

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024860.D
 Acq On : 23 Jun 2018 02:42
 Operator : MD/SY
 Sample : J3668-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW351-180621

Quant Time: Jun 23 04:54:36 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

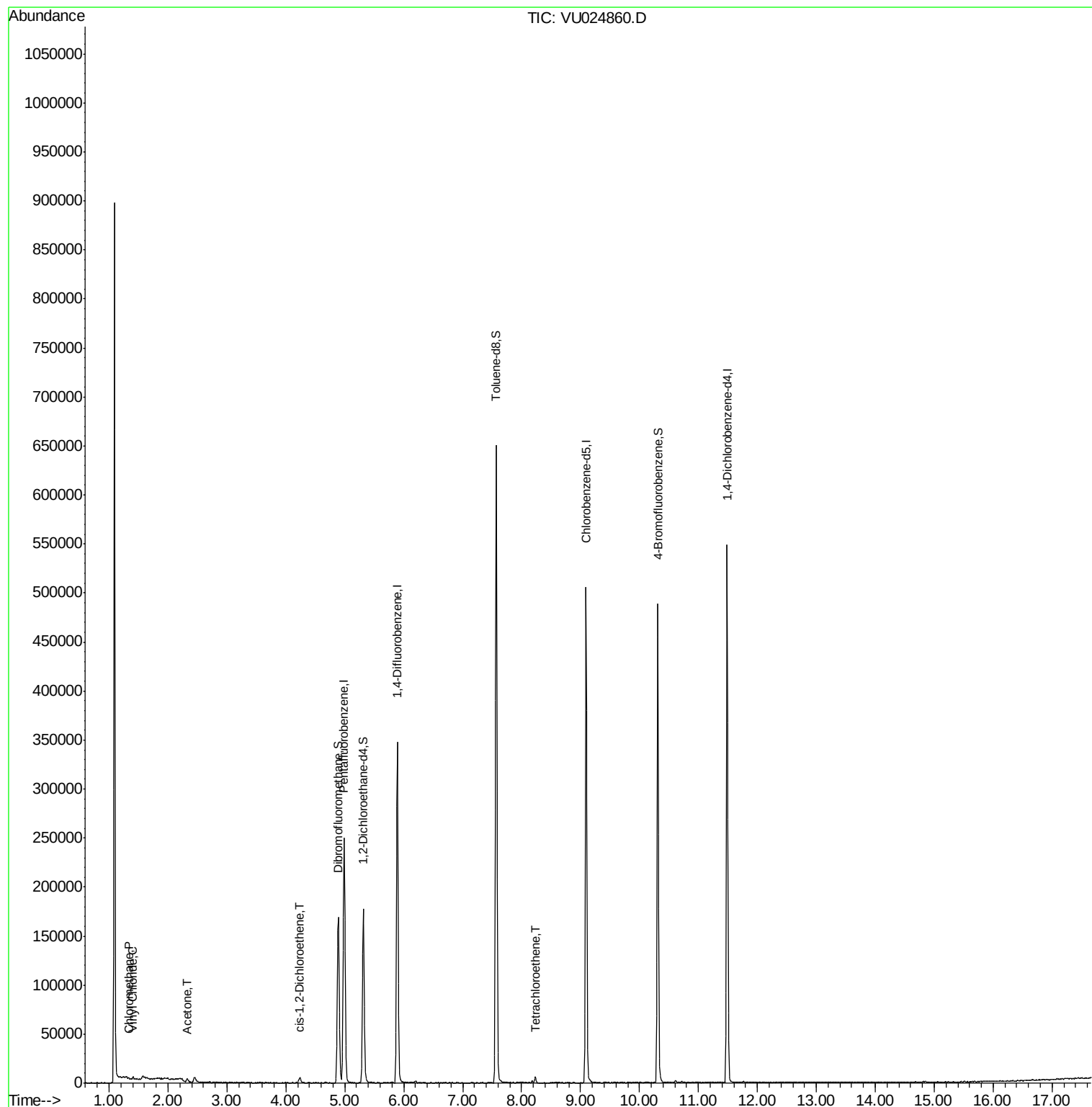
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293026	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	140310	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
35) Dibromofluoromethane	4.89	113	112514	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	7.57	98	426456	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	10.31	95	155107	44.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.08%	
Target Compounds						
3) Chloromethane	1.33	50	1001	0.41	ug/l	92
4) Vinyl Chloride	1.40	62	1119	0.44	ug/l #	87
16) Acetone	2.33	43	3948	2.34	ug/l	100
27) cis-1,2-Dichloroethene	4.24	96	3511	1.27	ug/l	81
64) Tetrachloroethene	8.24	164	1251	0.48	ug/l #	85

