

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024877.D
 Acq On : 25 Jun 2018 16:08
 Operator : MD/SY
 Sample : J3662-09DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW346-180619DL

Quant Time: Jun 26 07:28:27 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

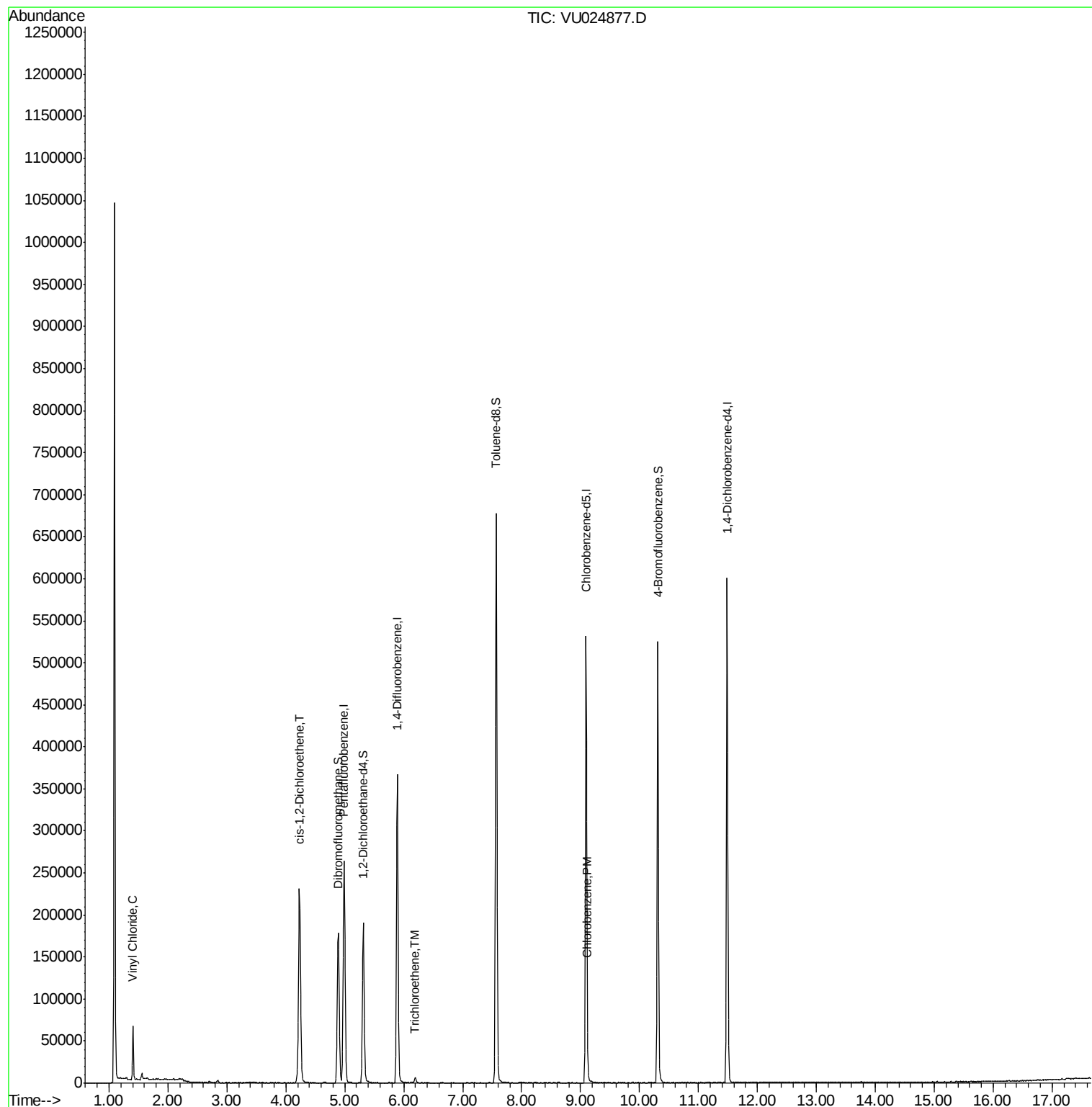
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	201870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309636	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	150471	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
35) Dibromofluoromethane	4.89	113	120105	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	7.57	98	451798	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	10.31	95	166461	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
Target Compounds						
4) Vinyl Chloride	1.40	62	39400	14.80	ug/l	Qvalue 100
27) cis-1,2-Dichloroethene	4.23	96	129744	44.58	ug/l	89
44) Trichloroethene	6.19	130	2330	0.79	ug/l	79
65) Chlorobenzene	9.12	112	3728	0.51	ug/l	94

