

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025091.D
 Acq On : 30 Jun 2018 16:22
 Operator : MD/SY
 Sample : J3759-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW177-180625

Quant Time: Jul 02 09:40:56 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

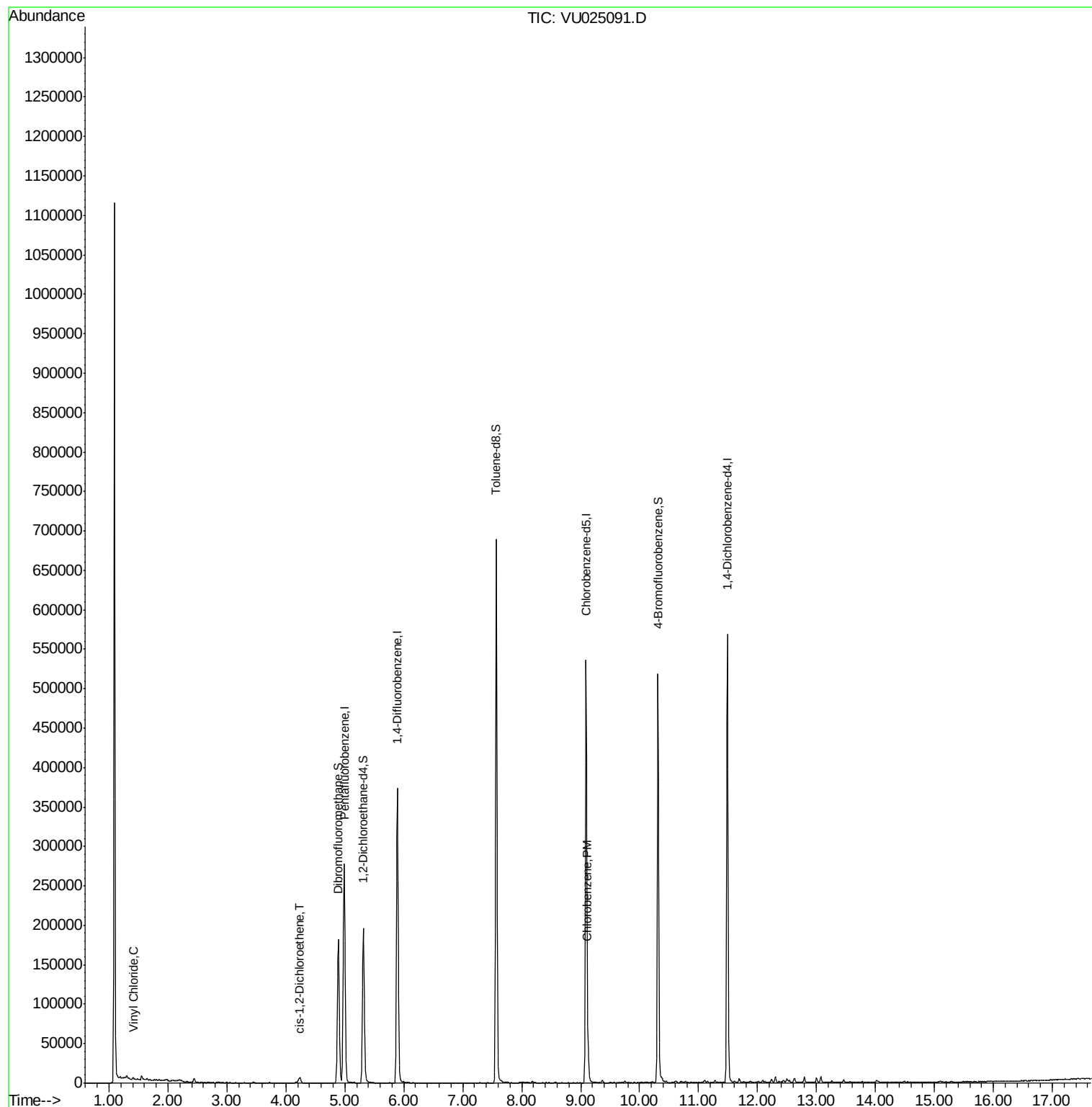
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	210464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	319339	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	160639	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
35) Dibromofluoromethane	4.89	113	123519	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	7.57	98	453989	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	10.31	95	167608	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2068	0.75	ug/l	98
27) cis-1,2-Dichloroethene	4.24	96	4270	1.41	ug/l	88
65) Chlorobenzene	9.12	112	20617	2.76	ug/l	99

