

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024992.D
 Acq On : 28 Jun 2018 02:09
 Operator : MD/SY
 Sample : J3670-13ME
 Misc : 5.92g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB477-23-25-180621ME

Quant Time: Jun 28 09:48:58 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

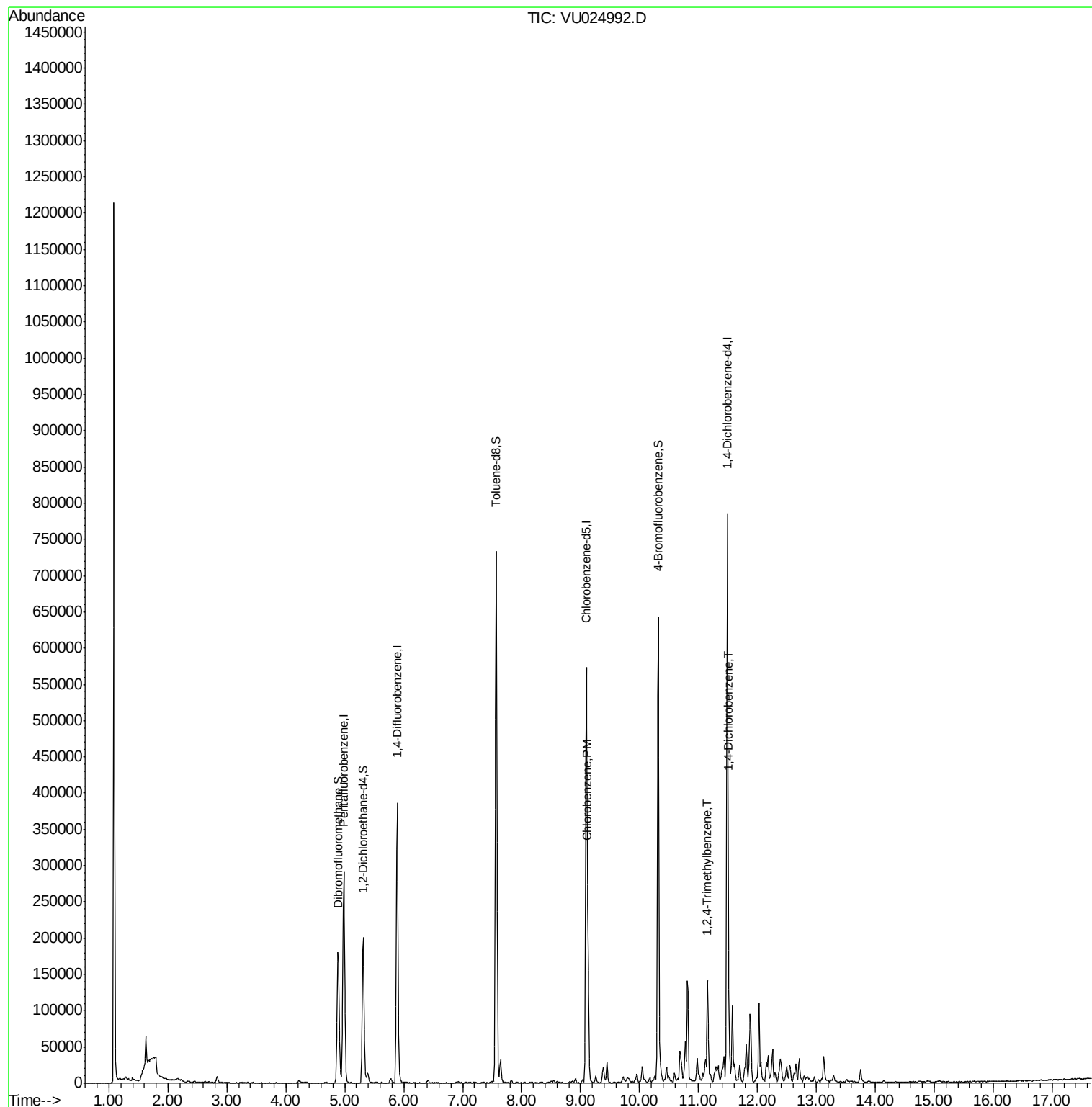
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	228601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	344485	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	334637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	197332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	172930	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
35) Dibromofluoromethane	4.89	113	132591	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	7.57	98	505736	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	10.32	95	209777	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
65) Chlorobenzene	9.13	112	100261	11.73	ug/l	97
84) 1,2,4-Trimethylbenzene	11.16	105	75445	5.64	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	18824	2.64	ug/l	91

