

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025245.D
 Acq On : 06 Jul 2018 17:16
 Operator : MD/SY
 Sample : J3808-15DL2 1000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW465-180628DL2

Quant Time: Jul 06 23:47:17 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

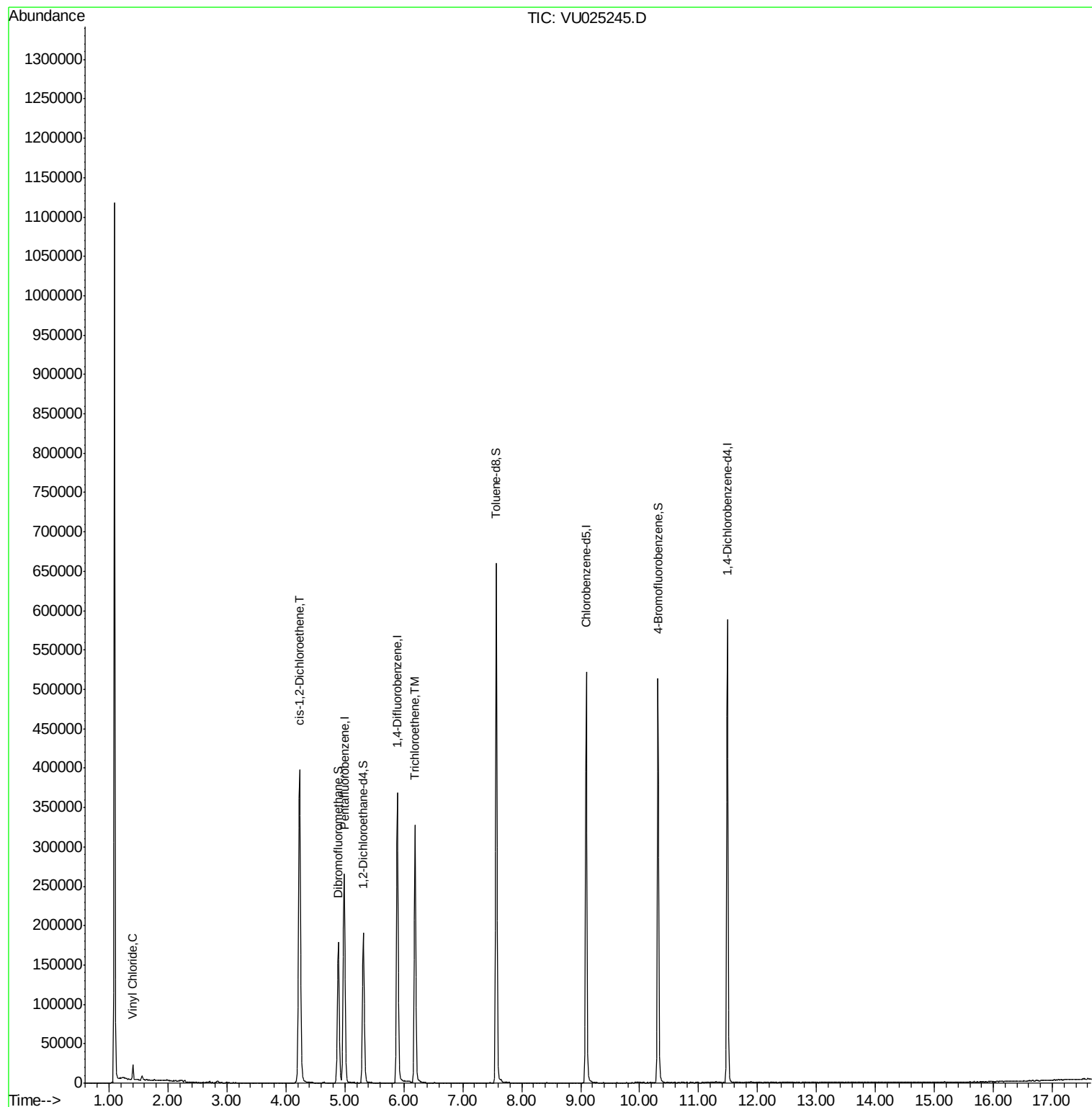
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305815	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	155547	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	4.89	113	120655	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	7.57	98	442992	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	10.31	95	167419	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
4) Vinyl Chloride	1.40	62	11660	4.271	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	225276	75.477	ug/l	87
44) Trichloroethene	6.19	130	114707	39.361	ug/l	92

