

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025051.D
 Acq On : 29 Jun 2018 04:24
 Operator : MD/SY
 Sample : J3671-16ME
 Misc : 6.38g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-13-15-180621ME

Quant Time: Jun 29 08:36:36 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

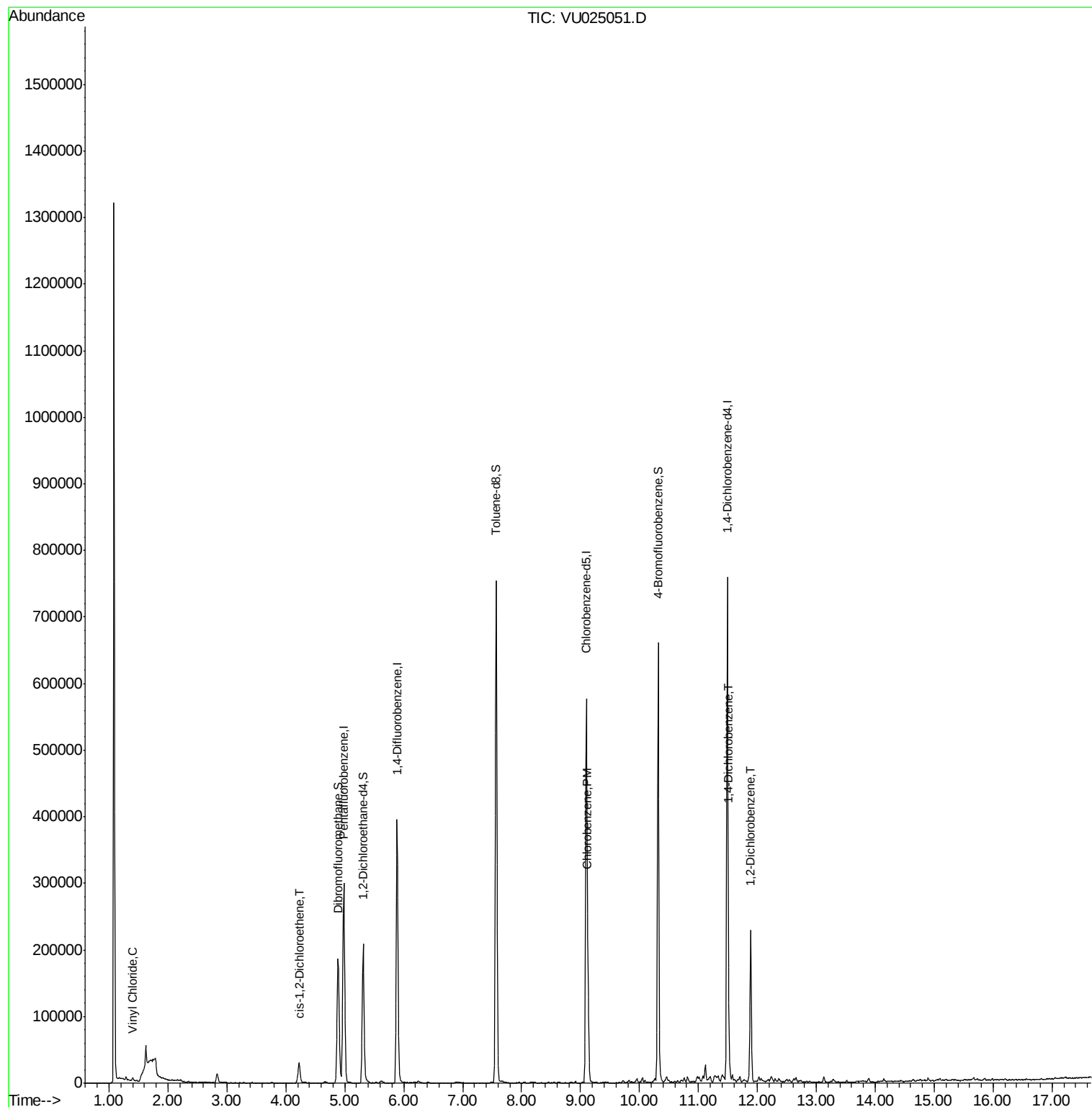
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	239954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	359673	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	344806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	194595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	179203	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
35) Dibromofluoromethane	4.89	113	137917	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
50) Toluene-d8	7.57	98	526040	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	10.32	95	214886	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2367	0.75	ug/l	Qvalue 100
27) cis-1,2-Dichloroethene	4.22	96	17803	5.15	ug/l	91
65) Chlorobenzene	9.13	112	82066	9.32	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	15610	2.22	ug/l	87
91) 1,2-Dichlorobenzene	11.89	146	91219	13.03	ug/l	99