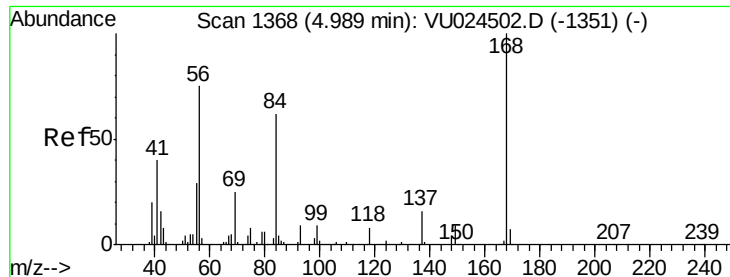
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025091.D

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MSVOA_U

ClientSampleId :

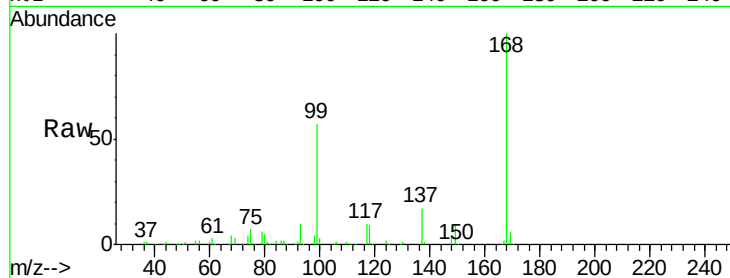
WP021MW177-180625

Tot Ion:168 Resp: 210464

Ion Ratio Lower Upper

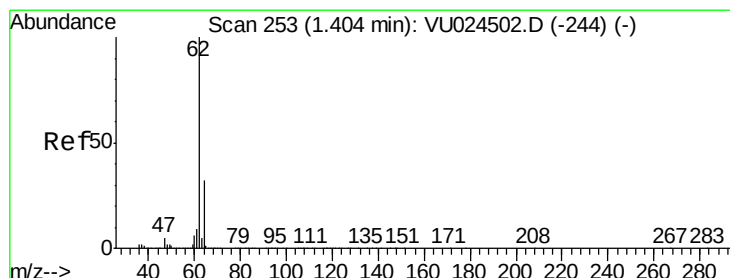
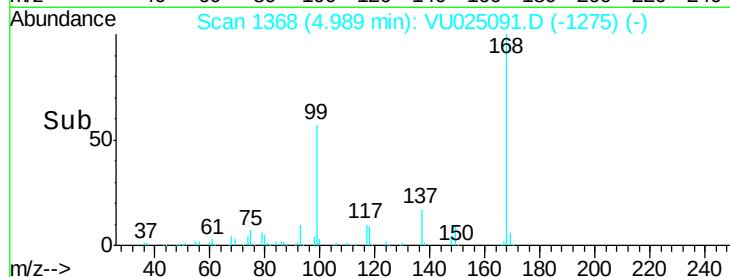
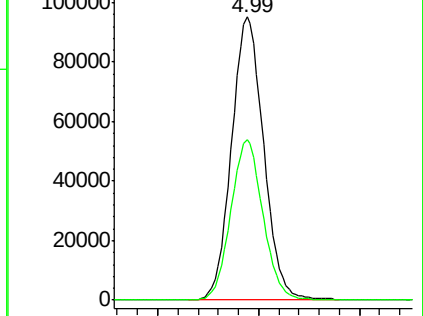
168 100

99 56.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 0.75 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025091.D

