

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025212.D
 Acq On : 05 Jul 2018 13:47
 Operator : MD/SY
 Sample : J3808-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW463-180627

Quant Time: Jul 06 05:46:14 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

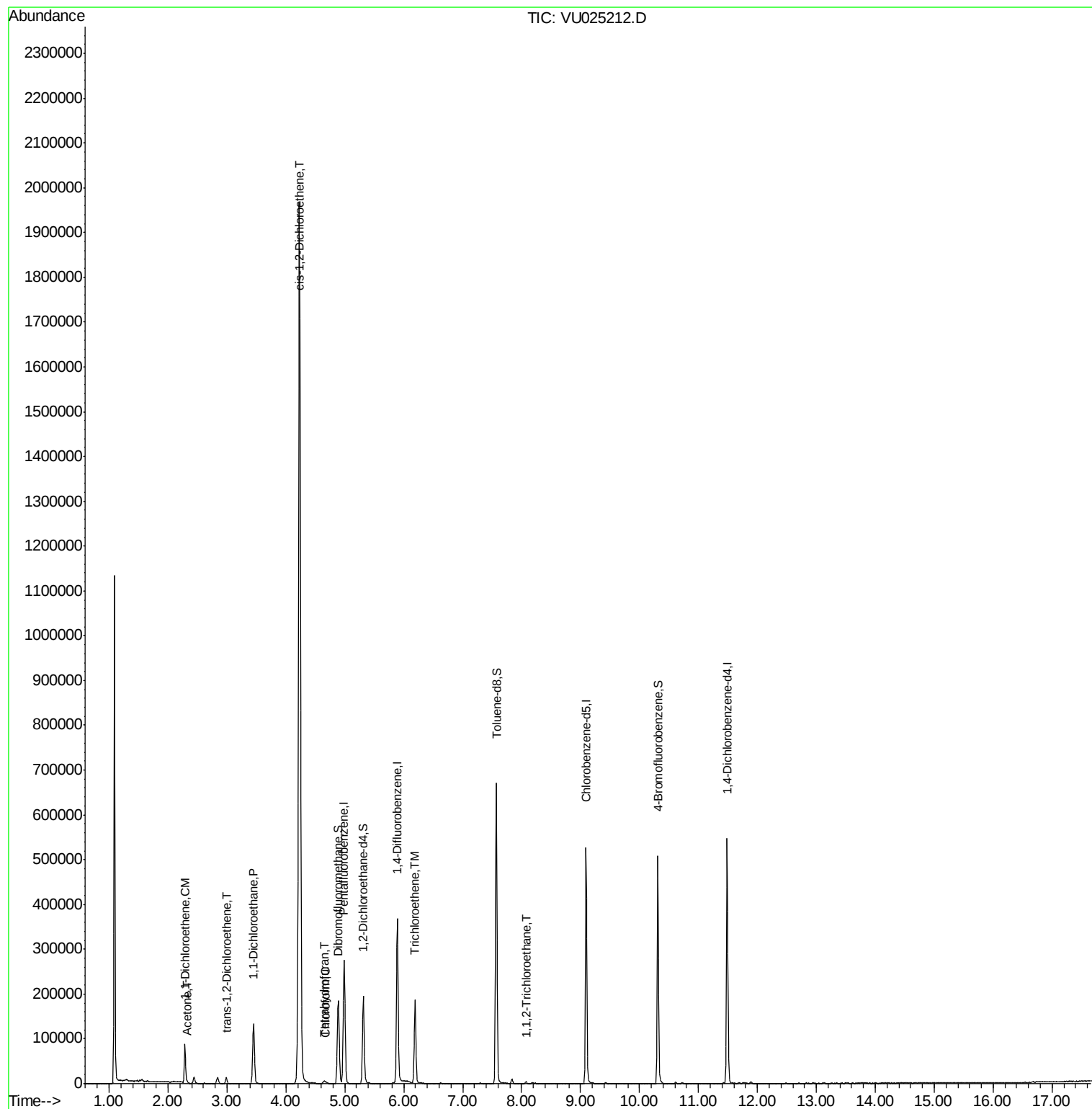
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	210361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313221	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156787	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
35) Dibromofluoromethane	4.89	113	124784	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	7.57	98	446307	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	10.31	95	164230	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
12) 1,1-Dichloroethene	2.29	96	26244	10.957	ug/l	99
16) Acetone	2.33	43	5595	3.032	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	5444	2.064	ug/l	94
24) 1,1-Dichloroethane	3.45	63	146300	28.846	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	1094028	360.712	ug/l	89
29) Tetrahydrofuran	4.65	42	3867	2.519	ug/l	94
30) Chloroform	4.68	83	1215	0.237	ug/l	95
44) Trichloroethene	6.19	130	65673	22.003	ug/l	94
55) 1,1,2-Trichloroethane	8.07	97	1425	0.520	ug/l	89

(#) = 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: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