(#) = 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: VU025051.D

Acq: 29 Jun 2018 04:24

Instrument :

MSVOA_U

ClientSampleId :

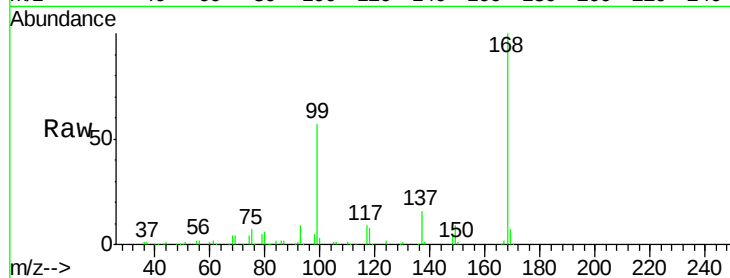
WP021SB481-13-15-180621ME

Tot Ion:168 Resp: 239954

Ion Ratio Lower Upper

168 100

99 57.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

120000

100000

80000

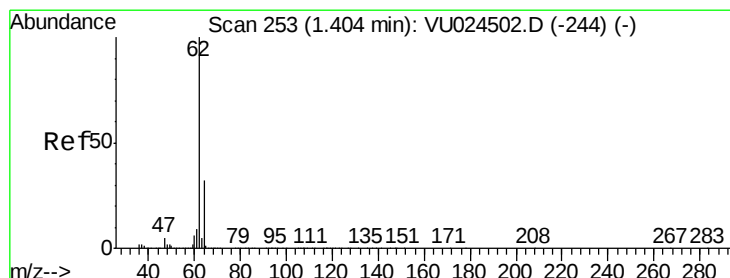
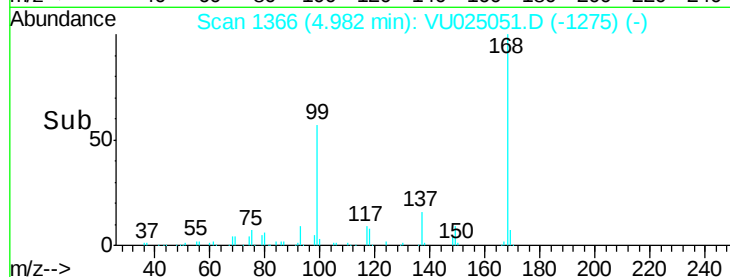
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.75 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025051.D

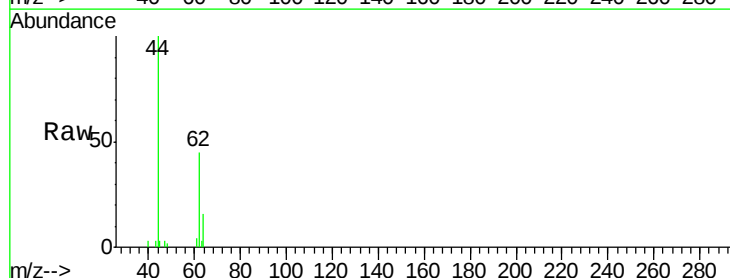
Acq: 29 Jun 2018 04:24

Tgt Ion: 62 Resp: 2367

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

2000

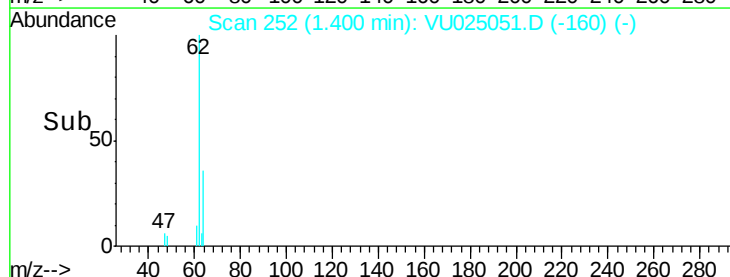
1500

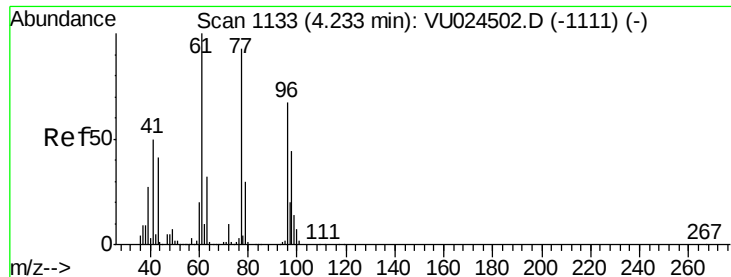
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 5.15 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025051.D