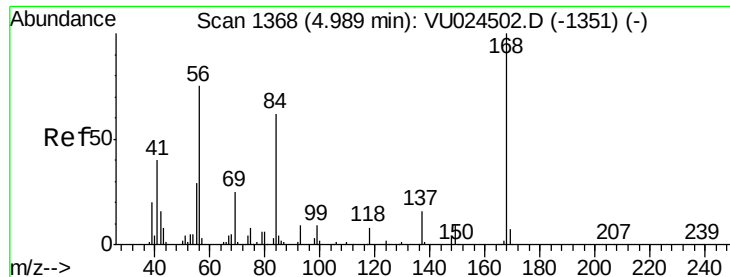
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025245.D

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Instrument :

MSVOA_U

ClientSampleId :

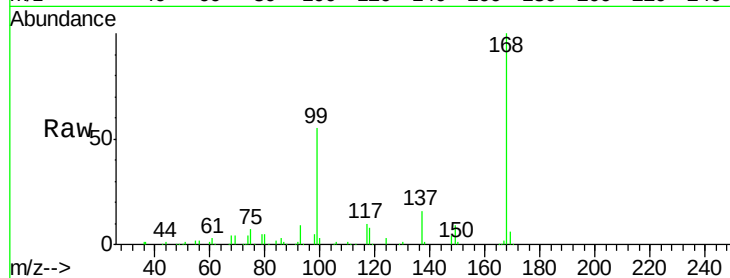
WP021IW465-180628DL2

Tot Ion:168 Resp: 207014

Ion Ratio Lower Upper

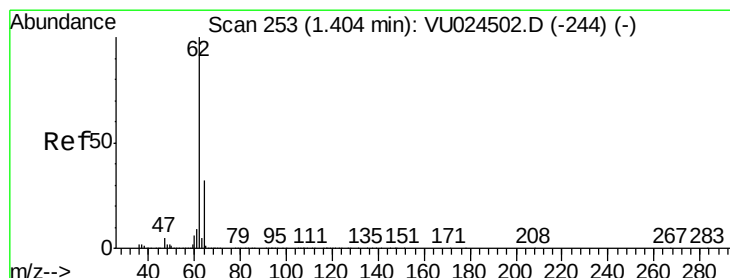
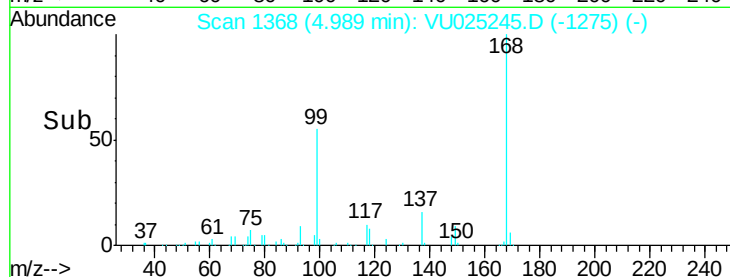
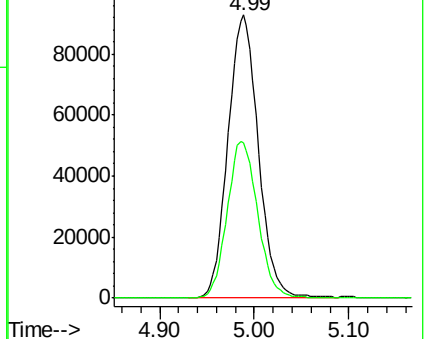
168 100

99 54.8 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: 4.271 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025245.D