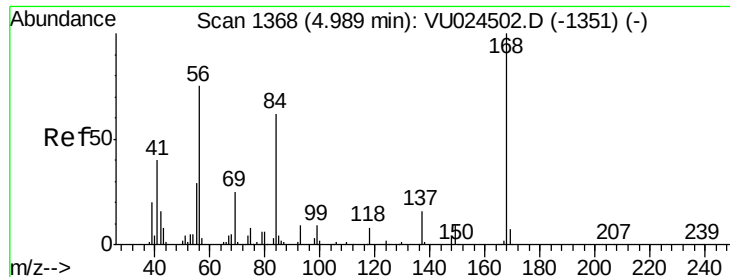
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024992.D

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Instrument :

MSVOA_U

ClientSampleId :

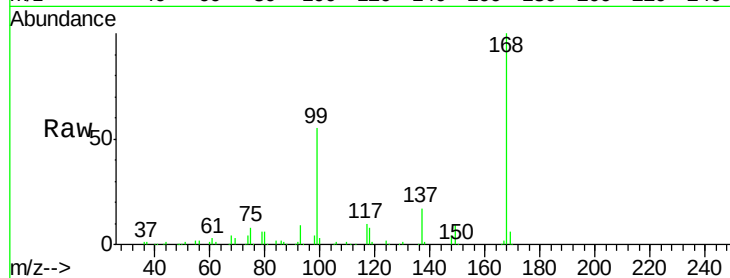
WP021SB477-23-25-180621ME

Tot Ion:168 Resp: 228601

Ion Ratio Lower Upper

168 100

99 55.1 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) (-)

4.98

100000

80000

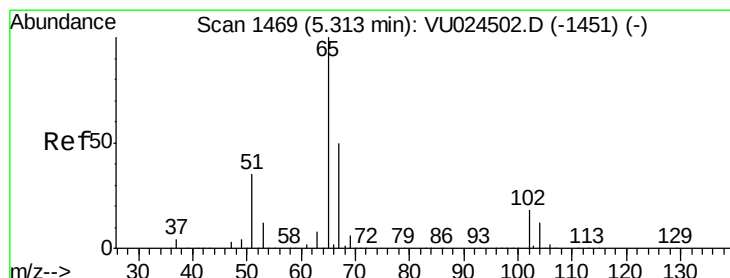
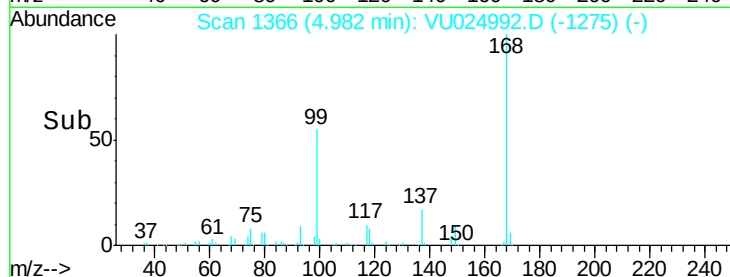
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.34 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024992.D