Acq: 29 Jun 2018 04:24

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-13-15-180621ME

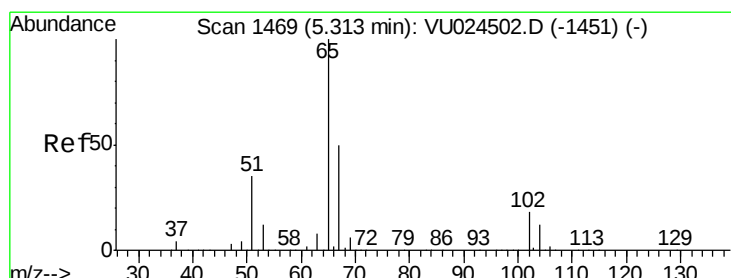
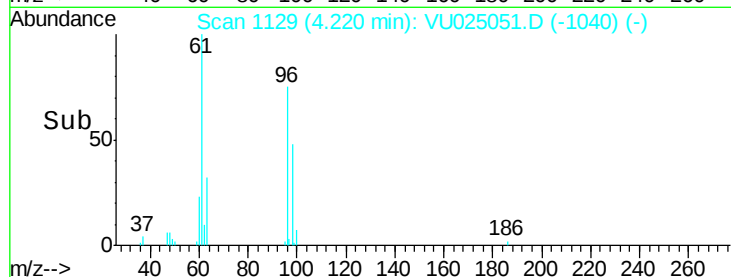
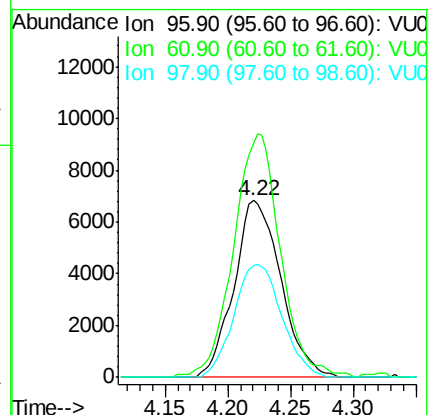
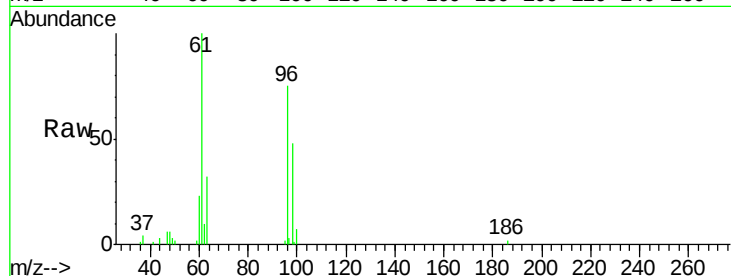
Tot Ion: 96 Resp: 17803

Ion Ratio Lower Upper

96 100

61 137.3 0.0 306.6

98 64.9 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 45.75 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025051.D

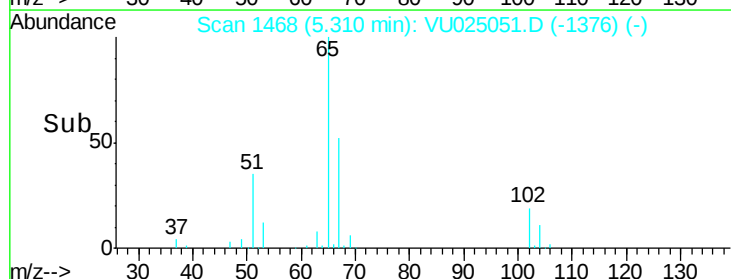
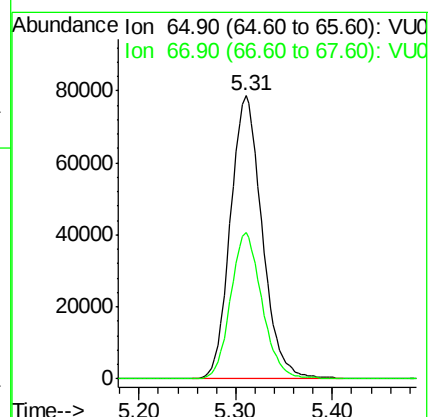
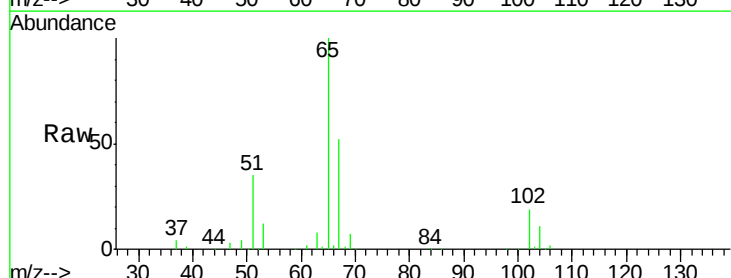
Acq: 29 Jun 2018 04:24

