

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025255.D
 Acq On : 06 Jul 2018 21:19
 Operator : MD/SY
 Sample : J3808-17DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW454-180628DL

Quant Time: Jul 07 00:34:59 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

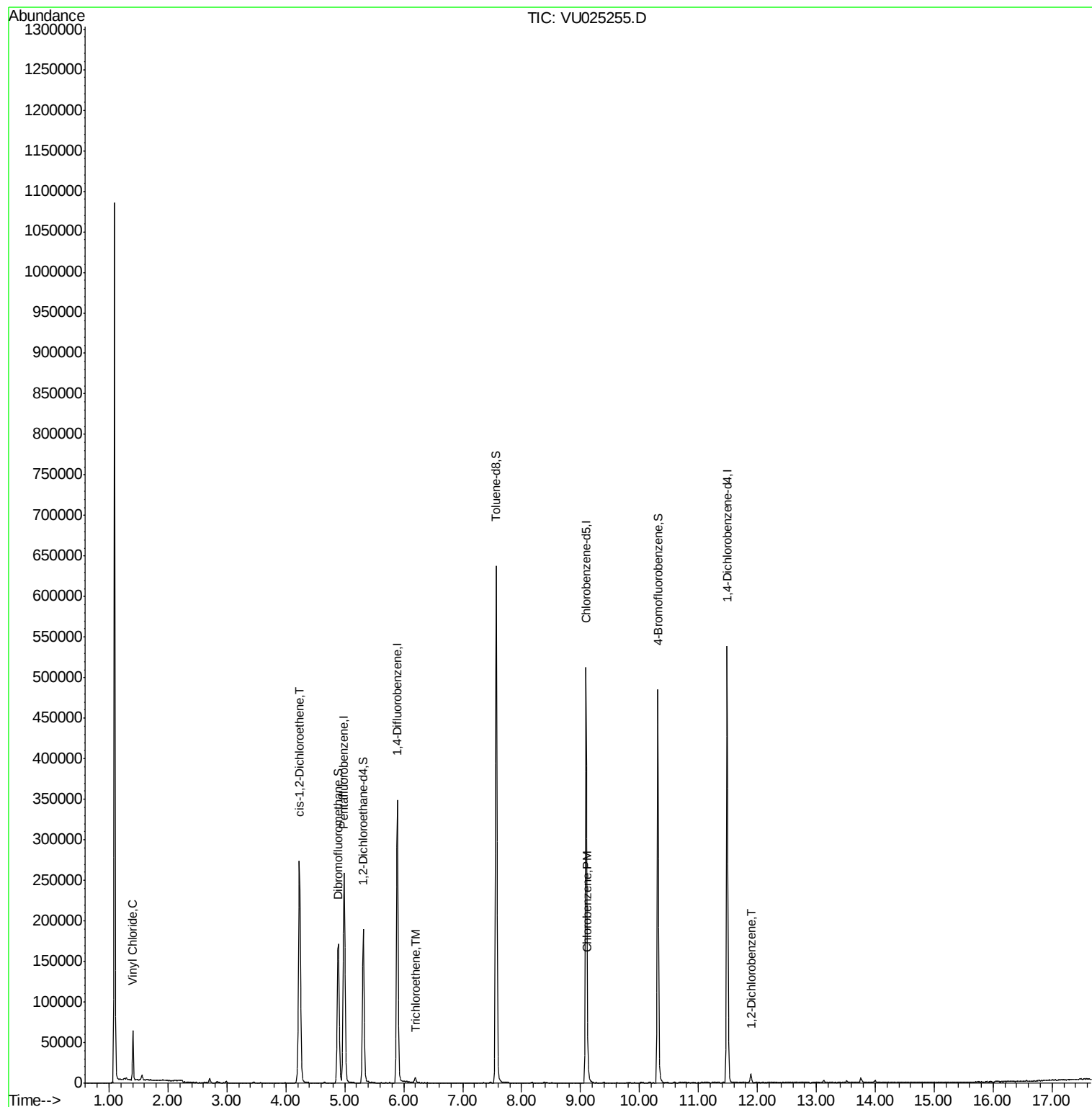
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	298695	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153905	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	4.89	113	118036	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	7.57	98	425968	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	10.31	95	157089	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	37889	14.365	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	152390	52.848	ug/l	89
44) Trichloroethene	6.19	130	2766	0.972	ug/l	77
65) Chlorobenzene	9.12	112	12292	1.720	ug/l	91
91) 1,2-Dichlorobenzene	11.89	146	4711	0.927	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025255.D

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MSVOA_U

ClientSampleId :

