

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120618\
 Data File : VU028504.D
 Acq On : 06 Dec 2018 16:35
 Operator : MD/SY
 Sample : J6259-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW30211-20181205

Quant Time: Dec 07 09:38:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

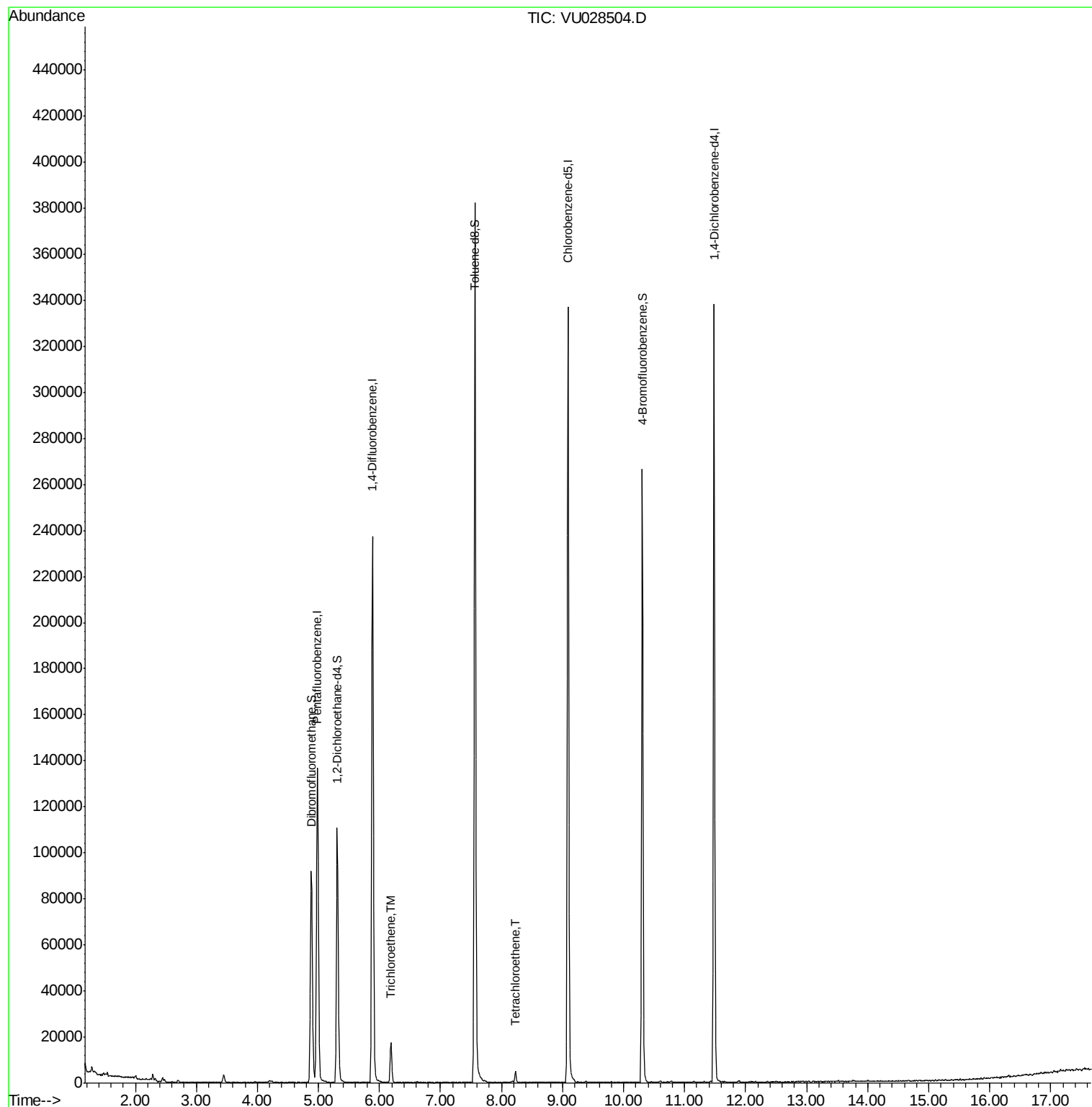
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	103115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	194113	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	87057	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
35) Dibromofluoromethane	4.88	113	63664	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	7.57	98	252824	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	10.30	95	90385	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
Target Compounds						
44) Trichloroethene	6.19	130	5978	4.298	ug/l	96
64) Tetrachloroethene	8.23	164	1061	0.891	ug/l	93

