

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024946.D
 Acq On : 27 Jun 2018 01:58
 Operator : MD/SY
 Sample : J3664-24ME 20X
 Misc : 7.58g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB471-35-37-180619ME

Quant Time: Jun 27 05:35:46 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

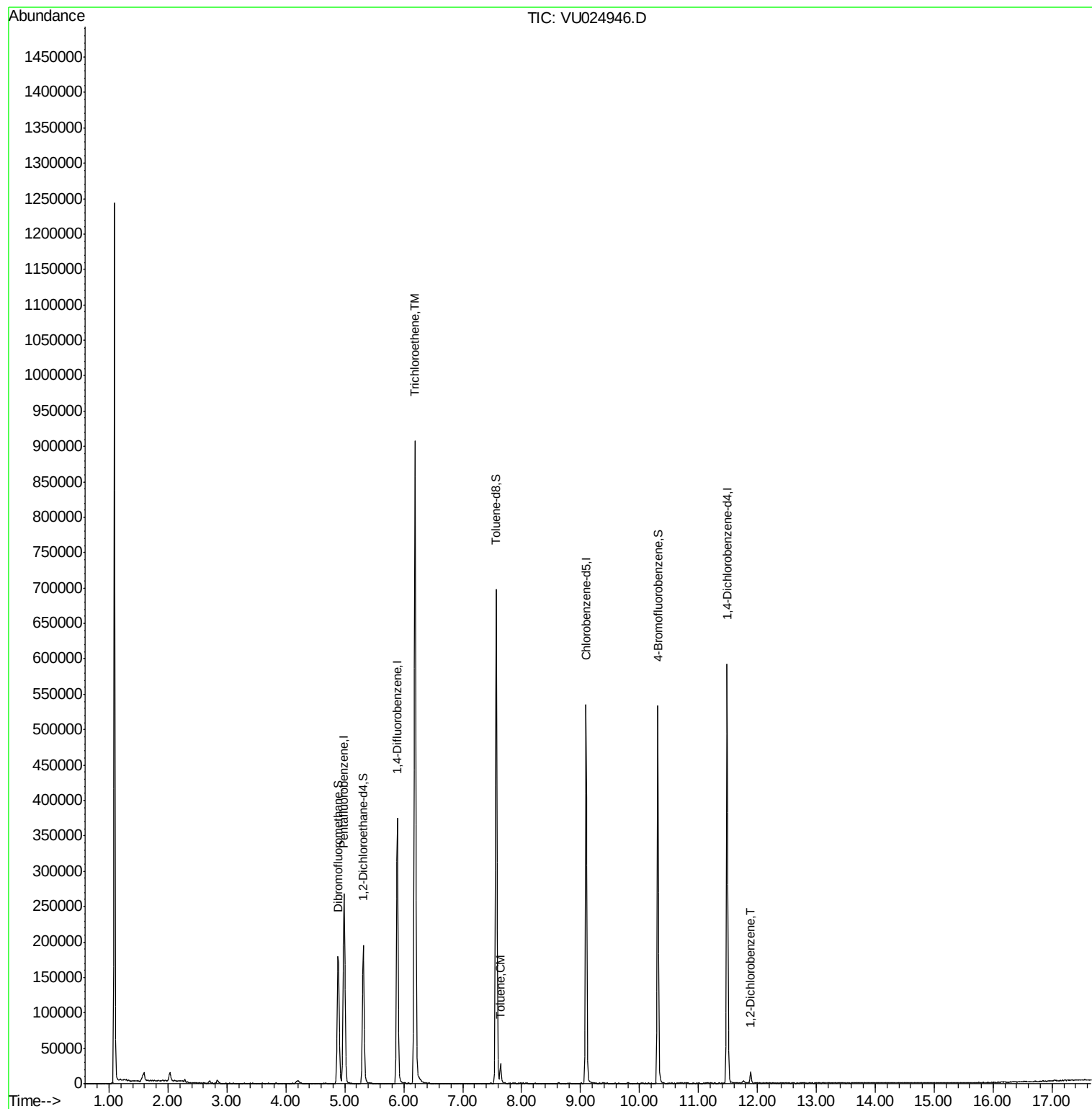
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315380	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	158477	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
35) Dibromofluoromethane	4.89	113	122642	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	7.57	98	457075	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	10.31	95	168272	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
44) Trichloroethene	6.19	130	320206	106.55	ug/l	98
52) Toluene	7.64	92	11103	1.63	ug/l	97
91) 1,2-Dichlorobenzene	11.89	146	6930	1.25	ug/l	96

