

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028505.D
 Acq On : 06 Dec 2018 16:58
 Operator : MD/SY
 Sample : J6259-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP02-20181205

Quant Time: Dec 07 09:39:21 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

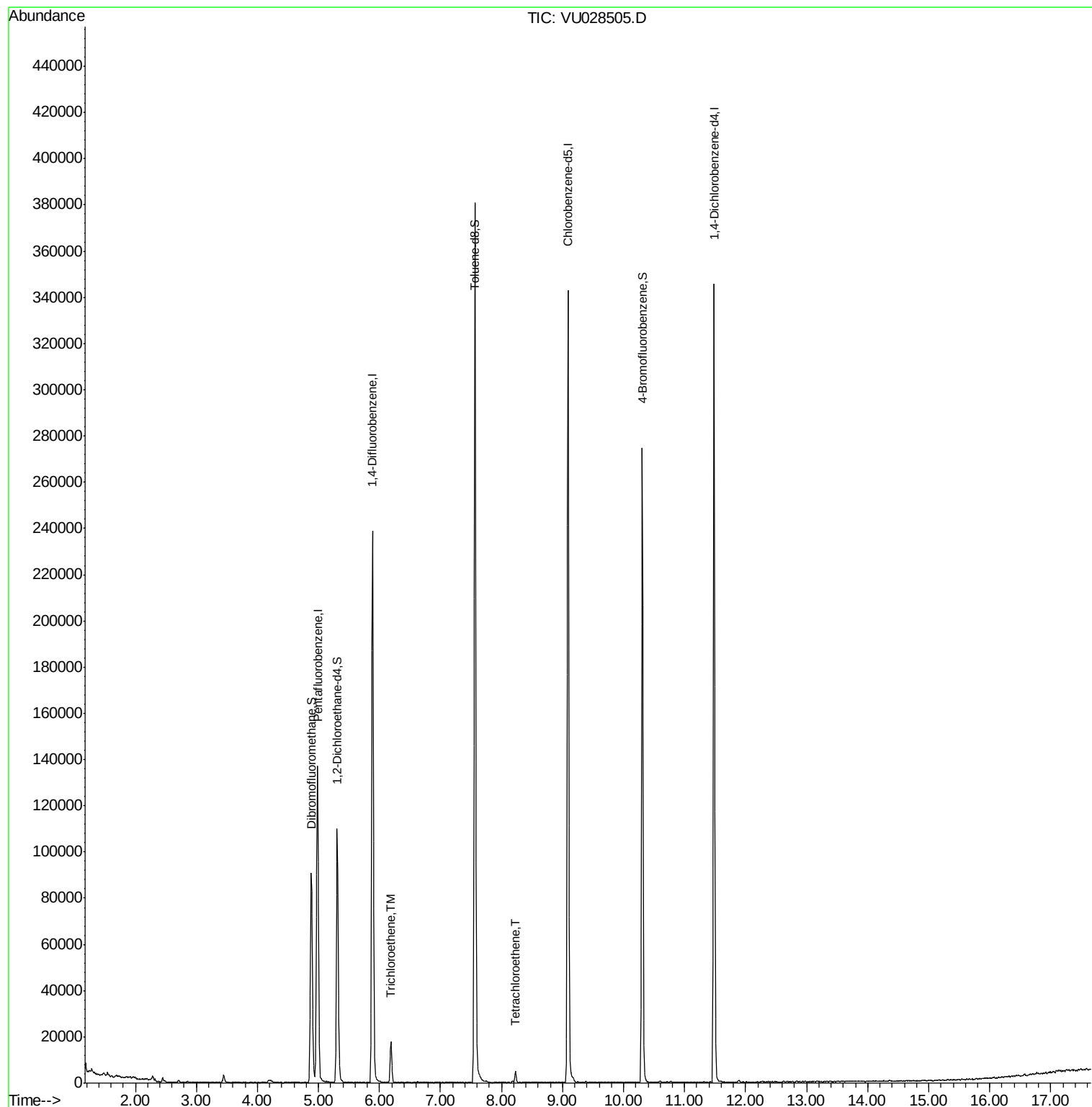
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	101489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	195738	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86445	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
35) Dibromofluoromethane	4.88	113	62894	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	7.57	98	253828	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	10.30	95	91879	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
Target Compounds						
44) Trichloroethene	6.19	130	5881	4.193	ug/l	95
64) Tetrachloroethene	8.23	164	1201	0.993	ug/l #	86