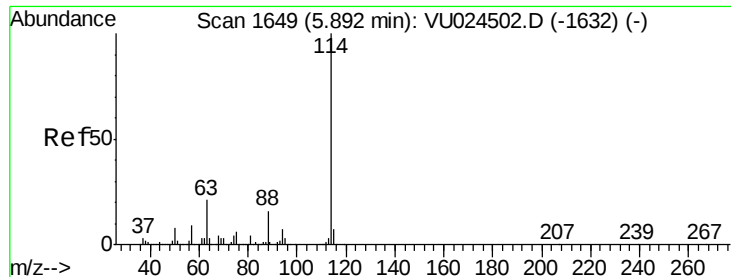
Tgt Ion: 65 Resp: 179203

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025051.D

Acq: 29 Jun 2018 04:24

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-13-15-180621ME

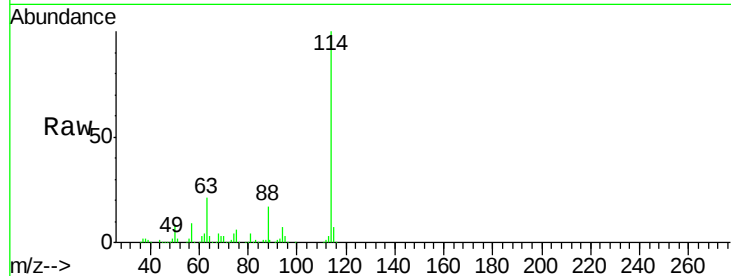
Tot Ion:114 Resp: 359673

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

88 17.4 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

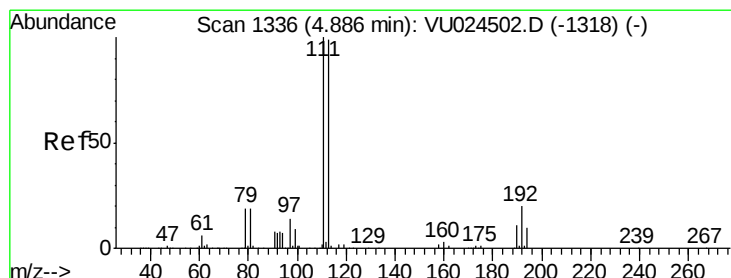
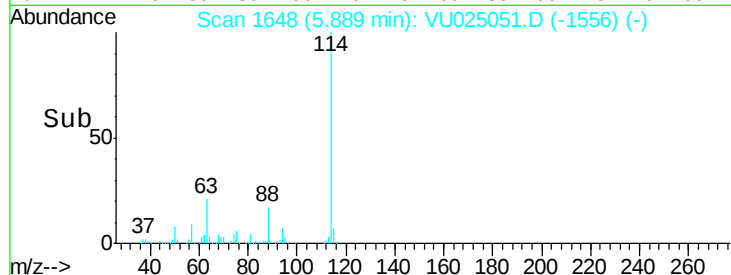
5.80