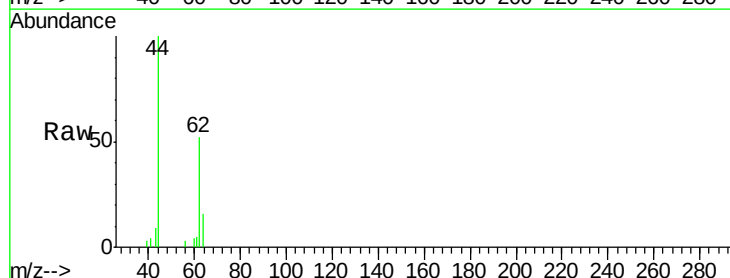
Acq: 30 Jun 2018 16:22

Tgt Ion: 62 Resp: 2068

Ion Ratio Lower Upper

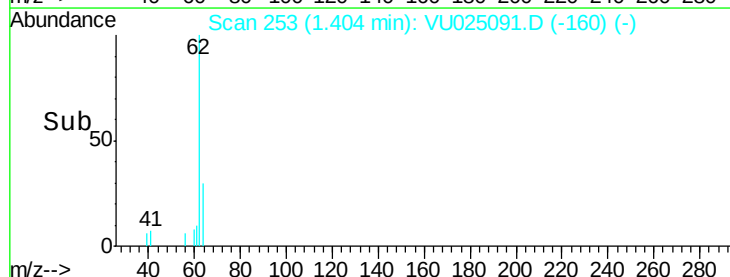
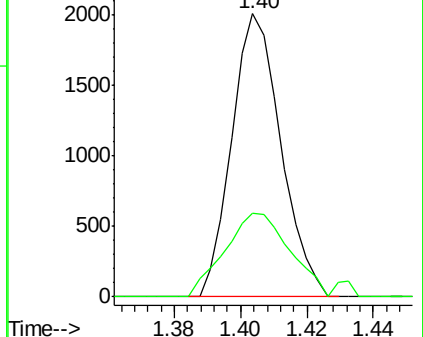
62 100

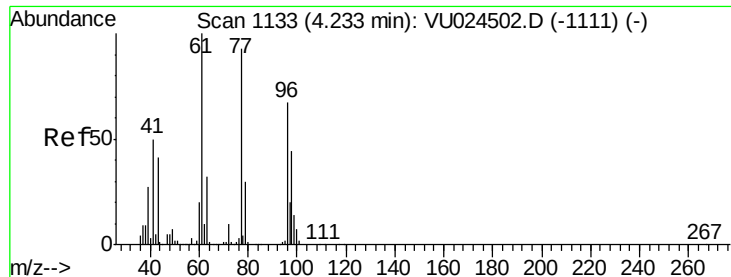
64 29.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 1.41 ug/l

RT: 4.24 min Scan# 1136

Delta R.T. 0.01 min

Lab File: VU025091.D

Acq: 30 Jun 2018 16:22

Instrument :

MSVOA_U

ClientSampleId :

WP021MW177-180625

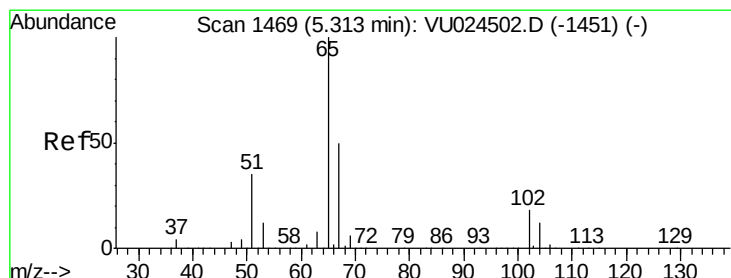
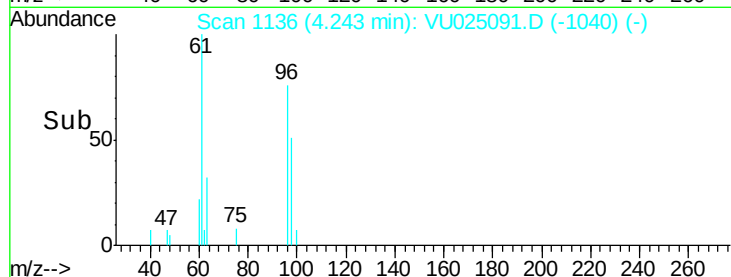
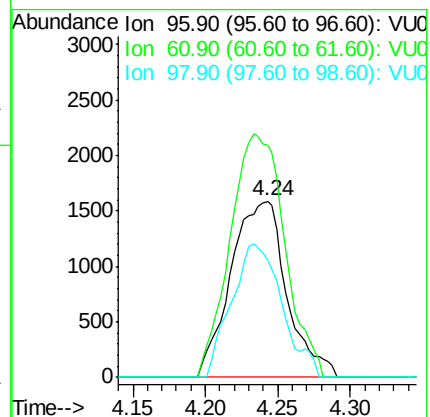
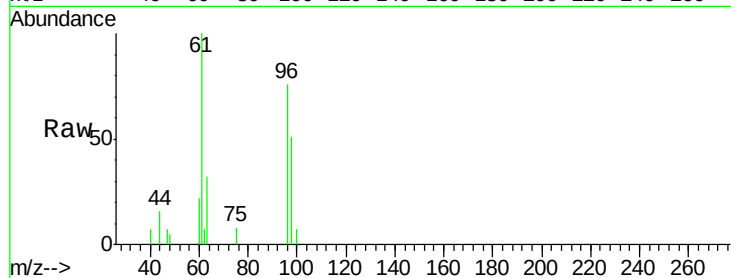
Tot Ion: 96 Resp: 4270

