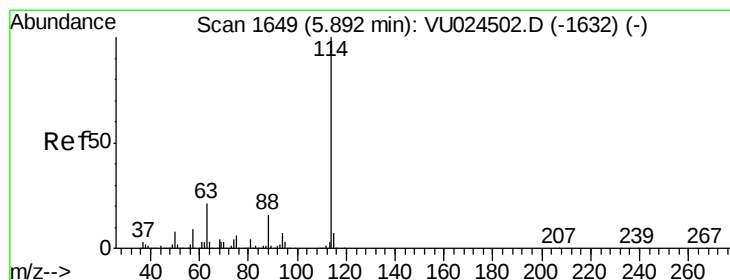
Abundance

Ion 64.90 (64.60 to 65.60): VU025117.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025117.D (-1376) (-)

5.31

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025117.D

Acq: 01 Jul 2018 04:07

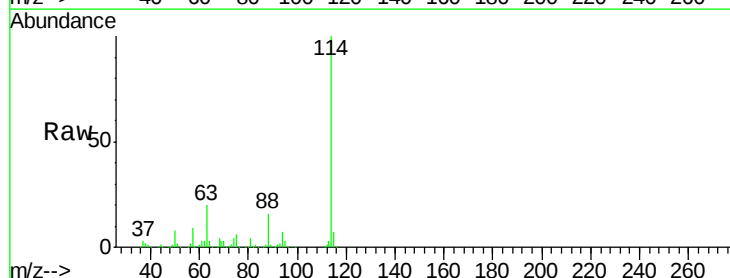
Tgt Ion: 114 Resp: 310400

Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.4

88 16.3 0.0 31.0



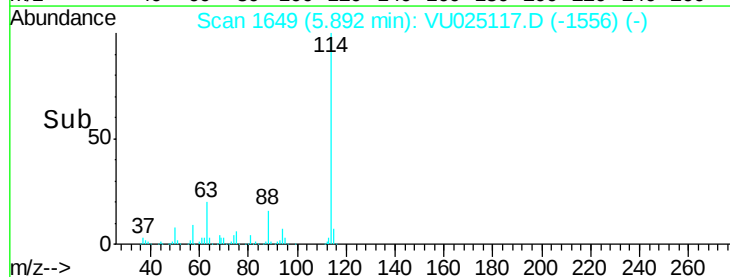
Abundance Ion 113.90 (113.60 to 114.60): VU025117.D (-1556) (-)

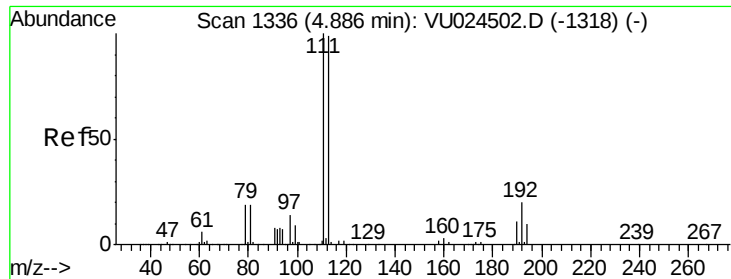
Ion 63.00 (62.70 to 63.70): VU025117.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025117.D (-1556) (-)

5.89

Time-->





#35

Dibromofluoromethane

Concen: 47.22 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025117.D

Acq: 01 Jul 2018 04:07

Instrument :

MSVOA_U

ClientSampleId :