5.89

5.90

6.00

Time-->



#35

Dibromofluoromethane

Concen: 46.20 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025051.D

Acq: 29 Jun 2018 04:24

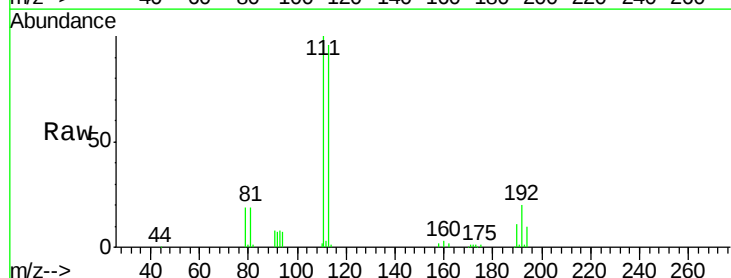
Tgt Ion:113 Resp: 137917

Ion Ratio Lower Upper

113 100

111 102.6 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

80000

60000

40000

20000

0

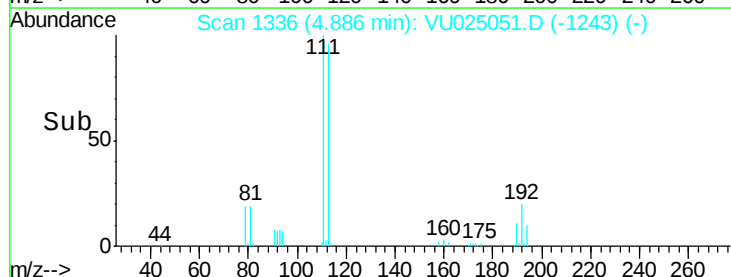
4.80

4.89

4.90

5.00

Time-->





#50

Toluene-d8

Concen: 48.31 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025051.D

Acq: 29 Jun 2018 04:24

Instrument :

MSVOA_U

ClientSampleId :

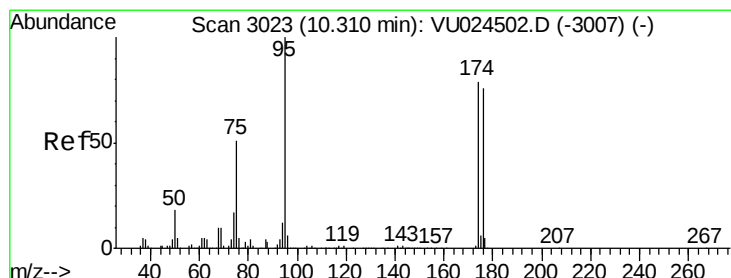
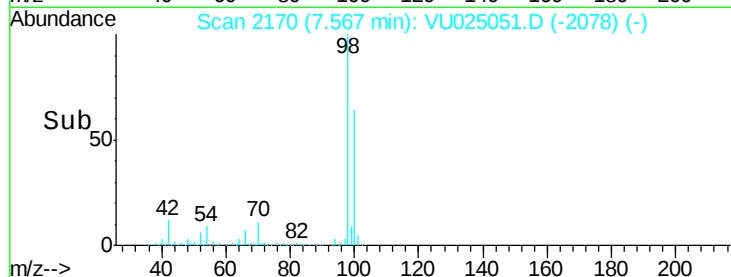
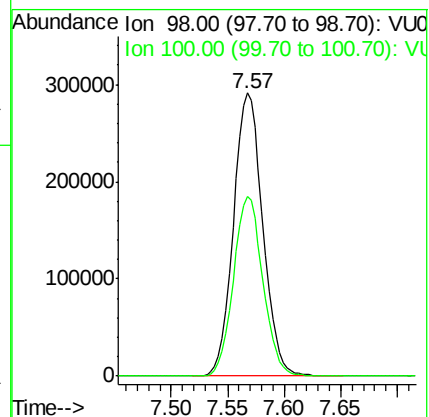
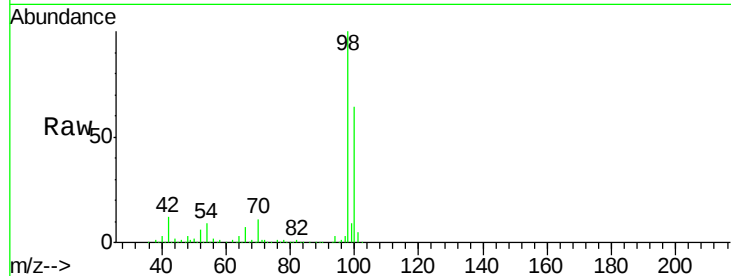
WP021SB481-13-15-180621ME

Tot Ion: 98 Resp: 526040

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.71 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025051.D