(#) = 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: VU024877.D

Acq: 25 Jun 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

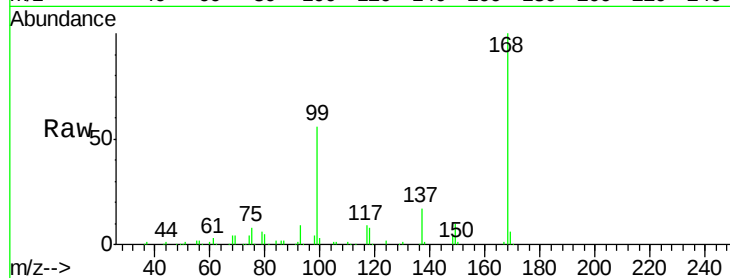
WP021MW346-180619DL

Tot Ion:168 Resp: 201870

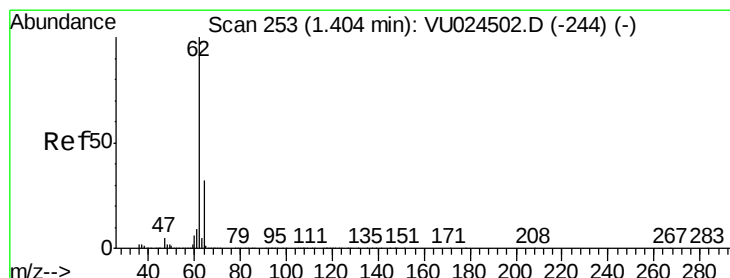
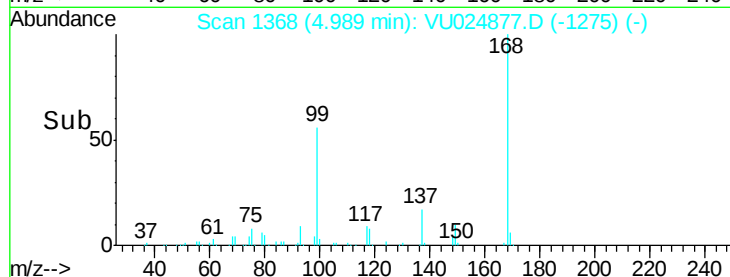
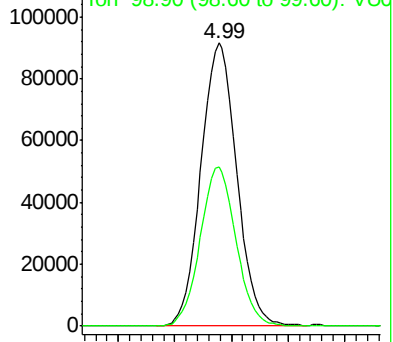
Ion Ratio Lower Upper

168 100

99 56.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024877.D (-1275) (-)