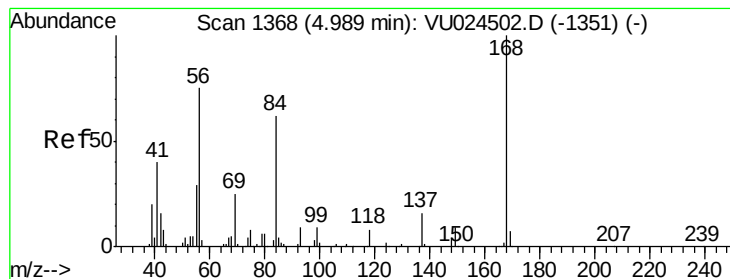
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
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: VU024946.D

Acq: 27 Jun 2018 01:58

Instrument :

MSVOA_U

ClientSampleId :

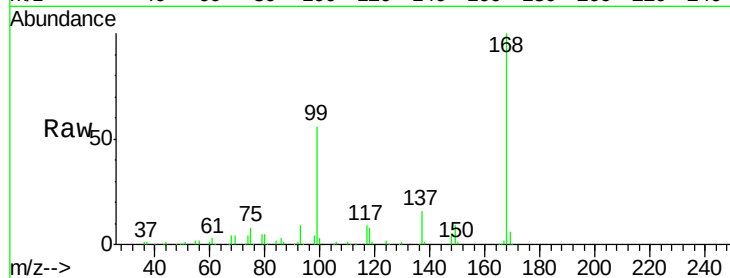
WP021SB471-35-37-180619ME

Tot Ion:168 Resp: 207644

Ion Ratio Lower Upper

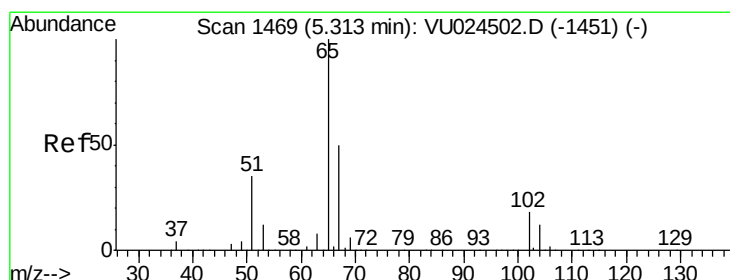
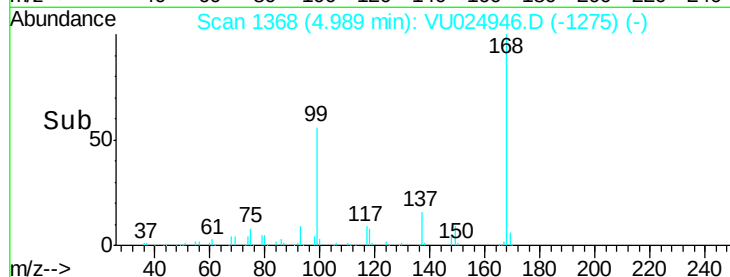
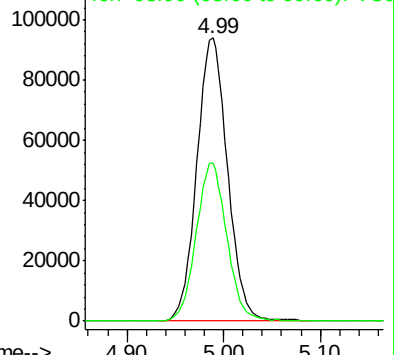
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 46.75 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024946.D