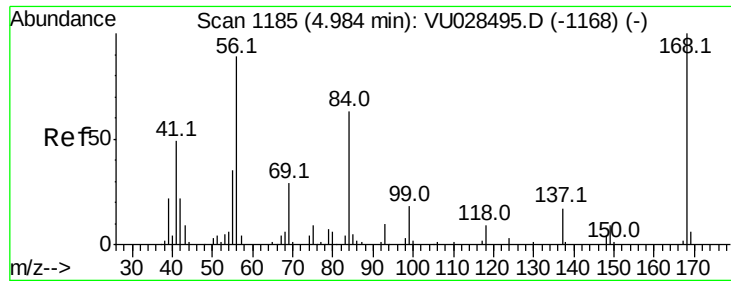
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028505.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_U

ClientSampleId :

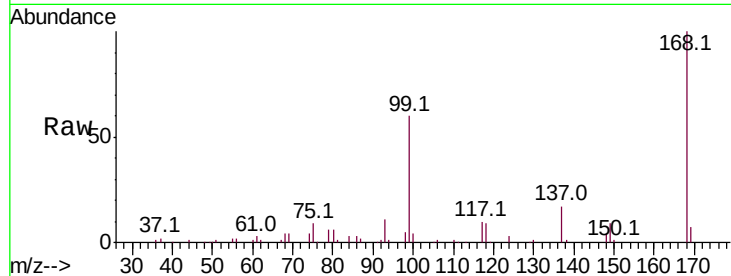
BP-DUP02-20181205

Tot Ion:168 Resp: 101489

Ion Ratio Lower Upper

168 100

99 59.7 46.6 69.8

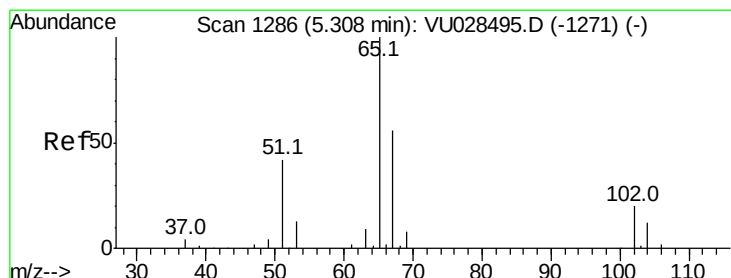
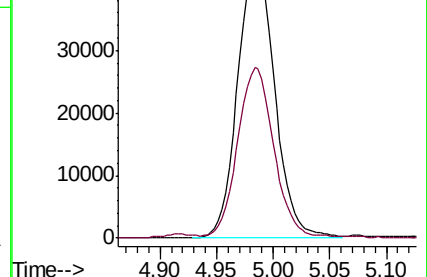
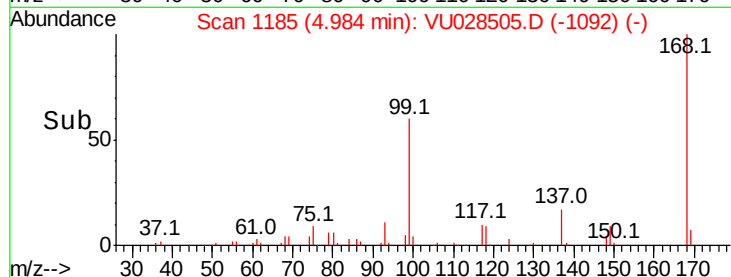


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

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

4.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.815 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028505.D