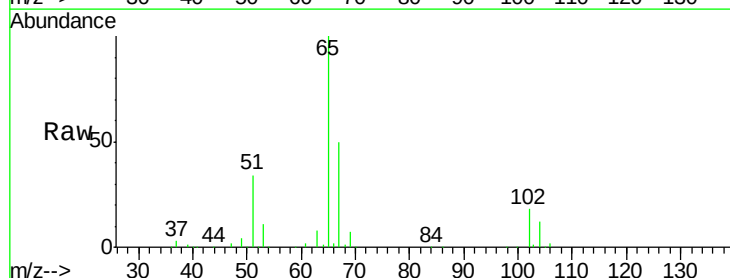
Acq: 28 Jun 2018 02:09

Tgt Ion: 65 Resp: 172930

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.31

80000

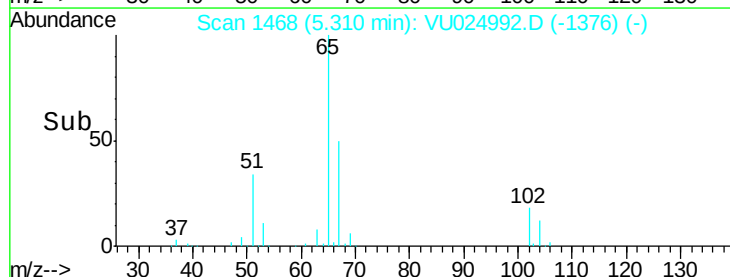
60000

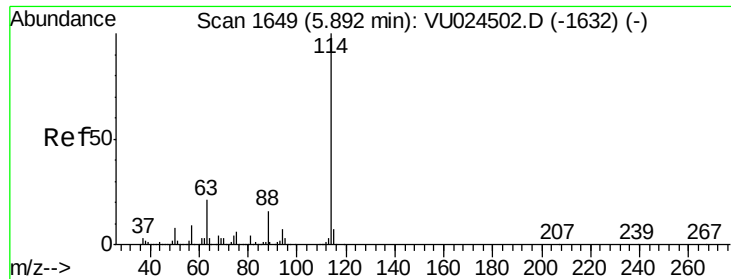
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024992.D

Acq: 28 Jun 2018 02:09

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-23-25-180621ME

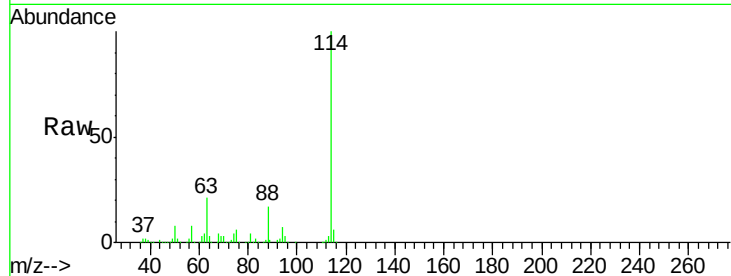
Tot Ion:114 Resp: 344485

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

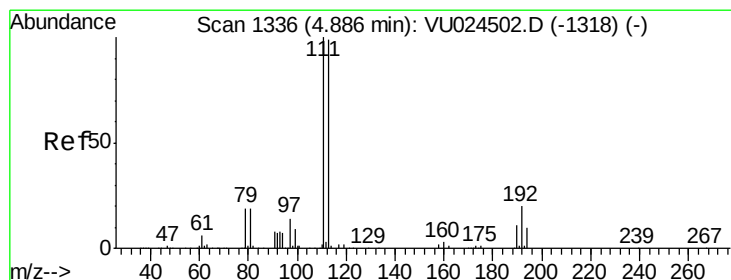
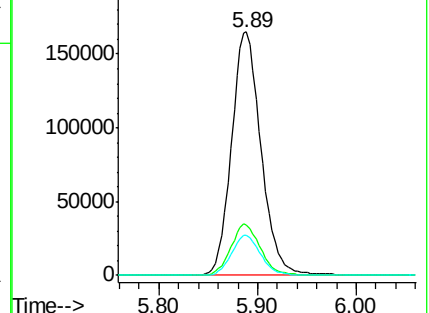
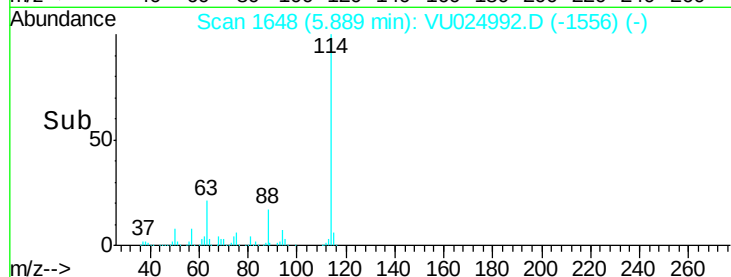
88 16.6 0.0 31.0