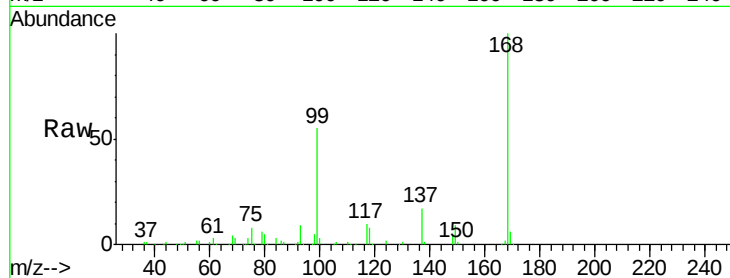
WP021MW463-180627

Tot Ion:168 Resp: 210361

Ion Ratio Lower Upper

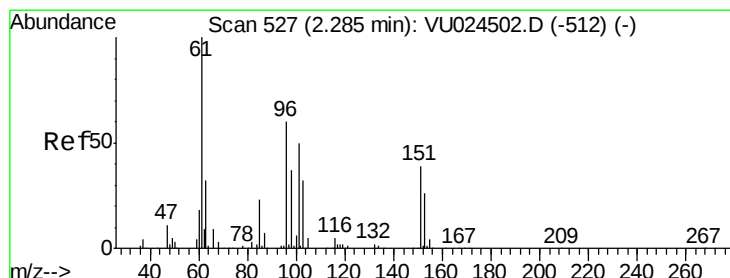
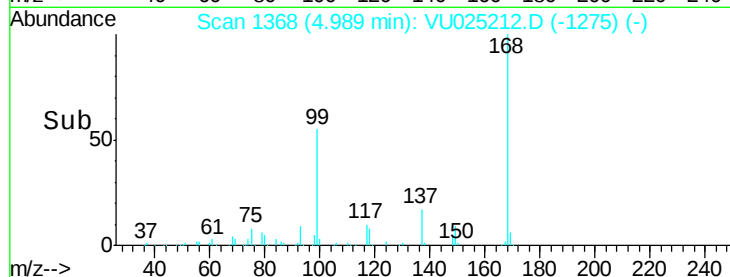
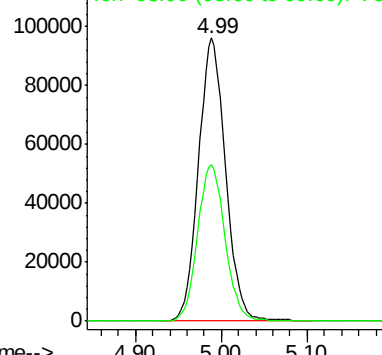
168 100

99 55.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#12

1,1-Dichloroethene

Concen: 10.957 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

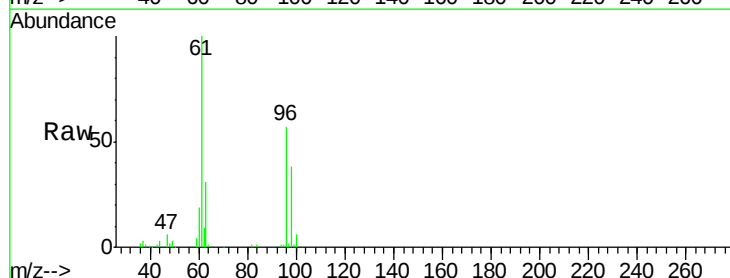
Tgt Ion: 96 Resp: 26244

Ion Ratio Lower Upper

96 100

61 176.7 141.7 212.5

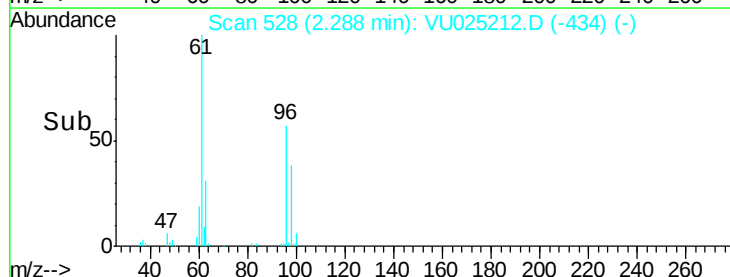
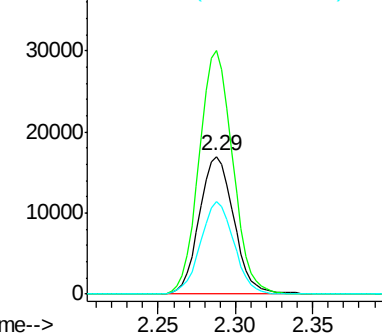
98 67.0 51.6 77.4

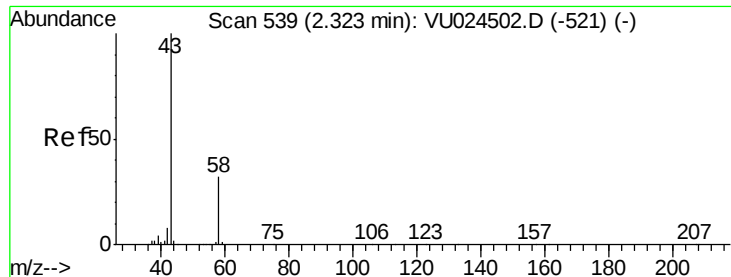


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#16

Acetone

Concen: 3.032 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

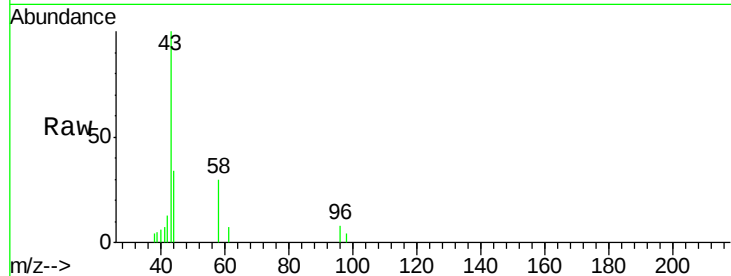
WP021MW463-180627

Tot Ion: 43 Resp: 5595

Ion Ratio Lower Upper

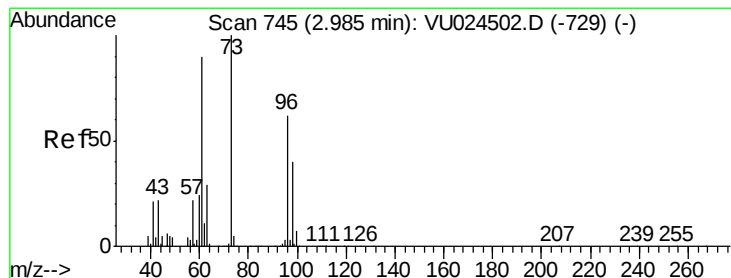
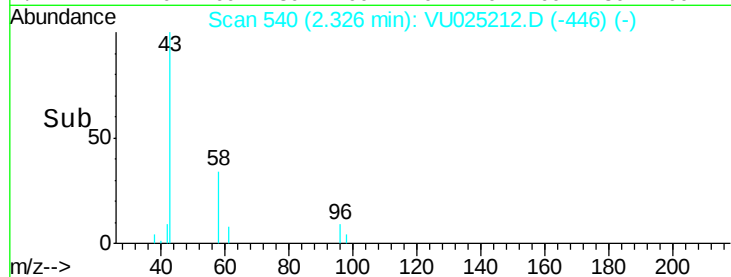
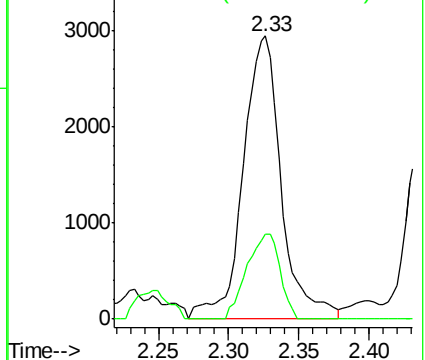
43 100