Ion Ratio Lower Upper

96 100

61 134.7 0.0 306.6

98 68.1 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.75 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025091.D

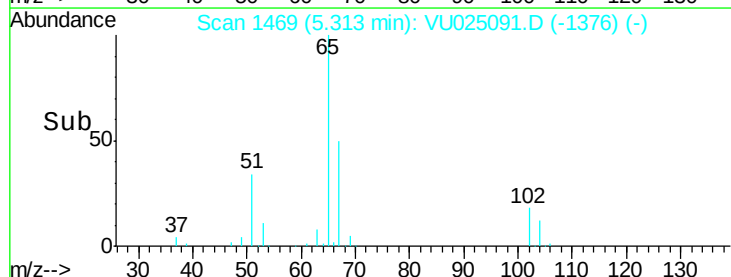
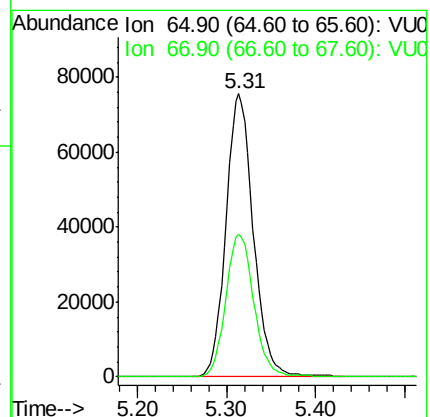
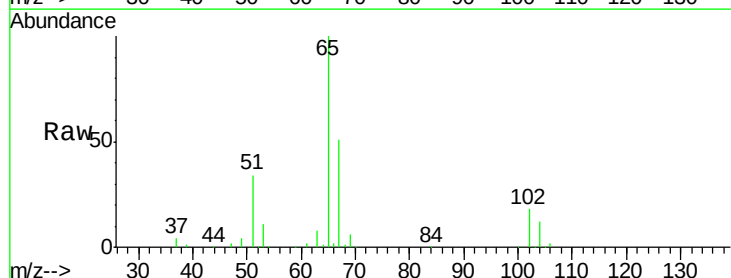
Acq: 30 Jun 2018 16:22