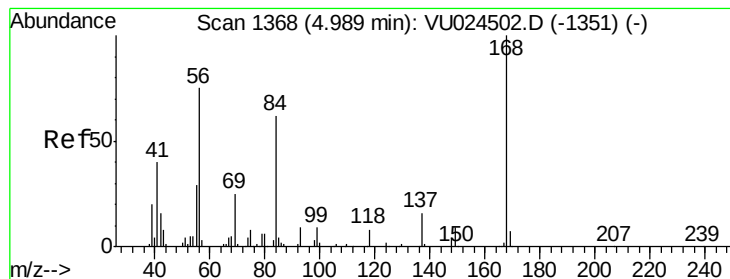
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024860.D

Acq: 23 Jun 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

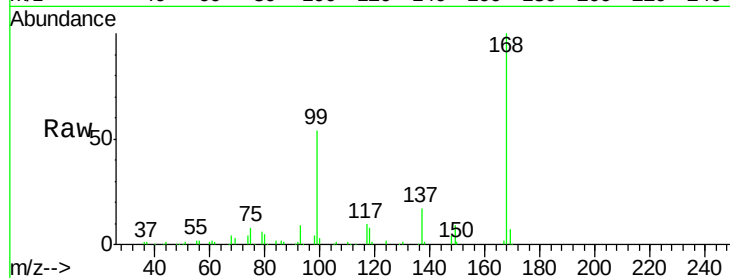
WP021MW351-180621

Tot Ion:168 Resp: 192466

Ion Ratio Lower Upper

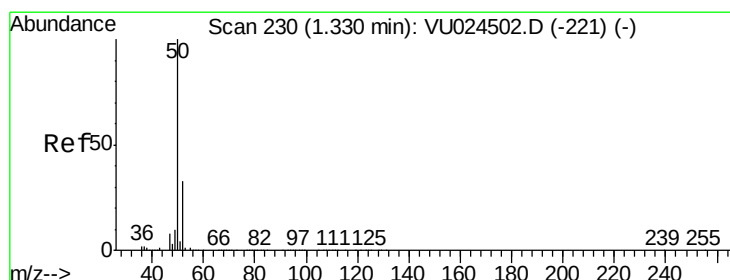
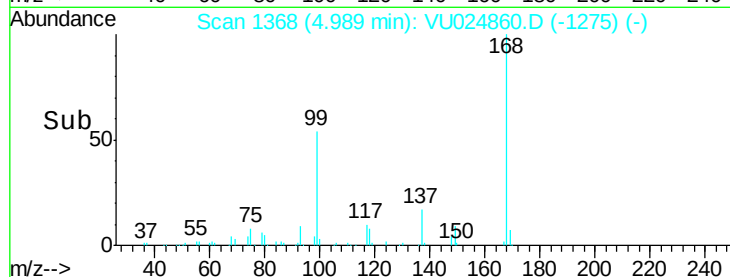
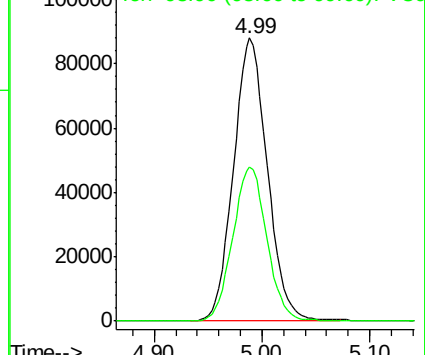
168 100

99 54.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024860.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024860.D (-1275) (-)



#3

Chloromethane

Concen: 0.41 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024860.D

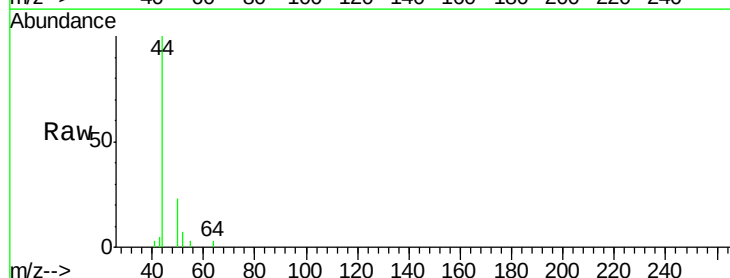
Acq: 23 Jun 2018 02:42

Tgt Ion: 50 Resp: 1001

Ion Ratio Lower Upper

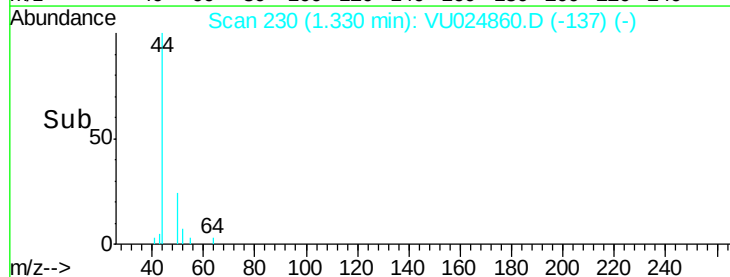
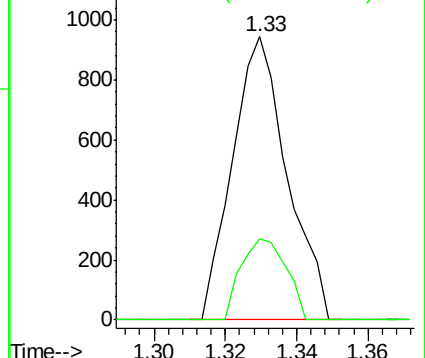
50 100