58 30.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#21

trans-1,2-Dichloroethene

Concen: 2.064 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

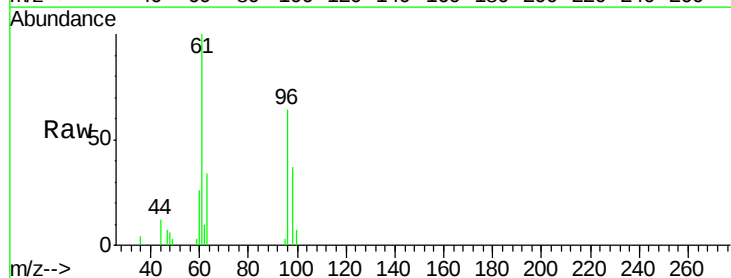
Tgt Ion: 96 Resp: 5444

Ion Ratio Lower Upper

96 100

61 155.7 119.4 179.0

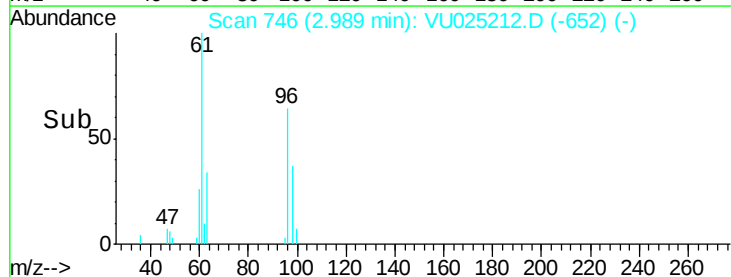
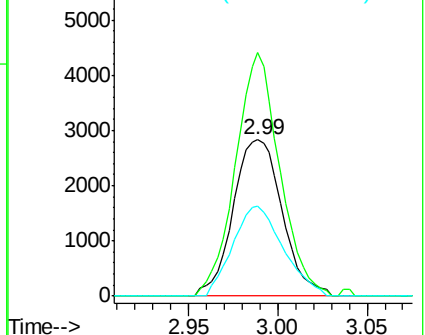
98 57.4 51.1 76.7

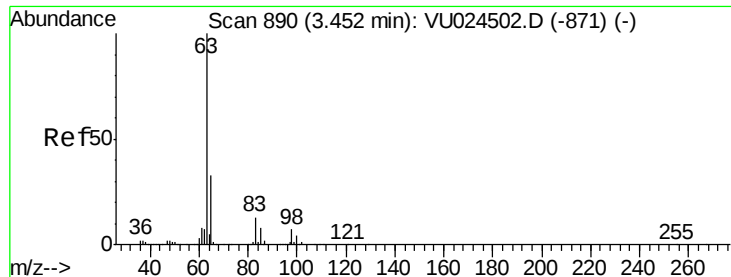


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#24

1,1-Dichloroethane

Concen: 28.846 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

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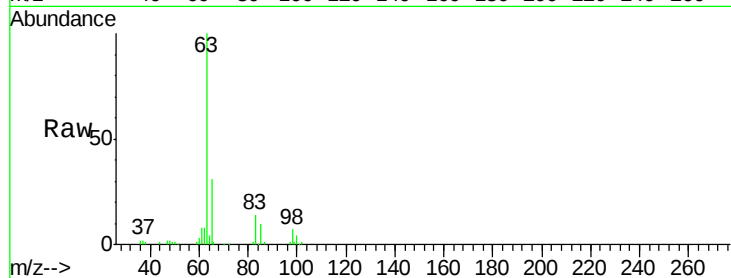
Tot Ion: 63 Resp: 146300

Ion Ratio Lower Upper

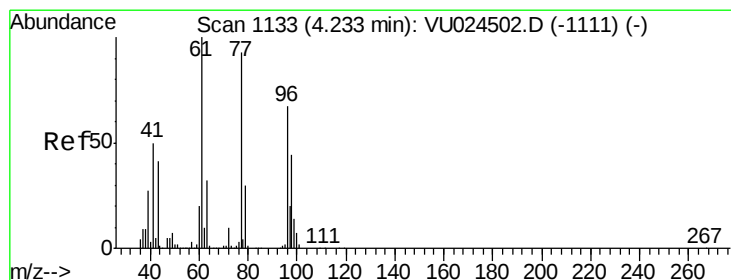
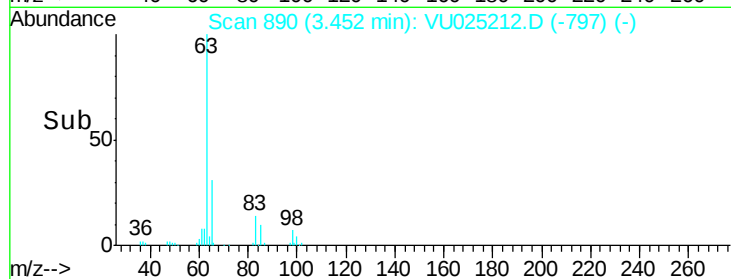
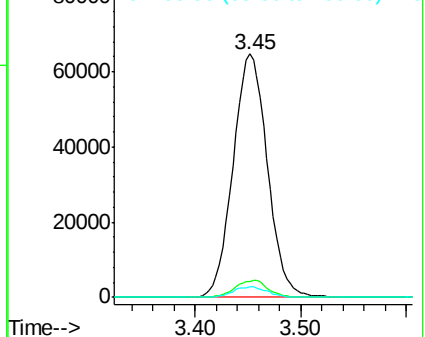
63 100

98 6.5 3.5 10.4

100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 360.712 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