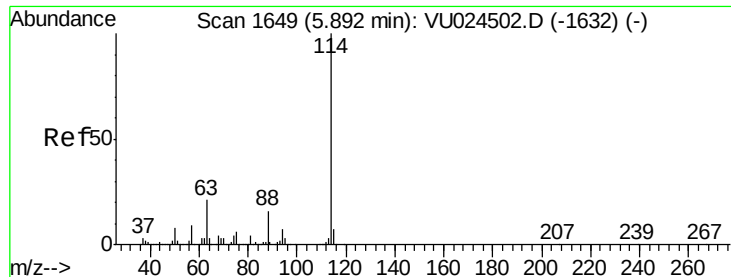
Tgt Ion: 65 Resp: 160639

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.0

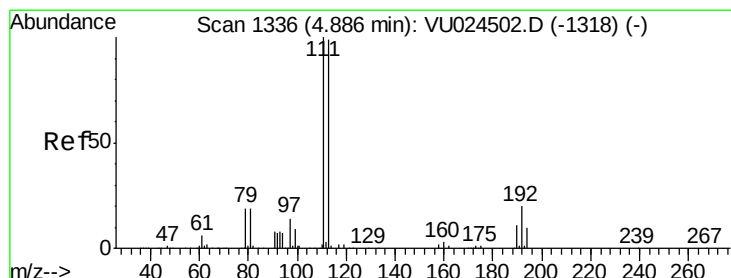
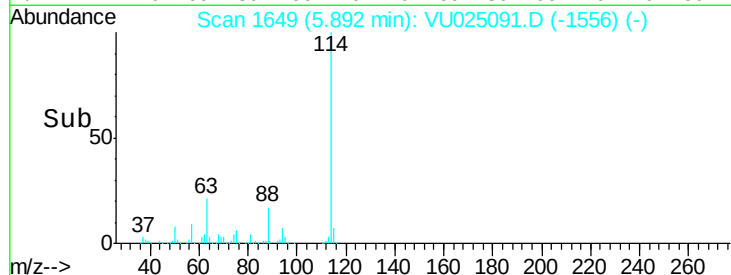
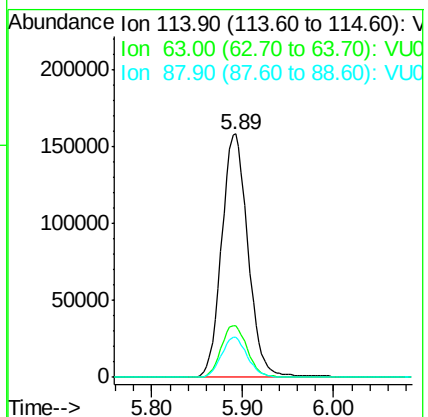
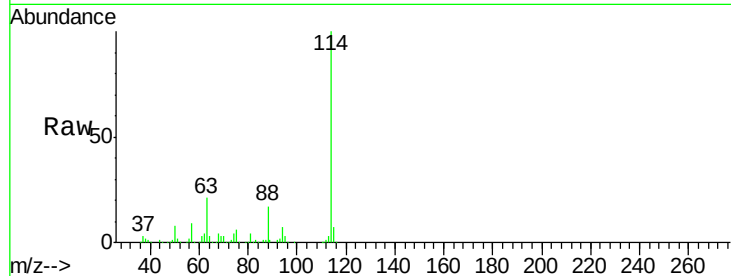




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025091.D
Acq: 30 Jun 2018 16:22

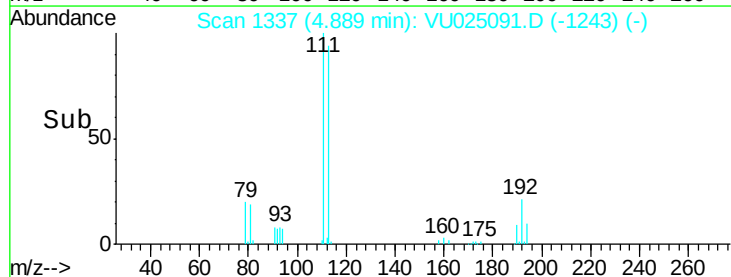
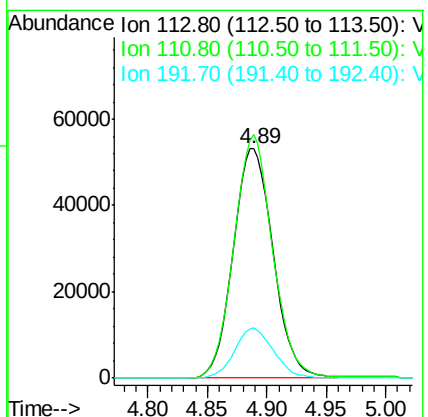
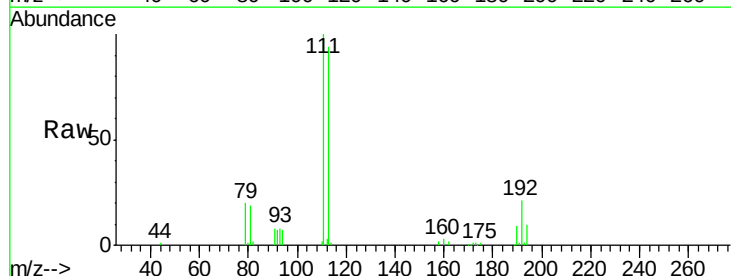
Instrument :
MSVOA_U
ClientSampleId :
WP021MW177-180625