Acq: 29 Jun 2018 04:24

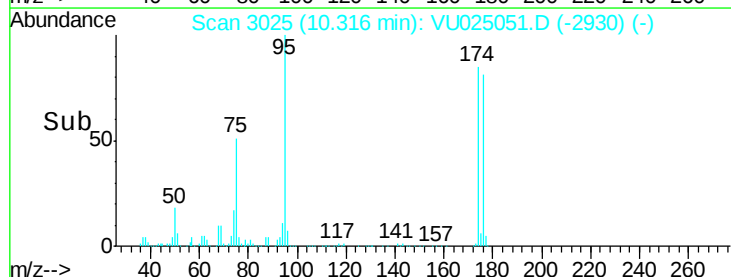
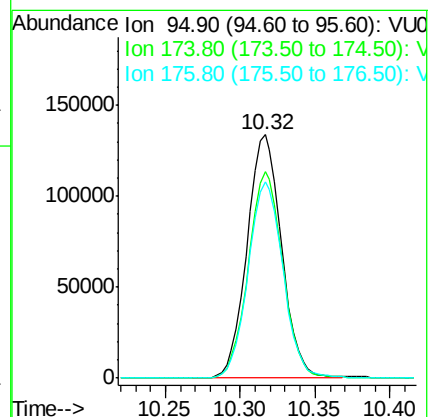
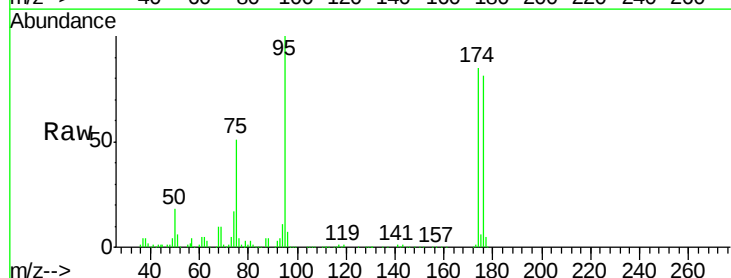
Tgt Ion: 95 Resp: 214886

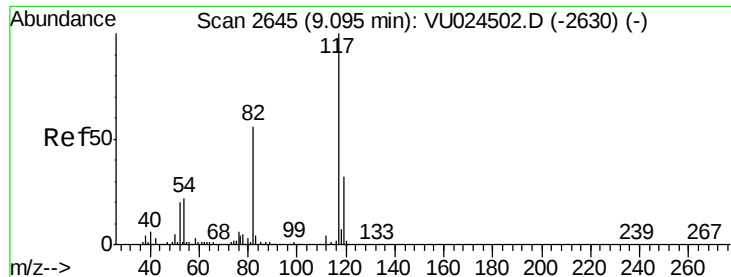
Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

176 81.6 0.0 159.4

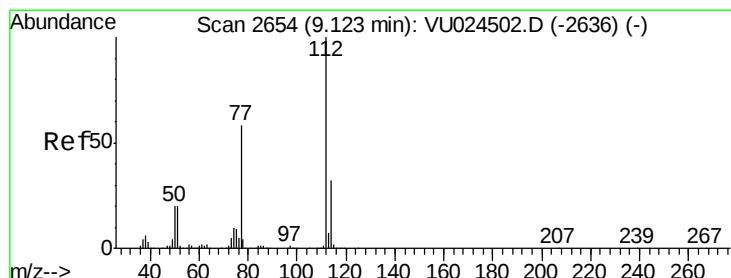
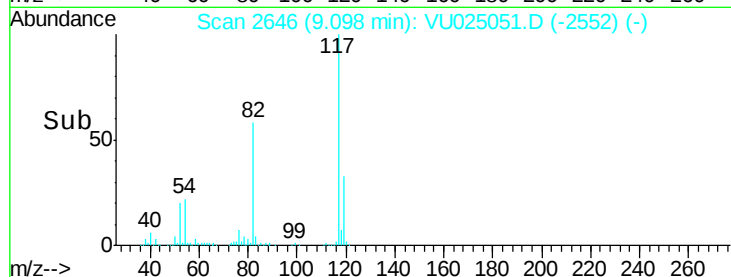
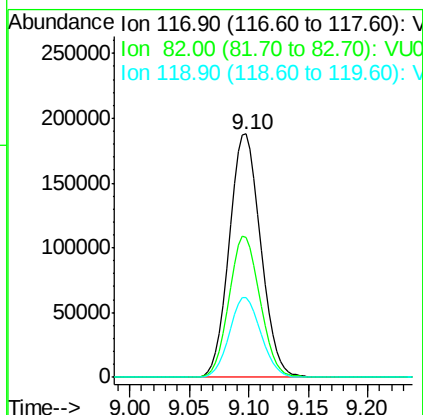
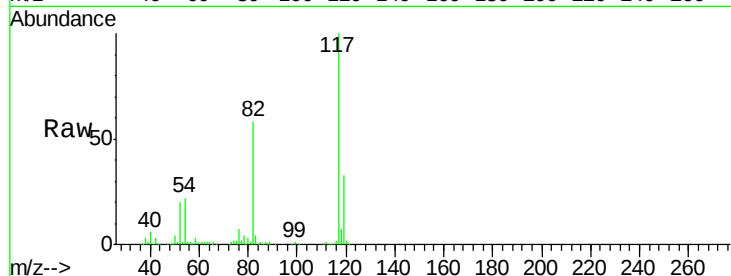




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025051.D
Acq: 29 Jun 2018 04:24