#4

Vinyl Chloride

Concen: 14.80 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024877.D

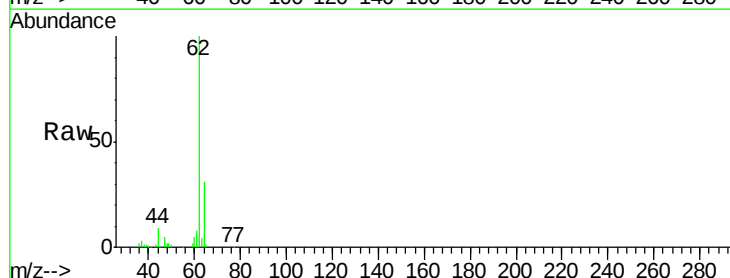
Acq: 25 Jun 2018 16:08

Tgt Ion: 62 Resp: 39400

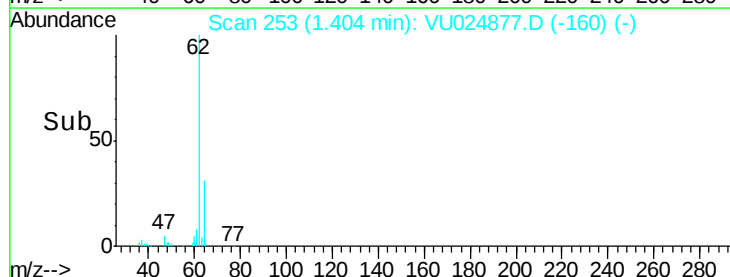
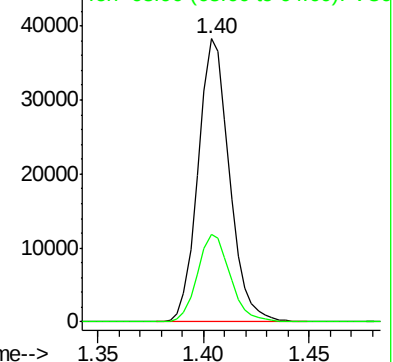
Ion Ratio Lower Upper

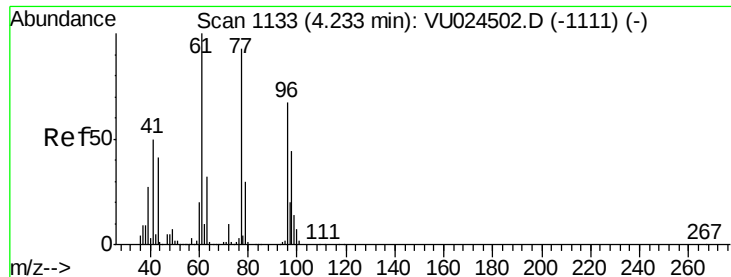
62 100

64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024877.D (-160) (-)





#27

cis-1,2-Dichloroethene

Concen: 44.58 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

WP021MW346-180619DL

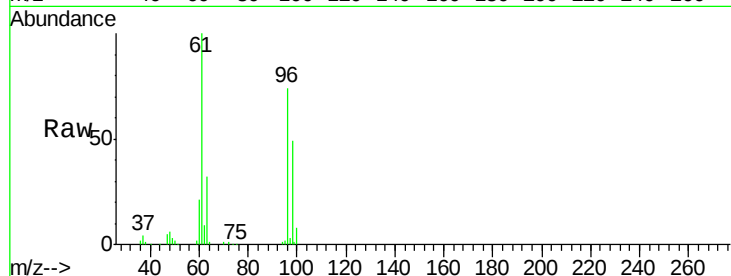
Tot Ion: 96 Resp: 129744

Ion Ratio Lower Upper

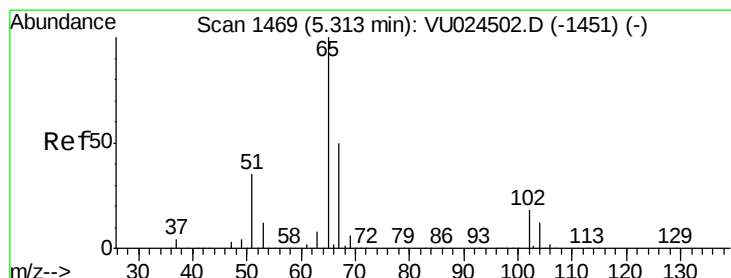
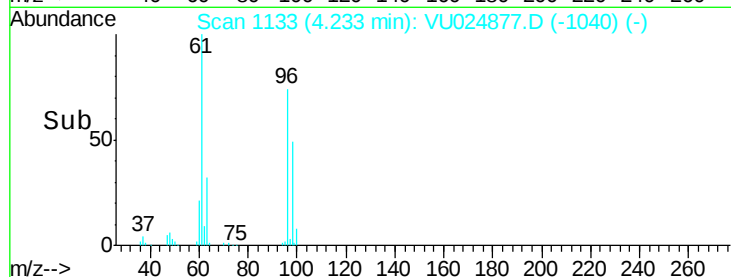
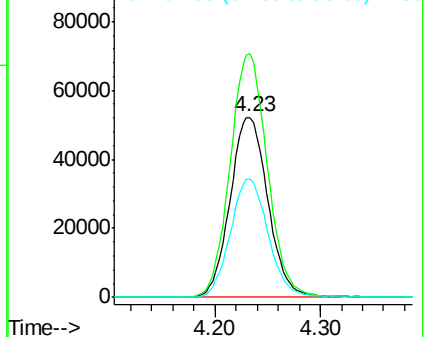
96 100