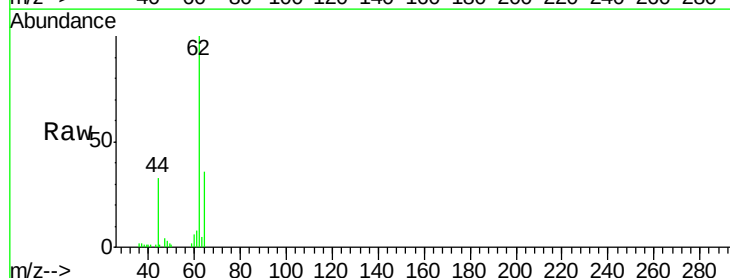
Acq: 06 Jul 2018 17:16

Tgt Ion: 62 Resp: 11660

Ion Ratio Lower Upper

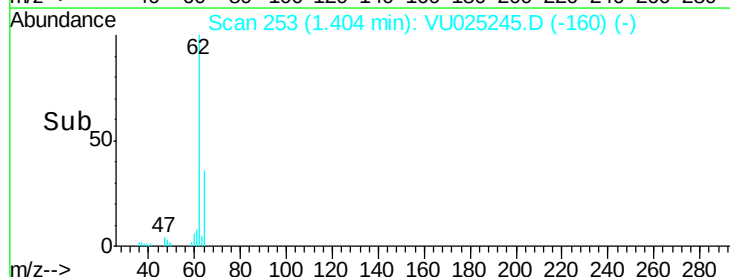
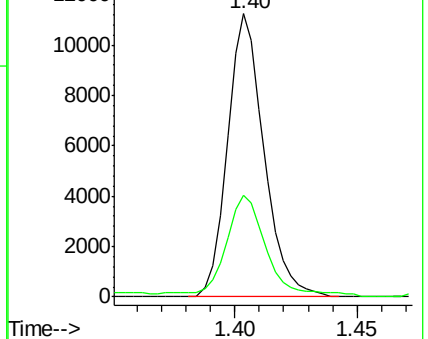
62 100

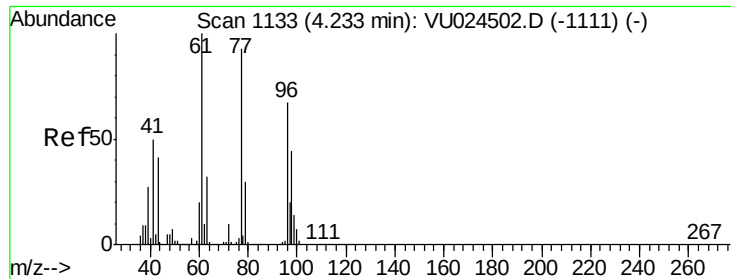
64 34.7 24.8 37.2



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: 75.477 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025245.D

Acq: 06 Jul 2018 17:16

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628DL2

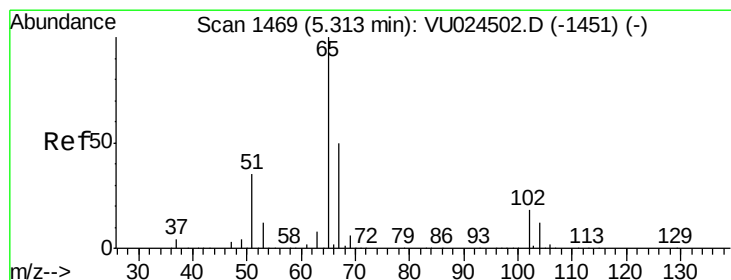
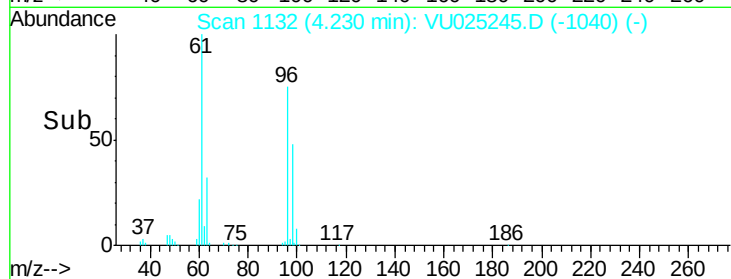
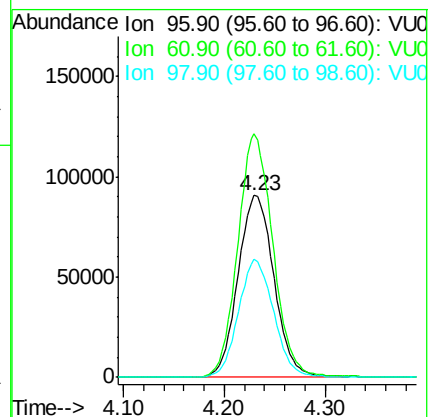
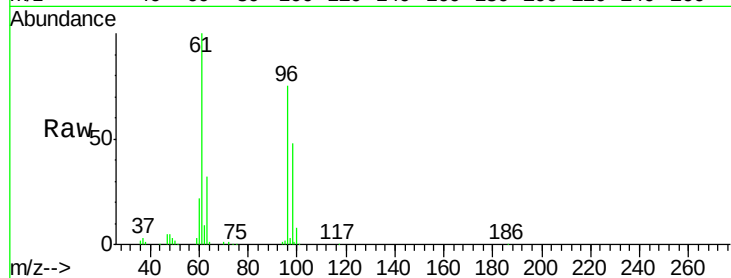
Tot Ion: 96 Resp: 225276