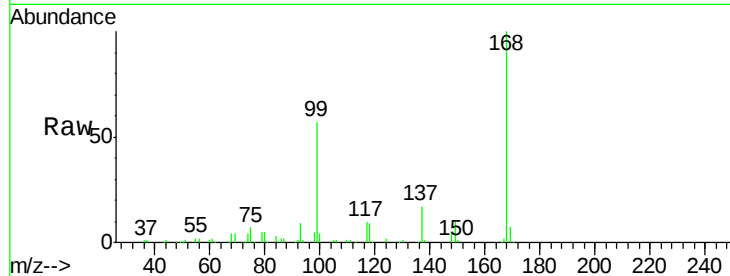
WP021IW454-180628DL

Tot Ion:168 Resp: 199997

Ion Ratio Lower Upper

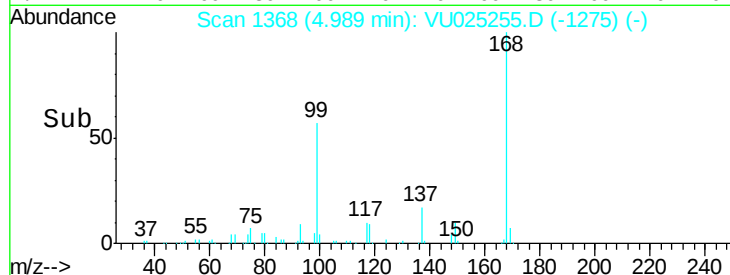
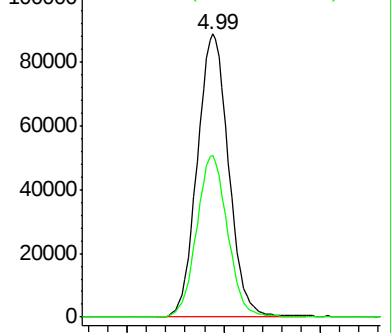
168 100

99 57.1 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: 14.365 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025255.D

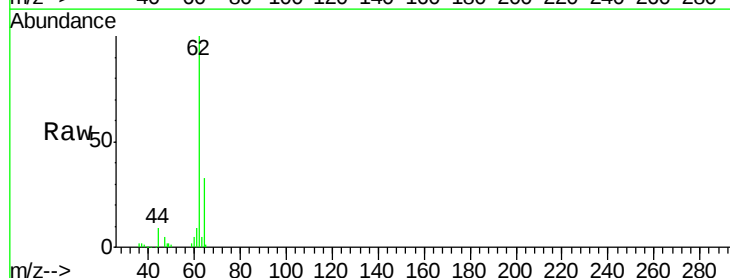
Acq: 06 Jul 2018 21:19

Tgt Ion: 62 Resp: 37889

Ion Ratio Lower Upper

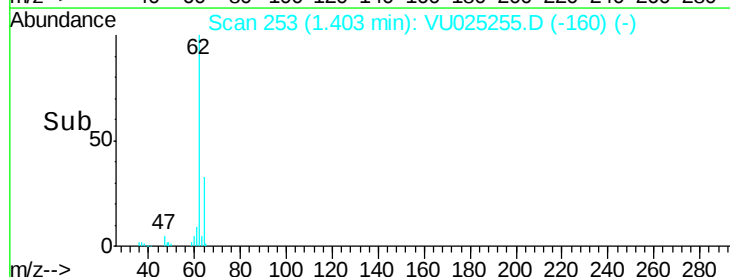
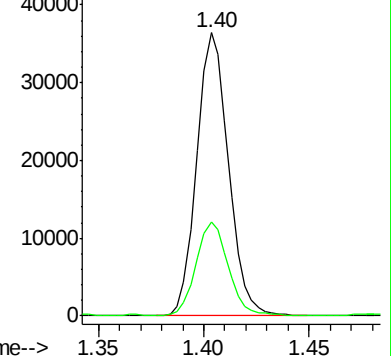
62 100

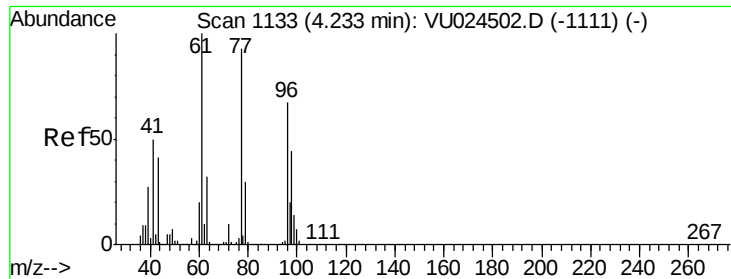
64 33.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