MW-01

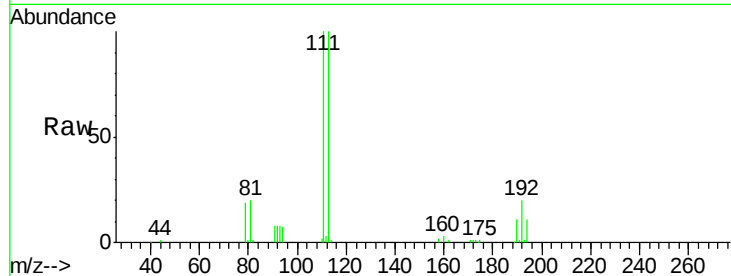
Tot Ion:113 Resp: 121643

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

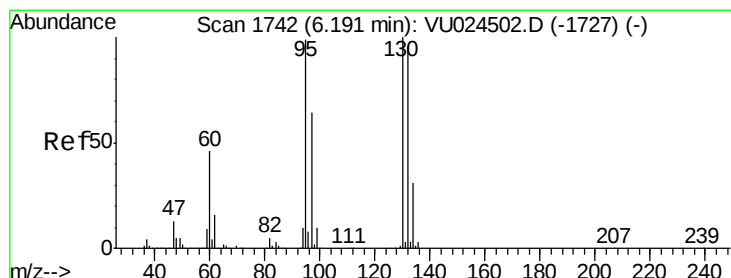
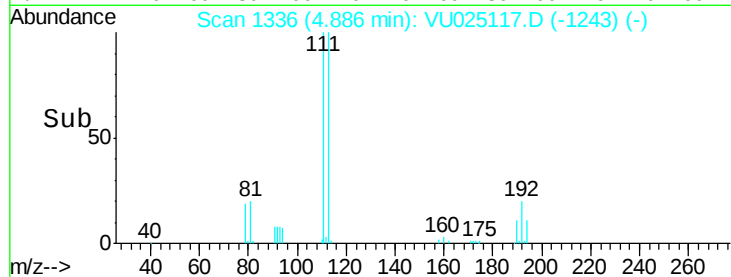
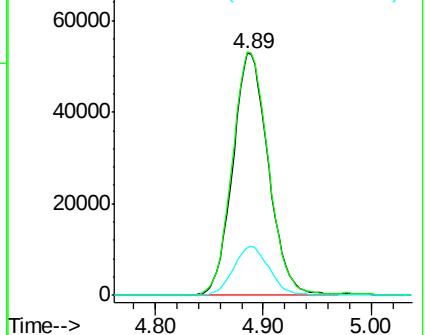
192 20.3 16.2 24.4



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



#44

Trichloroethene

Concen: 0.58 ug/l

RT: 6.20 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VU025117.D

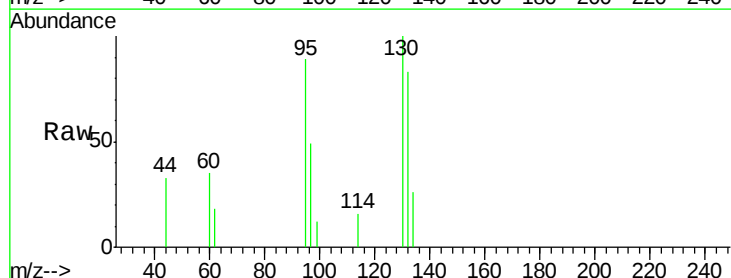
Acq: 01 Jul 2018 04:07

Tgt Ion:130 Resp: 1712

Ion Ratio Lower Upper

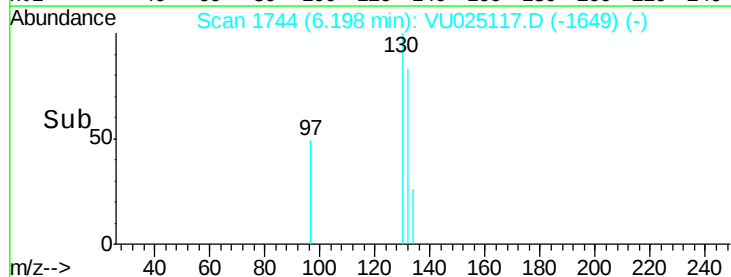
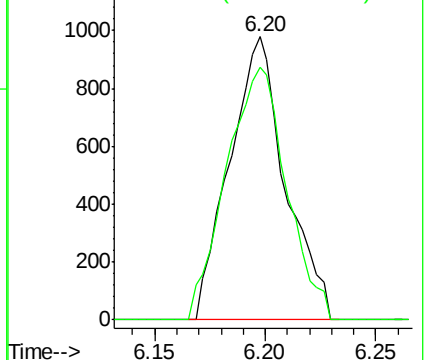
130 100

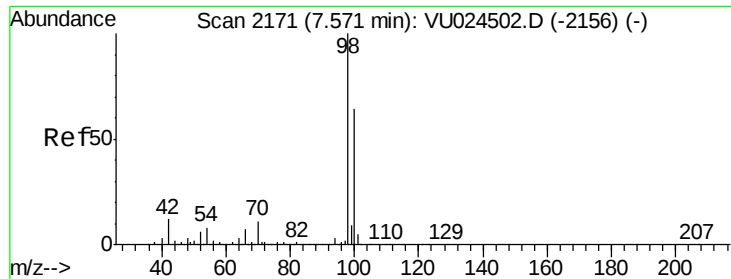
95 89.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 47.76 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025117.D

Acq: 01 Jul 2018 04:07

Instrument :

MSVOA_U

ClientSampleId :