Ion Ratio Lower Upper

96 100

61 130.6 0.0 306.6

98 63.3 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.026 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025245.D

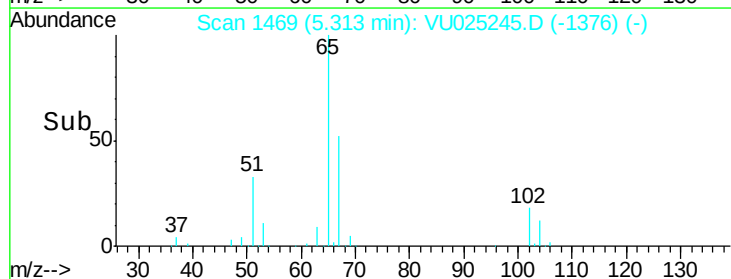
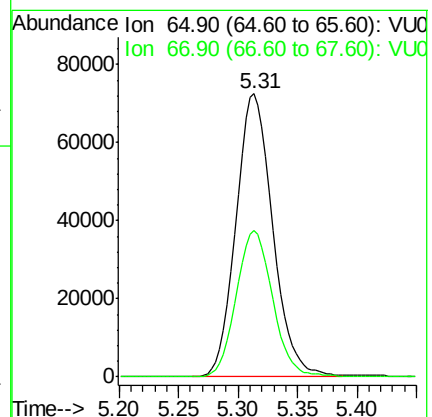
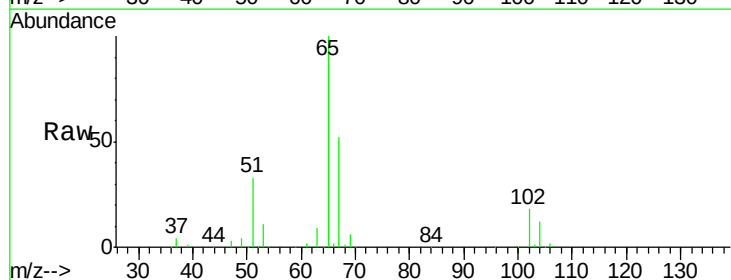
Acq: 06 Jul 2018 17:16