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: 46.38 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024992.D

Acq: 28 Jun 2018 02:09

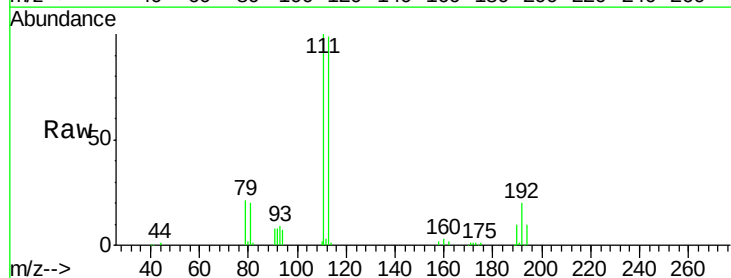
Tgt Ion:113 Resp: 132591

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

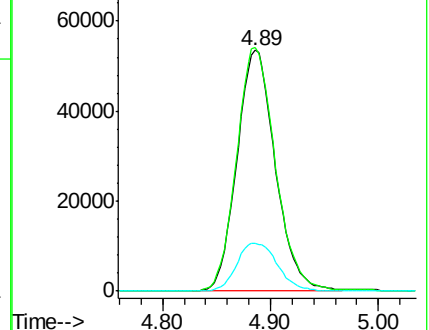
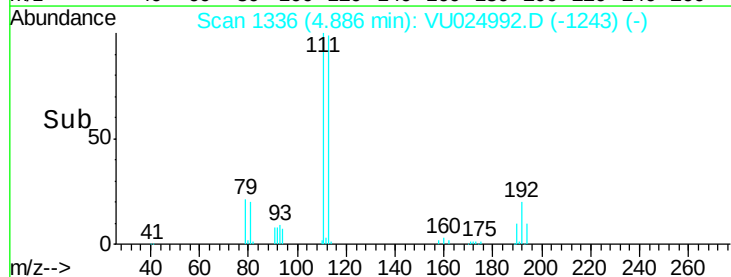
192 21.1 16.2 24.4

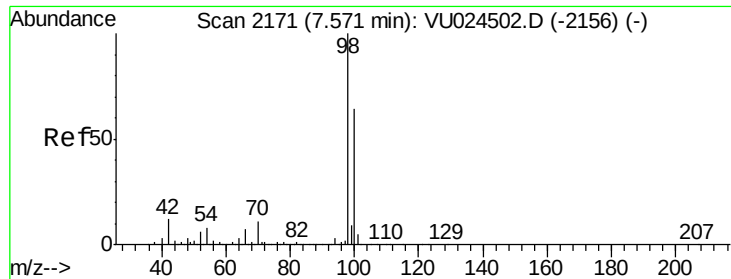


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.50 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024992.D

Acq: 28 Jun 2018 02:09

Instrument :

MSVOA_U

ClientSampleId :

