

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024870.D
 Acq On : 25 Jun 2018 13:18
 Operator : MD/SY
 Sample : J3662-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW038-180619

Quant Time: Jun 26 10:59:35 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

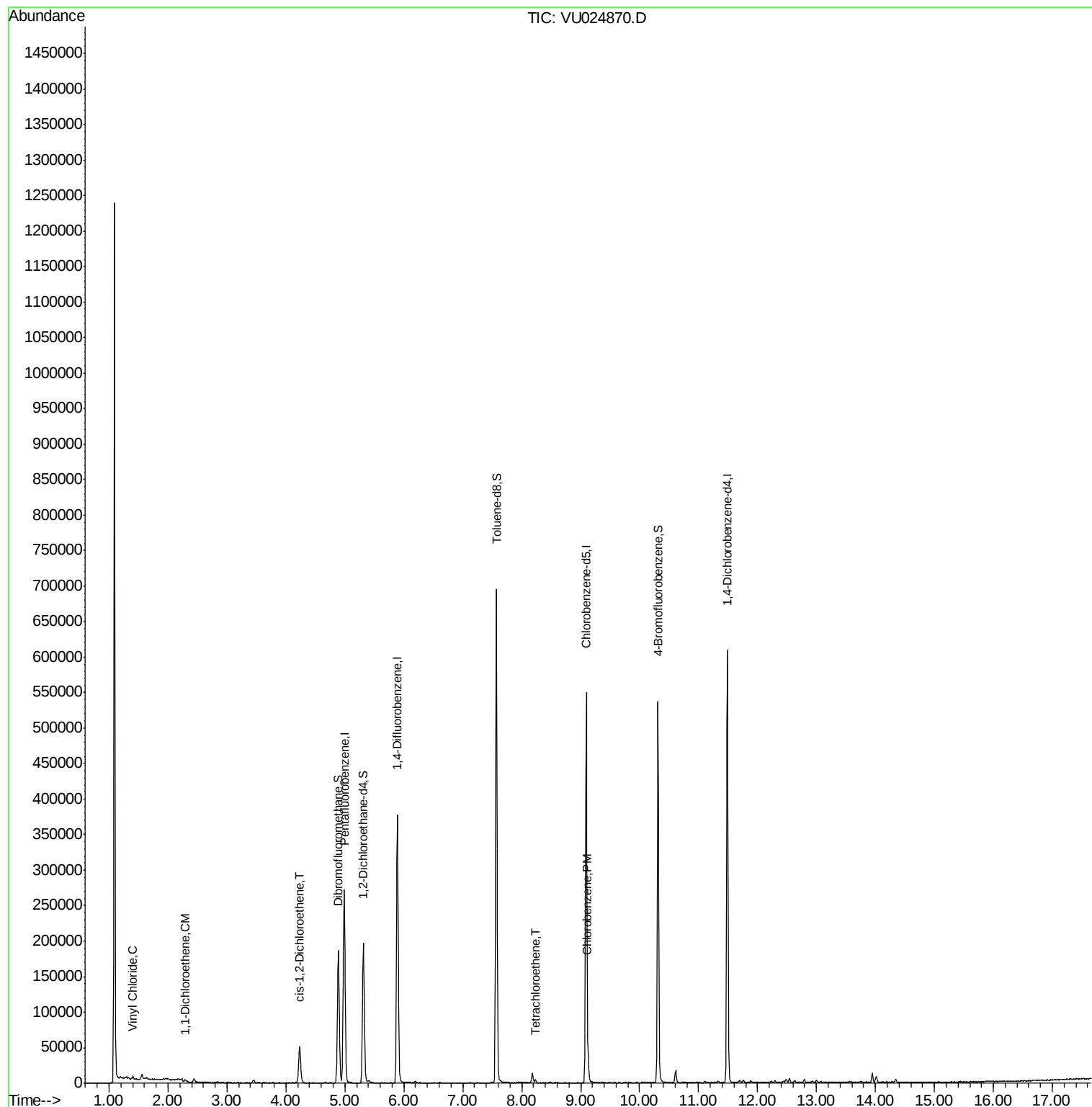
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	209734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	319829	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	296762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156351	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
35) Dibromofluoromethane	4.89	113	126625	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	7.57	98	463764	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	10.31	95	173158	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2398	0.87	ug/l	92
12) 1,1-Dichloroethene	2.28	96	1067	0.45	ug/l #	66
27) cis-1,2-Dichloroethene	4.23	96	29122	9.63	ug/l	87
64) Tetrachloroethene	8.23	164	1092	0.39	ug/l #	83
65) Chlorobenzene	9.12	112	15989	2.11	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: VU024870.D