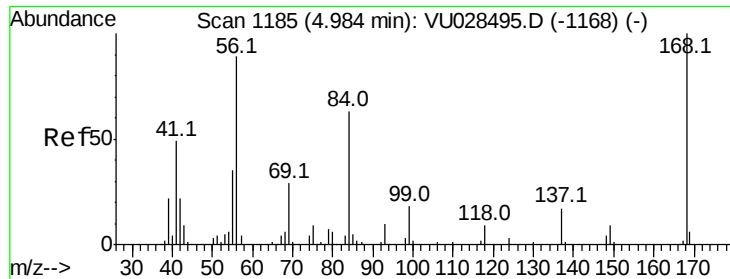
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028504.D

Acq: 06 Dec 2018 16:35

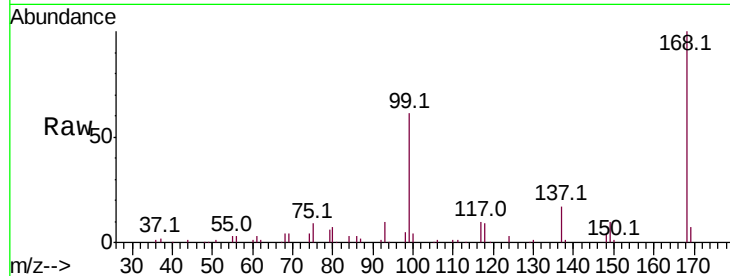
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW30211-20181205

Tot Ion:168 Resp: 103115

Ion Ratio Lower Upper

168 100

99 60.8 46.6 69.8

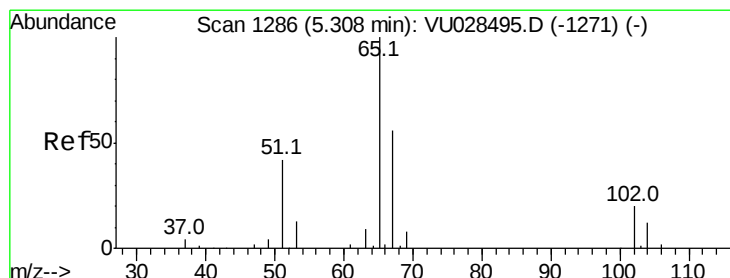
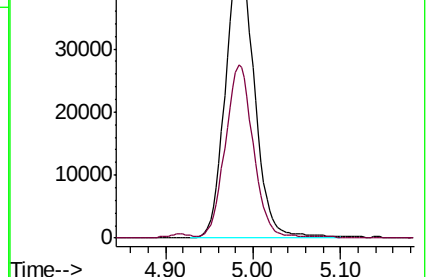
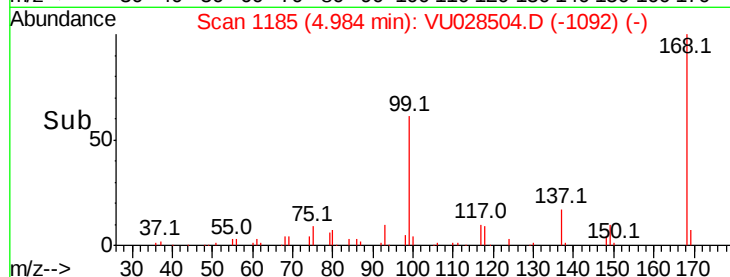


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.323 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028504.D