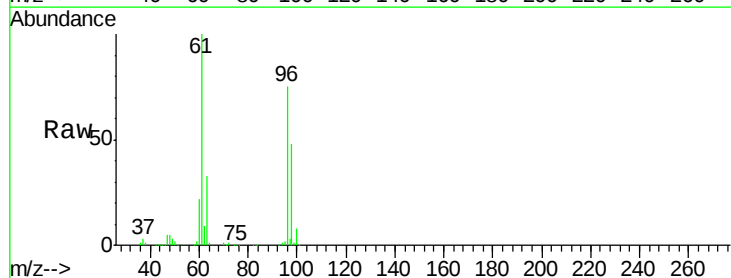
Tgt Ion: 96 Resp: 1094028

Ion Ratio Lower Upper

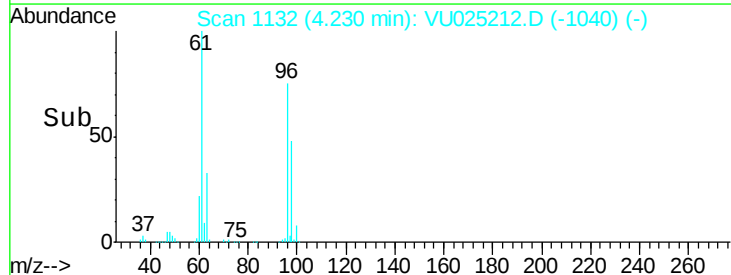
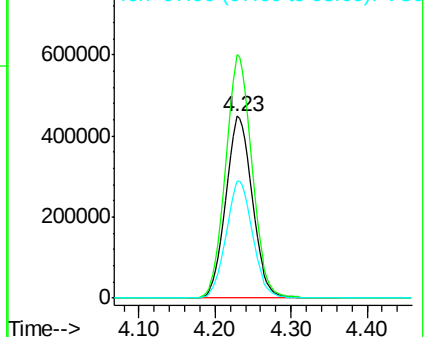
96 100

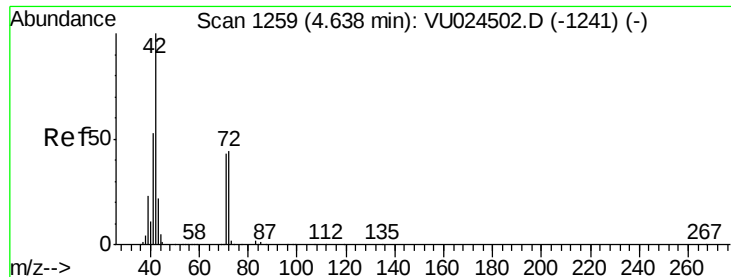
61 132.7 0.0 306.6

98 64.3 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





#29

Tetrahydrofuran

Concen: 2.519 ug/l

RT: 4.65 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

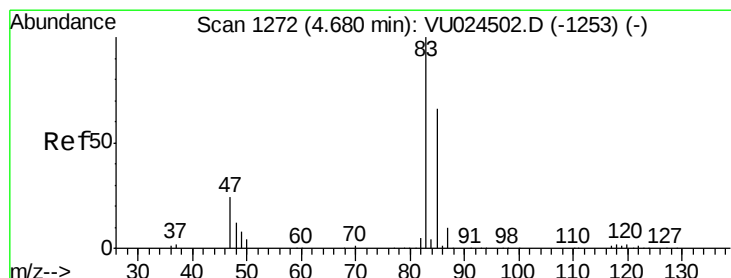
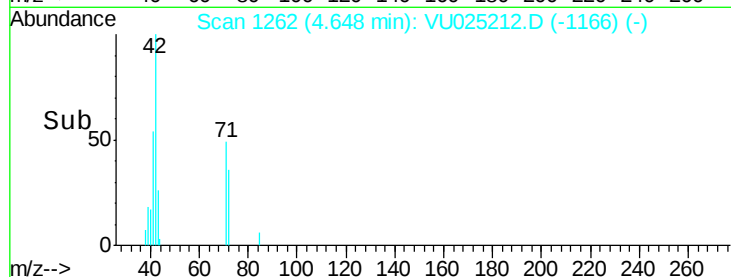
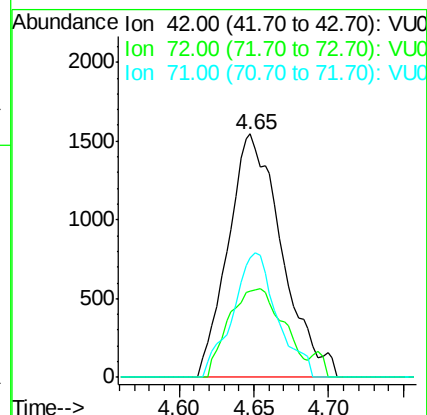
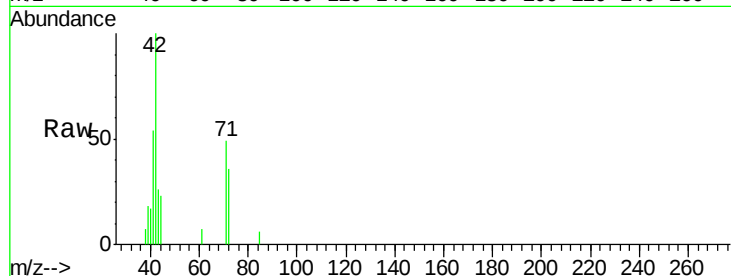
Tot Ion: 42 Resp: 3867