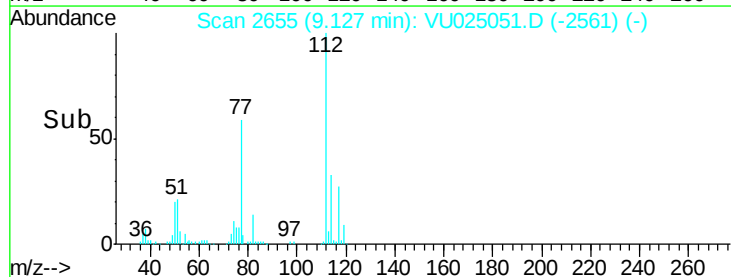
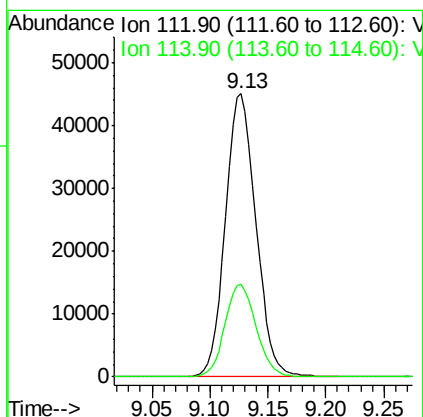
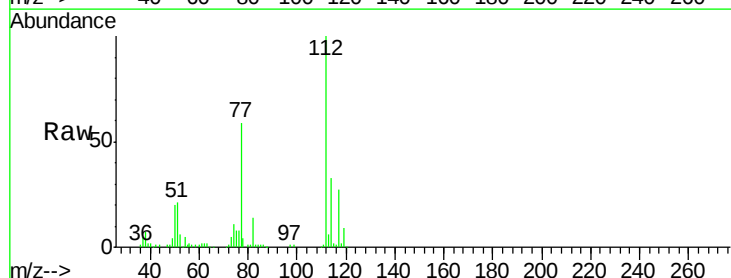
Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-13-15-180621ME

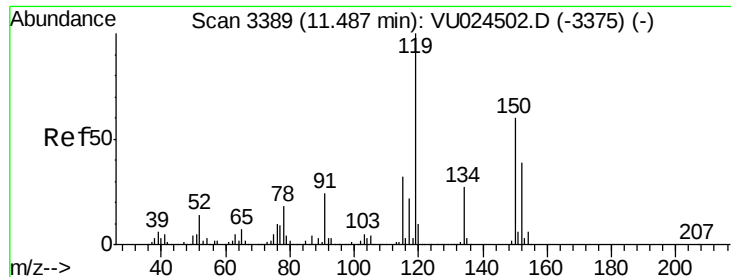
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.3	66.5
119	32.7	25.4	38.2



#65
Chlorobenzene
Concen: 9.32 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025051.D
Acq: 29 Jun 2018 04:24