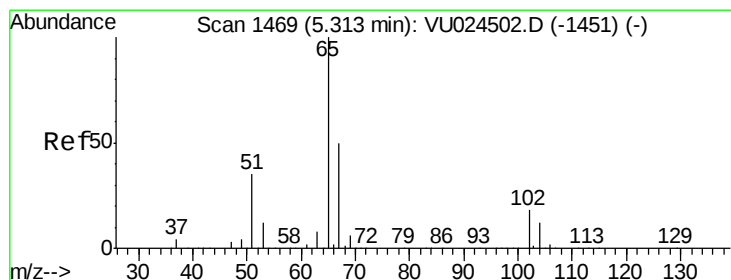
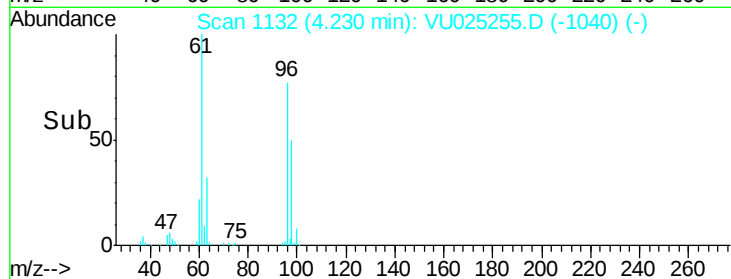
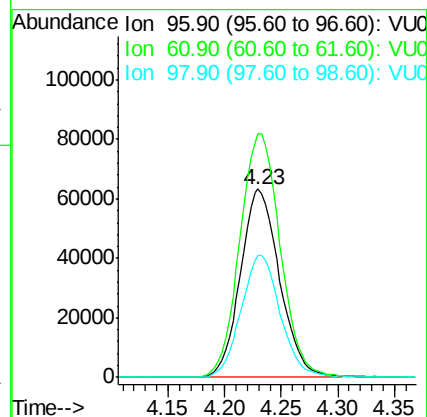
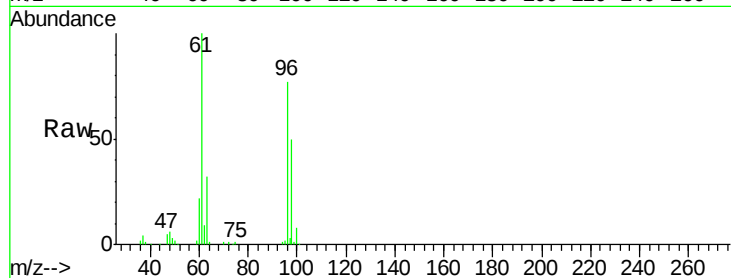




#27
 cis-1,2-Dichloroethene
 Concen: 52.848 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025255.D
 Acq: 06 Jul 2018 21:19

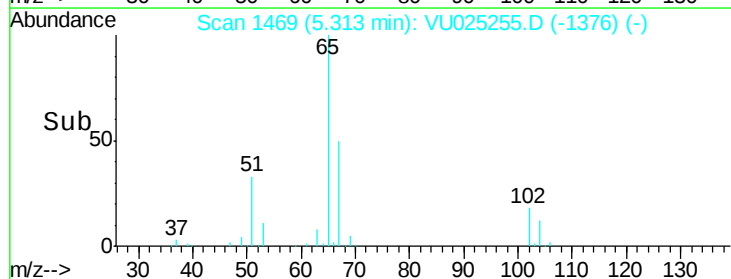
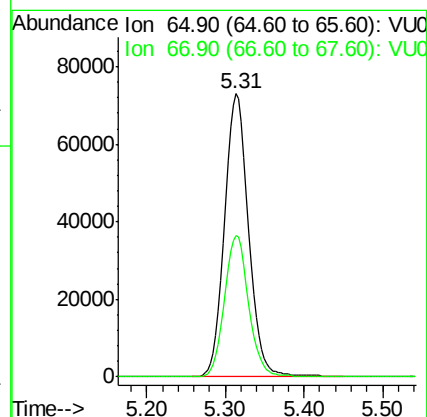
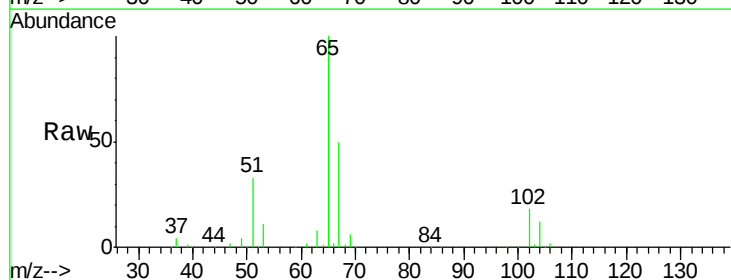
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW454-180628DL