61 133.7 0.0 306.6

98 65.6 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: VU024877.D

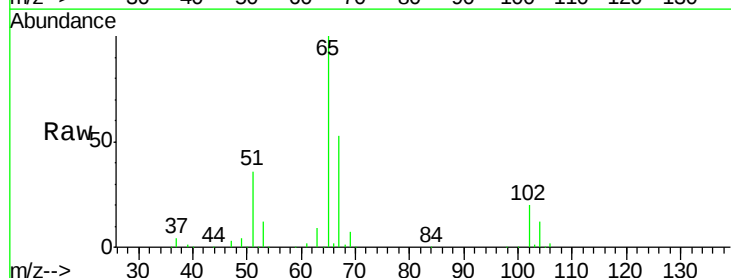
Acq: 25 Jun 2018 16:08

Tgt Ion: 65 Resp: 150471

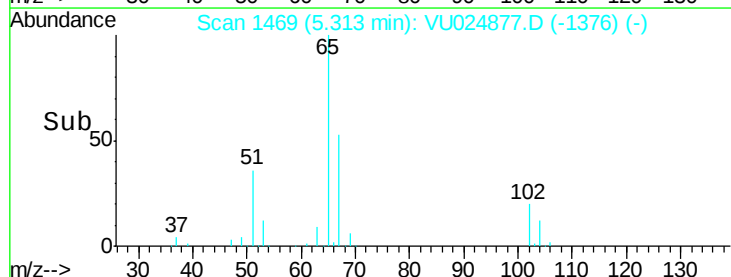
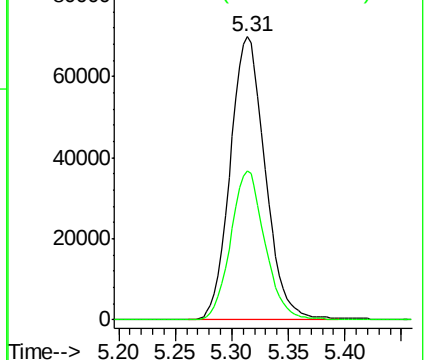
Ion Ratio Lower Upper

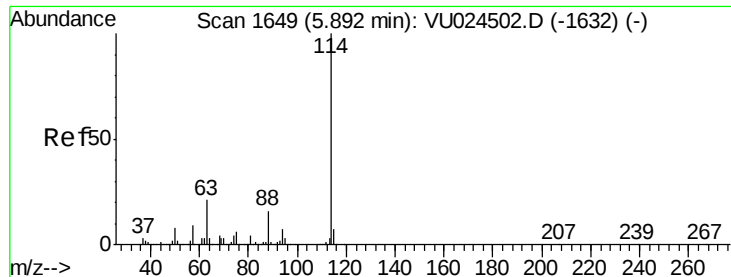
65 100

67 51.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

WP021MW346-180619DL

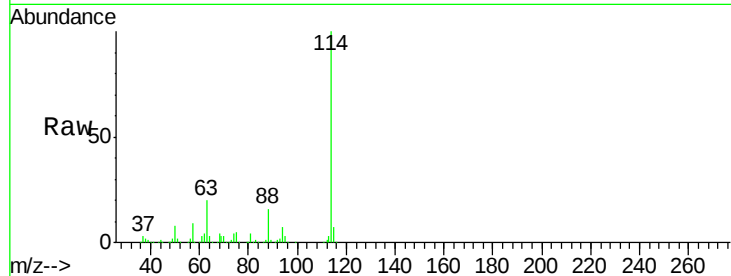
Tot Ion:114 Resp: 309636

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

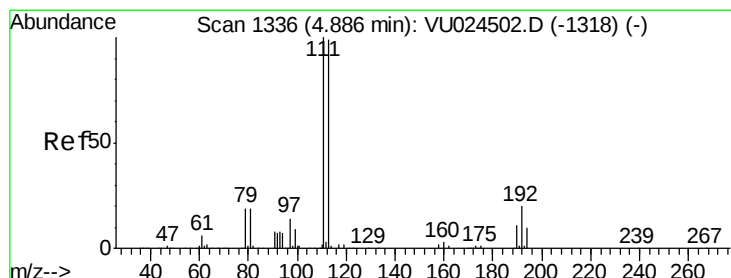
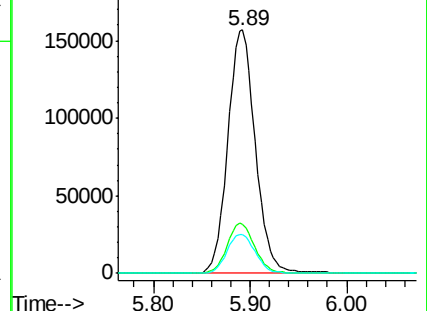
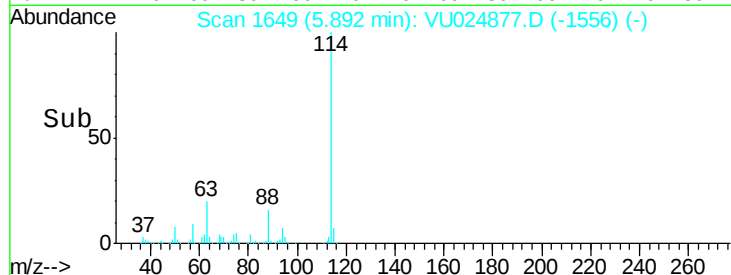
88 15.9 0.0 31.0