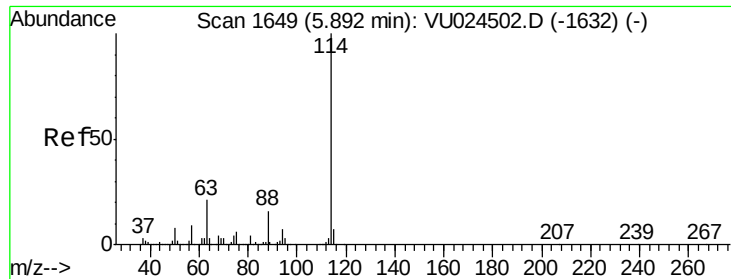
Tgt Ion: 65 Resp: 155547

Ion Ratio Lower Upper

65 100

67 51.4 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: VU025245.D

Acq: 06 Jul 2018 17:16

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628DL2

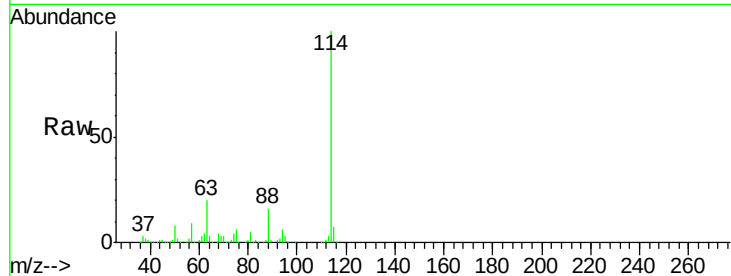
Tot Ion:114 Resp: 305815

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

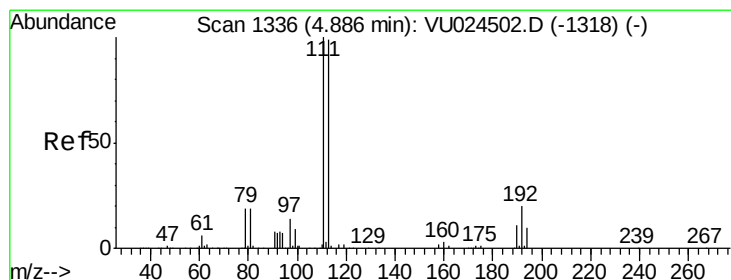
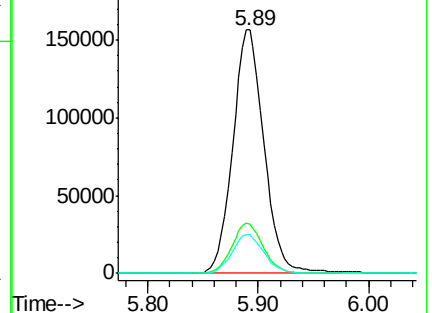
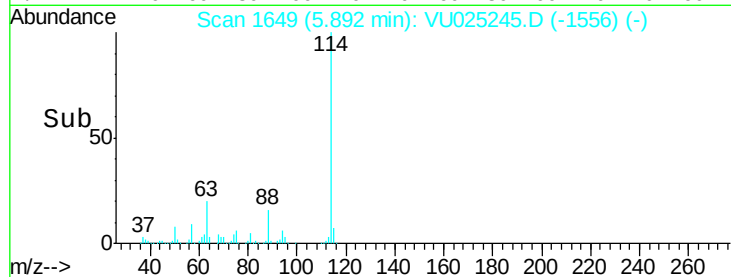
88 15.7 0.0 31.0



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: 47.539 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025245.D

Acq: 06 Jul 2018 17:16

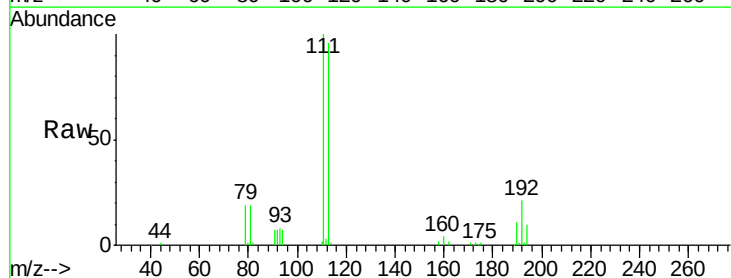
Tgt Ion:113 Resp: 120655

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

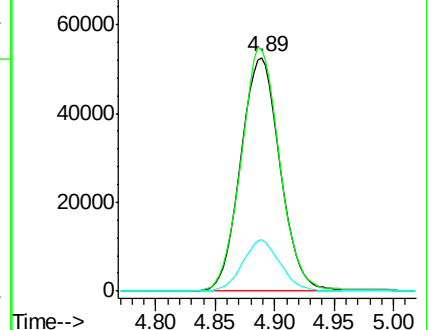
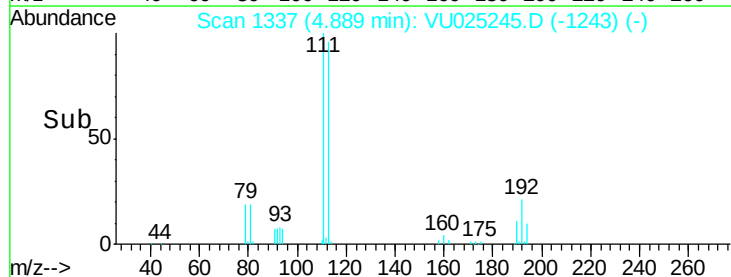
192 21.0 16.2 24.4