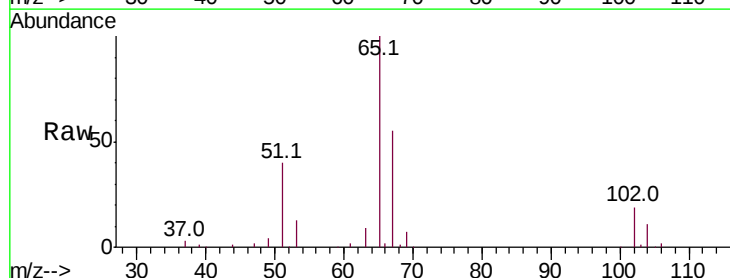
Acq: 06 Dec 2018 16:35

Tgt Ion: 65 Resp: 87057

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.6

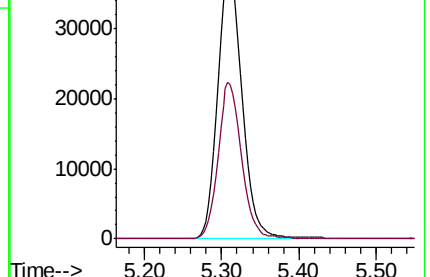
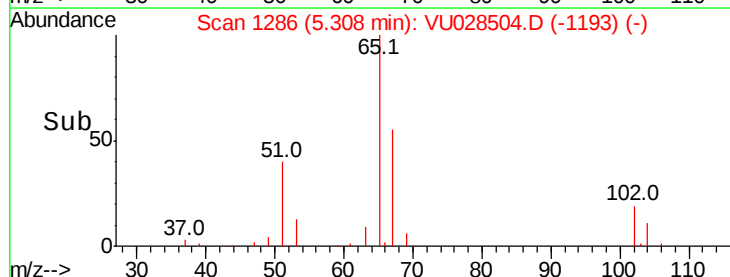


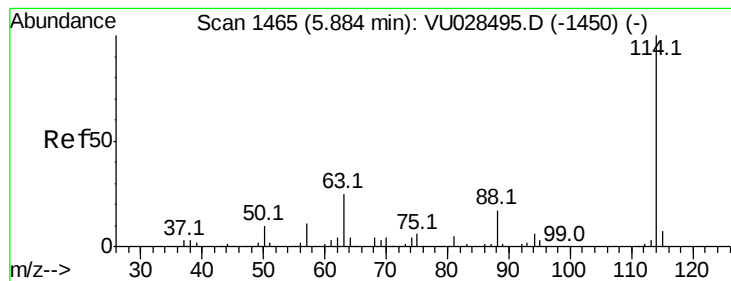
Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028504.D

Acq: 06 Dec 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW30211-20181205

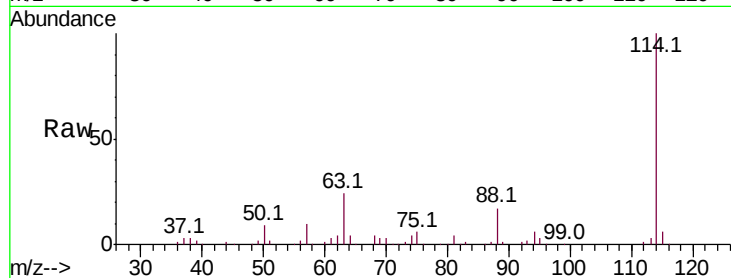
Tot Ion:114 Resp: 194113

Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

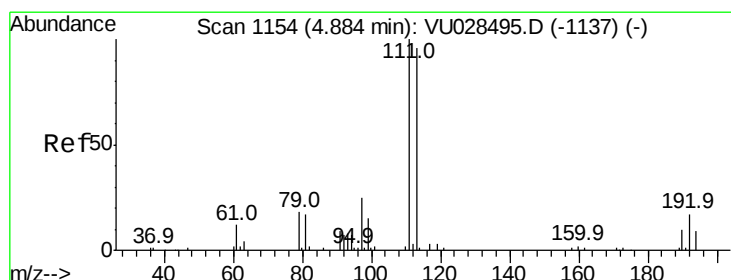
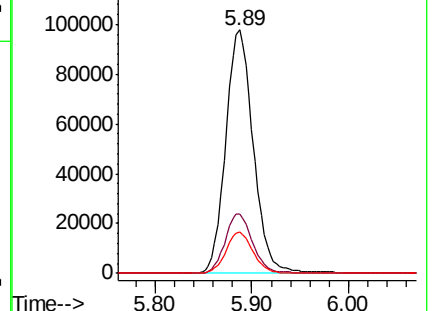
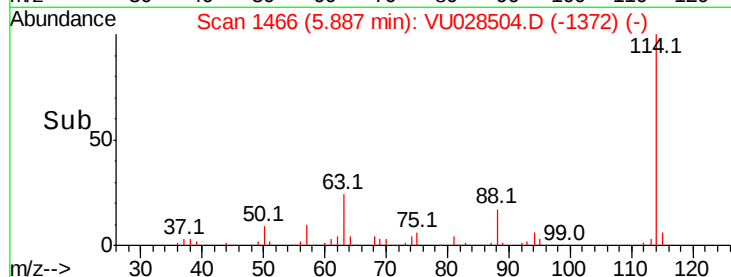
88 16.8 0.0 33.4