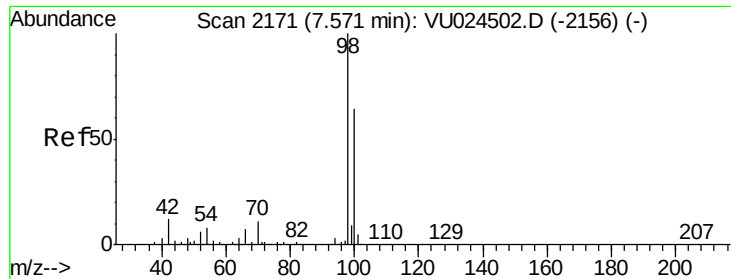
Tot Ion:	114	Resp:	319339
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	45.4
88	16.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 46.61 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025091.D
Acq: 30 Jun 2018 16:22

Tgt Ion:	113	Resp:	123519
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	21.2	16.2	24.4

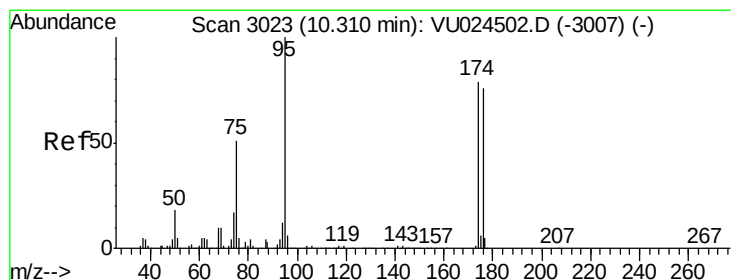
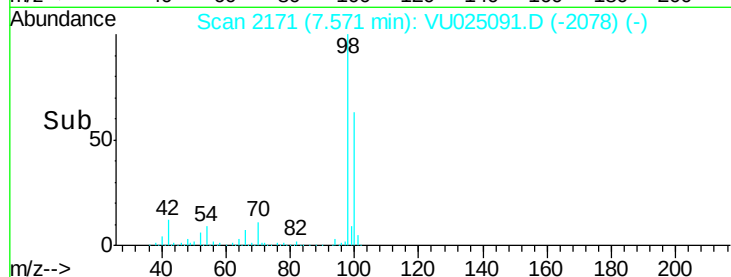
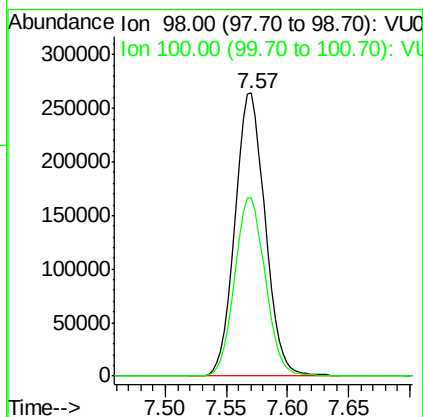
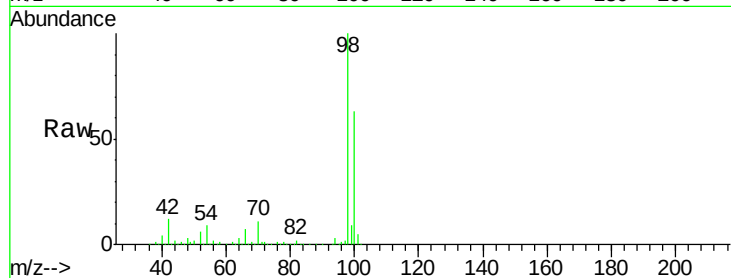




#50
Toluene-d8
Concen: 46.96 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025091.D
Acq: 30 Jun 2018 16:22