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MSVOA_U

ClientSampleId :

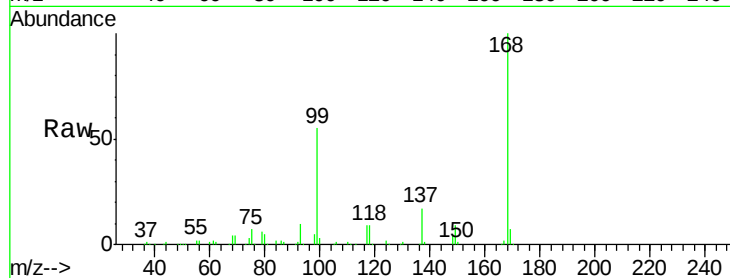
WP021MW038-180619

Tot Ion:168 Resp: 209734

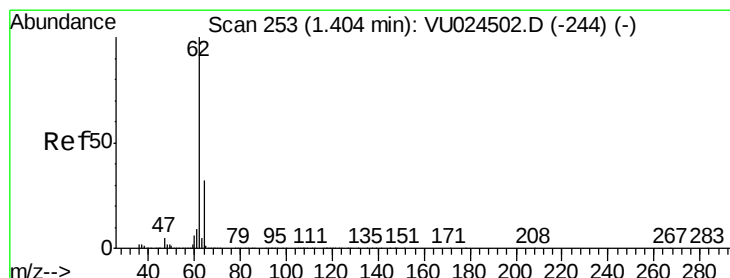
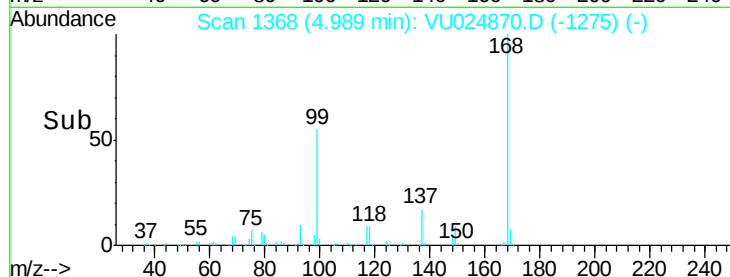
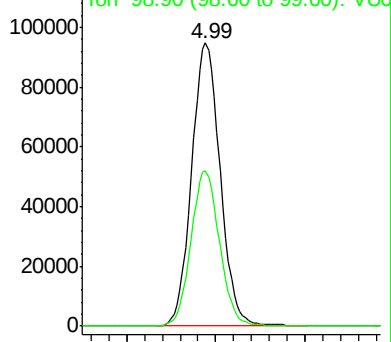
Ion Ratio Lower Upper

168 100

99 54.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024870.D (-1275) (-)



#4

Vinyl Chloride

Concen: 0.87 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024870.D

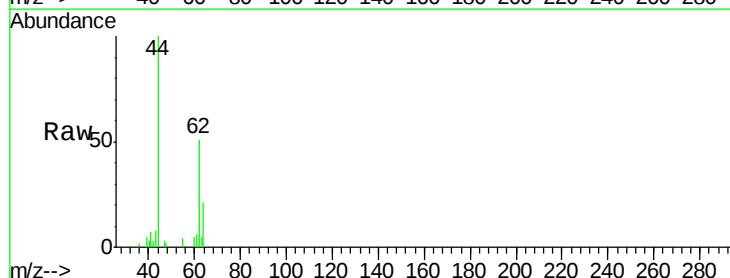
Acq: 25 Jun 2018 13:18

Tgt Ion: 62 Resp: 2398

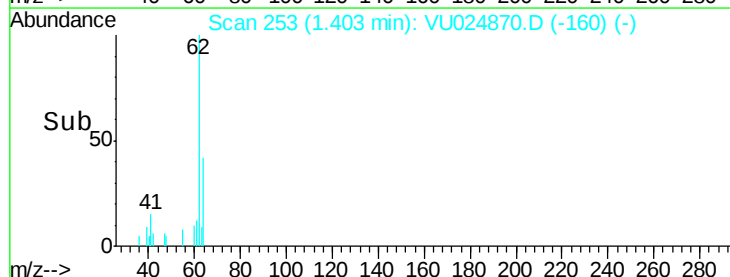
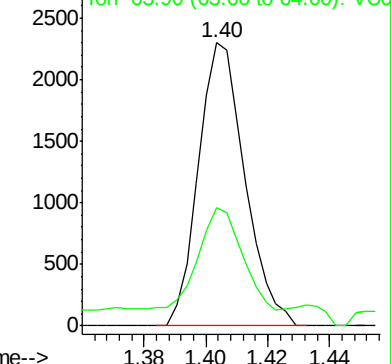
Ion Ratio Lower Upper