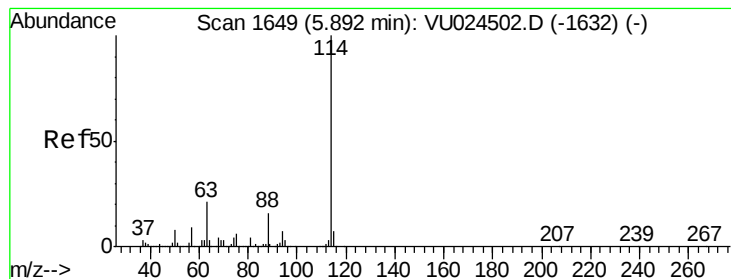
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	306.6
98	65.3	0.0	128.8



#33
 1,2-Dichloroethane-d4
 Concen: 47.138 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025255.D
 Acq: 06 Jul 2018 21:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025255.D

Acq: 06 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

WP021IW454-180628DL

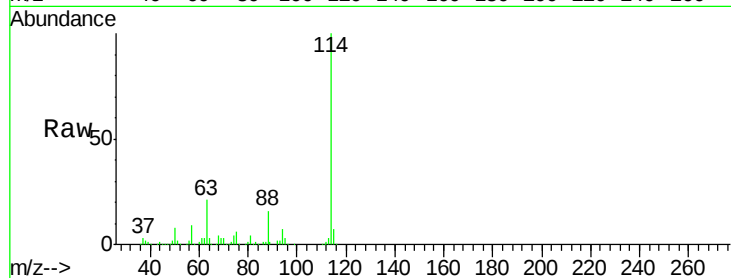
Tot Ion:114 Resp: 298695

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

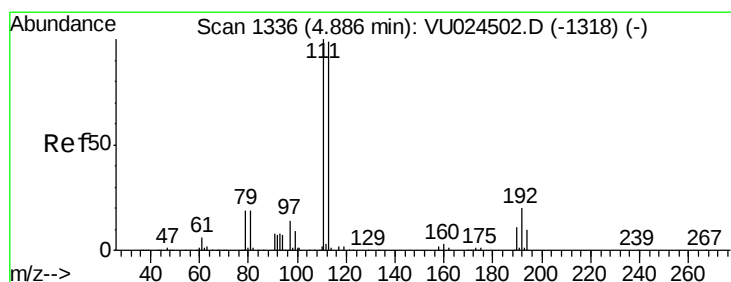
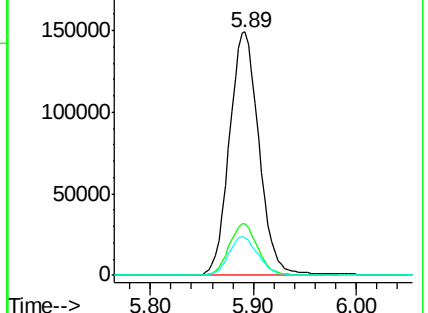
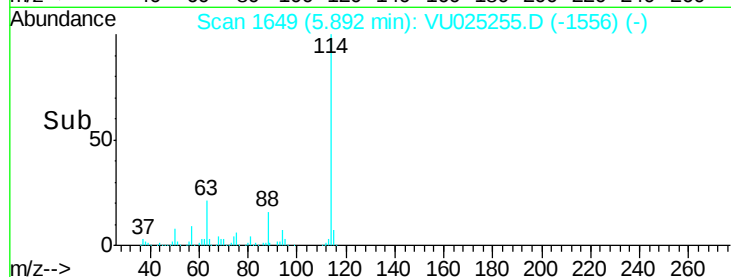
88 15.6 0.0 31.0



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: 47.616 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025255.D

Acq: 06 Jul 2018 21:19

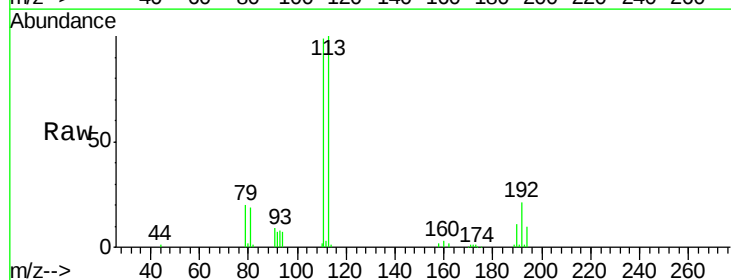
Tgt Ion:113 Resp: 118036

Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

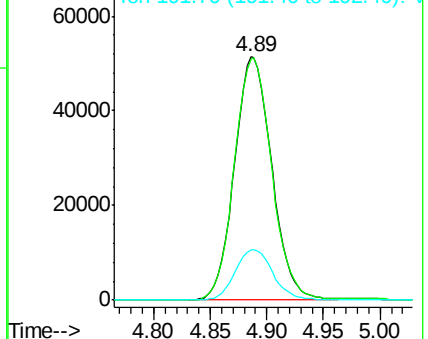
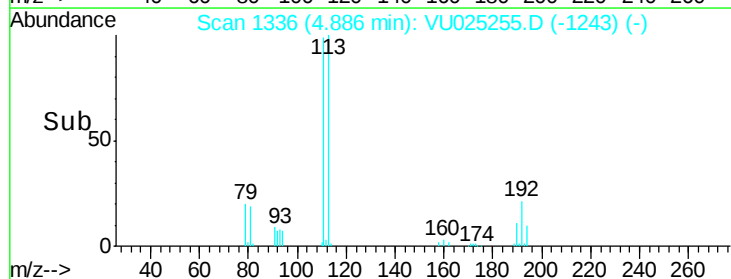
192 21.0 16.2 24.4