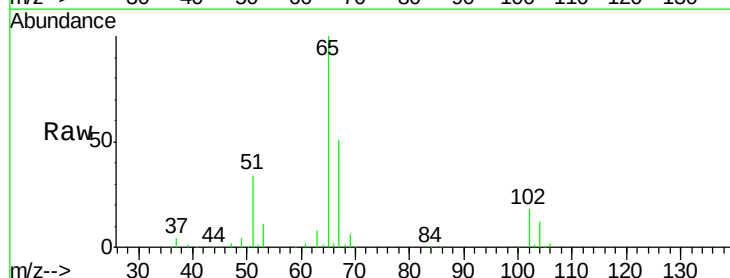
Acq: 27 Jun 2018 01:58

Tgt Ion: 65 Resp: 158477

Ion Ratio Lower Upper

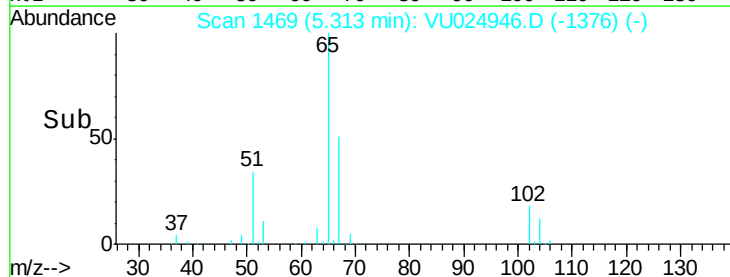
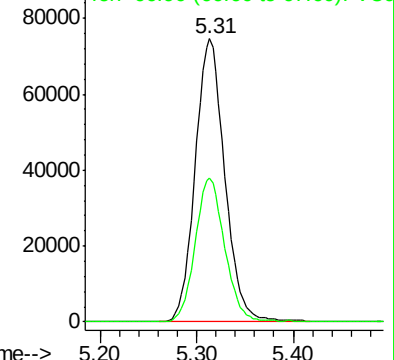
65 100

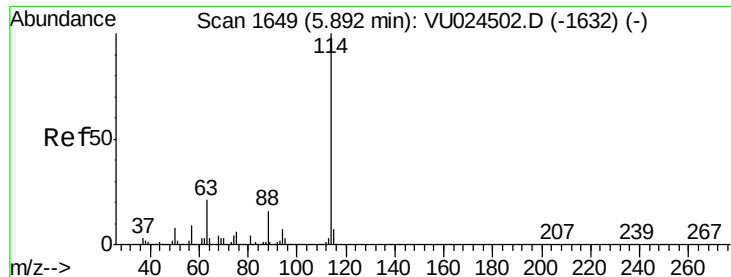
67 50.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024946.D

Acq: 27 Jun 2018 01:58

Instrument :

MSVOA_U

ClientSampleId :

WP021SB471-35-37-180619ME

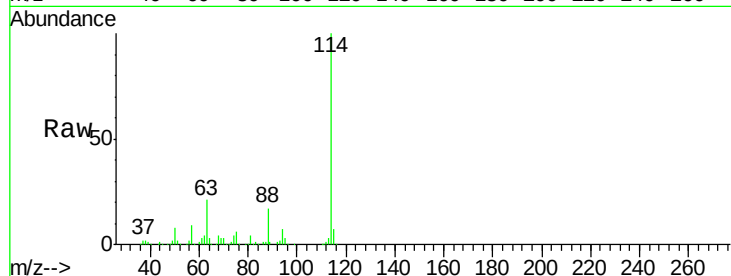
Tot Ion:114 Resp: 315380

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.4

88 17.0 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

200000

150000

100000

50000

0

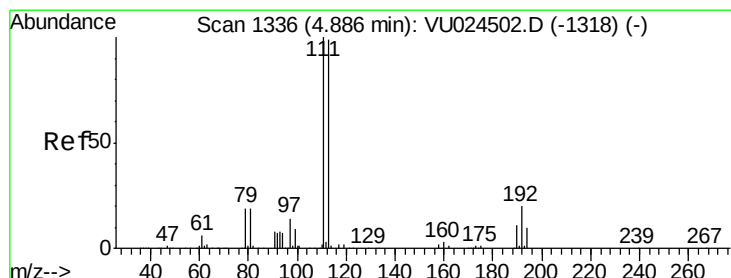
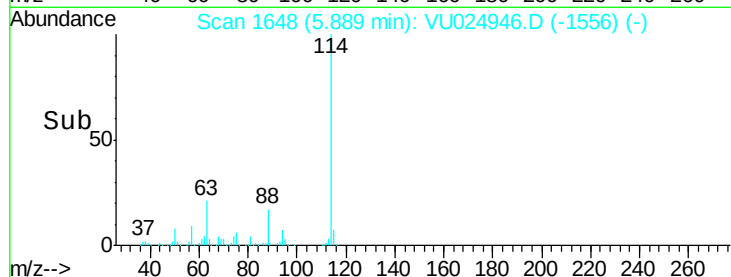
5.89