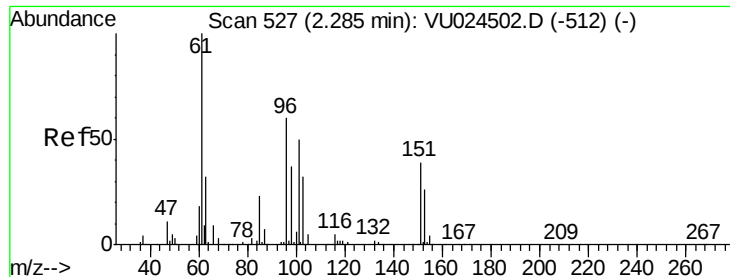
62 100

64 35.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024870.D (-160) (-)





#12

1,1-Dichloroethene

Concen: 0.45 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU024870.D

Acq: 25 Jun 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

WP021MW038-180619

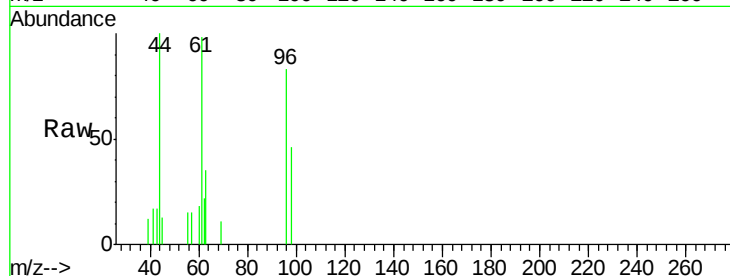
Tot Ion: 96 Resp: 1067

Ion Ratio Lower Upper

96 100

61 117.6 141.7 212.5#

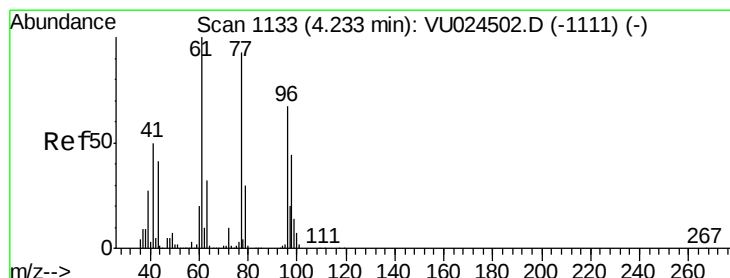
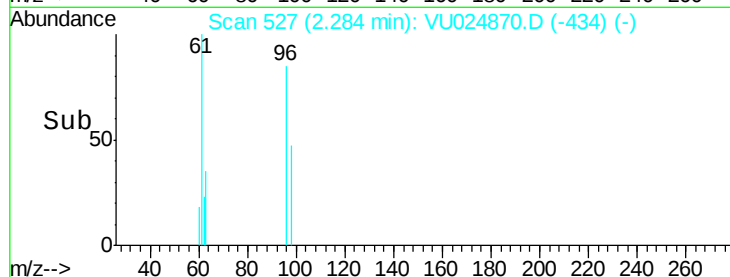
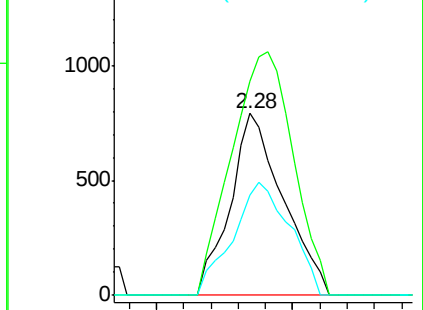
98 55.2 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 9.63 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024870.D