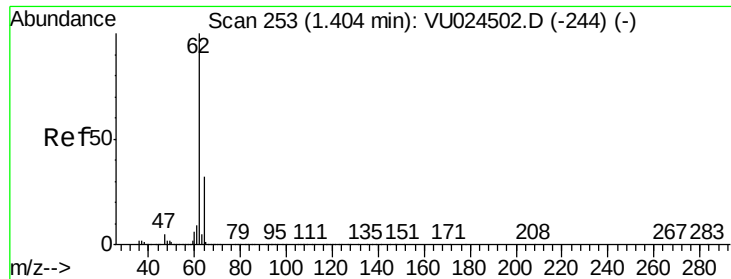
52 28.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024860.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU024860.D (-137) (-)





#4

Vinyl Chloride

Concen: 0.44 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024860.D

Acq: 23 Jun 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

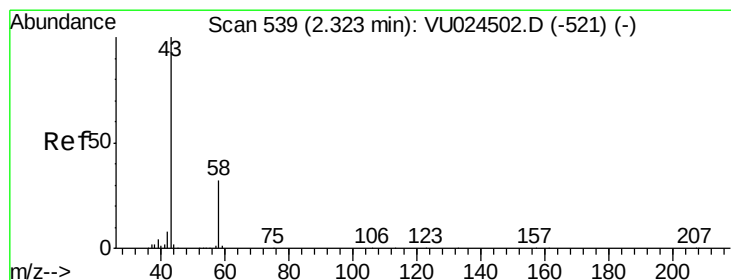
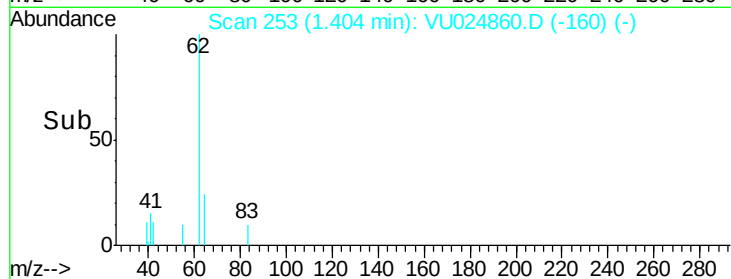
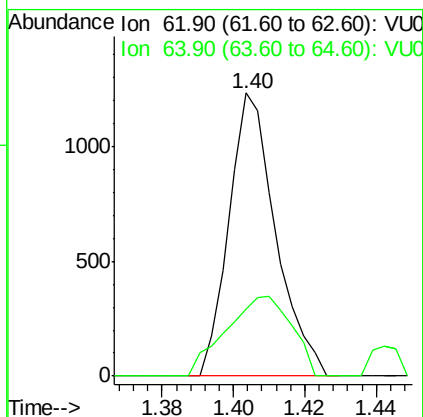
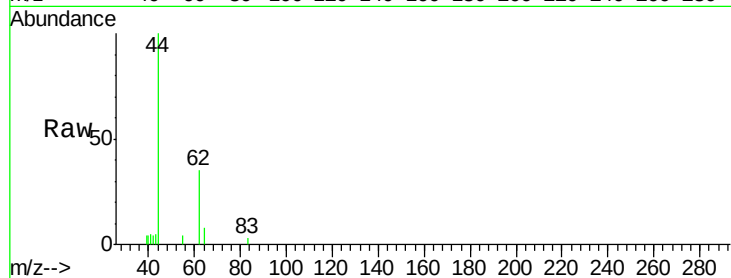
WP021MW351-180621

Tot Ion: 62 Resp: 1119

Ion Ratio Lower Upper

62 100

64 23.8 24.8 37.2#



#16

Acetone

Concen: 2.34 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024860.D

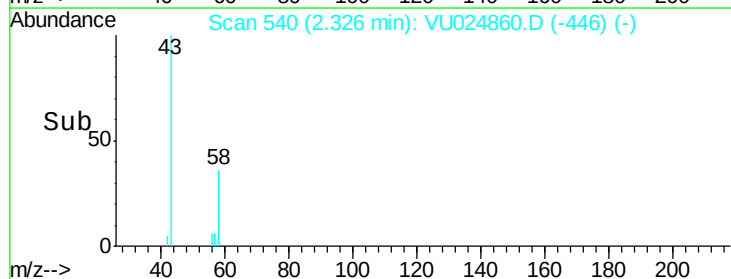
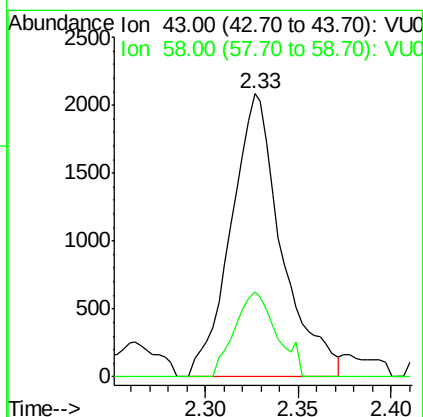
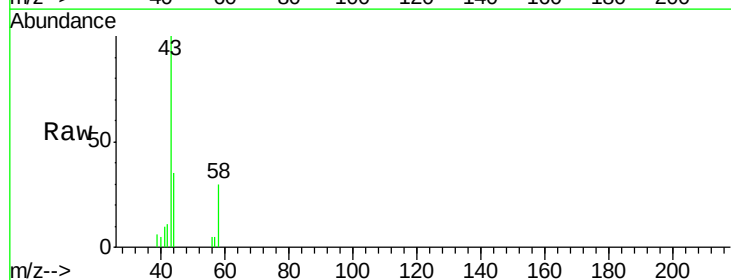
Acq: 23 Jun 2018 02:42