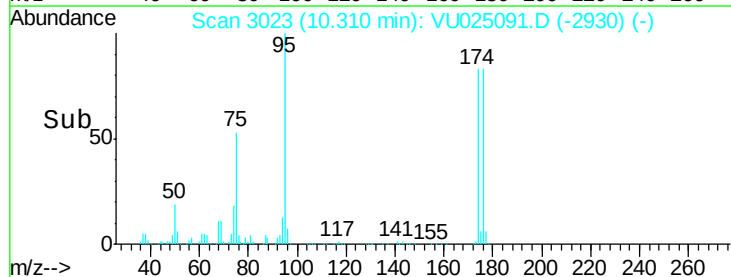
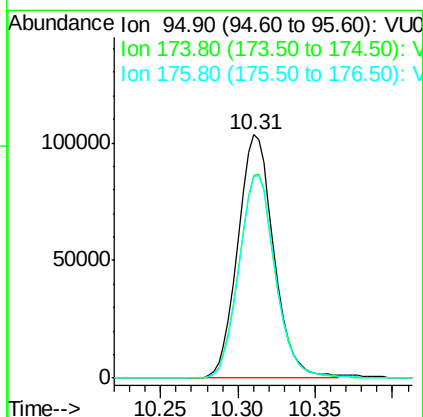
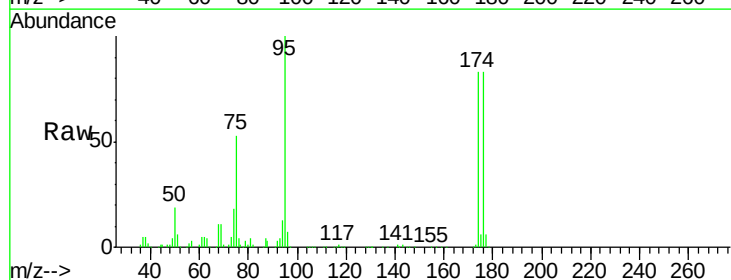
Instrument :
MSVOA_U
ClientSampleId :
WP021MW177-180625

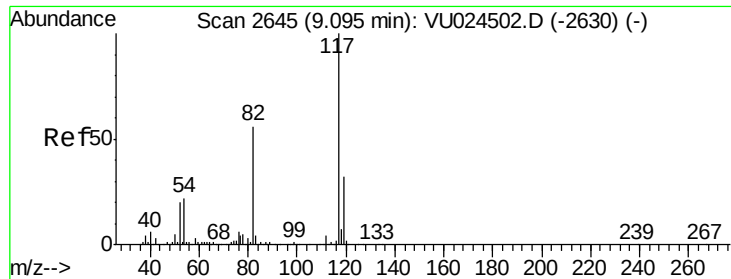
Tot Ion: 98 Resp: 453989
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.67 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025091.D
Acq: 30 Jun 2018 16:22

Tgt Ion: 95 Resp: 167608
Ion Ratio Lower Upper
95 100
174 85.1 0.0 165.8
176 84.2 0.0 159.4

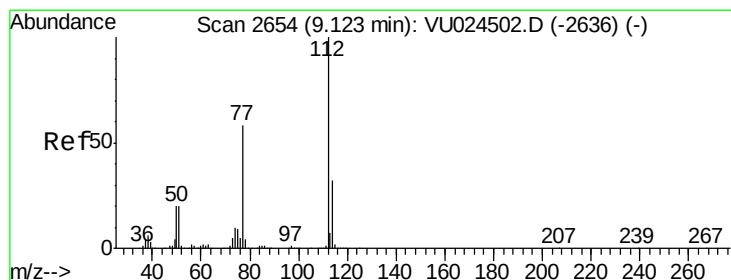
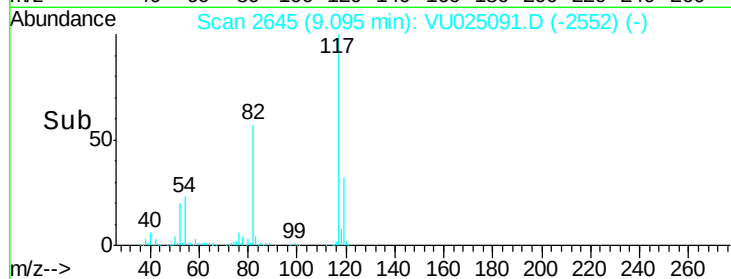
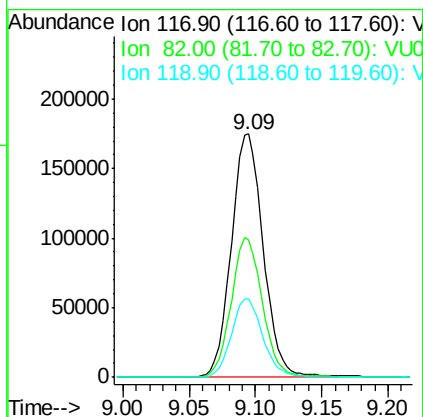
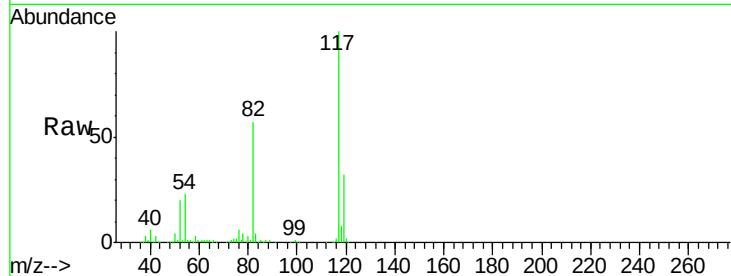