Acq: 25 Jun 2018 13:18

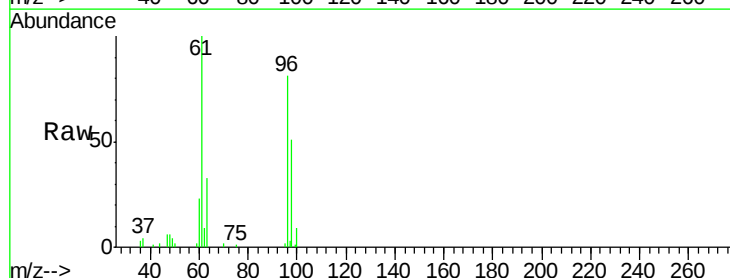
Tgt Ion: 96 Resp: 29122

Ion Ratio Lower Upper

96 100

61 129.4 0.0 306.6

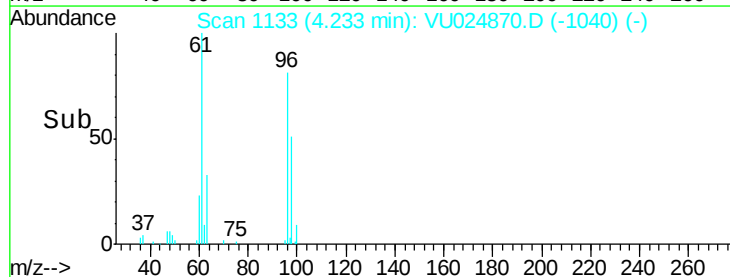
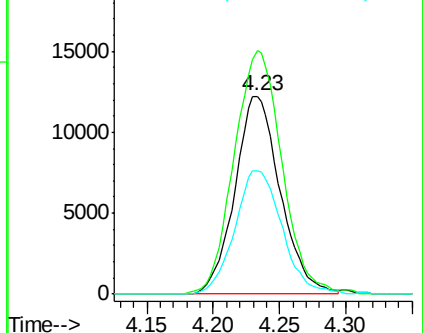
98 64.7 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#33

1,2-Dichloroethane-d4

Concen: 45.66 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024870.D

Acq: 25 Jun 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

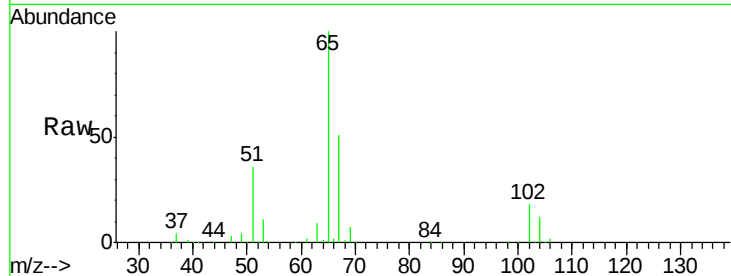
WP021MW038-180619

Tot Ion: 65 Resp: 156351

Ion Ratio Lower Upper

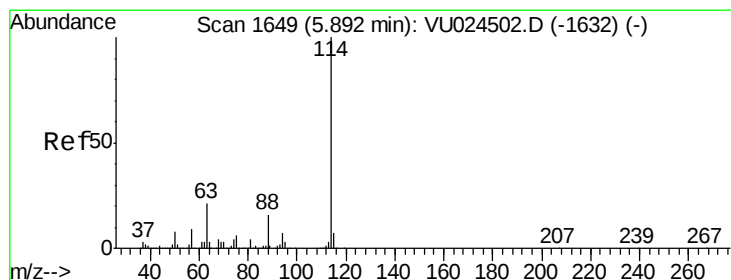
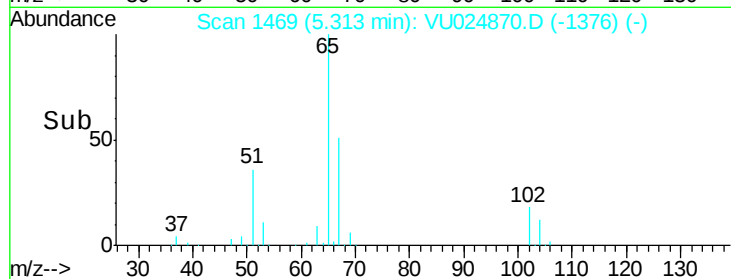
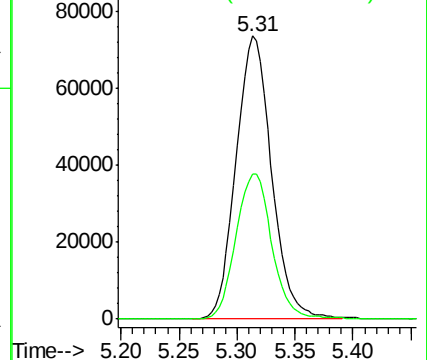
65 100

67 52.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024870.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024870.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024870.D