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: 52.117 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028504.D

Acq: 06 Dec 2018 16:35

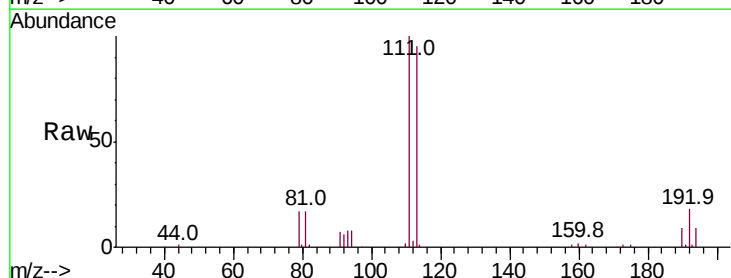
Tgt Ion:113 Resp: 63664

Ion Ratio Lower Upper

113 100

111 104.8 83.4 125.0

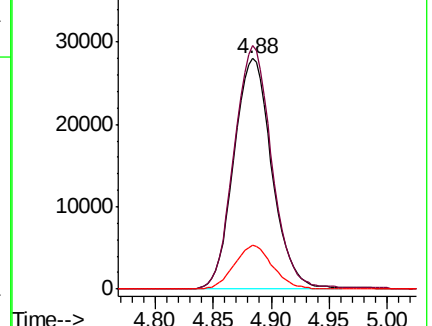
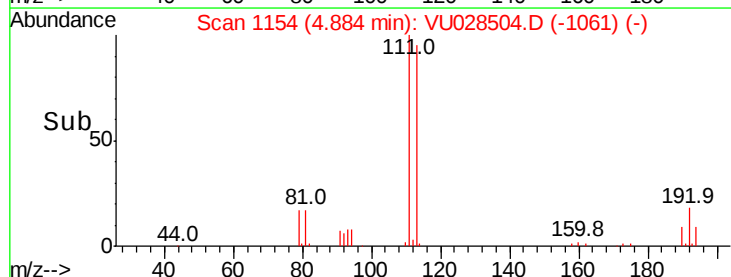
192 19.0 14.8 22.2

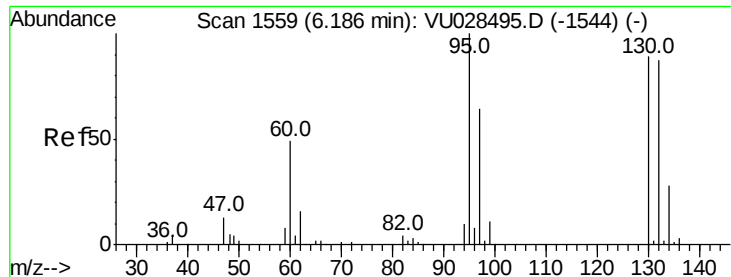


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.298 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028504.D