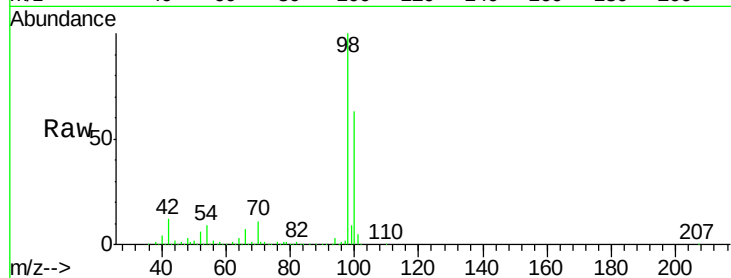
WP021SB477-23-25-180621ME

Tot Ion: 98 Resp: 505736

Ion Ratio Lower Upper

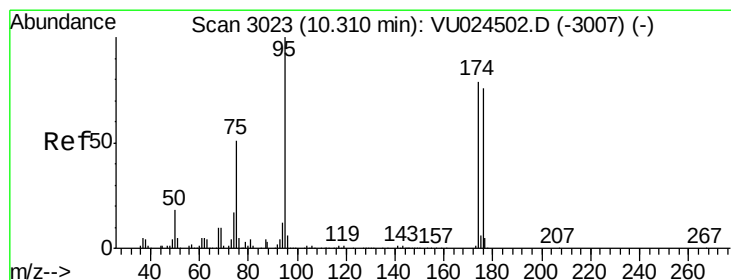
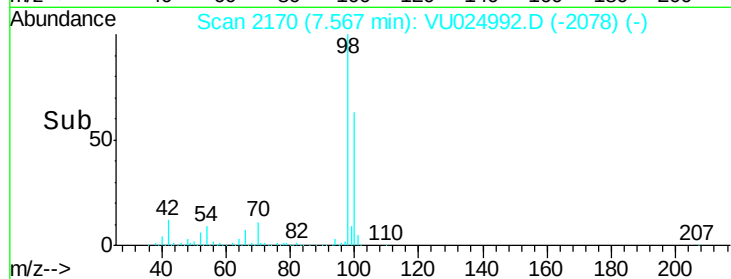
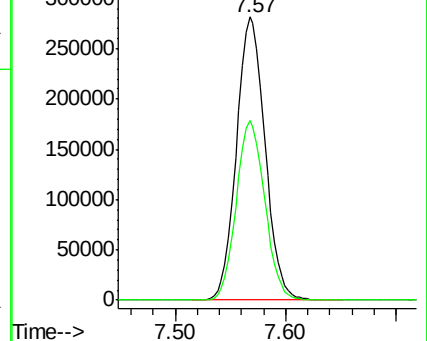
98 100

100 63.4 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: 50.67 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024992.D

Acq: 28 Jun 2018 02:09

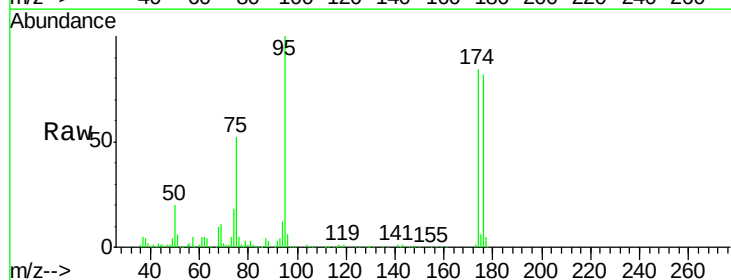
Tgt Ion: 95 Resp: 209777

Ion Ratio Lower Upper

95 100

174 83.1 0.0 165.8

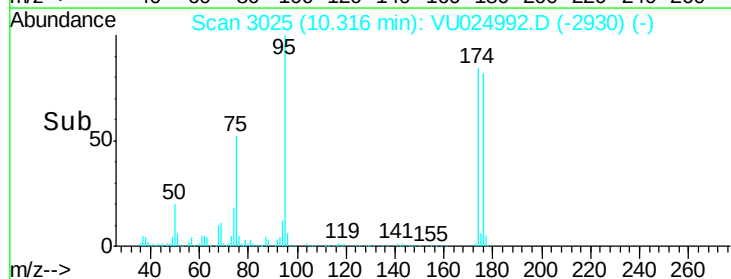
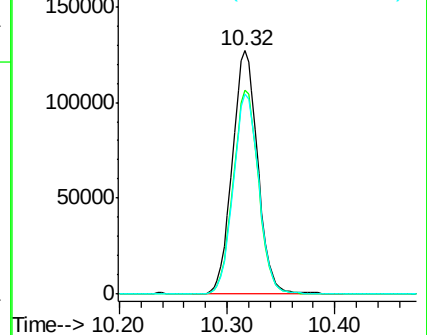
176 82.0 0.0 159.4