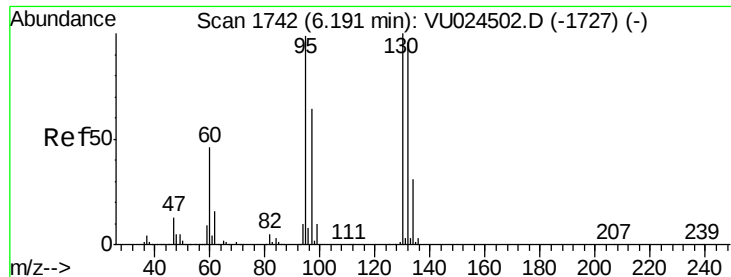


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.972 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025255.D

Acq: 06 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

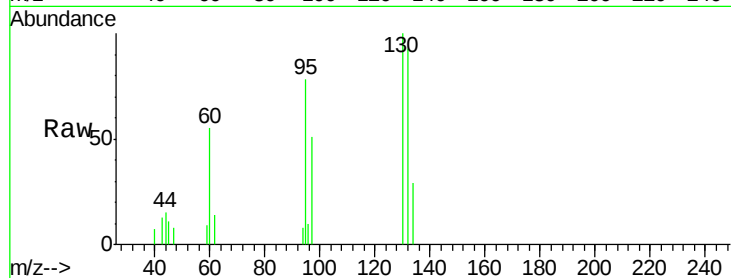
WP021IW454-180628DL

Tot Ion:130 Resp: 2766

Ion Ratio Lower Upper

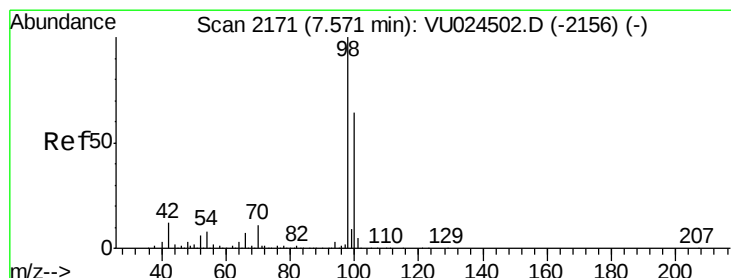
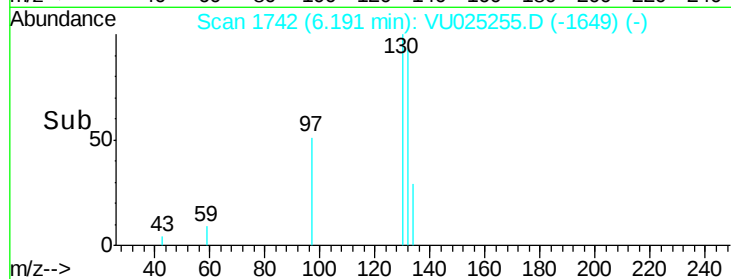
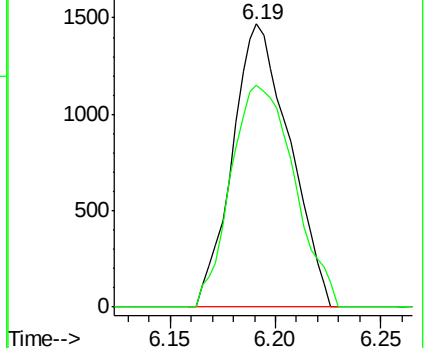
130 100

95 78.3 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: 47.109 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025255.D