Ion Ratio Lower Upper

42 100

72 37.5 34.5 51.7

71 42.4 32.2 48.4



#30

Chloroform

Concen: 0.237 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VU025212.D

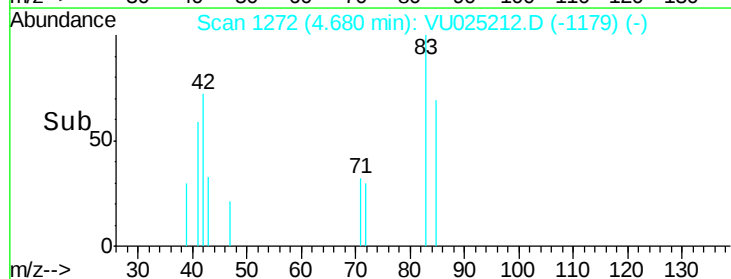
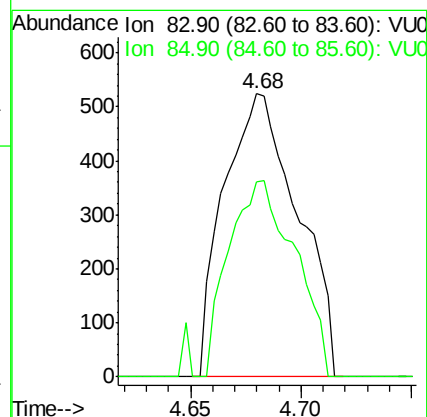
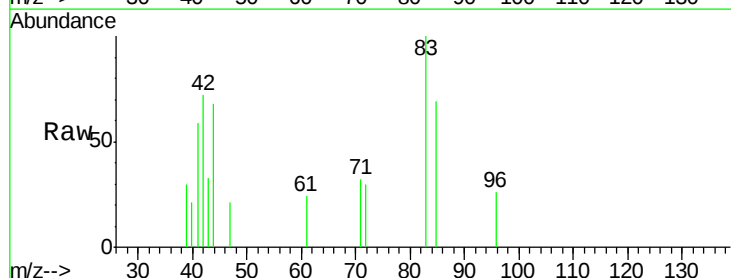
Acq: 05 Jul 2018 13:47

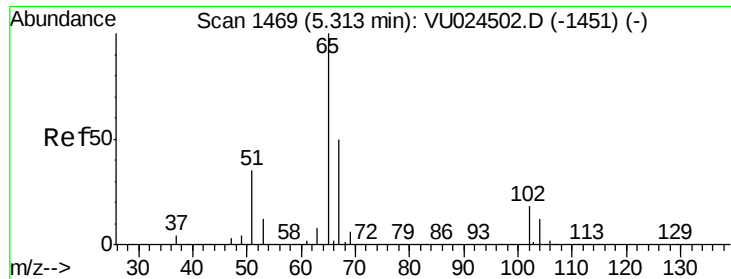
Tgt Ion: 83 Resp: 1215

Ion Ratio Lower Upper

83 100

85 69.1 52.4 78.6

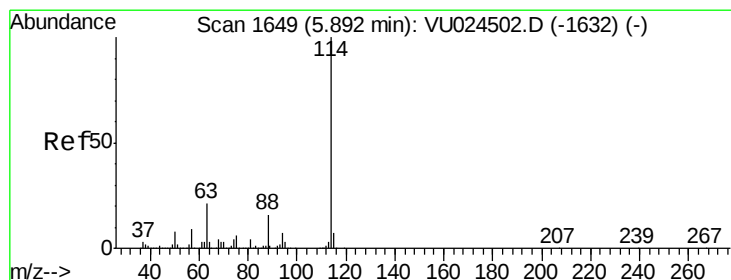
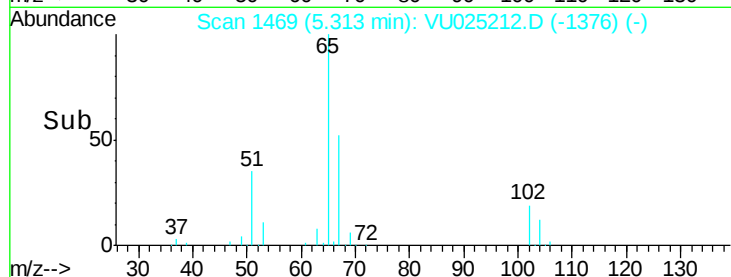
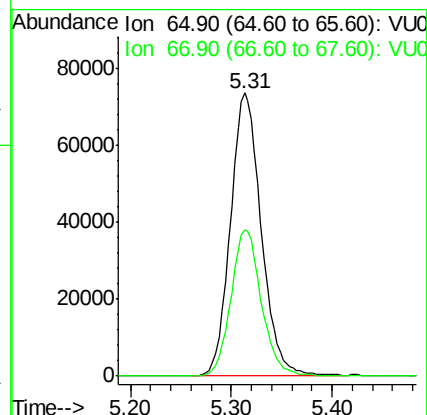
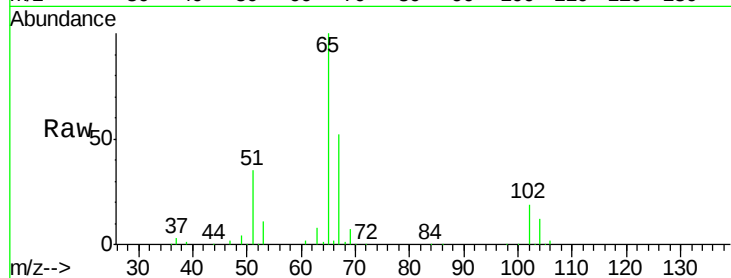




#33
 1,2-Dichloroethane-d4
 Concen: 45.655 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

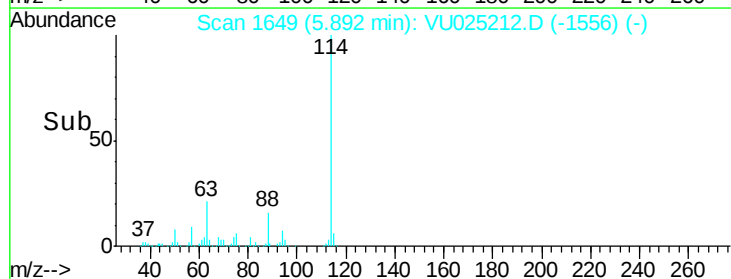
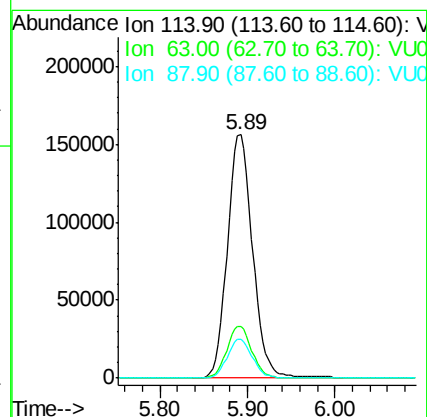
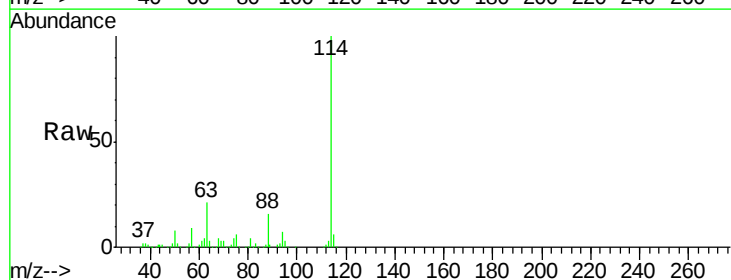
Instrument :
 MSVOA_U
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 WP021MW463-180627