Acq: 06 Dec 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

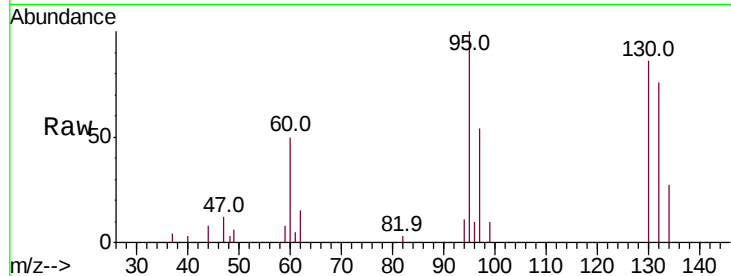
BPS1-TT-MW30211-20181205

Tot Ion:130 Resp: 5978

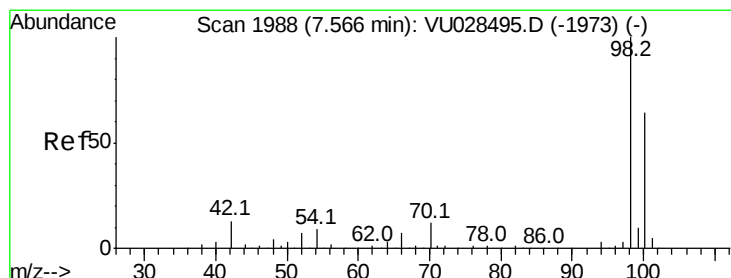
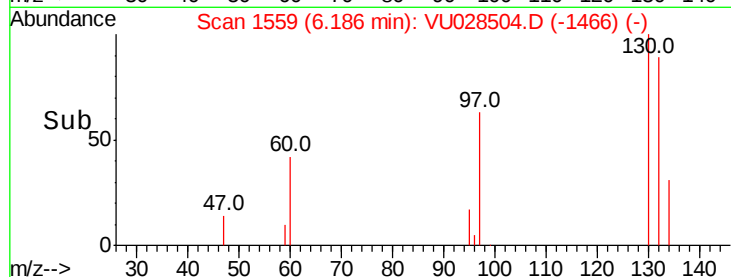
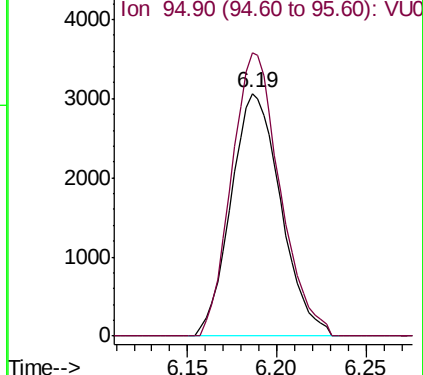
Ion Ratio Lower Upper

130 100

95 116.8 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 52.320 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028504.D

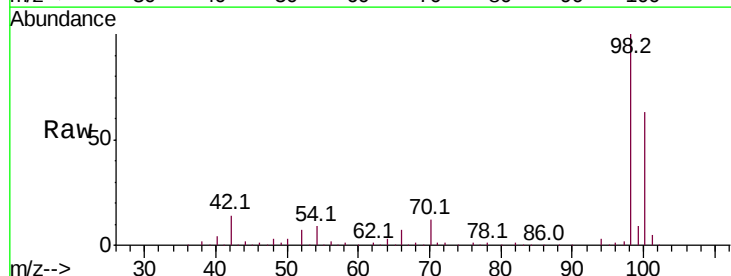
Acq: 06 Dec 2018 16:35

Tgt Ion: 98 Resp: 252824

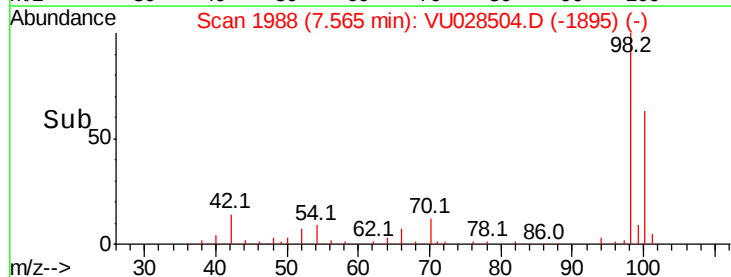
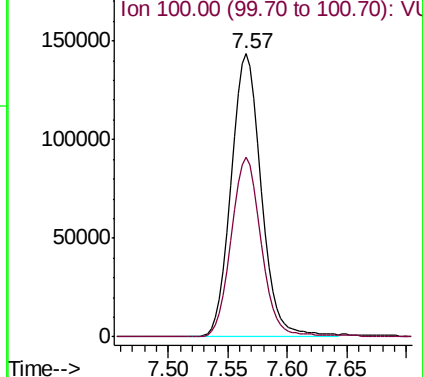
Ion Ratio Lower Upper