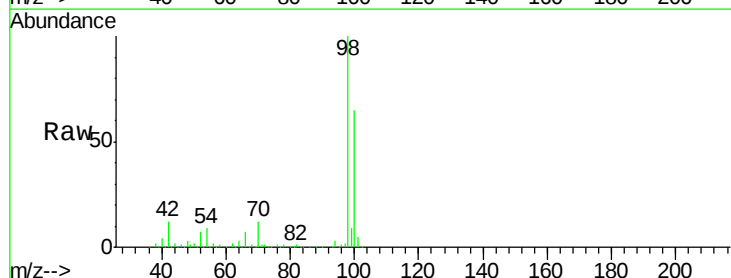
Acq: 06 Jul 2018 21:19

Tgt Ion: 98 Resp: 425968

Ion Ratio Lower Upper

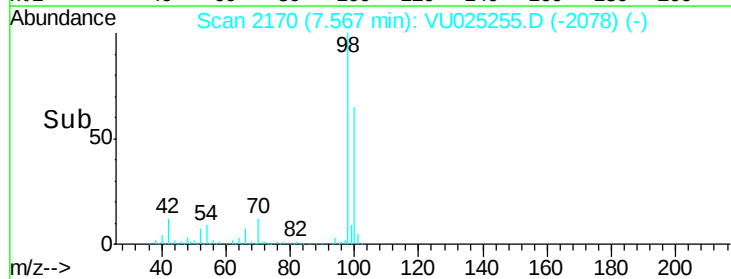
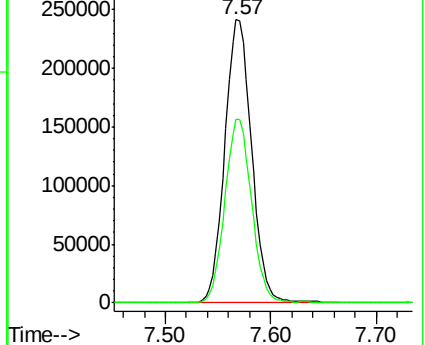
98 100

100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

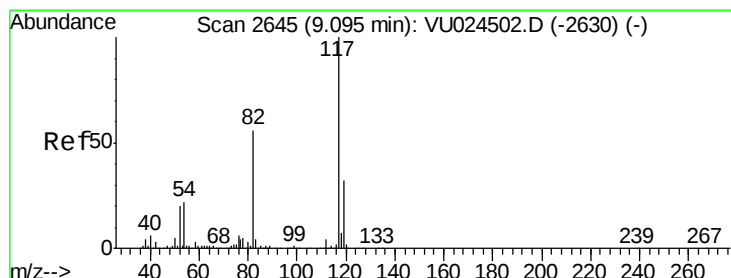
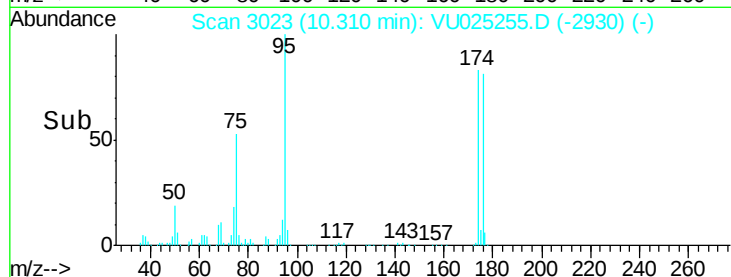
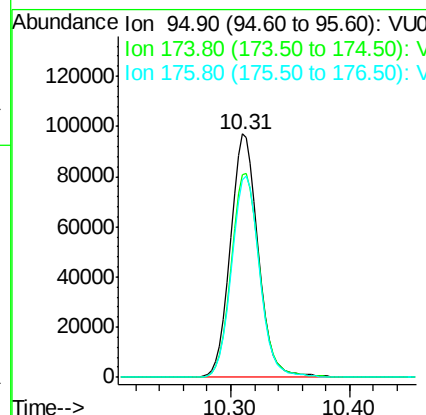
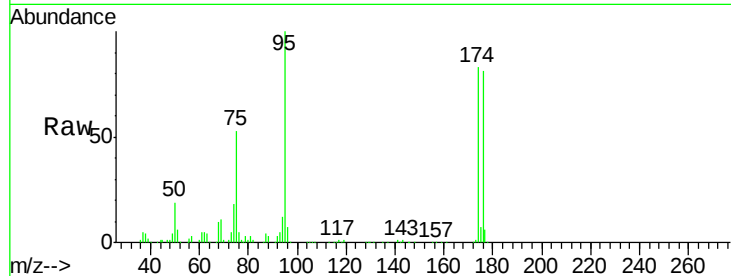




#62
4-Bromofluorobenzene
Concen: 43.756 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025255.D
Acq: 06 Jul 2018 21:19