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025091.D
Acq: 30 Jun 2018 16:22

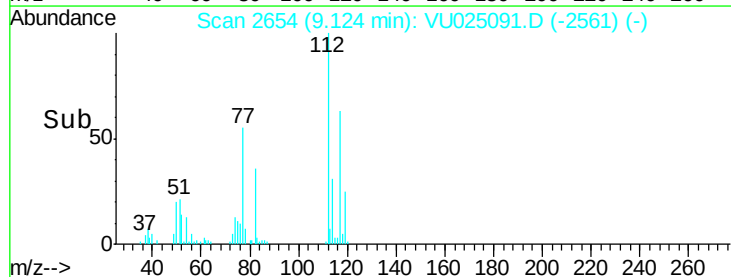
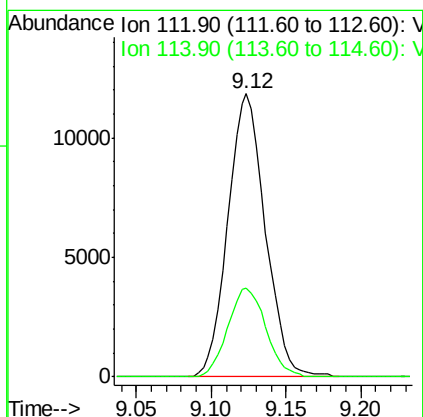
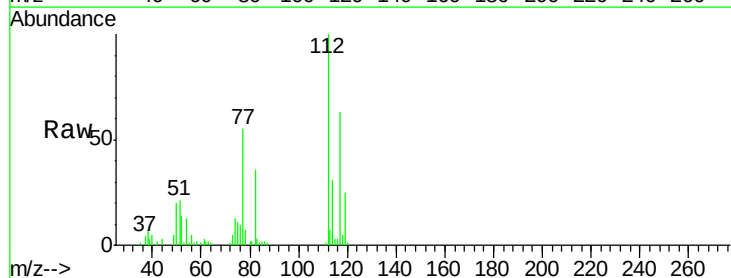
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ClientSampleId :
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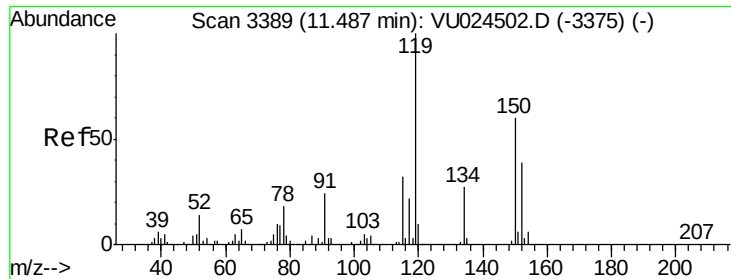
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.3	66.5
119	32.3	25.4	38.2



#65
Chlorobenzene
Concen: 2.76 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025091.D
Acq: 30 Jun 2018 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025091.D

Acq: 30 Jun 2018 16:22

Instrument :

MSVOA_U

ClientSampleId :

WP021MW177-180625

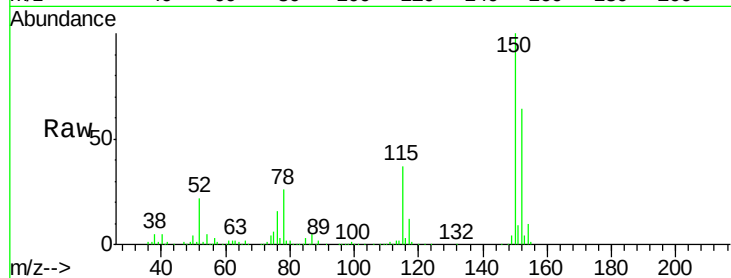
Tot Ion:152 Resp: 150521

Ion Ratio Lower Upper

152 100

115 58.5 43.0 129.0

150 156.8 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