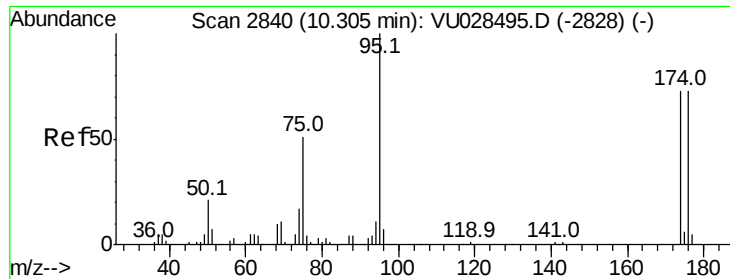
98 100

100 63.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU





#62

4-Bromofluorobenzene

Concen: 50.043 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028504.D

Acq: 06 Dec 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW30211-20181205

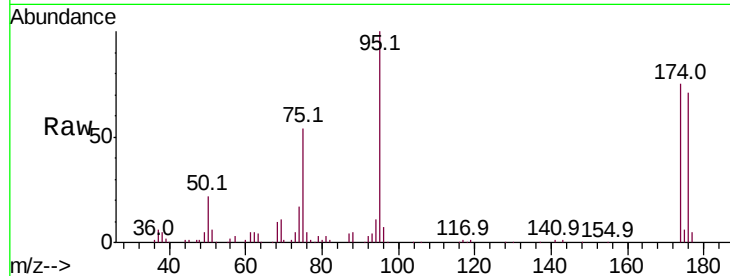
Tot Ion: 95 Resp: 90385

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

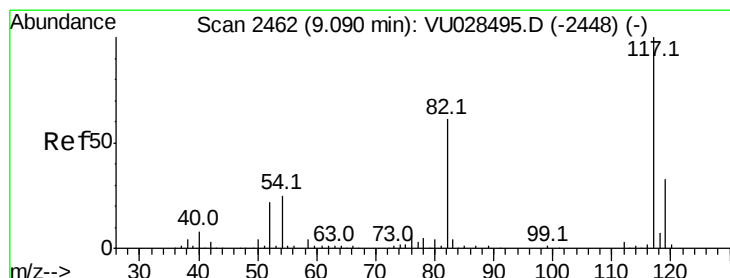
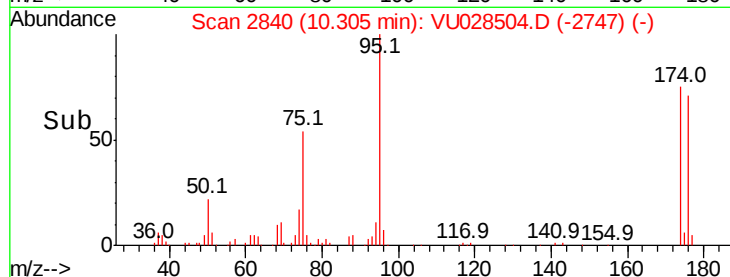
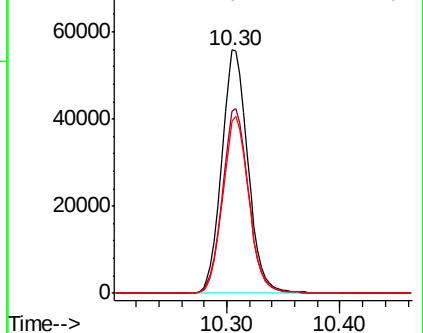
176 72.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028504.D