Acq: 25 Jun 2018 13:18

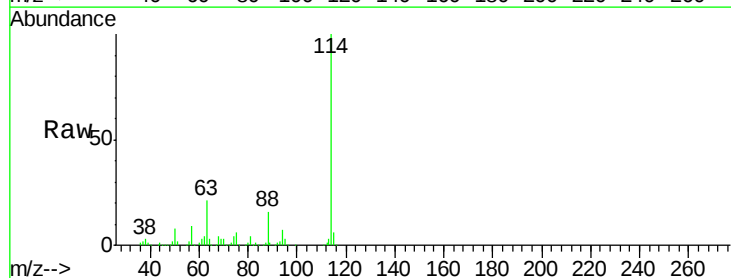
Tgt Ion: 114 Resp: 319829

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

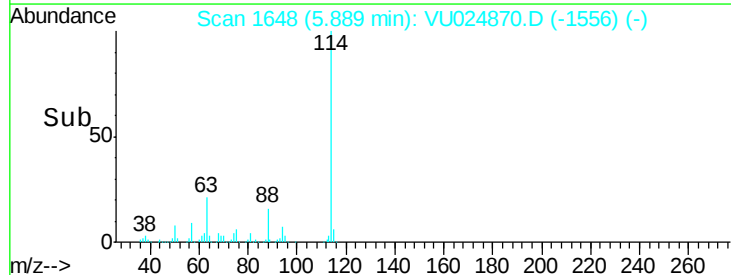
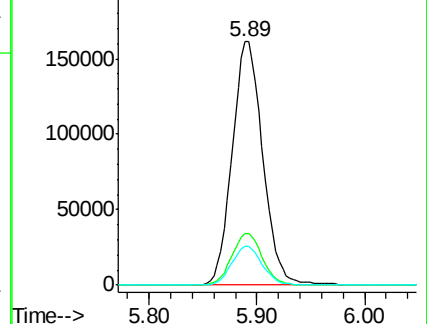
88 15.8 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024870.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024870.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024870.D (-1556) (-)

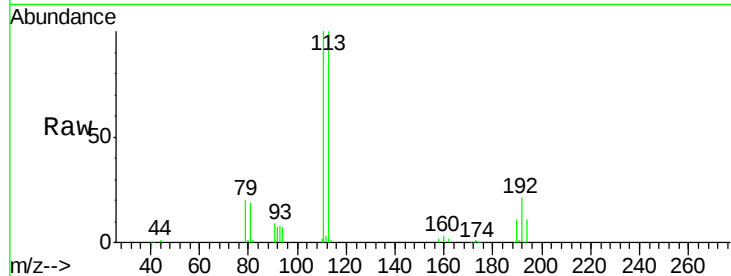




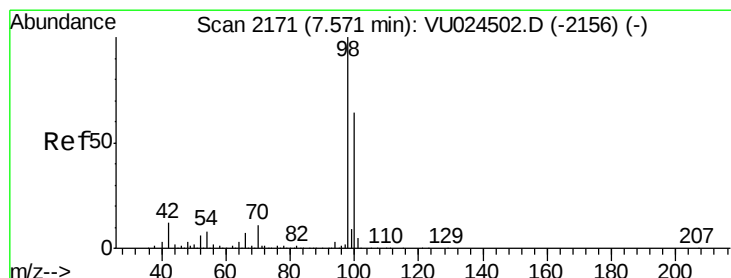
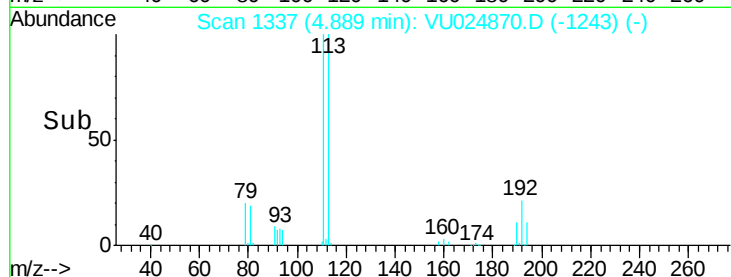
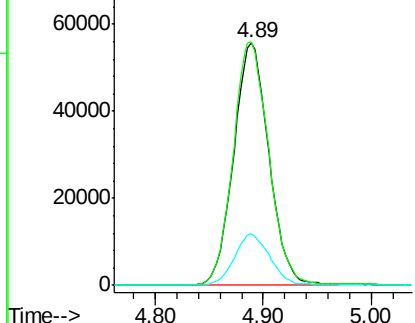
#35
 Dibromofluoromethane
 Concen: 47.70 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024870.D
 Acq: 25 Jun 2018 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW038-180619