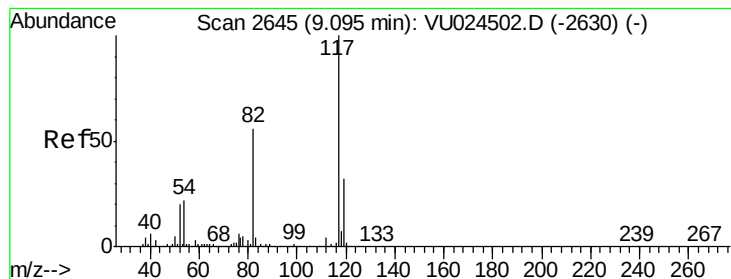


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.10 min Scan# 2646

Delta R.T. 0.00 min

Lab File: VU024992.D

Acq: 28 Jun 2018 02:09

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-23-25-180621ME

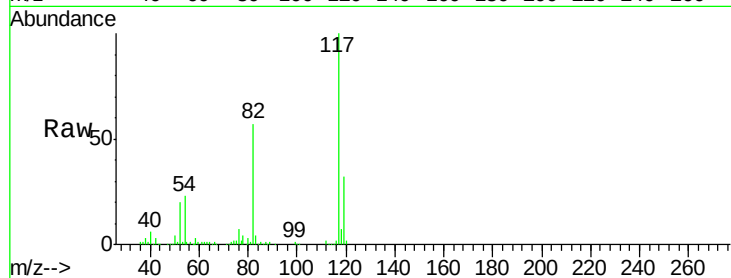
Tot Ion:117 Resp: 334637

Ion Ratio Lower Upper

117 100

82 57.3 44.3 66.5

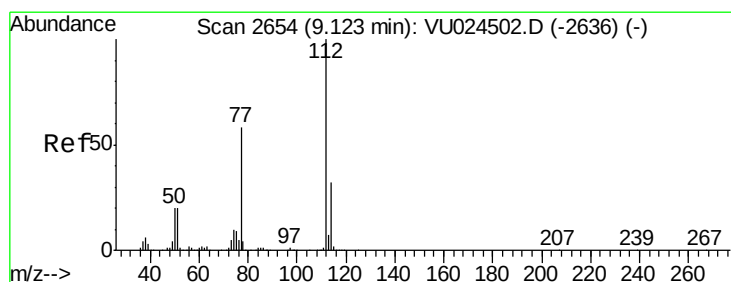
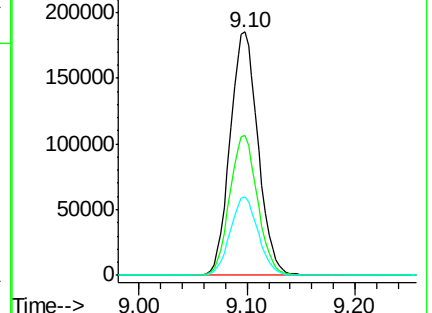
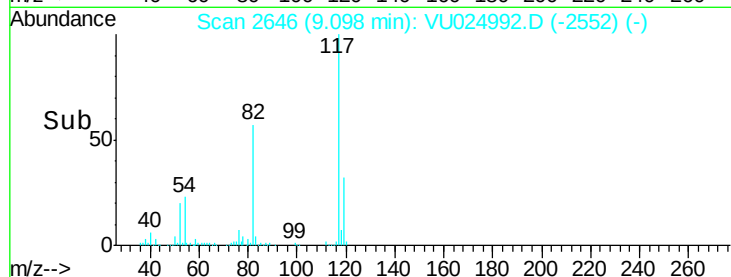
119 32.2 25.4 38.2



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: 11.73 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU024992.D