Acq: 06 Dec 2018 16:35

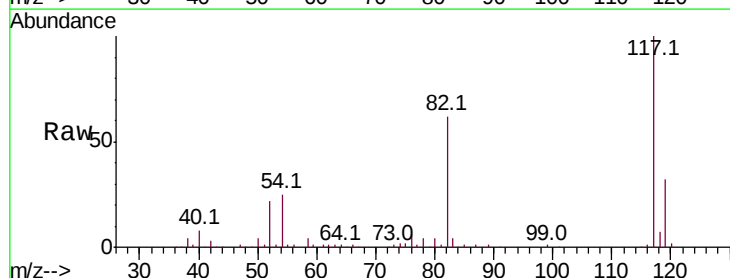
Tgt Ion: 117 Resp: 178480

Ion Ratio Lower Upper

117 100

82 61.6 48.9 73.3

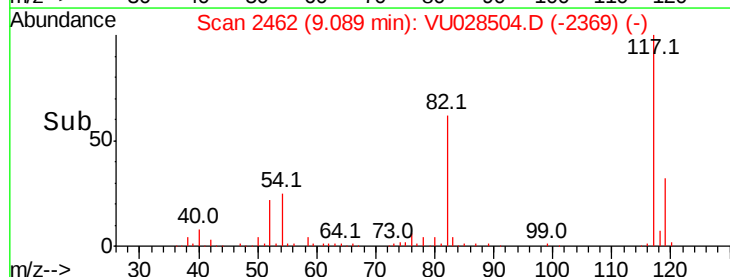
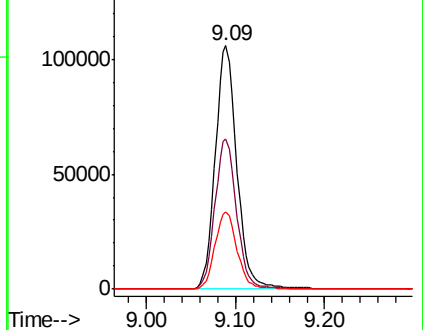
119 31.7 26.2 39.4

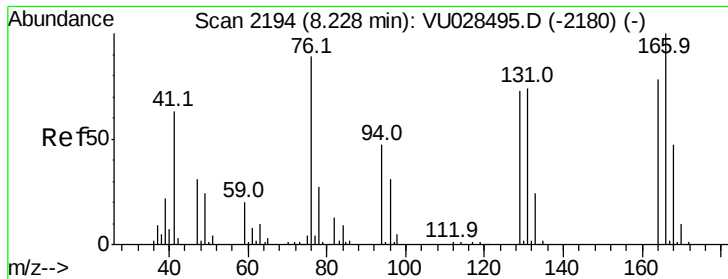


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 0.891 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028504.D

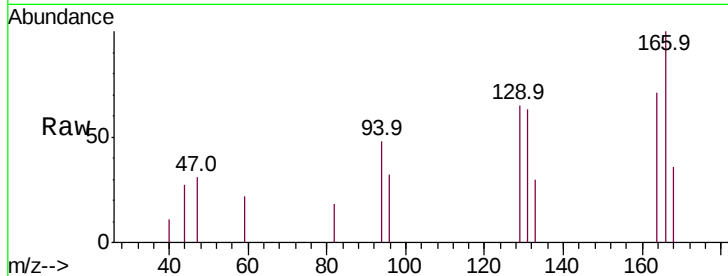
Acq: 06 Dec 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW30211-20181205



Tot Ion:164 Resp: 1061

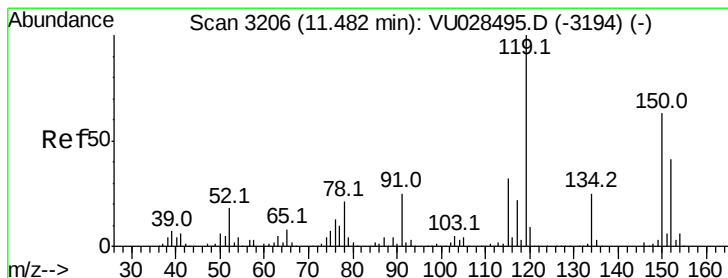
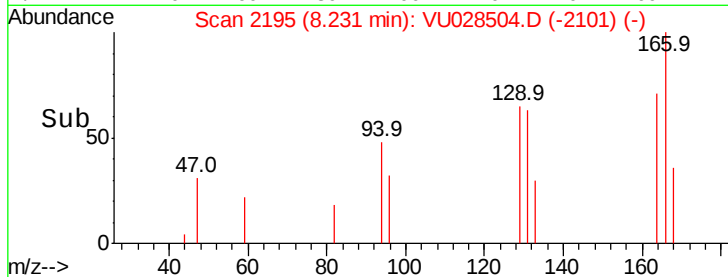
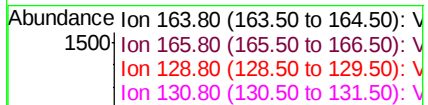
Ion Ratio Lower Upper

164 100

166 140.8 101.9 152.9

129 92.0 74.9 112.3

131 89.1 75.4 113.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028504.D

Acq: 06 Dec 2018 16:35

Tgt Ion:152 Resp: 81315

Ion Ratio Lower Upper

152 100

115 62.4 42.7 128.1

150 158.9 0.0 346.0