5.80

5.90

6.00

Time-->



#35

Dibromofluoromethane

Concen: 46.86 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024946.D

Acq: 27 Jun 2018 01:58

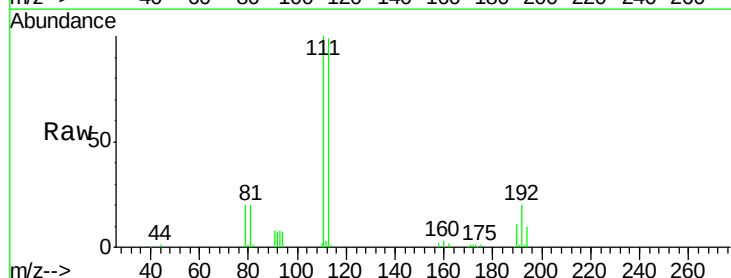
Tgt Ion:113 Resp: 122642

Ion Ratio Lower Upper

113 100

111 101.5 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

60000

40000

20000

0

4.89

4.80

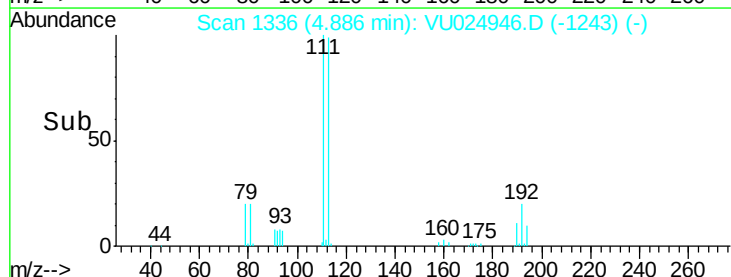
4.85

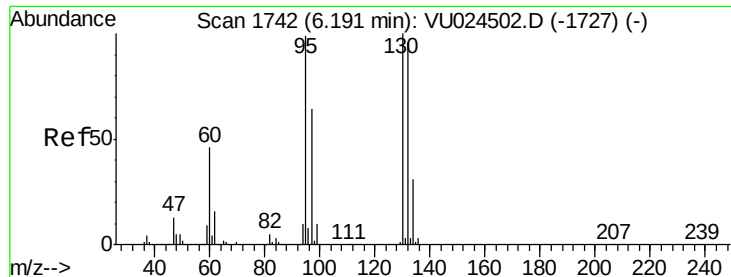
4.90

4.95

5.00

Time-->





#44

Trichloroethene

Concen: 106.55 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024946.D

Acq: 27 Jun 2018 01:58

Instrument :

MSVOA_U

ClientSampleId :