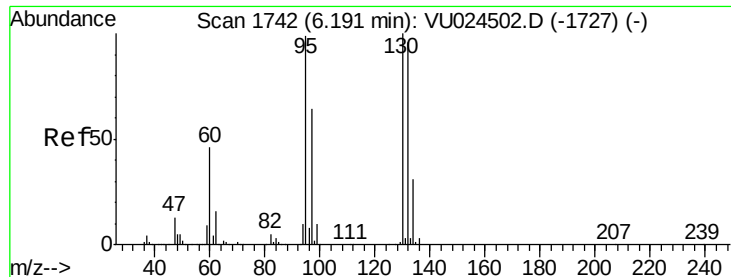


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 39.361 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025245.D

Acq: 06 Jul 2018 17:16

Instrument :

MSVOA_U

ClientSampleId :

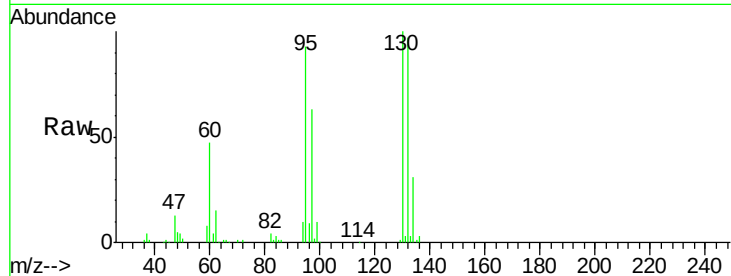
WP021IW465-180628DL2

Tot Ion:130 Resp: 114707

Ion Ratio Lower Upper

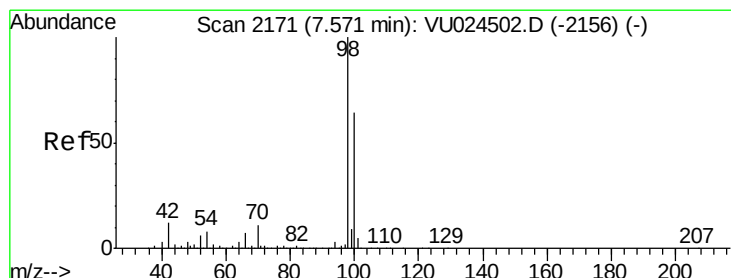
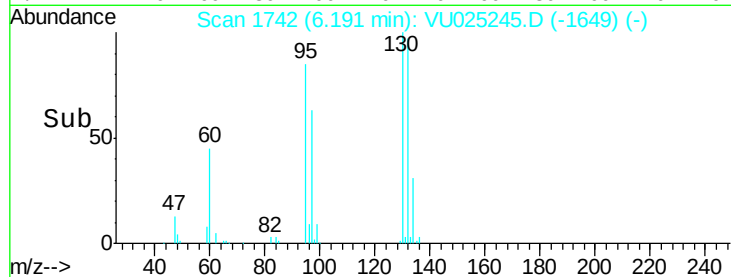
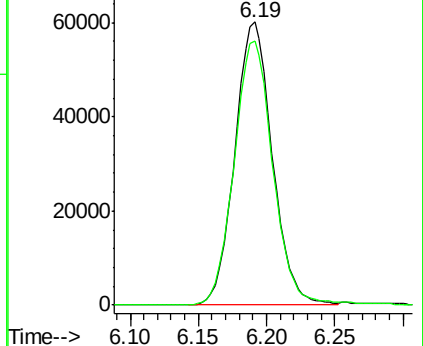
130 100

95 93.3 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: 47.851 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025245.D