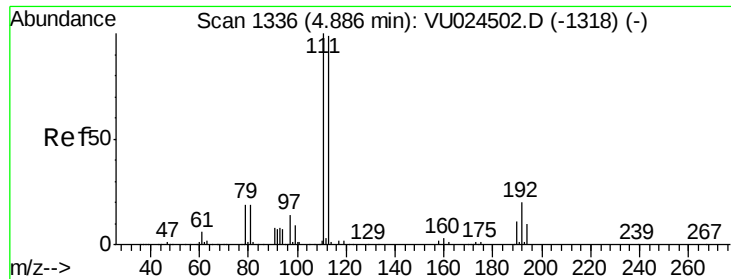
Tot Ion: 65 Resp: 156787
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

Tgt Ion: 114 Resp: 313221
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.4
 88 16.0 0.0 31.0

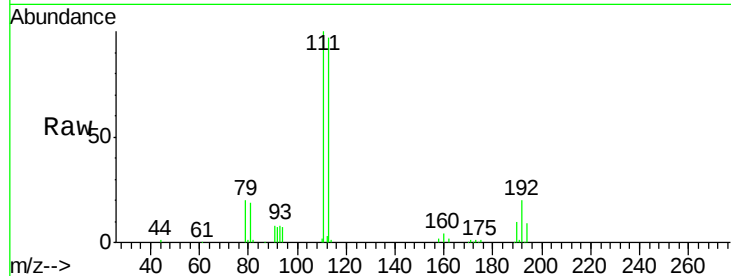




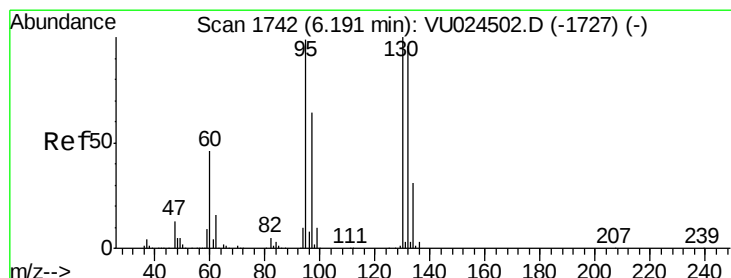
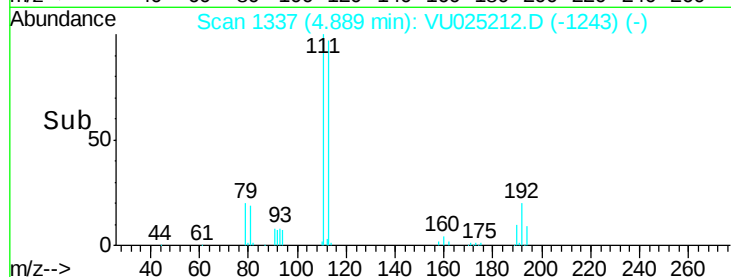
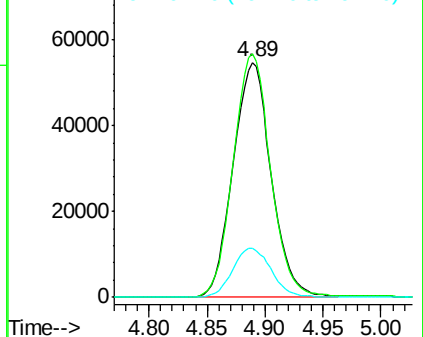
#35
 Dibromofluoromethane
 Concen: 48.003 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW463-180627

Tot Ion:113 Resp: 124784
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 21.2 16.2 24.4

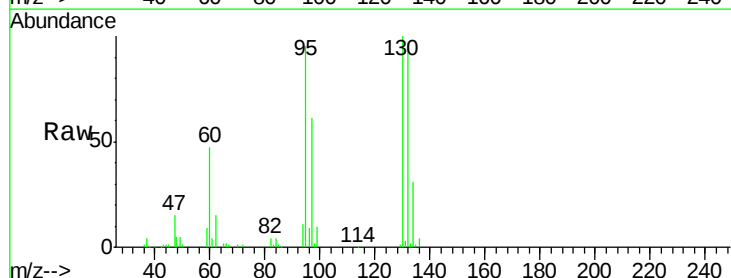


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

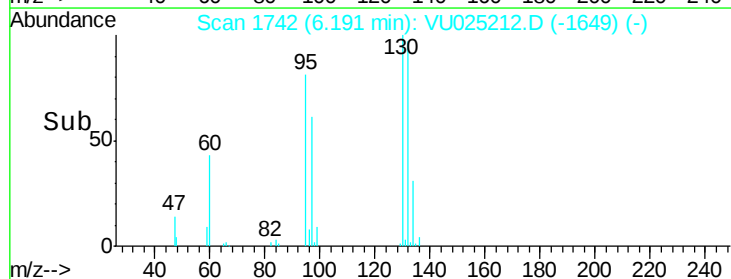
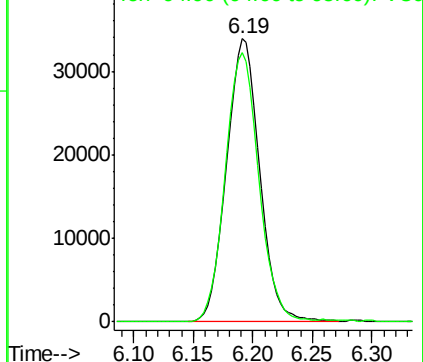


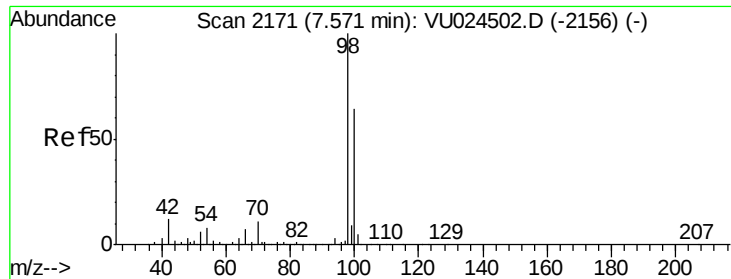
#44
 Trichloroethene
 Concen: 22.003 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU025212.D
 Acq: 05 Jul 2018 13:47