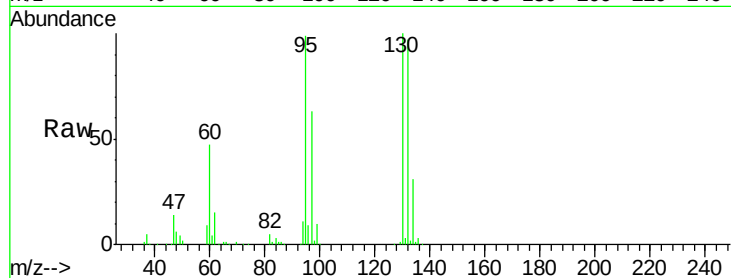
WP021SB471-35-37-180619ME

Tot Ion:130 Resp: 320206

Ion Ratio Lower Upper

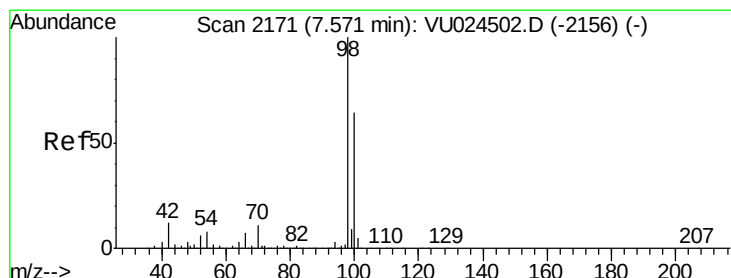
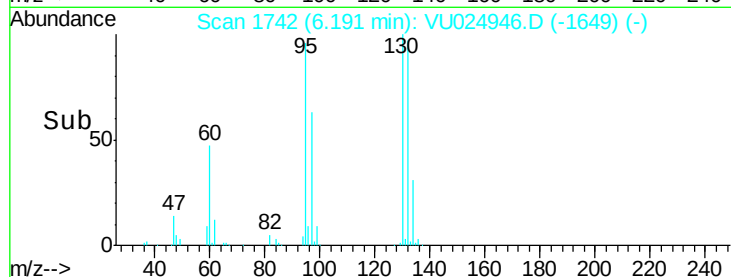
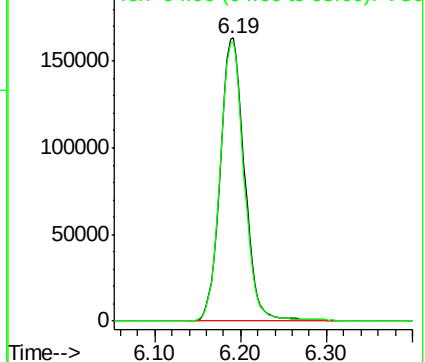
130 100

95 98.9 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: 47.88 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024946.D

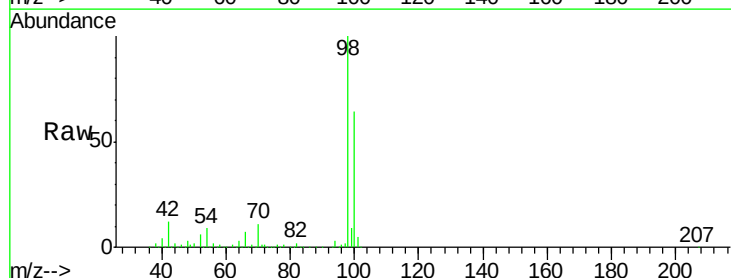
Acq: 27 Jun 2018 01:58

Tgt Ion: 98 Resp: 457075

Ion Ratio Lower Upper

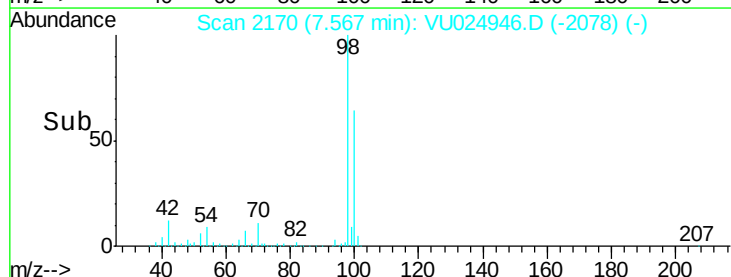
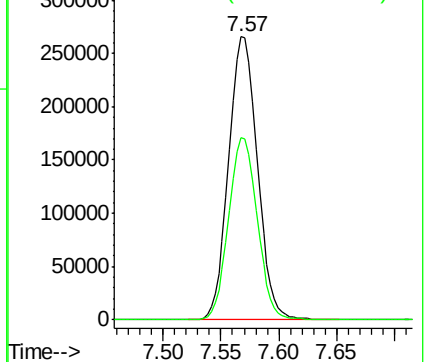
98 100

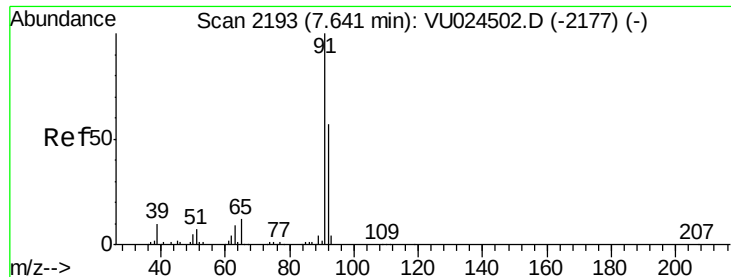
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 1.63 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024946.D