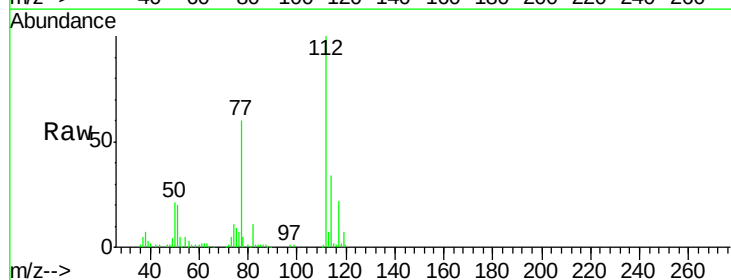
Acq: 28 Jun 2018 02:09

Tgt Ion:112 Resp: 100261

Ion Ratio Lower Upper

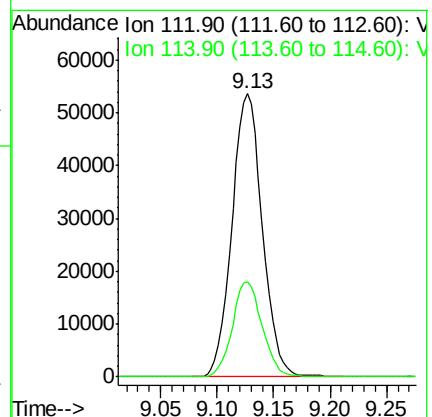
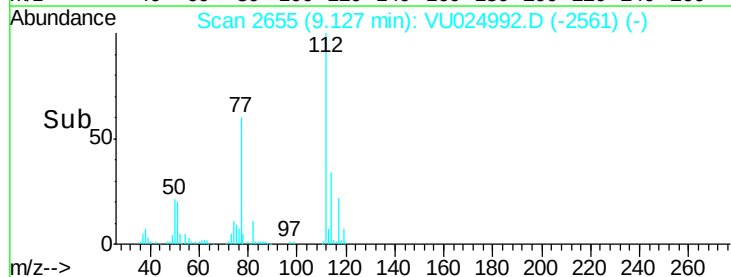
112 100

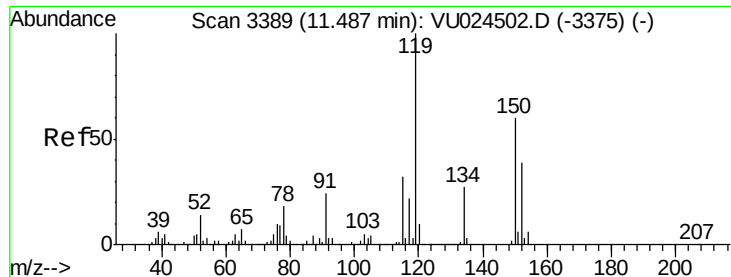
114 33.5 25.6 38.4



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# 3390

Delta R.T. 0.00 min

Lab File: VU024992.D

Acq: 28 Jun 2018 02:09

Instrument :

MSVOA_U

ClientSampleId :

WP021SB477-23-25-180621ME

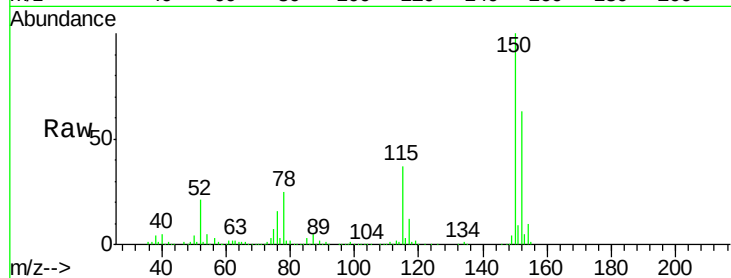
Tot Ion:152 Resp: 197332

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

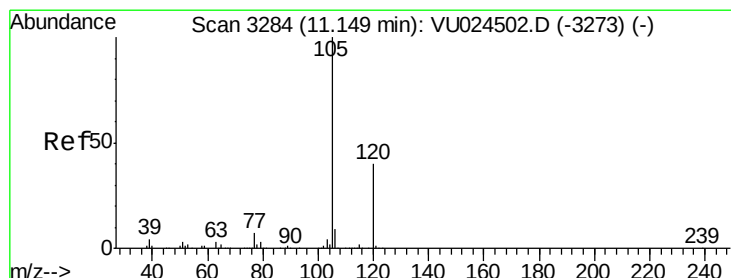
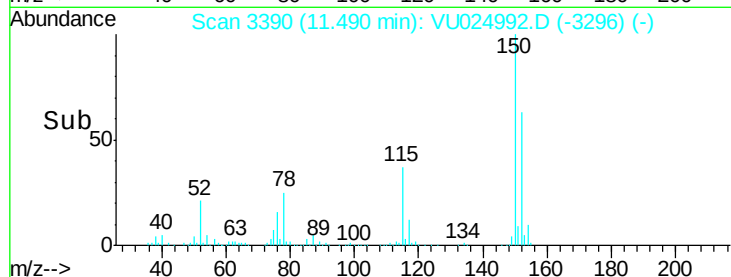
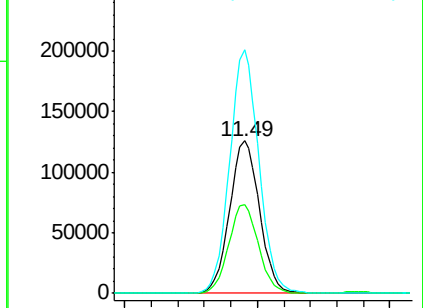
150 156.2 0.0 354.0