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	21.3	16.2	24.4

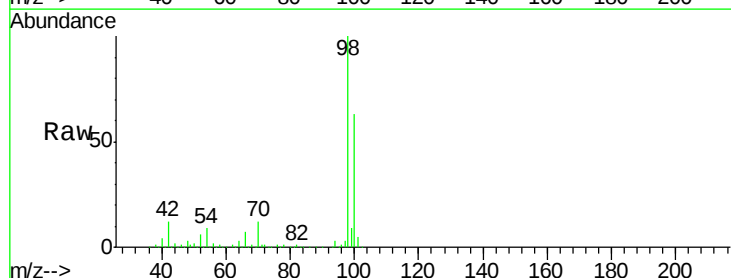


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

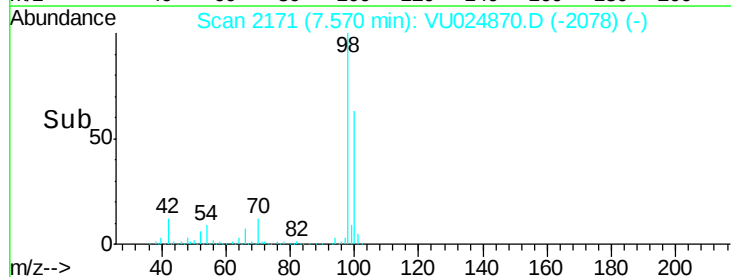
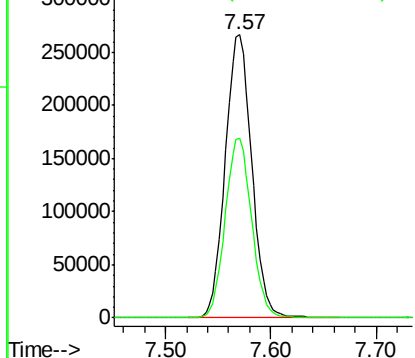


#50
 Toluene-d8
 Concen: 47.90 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU024870.D
 Acq: 25 Jun 2018 13:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU

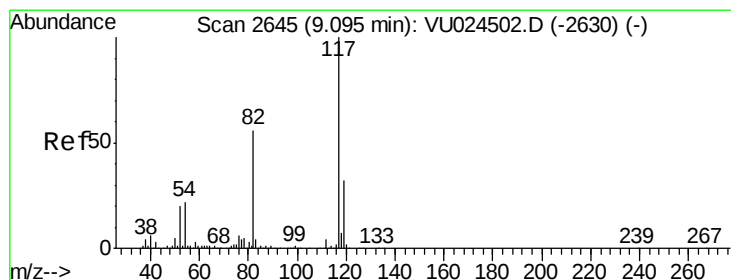
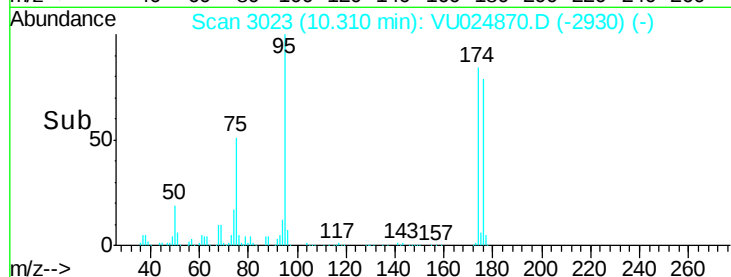
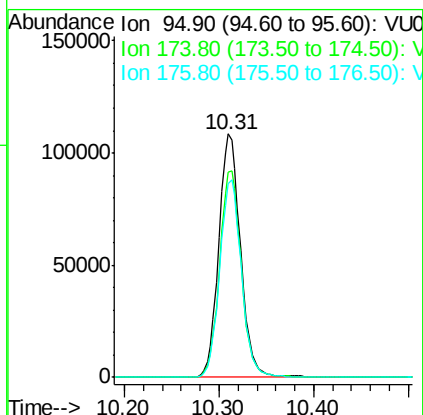
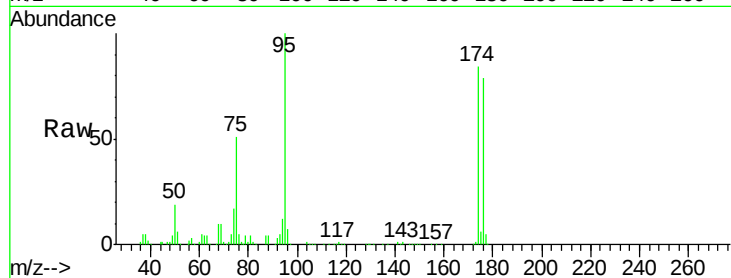




#62
4-Bromofluorobenzene
Concen: 45.04 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024870.D
Acq: 25 Jun 2018 13:18