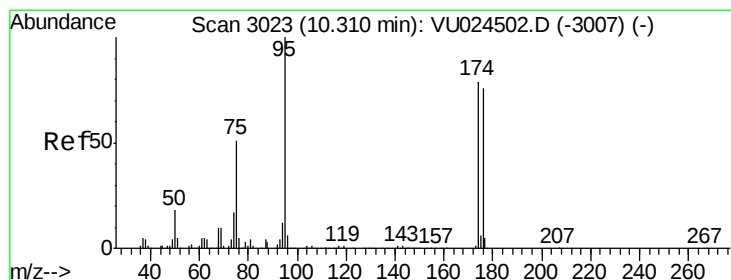
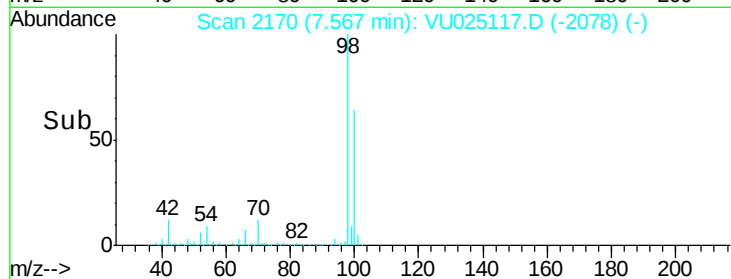
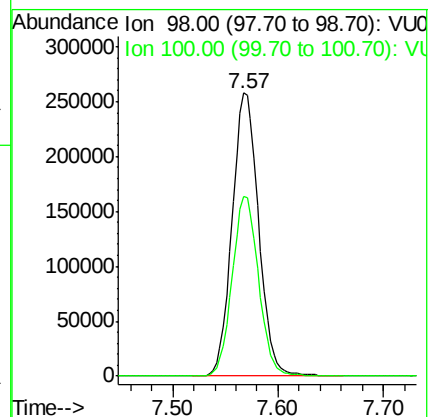
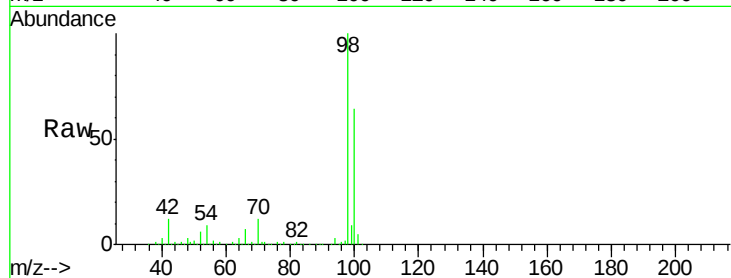
MW-01

Tot Ion: 98 Resp: 448793

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.81 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025117.D

Acq: 01 Jul 2018 04:07

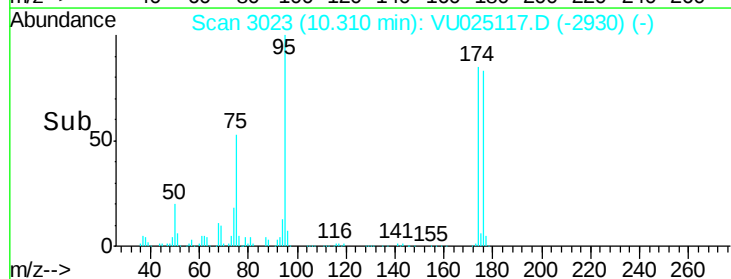
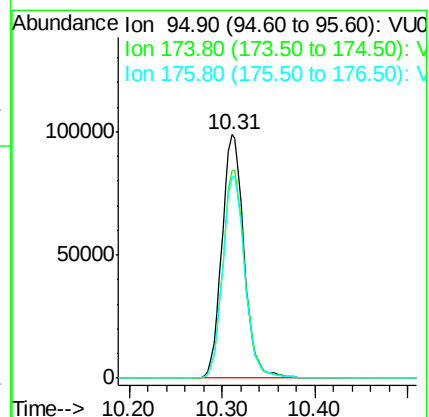
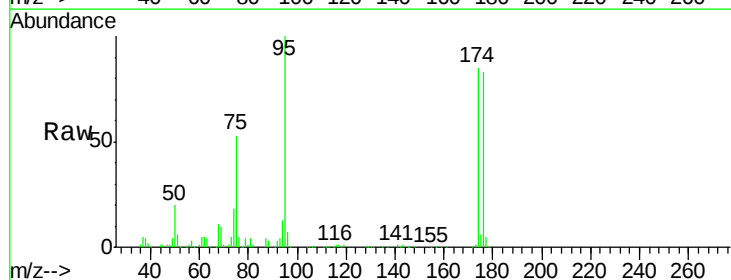
Tgt Ion: 95 Resp: 163430