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



#84

1,2,4-Trimethylbenzene

Concen: 5.64 ug/l

RT: 11.16 min Scan# 3286

Delta R.T. 0.01 min

Lab File: VU024992.D

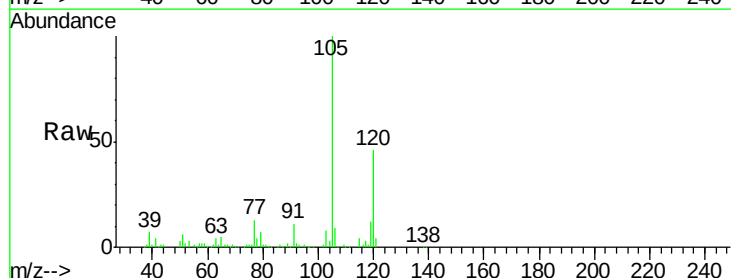
Acq: 28 Jun 2018 02:09

Tgt Ion:105 Resp: 75445

Ion Ratio Lower Upper

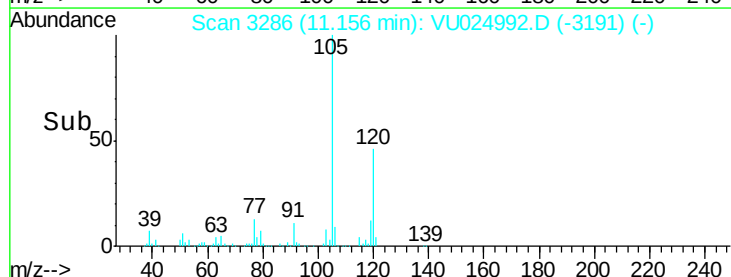
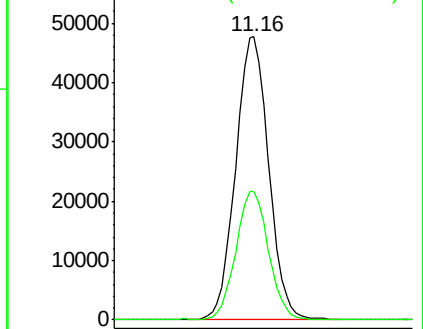
105 100

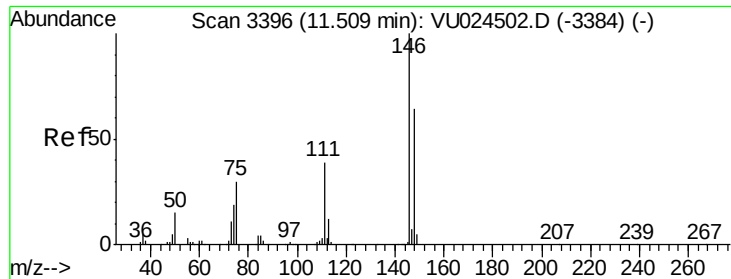
120 45.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#88

1,4-Dichlorobenzene

Concen: 2.64 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

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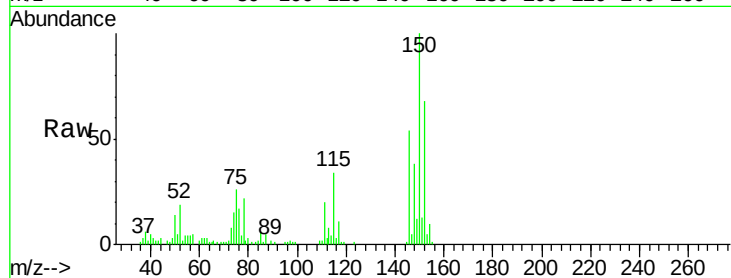
Tot Ion:146 Resp: 18824

Ion Ratio Lower Upper

146 100

111 50.6 19.5 58.5

148 67.4 32.4 97.0



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