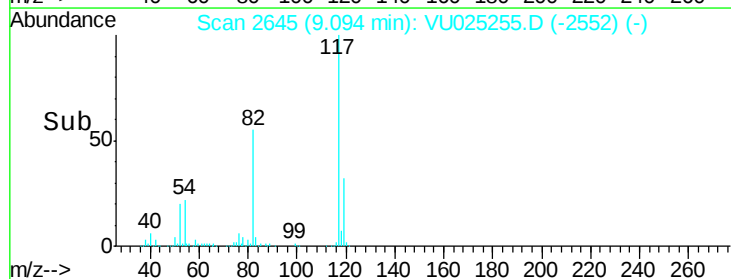
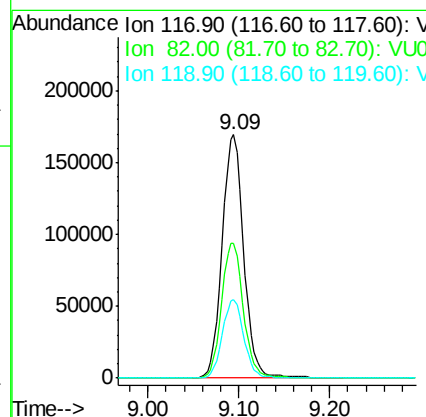
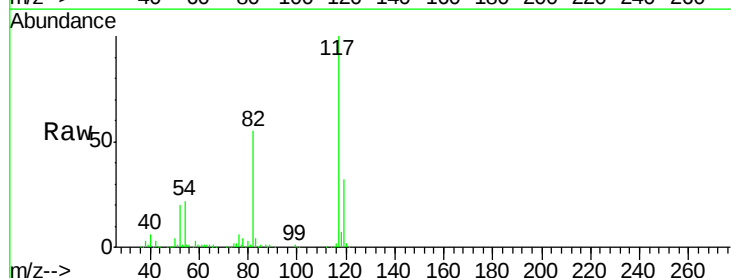
Instrument :
MSVOA_U
ClientSampleId :
WP021IW454-180628DL

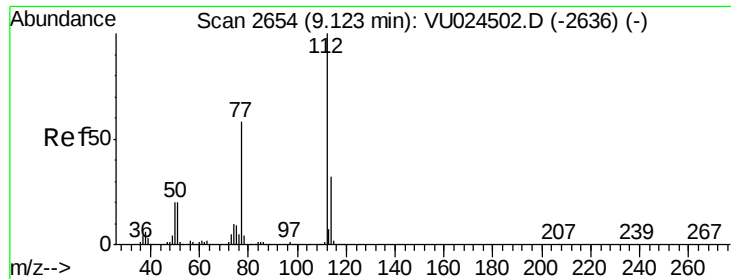
Tot Ion: 95 Resp: 157089
Ion Ratio Lower Upper
95 100
174 85.8 0.0 165.8
176 83.2 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025255.D
Acq: 06 Jul 2018 21:19

Tgt Ion: 117 Resp: 279672
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.3 25.4 38.2





#65

Chlorobenzene

Concen: 1.720 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025255.D

Acq: 06 Jul 2018 21:19

Instrument :

MSVOA_U

ClientSampleId :

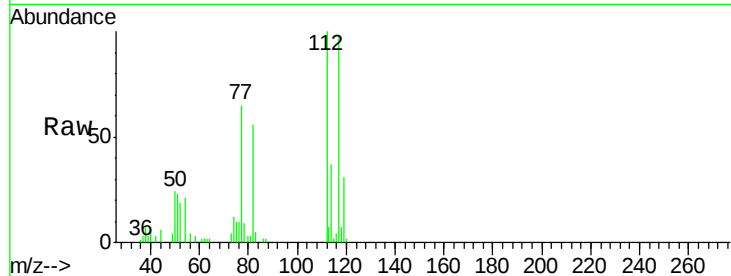
WP021IW454-180628DL

Tot Ion:112 Resp: 12292

Ion Ratio Lower Upper

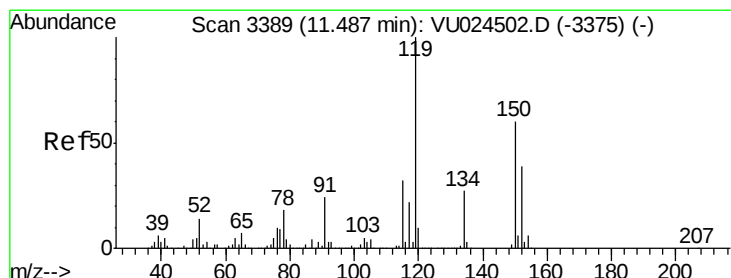
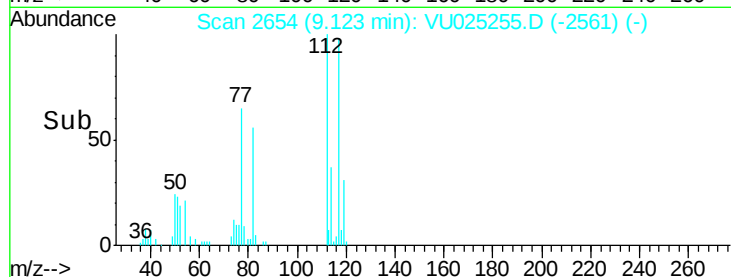
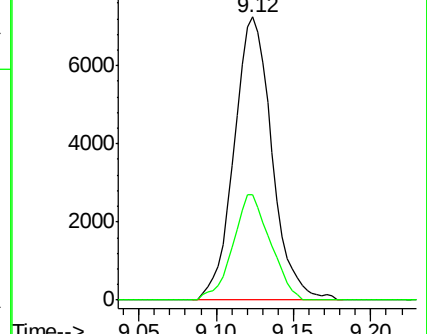
112 100