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025051.D

Acq: 29 Jun 2018 04:24

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-13-15-180621ME

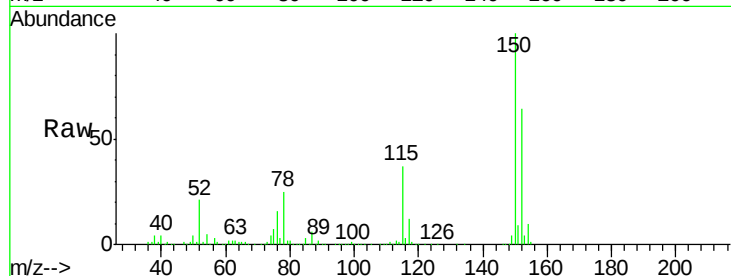
Tot Ion:152 Resp: 194595

Ion Ratio Lower Upper

152 100

115 58.3 43.0 129.0

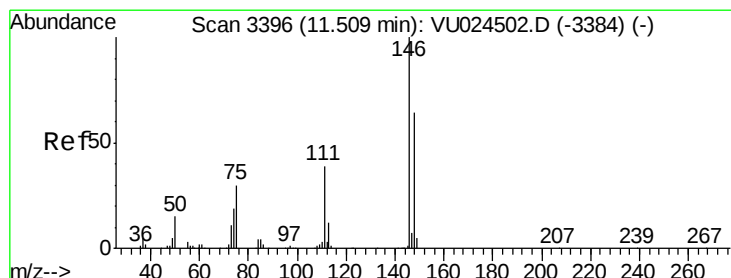
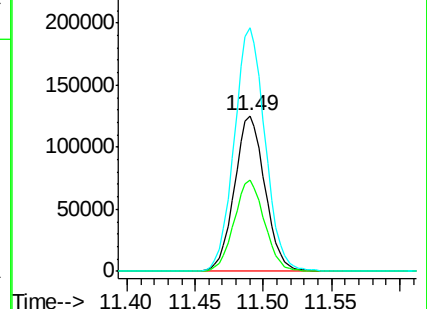
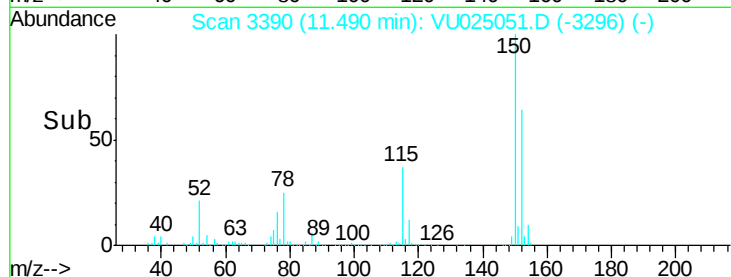
150 157.7 0.0 354.0



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



#88

1,4-Dichlorobenzene

Concen: 2.22 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025051.D

Acq: 29 Jun 2018 04:24

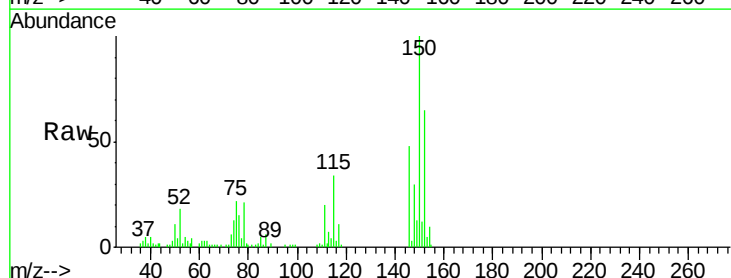
Tgt Ion:146 Resp: 15610

Ion Ratio Lower Upper

146 100

111 56.4 19.5 58.5

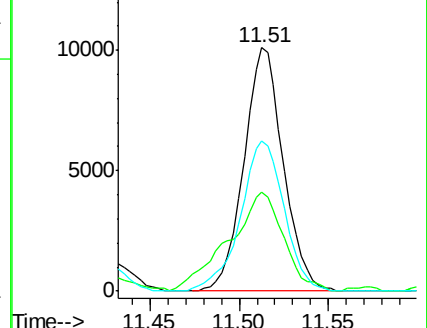
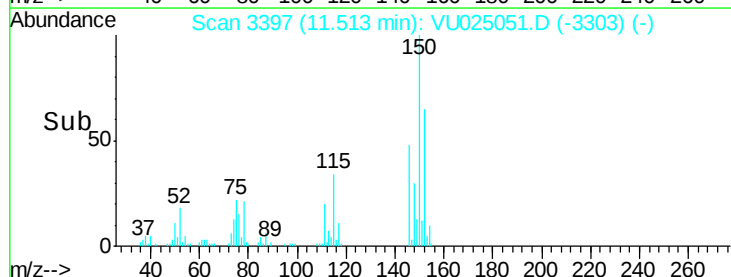
148 68.2 32.4 97.0

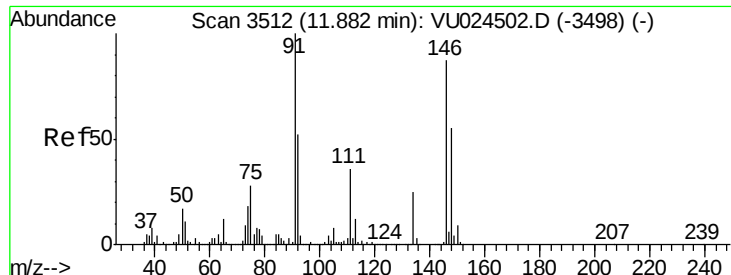


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 13.03 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025051.D

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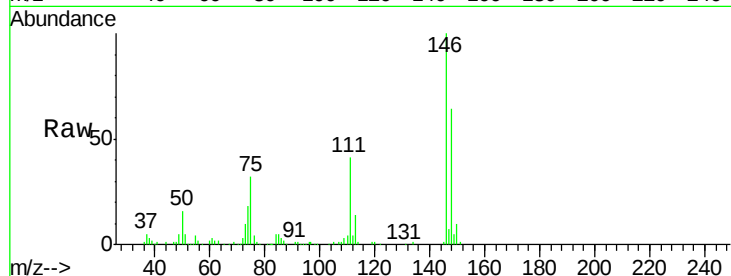
Tot Ion:146 Resp: 91219

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 64.1 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