Acq: 27 Jun 2018 01:58

Instrument :

MSVOA_U

ClientSampleId :

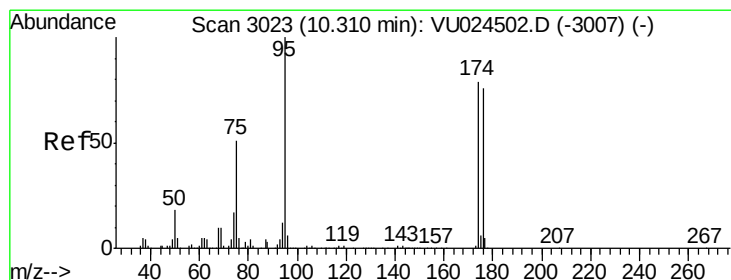
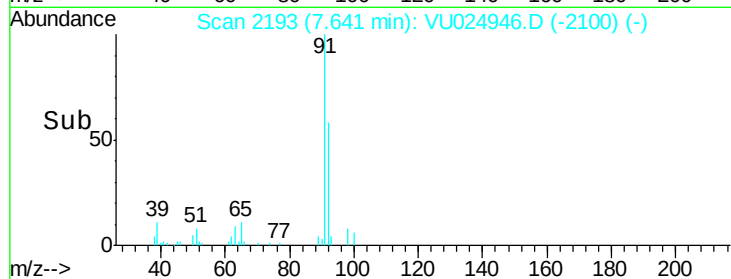
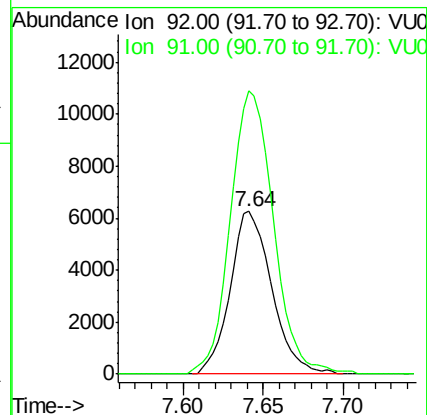
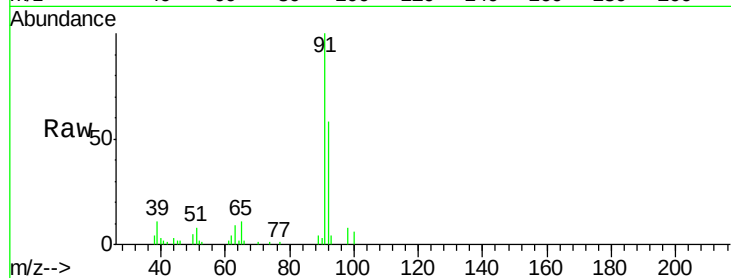
WP021SB471-35-37-180619ME