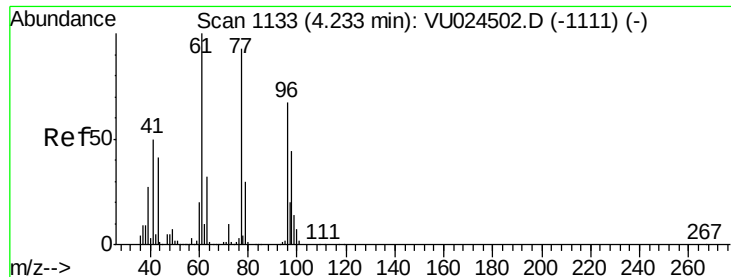
Tgt Ion: 43 Resp: 3948

Ion Ratio Lower Upper

43 100

58 30.2 24.4 36.6





#27

cis-1,2-Dichloroethene

Concen: 1.27 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024860.D

Acq: 23 Jun 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

WP021MW351-180621

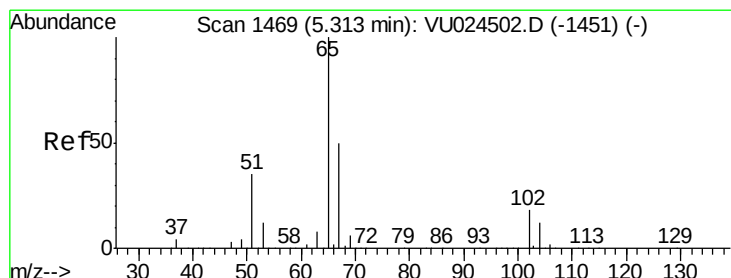
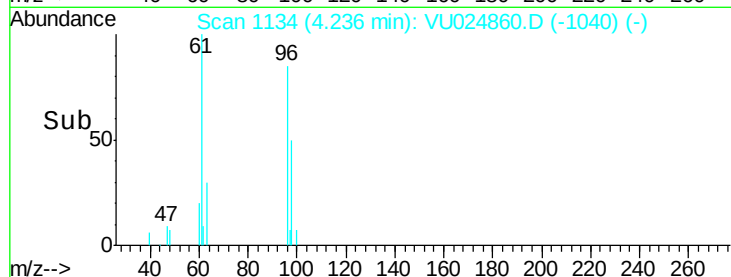
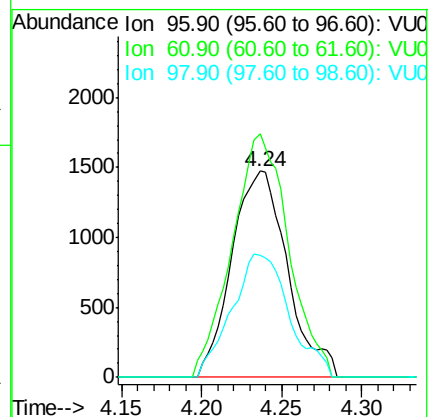
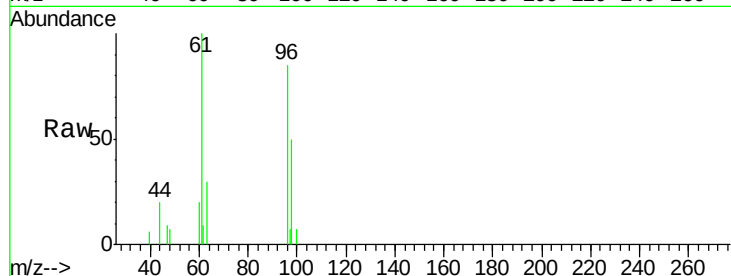
Tot Ion: 96 Resp: 3511

Ion Ratio Lower Upper

96 100

61 119.6 0.0 306.6

98 61.9 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 44.66 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024860.D