114 37.2 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: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025255.D

Acq: 06 Jul 2018 21:19

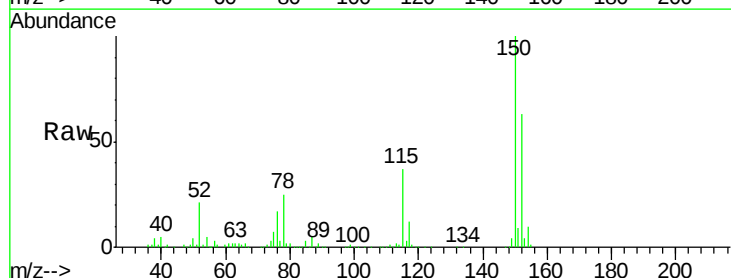
Tgt Ion:152 Resp: 141299

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

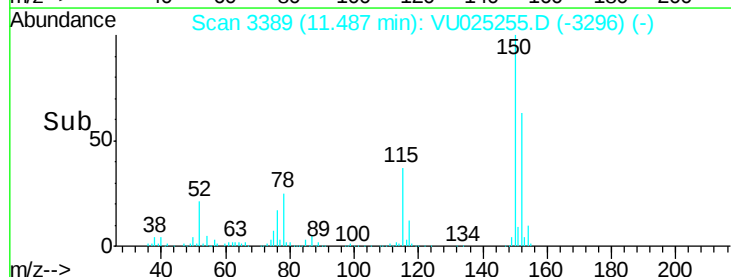
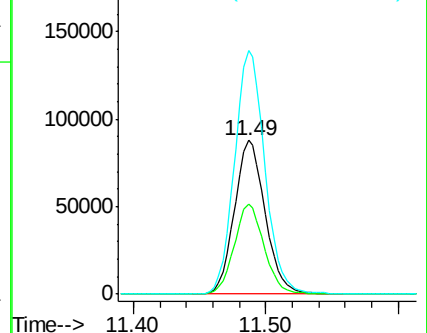
150 156.5 0.0 354.0

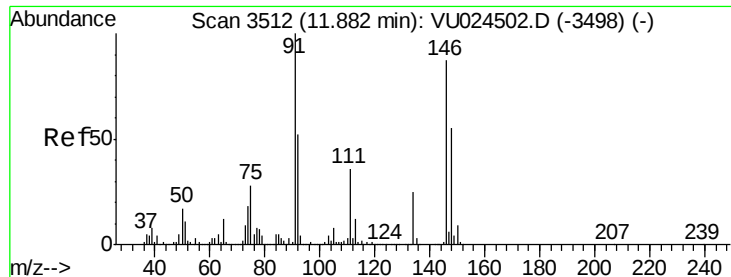


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.927 ug/l

RT: 11.89 min Scan# 3514

Delta R.T. 0.01 min

Lab File: VU025255.D

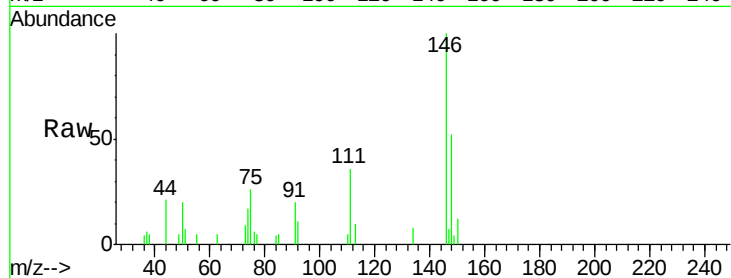
Acq: 06 Jul 2018 21:19

Instrument :

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ClientSampleId :

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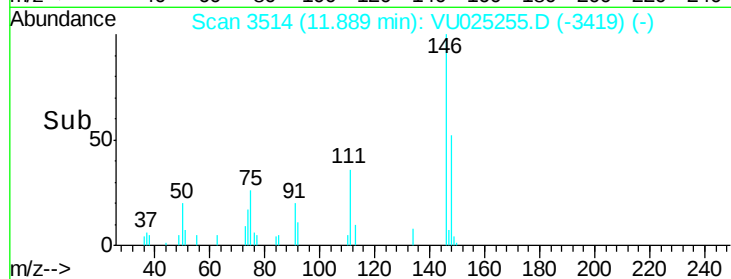
Tot Ion:146 Resp: 4711

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 58.0 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