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: 46.74 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

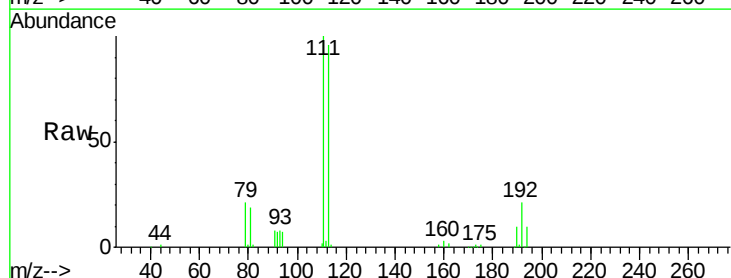
Tgt Ion:113 Resp: 120105

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

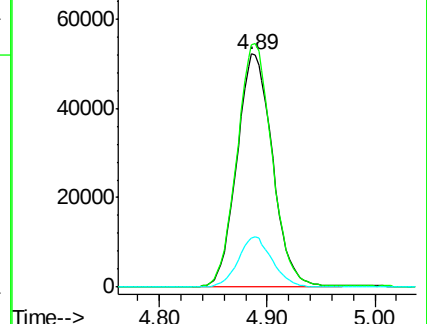
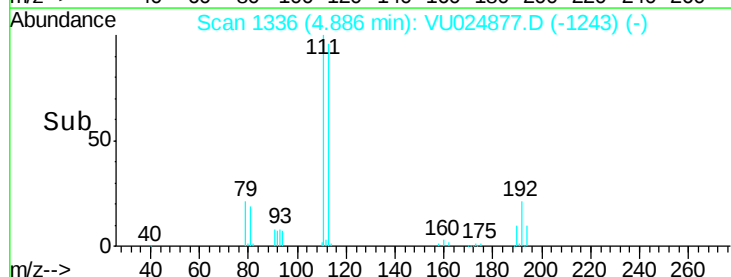
192 20.6 16.2 24.4

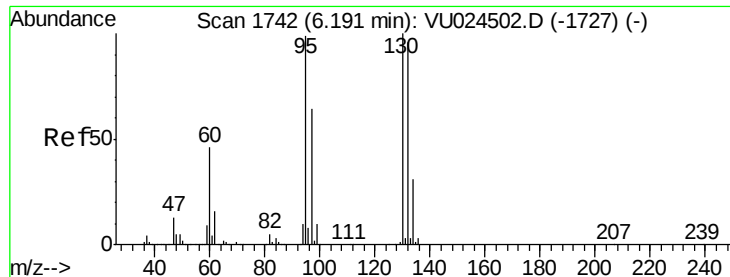


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.79 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