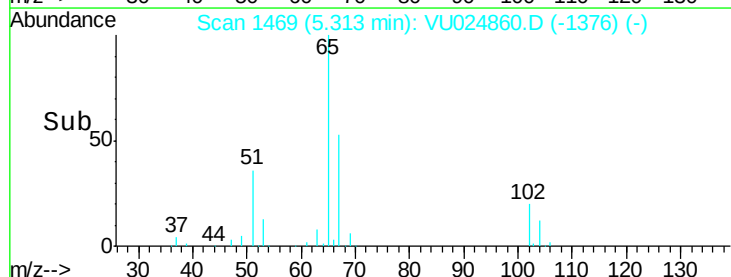
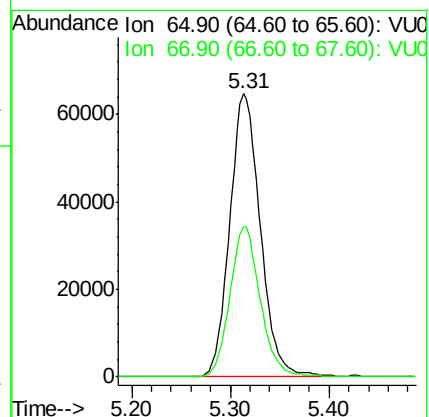
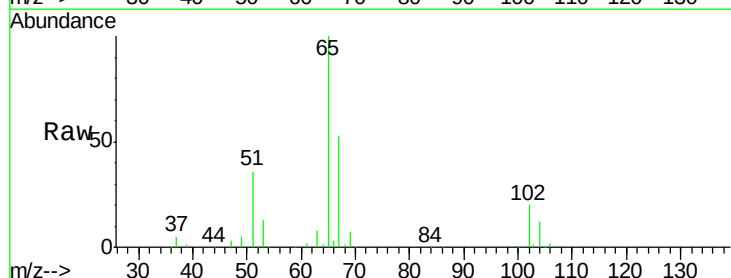
Acq: 23 Jun 2018 02:42

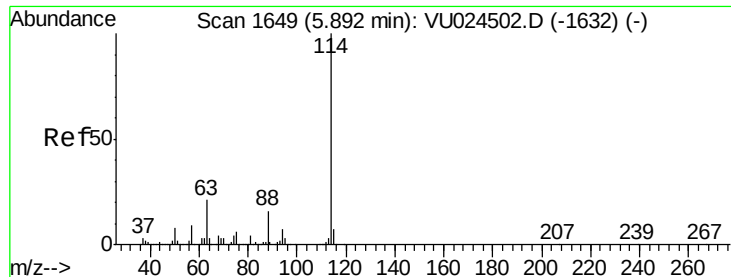
Tgt Ion: 65 Resp: 140310

Ion Ratio Lower Upper

65 100

67 52.7 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: VU024860.D

Acq: 23 Jun 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

WP021MW351-180621

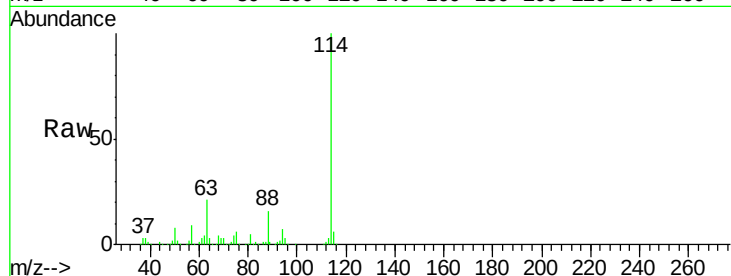
Tot Ion:114 Resp: 293026

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

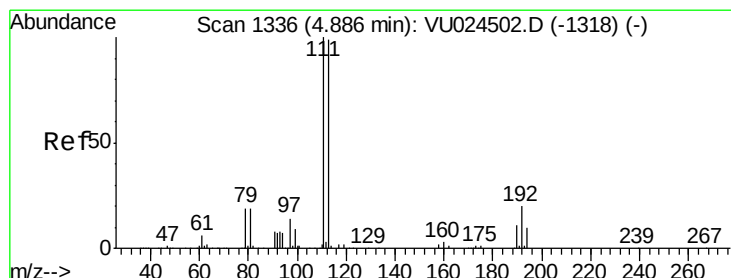
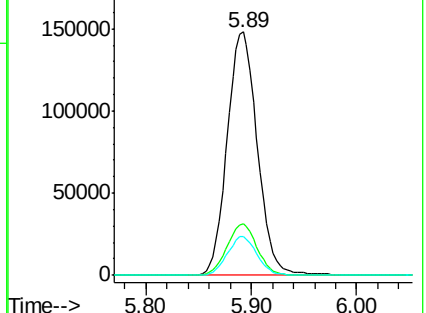
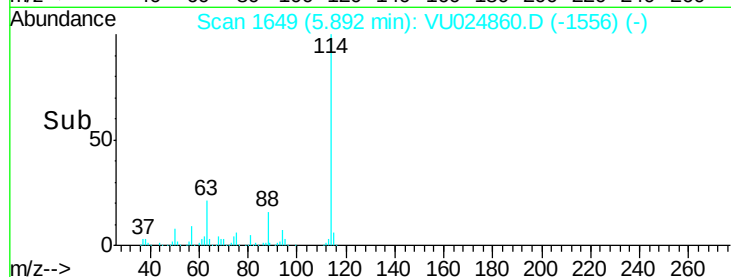
88 16.0 0.0 31.0