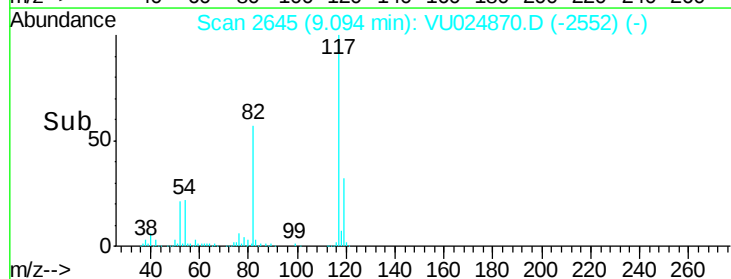
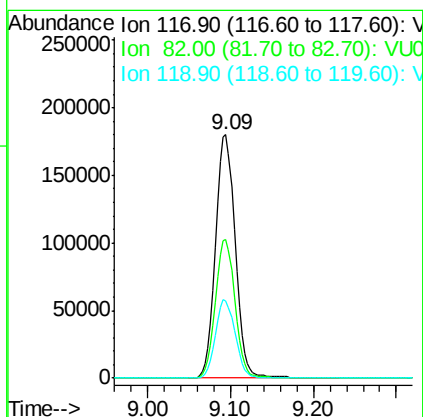
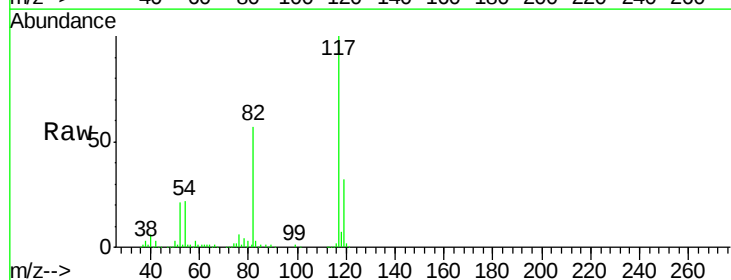
Instrument :
MSVOA_U
ClientSampleId :
WP021MW038-180619

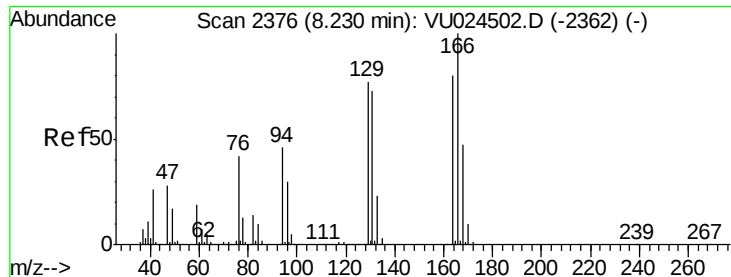
Tot Ion	95	Resp	173158
Ion Ratio	100		
Lower		0.0	165.8
Upper		0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024870.D
Acq: 25 Jun 2018 13:18

Tgt Ion	117	Resp	296762
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		44.3	66.5
Upper		25.4	38.2

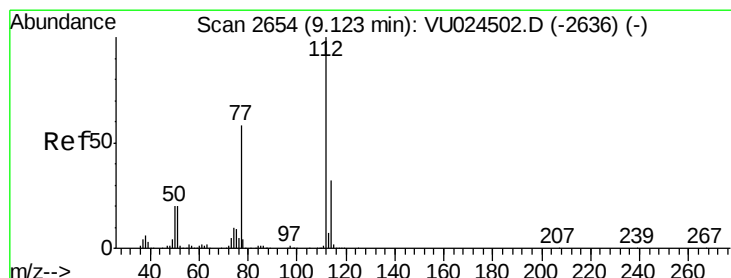
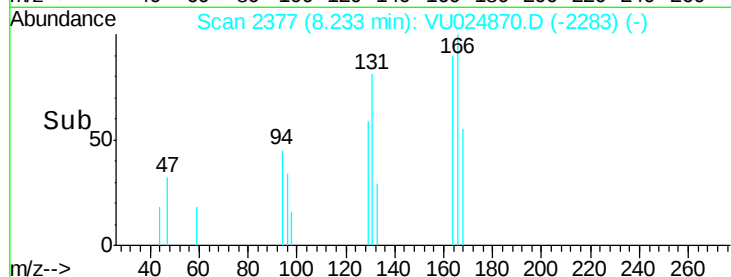
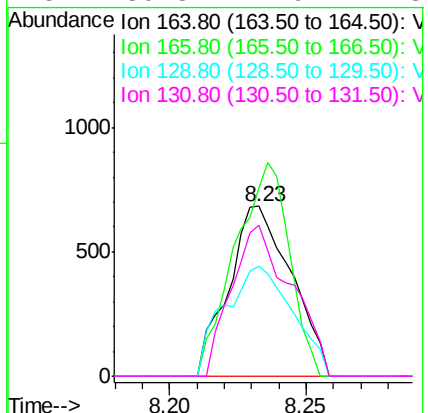
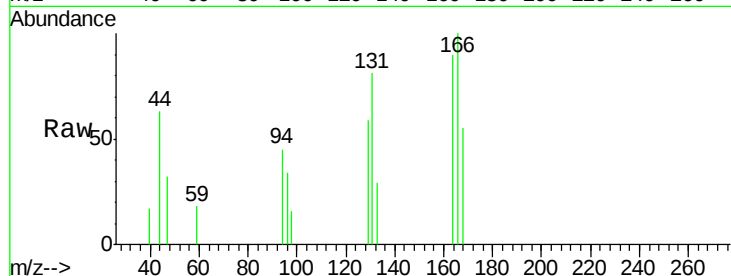