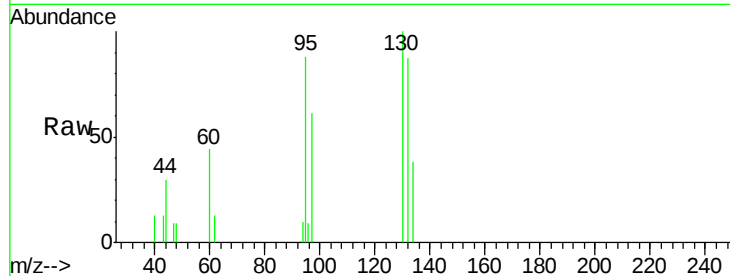
WP021MW346-180619DL

Tot Ion:130 Resp: 2330

Ion Ratio Lower Upper

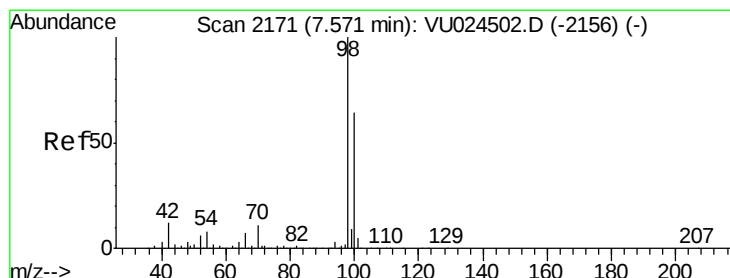
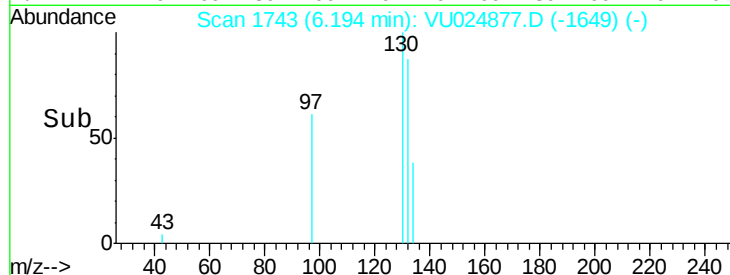
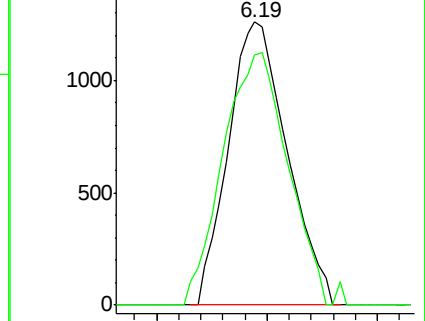
130 100

95 80.2 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: 48.20 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024877.D

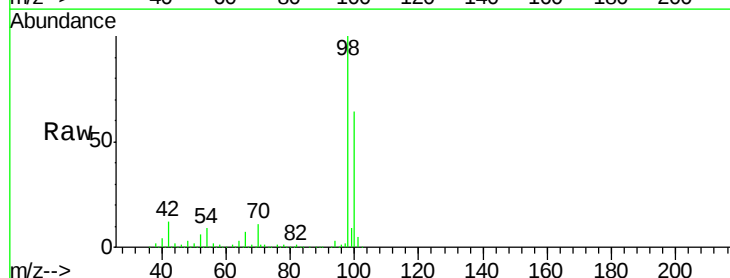
Acq: 25 Jun 2018 16:08

Tgt Ion: 98 Resp: 451798

Ion Ratio Lower Upper

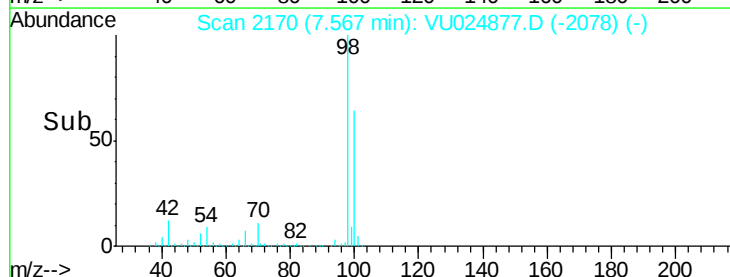
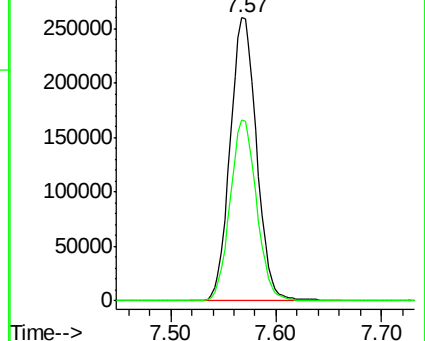
98 100

100 63.6 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: 44.73 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