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: 46.27 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024860.D

Acq: 23 Jun 2018 02:42

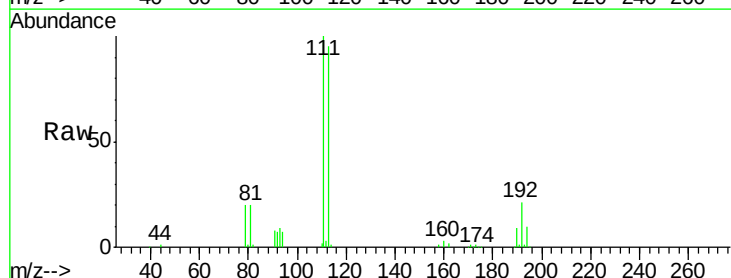
Tgt Ion:113 Resp: 112514

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

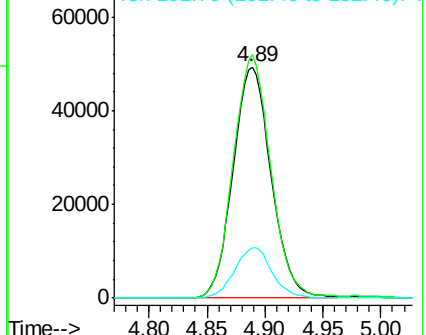
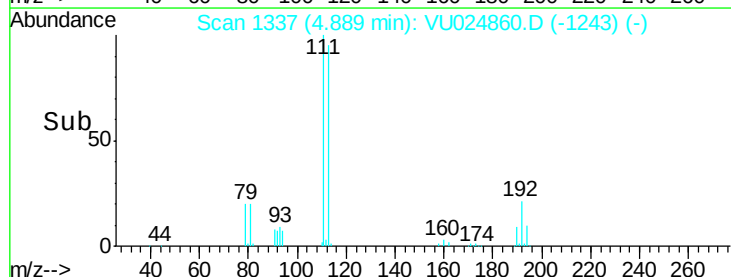
192 21.4 16.2 24.4

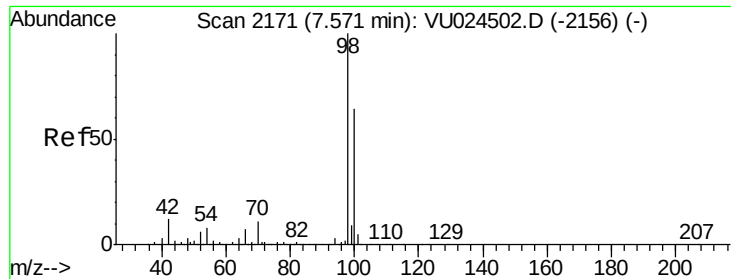


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.08 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024860.D

Acq: 23 Jun 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

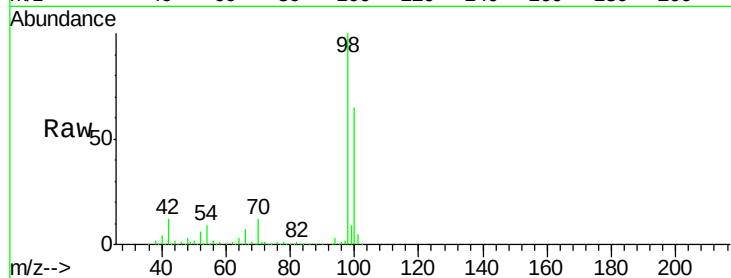
WP021MW351-180621

Tot Ion: 98 Resp: 426456

Ion Ratio Lower Upper

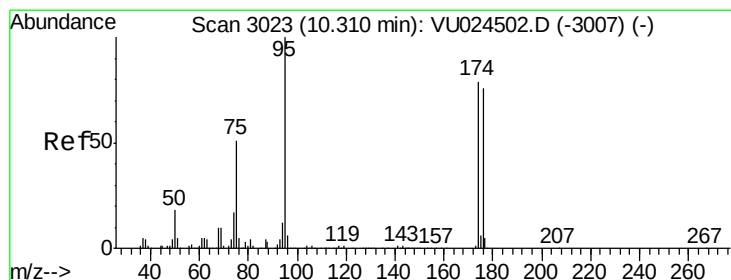
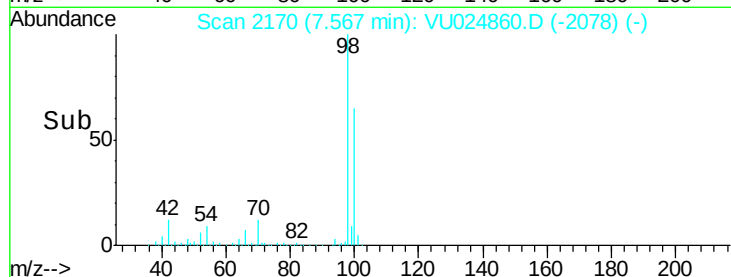
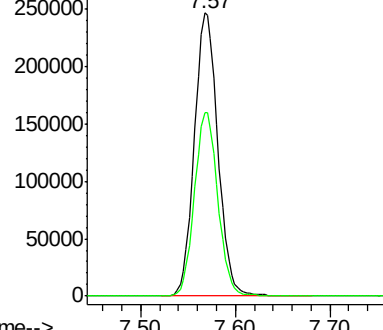
98 100