Tgt Ion:130 Resp: 65673
 Ion Ratio Lower Upper
 130 100
 95 95.0 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: 47.069 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

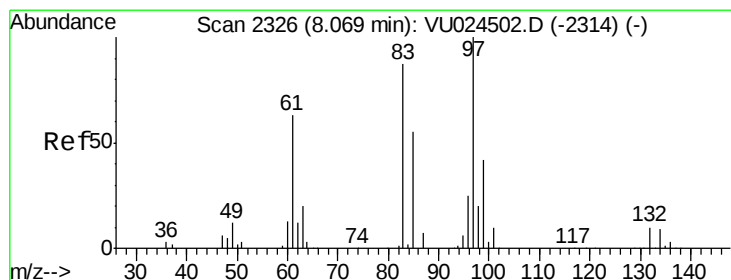
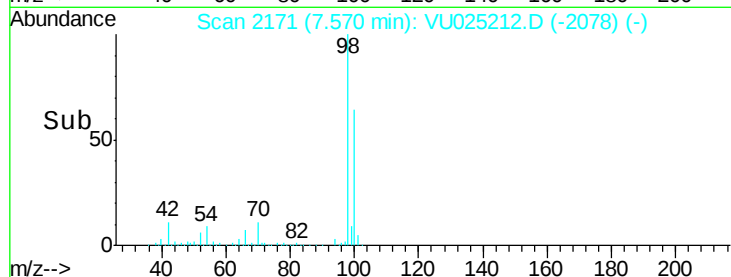
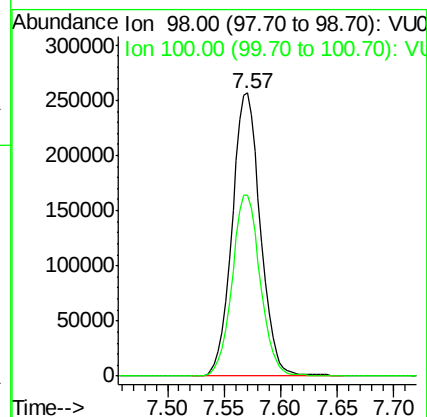
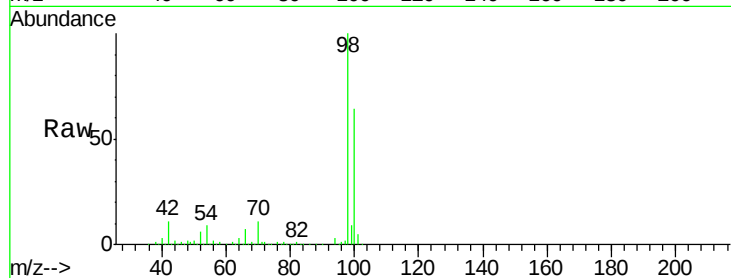
WP021MW463-180627

Tot Ion: 98 Resp: 446307

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#55

1,1,2-Trichloroethane

Concen: 0.520 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Tgt Ion: 97 Resp: 1425

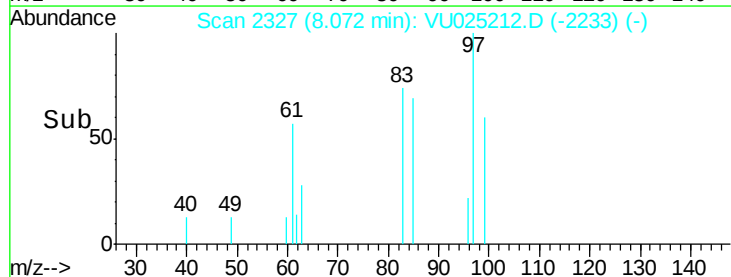
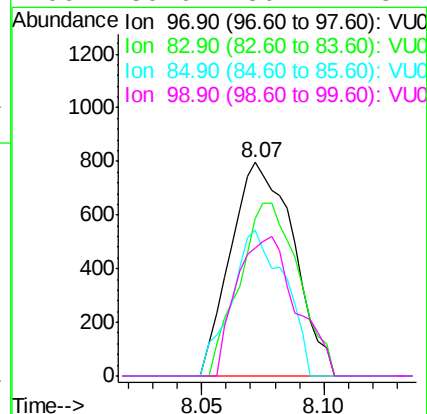
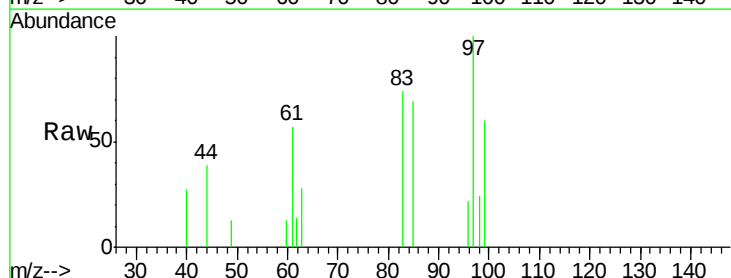
Ion Ratio Lower Upper

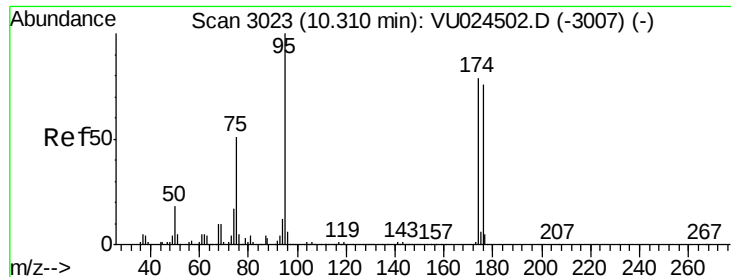
97 100

83 74.0 70.5 105.7

85 68.6 46.4 69.6

99 59.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 43.624 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