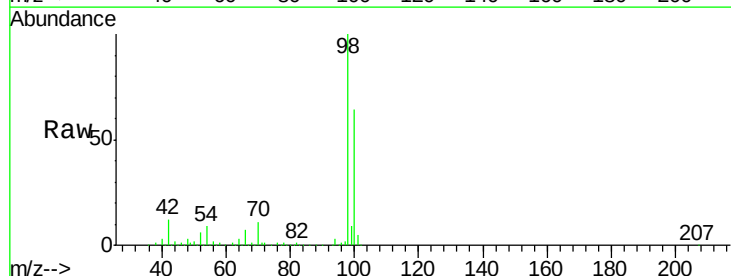
Acq: 06 Jul 2018 17:16

Tgt Ion: 98 Resp: 442992

Ion Ratio Lower Upper

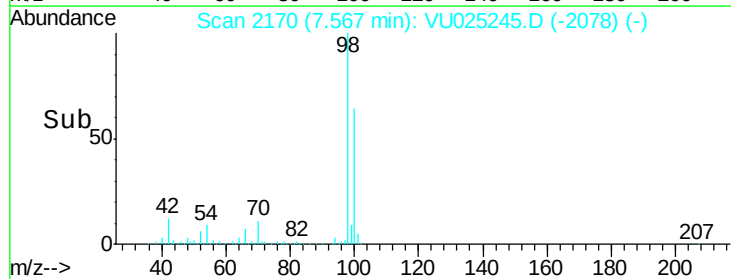
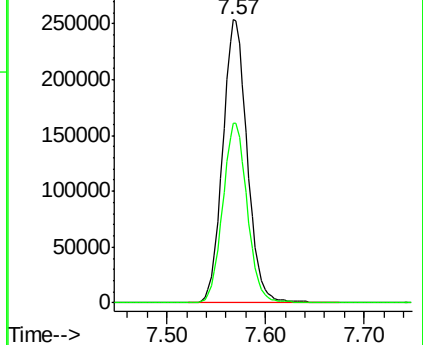
98 100

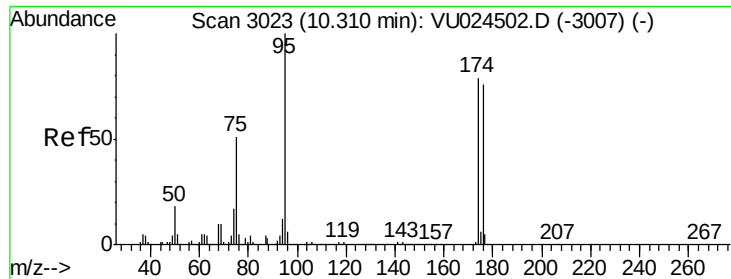
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.548 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025245.D

Acq: 06 Jul 2018 17:16

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628DL2

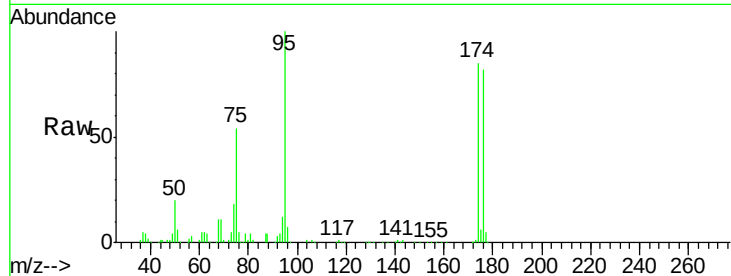
Tot Ion: 95 Resp: 167419

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

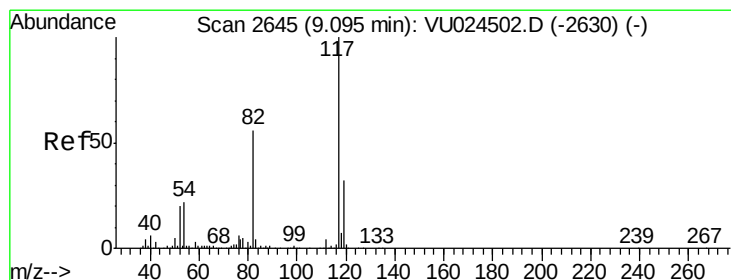
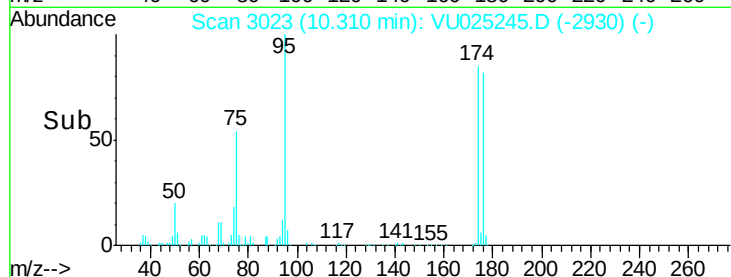
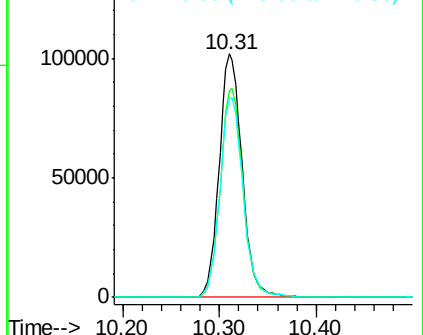
176 83.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VU025245.D