WP021MW346-180619DL

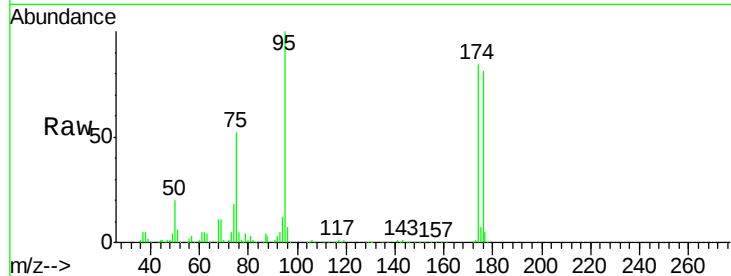
Tot Ion: 95 Resp: 166461

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

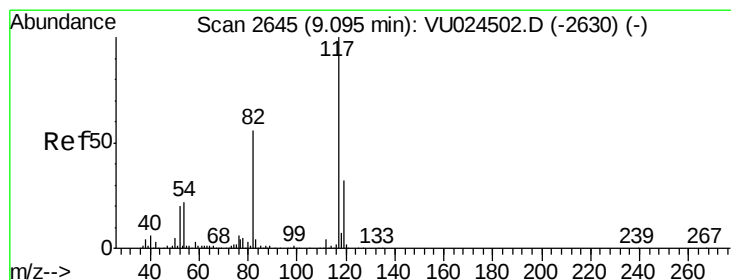
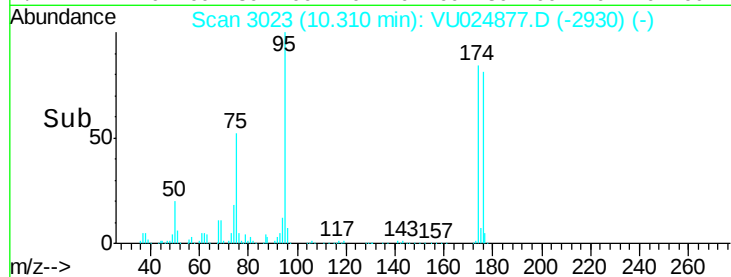
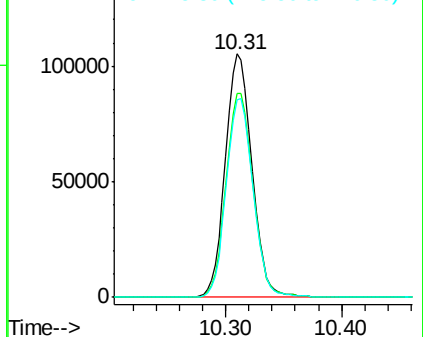
176 82.3 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024877.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024877.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024877.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

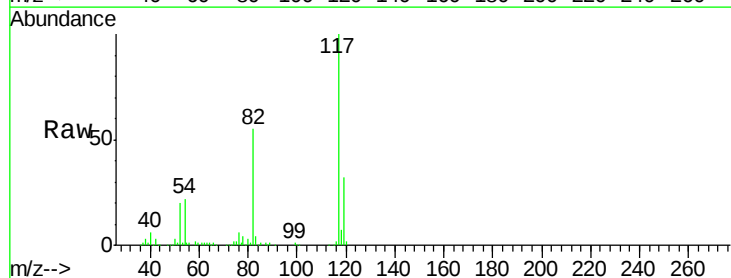
Tgt Ion: 117 Resp: 287432

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

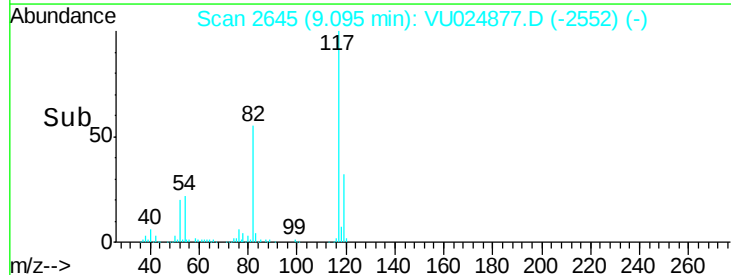
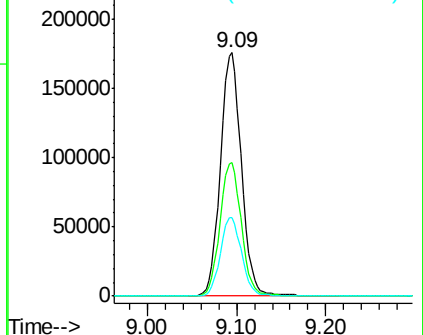
119 32.3 25.4 38.2