Tot Ion: 92 Resp: 11103

Ion Ratio Lower Upper

92 100

91 180.4 140.5 210.7



#62

4-Bromofluorobenzene

Concen: 44.39 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024946.D

Acq: 27 Jun 2018 01:58

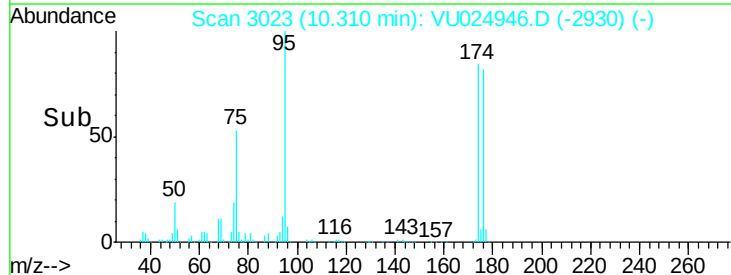
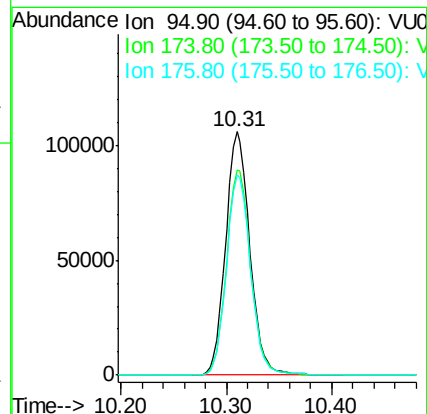
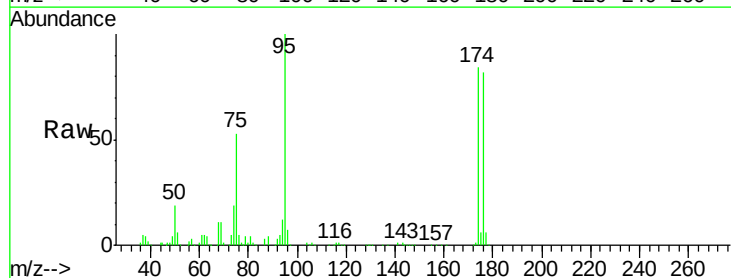
Tgt Ion: 95 Resp: 168272

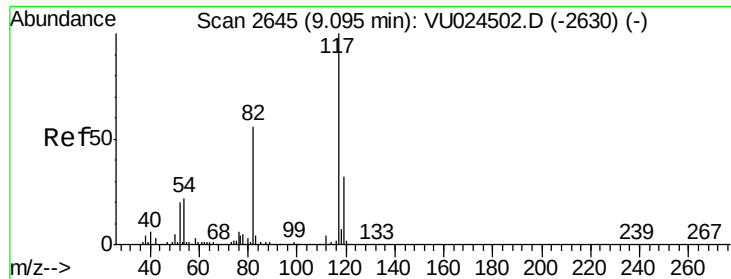
Ion Ratio Lower Upper

95 100

174 84.4 0.0 165.8

176 82.3 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: VU024946.D

Acq: 27 Jun 2018 01:58

Instrument :

MSVOA_U

ClientSampleId :

WP021SB471-35-37-180619ME

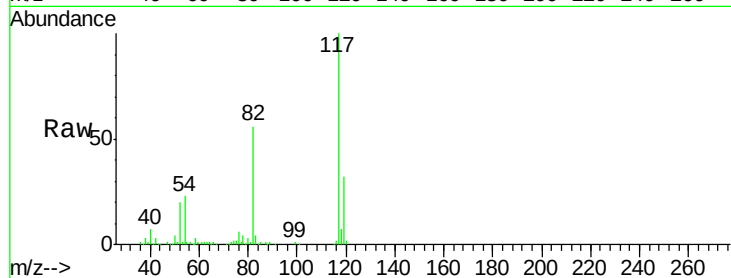
Tot Ion:117 Resp: 288067

Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

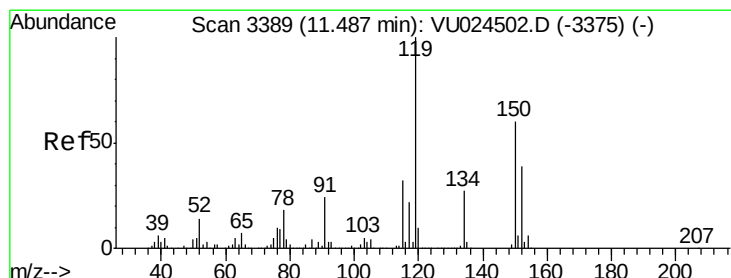
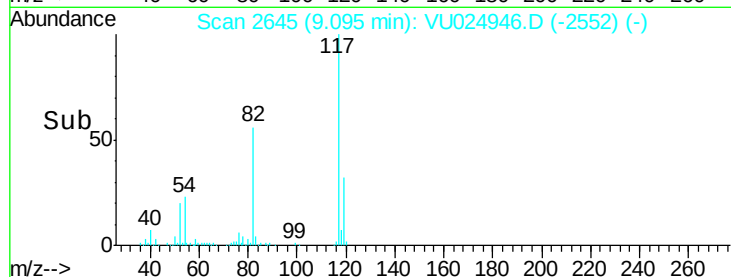
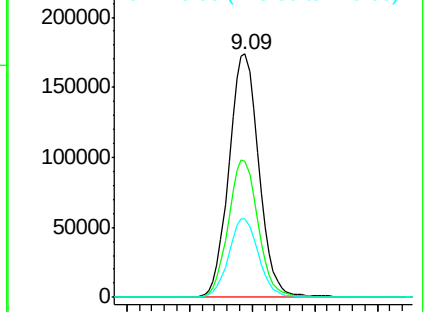
119 32.4 25.4 38.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024946.D