Acq: 06 Jul 2018 17:16

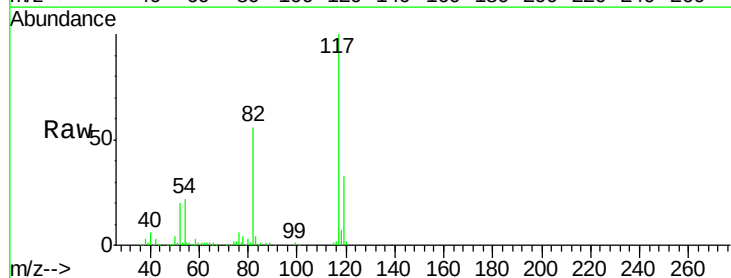
Tgt Ion: 117 Resp: 288844

Ion Ratio Lower Upper

117 100

82 56.2 44.3 66.5

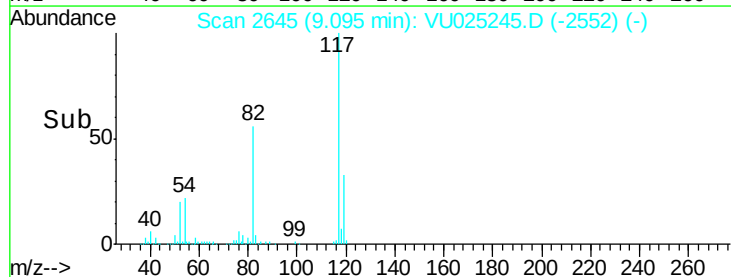
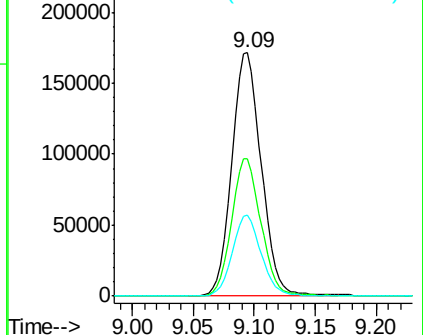
119 33.3 25.4 38.2

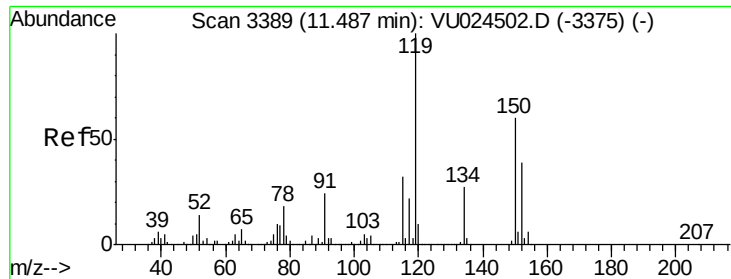


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025245.D

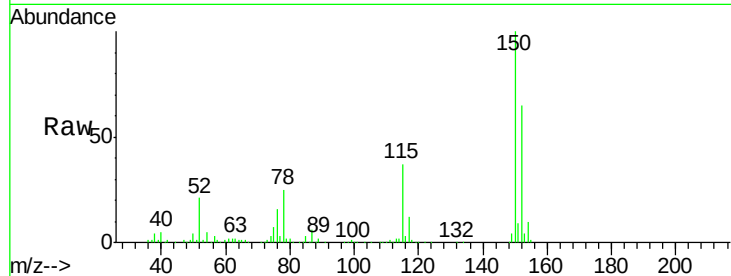
Acq: 06 Jul 2018 17:16

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628DL2



Tot Ion:152 Resp: 157355

Ion Ratio Lower Upper

152 100

115 57.5 43.0 129.0

150 156.1 0.0 354.0