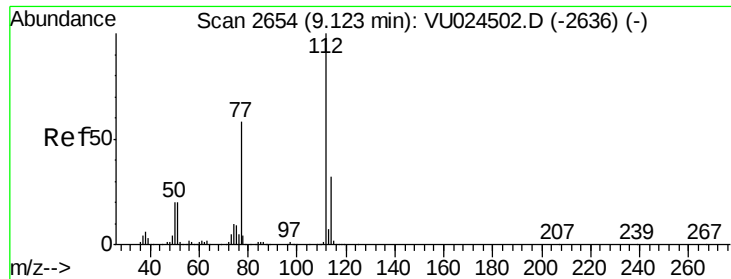


Abundance Ion 116.90 (116.60 to 117.60): VU024877.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024877.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024877.D (-2552) (-)





#65

Chlorobenzene

Concen: 0.51 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

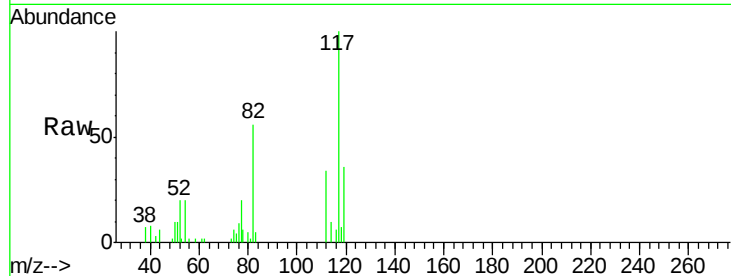
WP021MW346-180619DL

Tot Ion:112 Resp: 3728

Ion Ratio Lower Upper

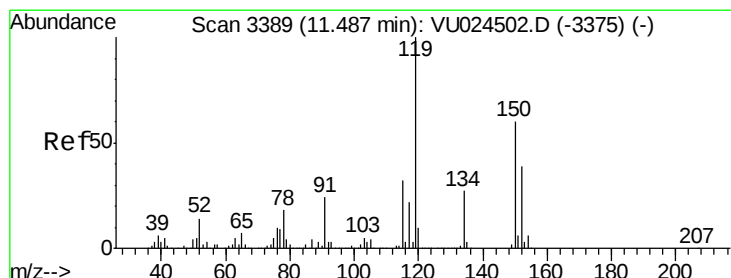
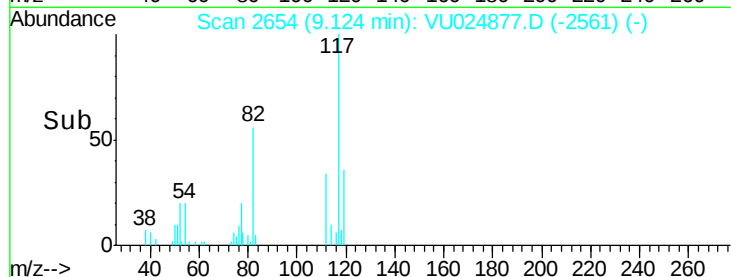
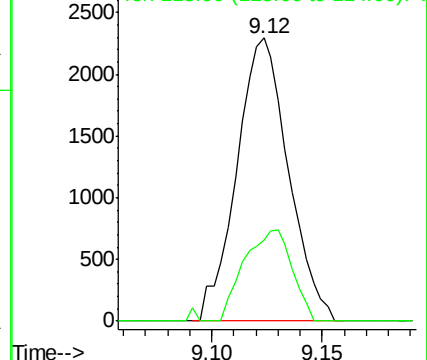
112 100

114 28.7 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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024877.D

Acq: 25 Jun 2018 16:08

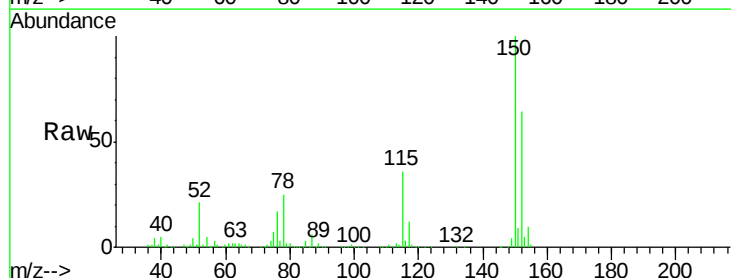
Tgt Ion:152 Resp: 155334

Ion Ratio Lower Upper

152 100

115 57.8 43.0 129.0

150 157.3 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