100 64.7 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: 44.04 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024860.D

Acq: 23 Jun 2018 02:42

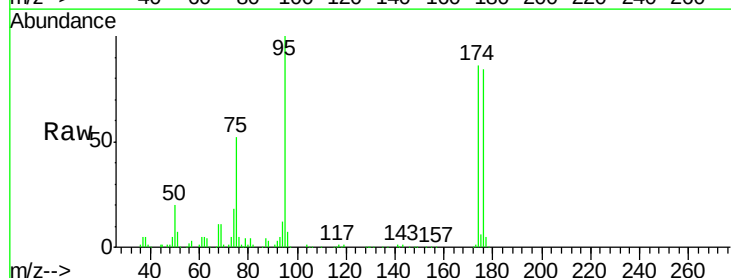
Tgt Ion: 95 Resp: 155107

Ion Ratio Lower Upper

95 100

174 85.6 0.0 165.8

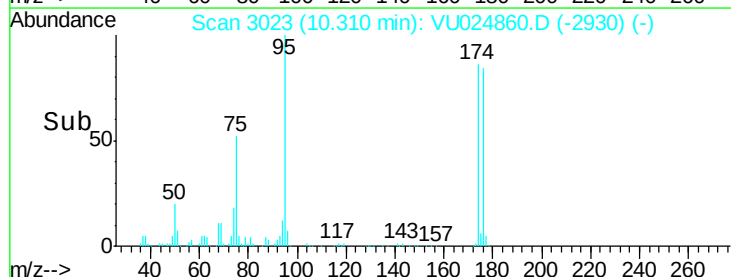
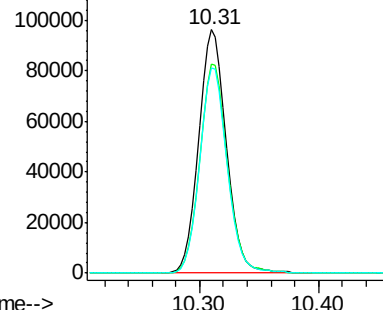
176 83.7 0.0 159.4

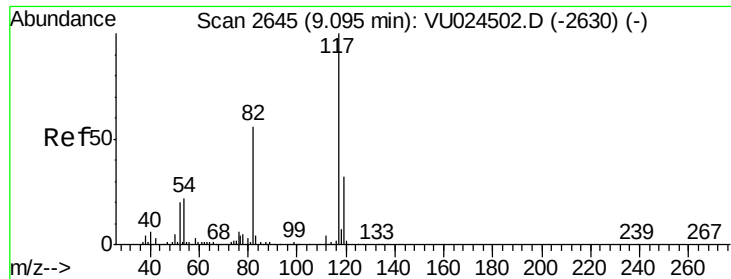


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

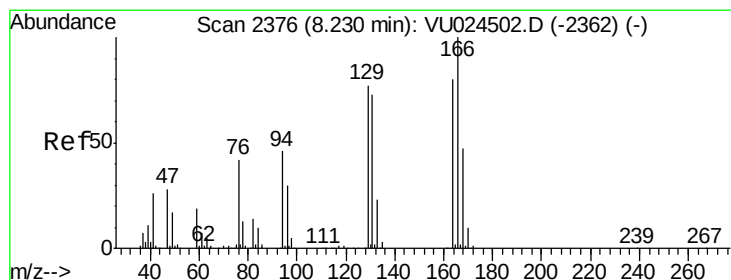
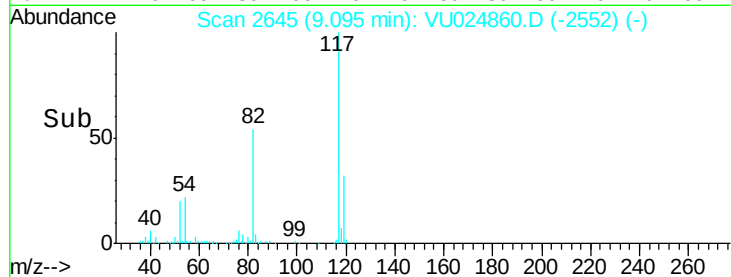
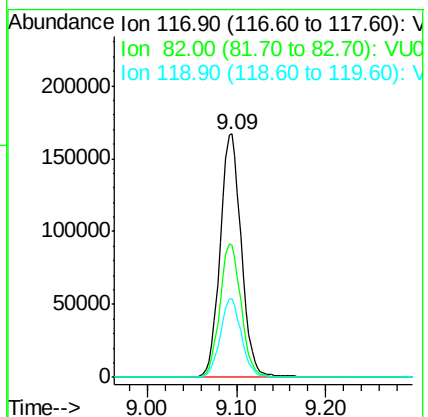
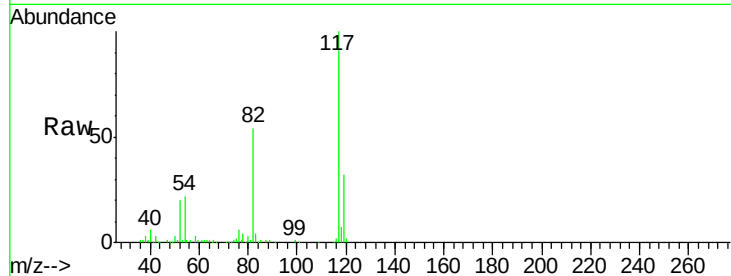