Acq: 27 Jun 2018 01:58

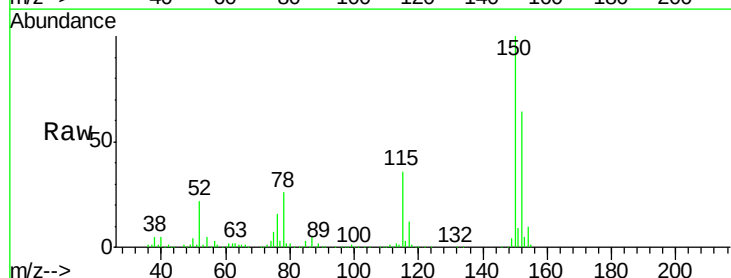
Tgt Ion:152 Resp: 153949

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

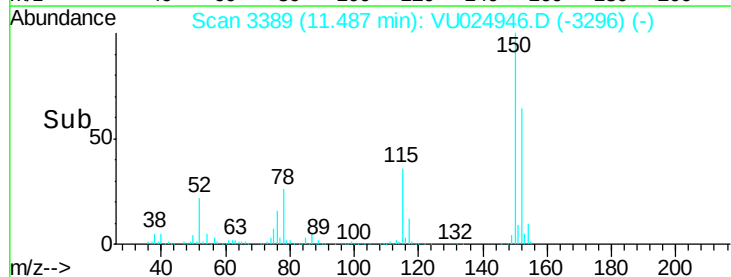
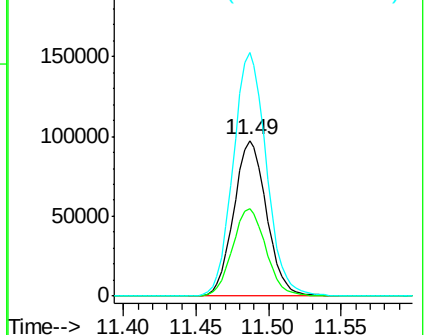
150 158.4 0.0 354.0

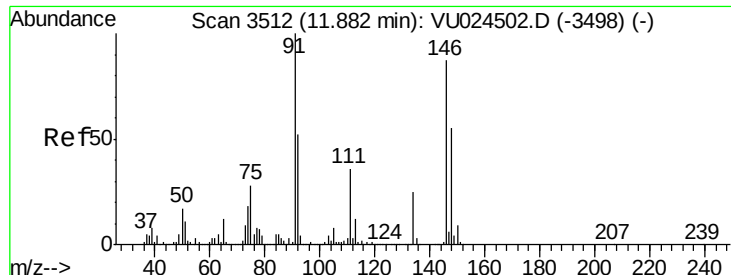


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

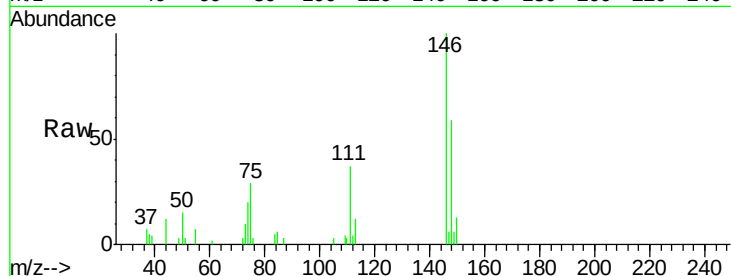




#91
 1,2-Dichlorobenzene
 Concen: 1.25 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU024946.D
 Acq: 27 Jun 2018 01:58

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB471-35-37-180619ME

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.6
148	59.6	31.9	95.7



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