#64
Tetrachloroethene
Concen: 0.39 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024870.D
Acq: 25 Jun 2018 13:18

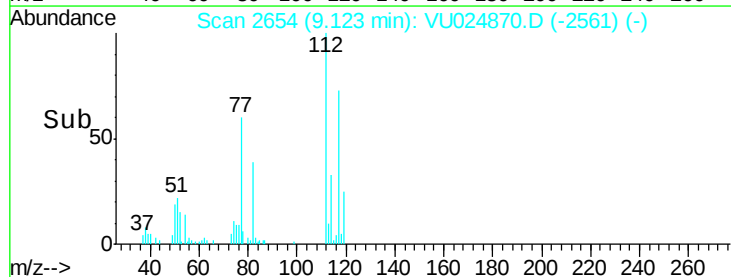
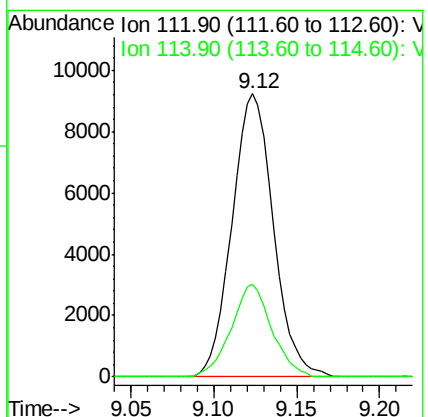
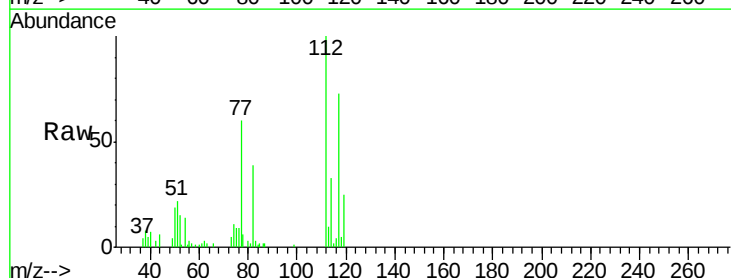
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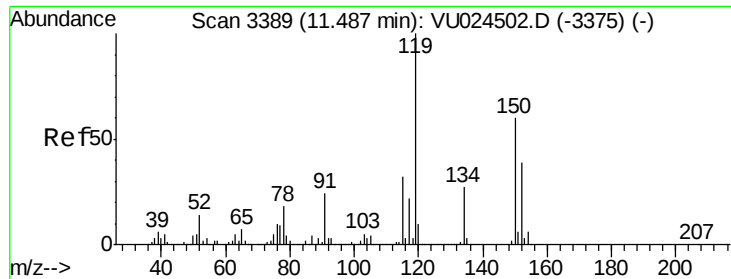
Tot Ion:164 Resp: 1092
Ion Ratio Lower Upper
164 100
166 110.6 101.7 152.5
129 65.2 76.9 115.3#
131 89.3 74.9 112.3



#65
Chlorobenzene
Concen: 2.11 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024870.D
Acq: 25 Jun 2018 13:18

Tgt Ion:112 Resp: 15989
Ion Ratio Lower Upper
112 100
114 32.7 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: VU024870.D

Acq: 25 Jun 2018 13:18

Instrument :

MSVOA_U

ClientSampleId :

WP021MW038-180619

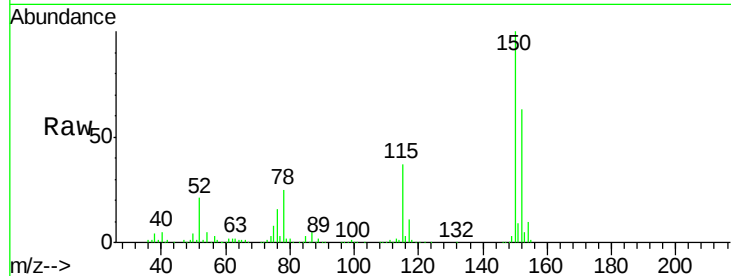
Tot Ion:152 Resp: 159448

Ion Ratio Lower Upper

152 100

115 57.8 43.0 129.0

150 156.4 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