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024860.D
Acq: 23 Jun 2018 02:42

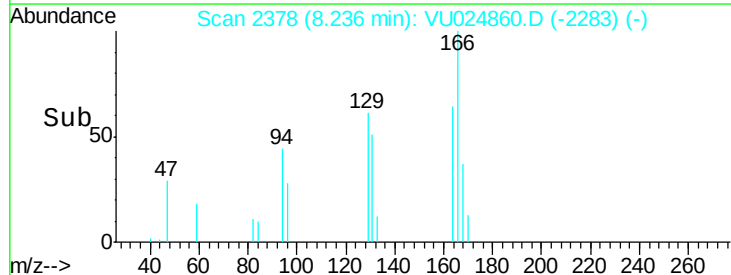
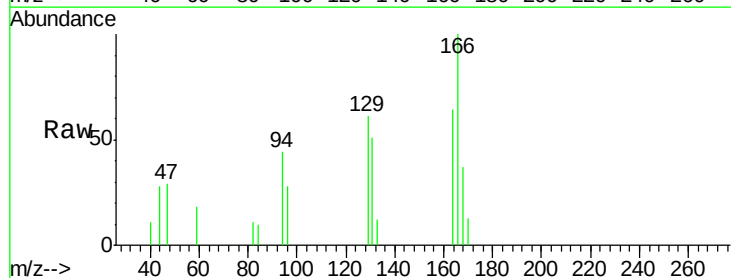
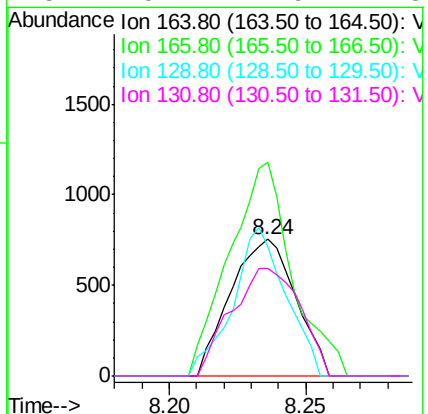
Instrument :
MSVOA_U
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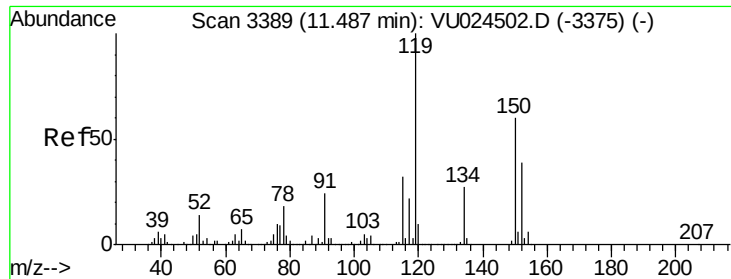
Tot Ion:117 Resp: 275226
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.48 ug/l
RT: 8.24 min Scan# 2378
Delta R.T. 0.01 min
Lab File: VU024860.D
Acq: 23 Jun 2018 02:42

Tgt Ion:164 Resp: 1251
Ion Ratio Lower Upper
164 100
166 156.6 101.7 152.5#
129 95.1 76.9 115.3
131 79.2 74.9 112.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024860.D

Acq: 23 Jun 2018 02:42

Instrument :

MSVOA_U

ClientSampleId :

WP021MW351-180621

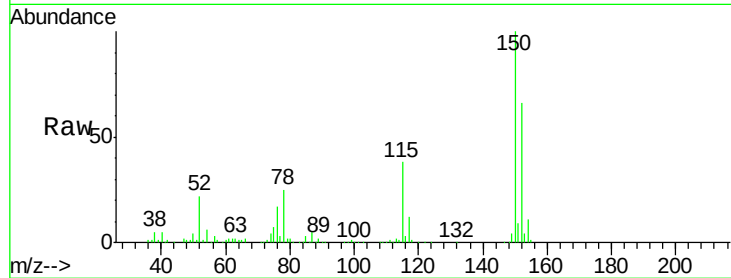
Tot Ion:152 Resp: 145819

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

150 154.3 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