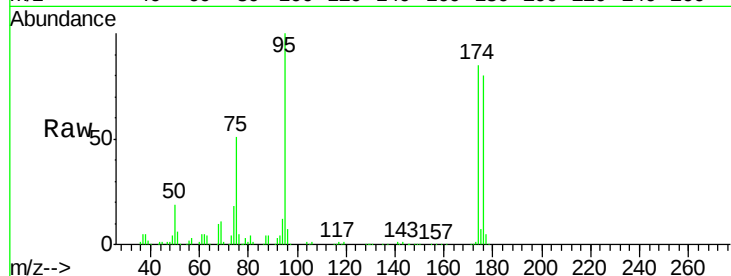
Tot Ion: 95 Resp: 164230

Ion Ratio Lower Upper

95 100

174 84.9 0.0 165.8

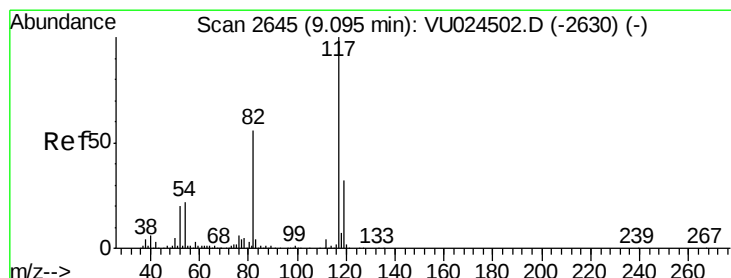
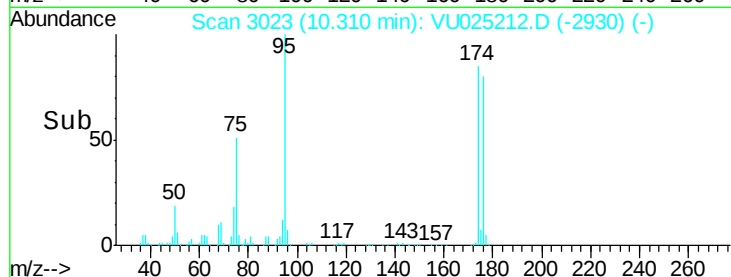
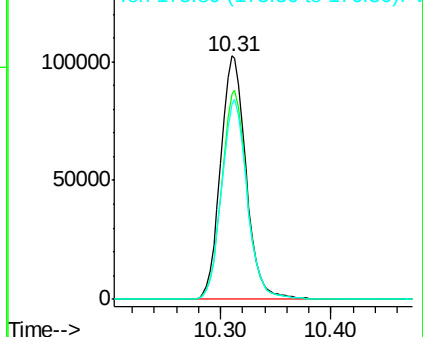
176 82.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025212.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025212.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025212.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

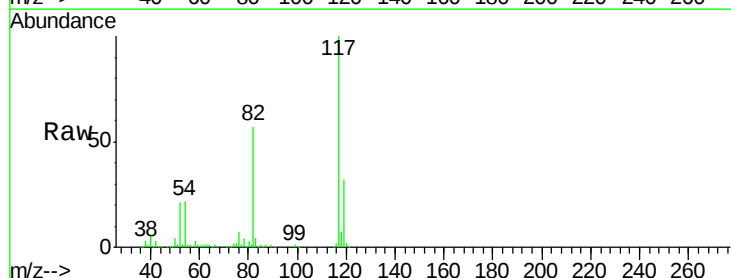
Tgt Ion: 117 Resp: 288071

Ion Ratio Lower Upper

117 100

82 57.4 44.3 66.5

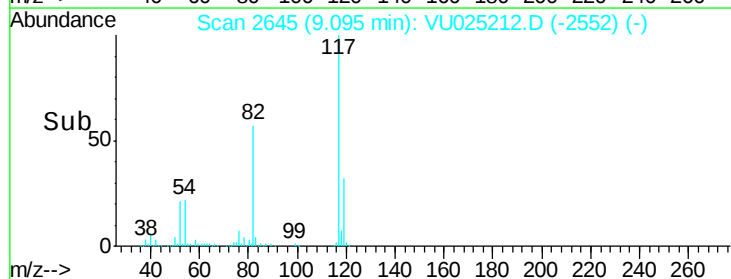
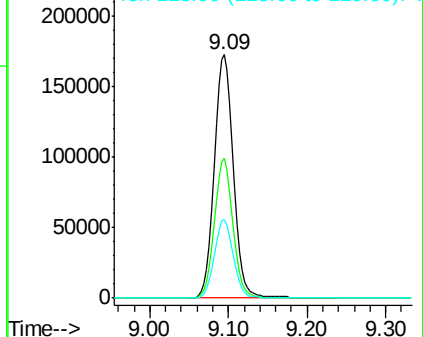
119 32.4 25.4 38.2

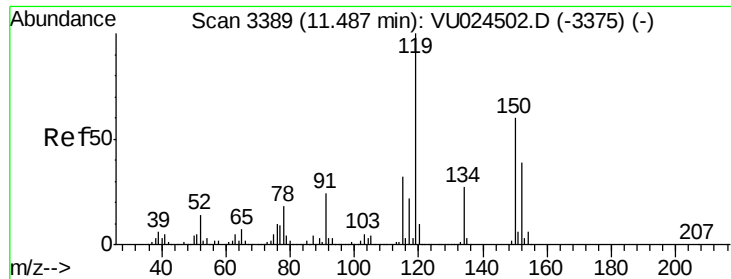


Abundance Ion 116.90 (116.60 to 117.60): VU025212.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025212.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025212.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025212.D

Acq: 05 Jul 2018 13:47

Instrument :

MSVOA_U

ClientSampleId :

WP021MW463-180627

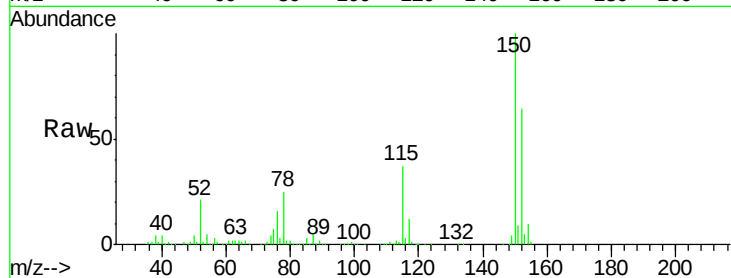
Tot Ion:152 Resp: 147596

Ion Ratio Lower Upper

152 100

115 57.7 43.0 129.0

150 156.1 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