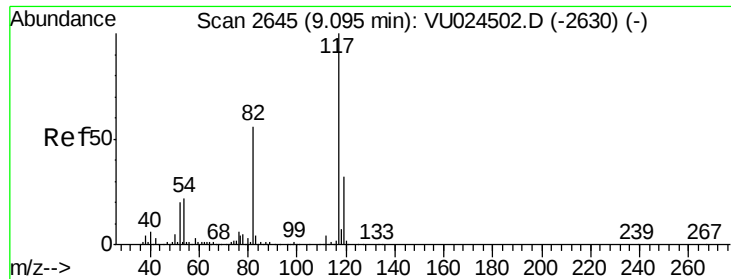
Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

176 83.1 0.0 159.4

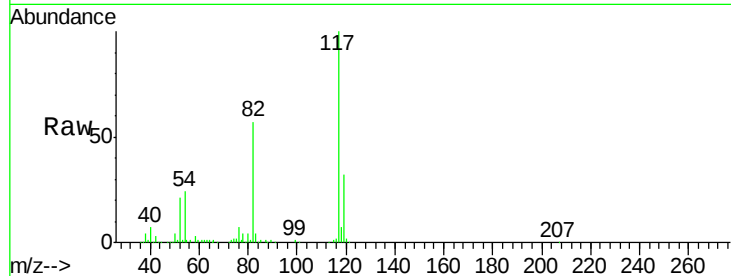




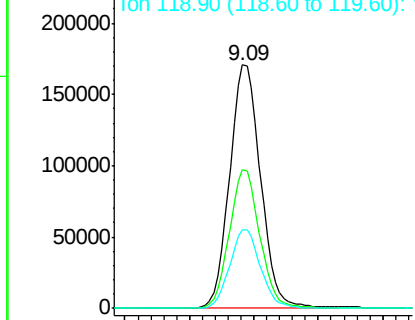
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025117.D
Acq: 01 Jul 2018 04:07

Instrument :
MSVOA_U
ClientSampleId :
MW-01

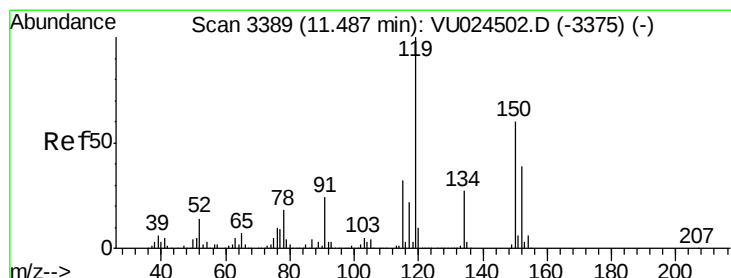
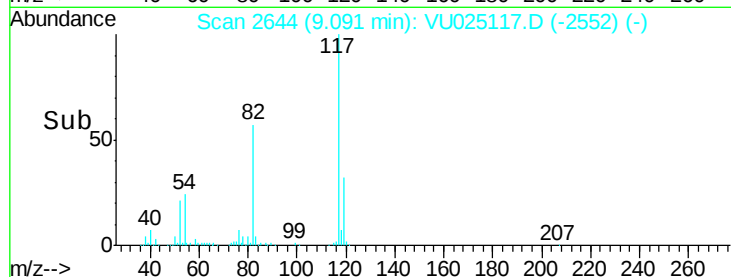
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.3	66.5
119	32.5	25.4	38.2



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

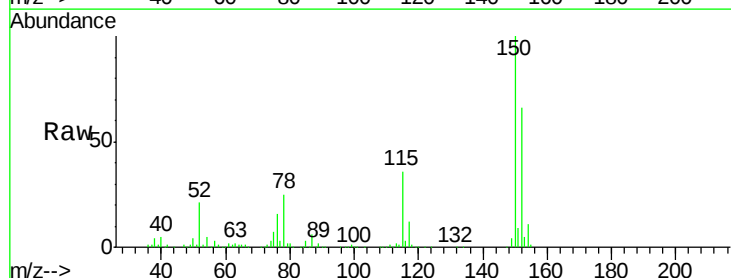


Time--> 9.00 9.05 9.10 9.15 9.20

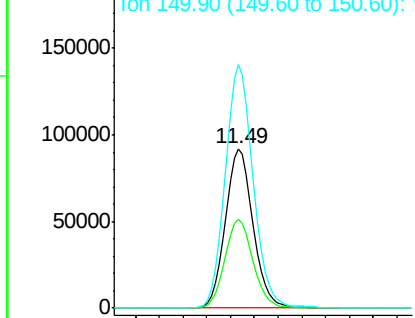


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025117.D
Acq: 01 Jul 2018 04:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	43.0	129.0
150	154.2	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



Time--> 11.40 11.50 11.60