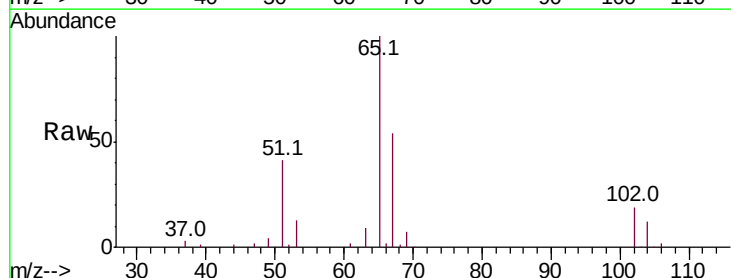
Acq: 06 Dec 2018 16:58

Tgt Ion: 65 Resp: 86445

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6

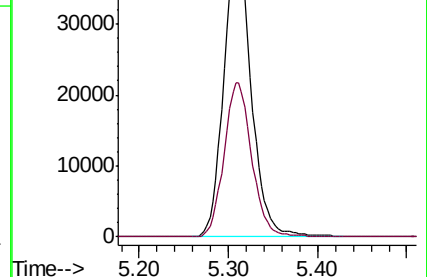
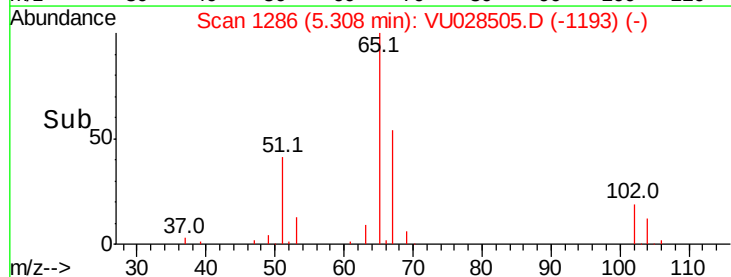


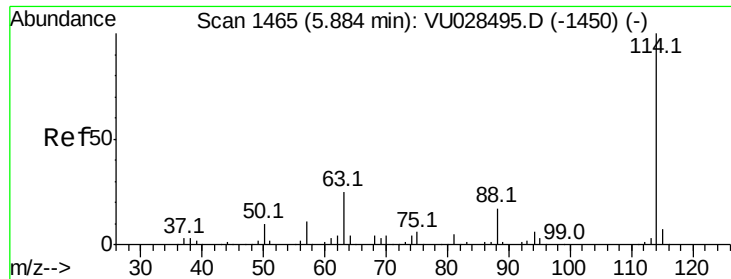
Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

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

5.31

Time-->

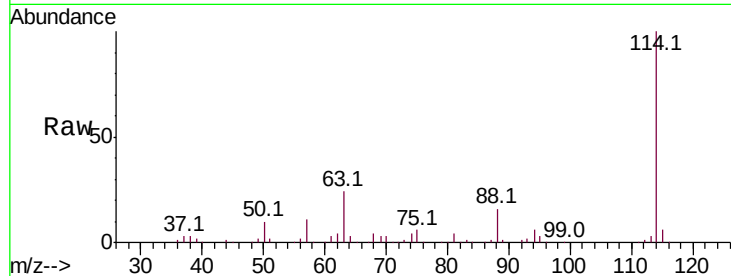




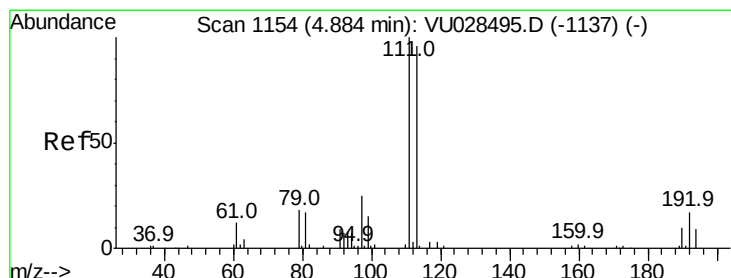
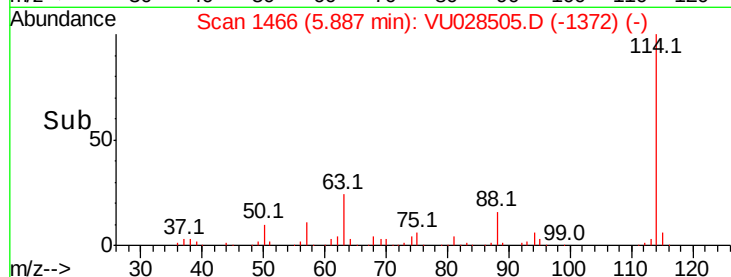
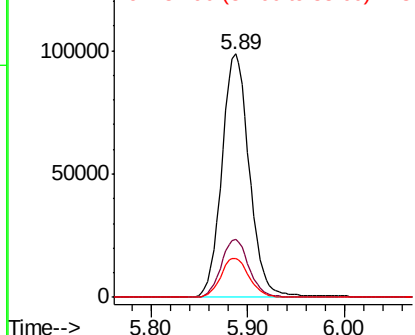
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028505.D
 Acq: 06 Dec 2018 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP02-20181205

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	49.2
88	15.9	0.0	33.4

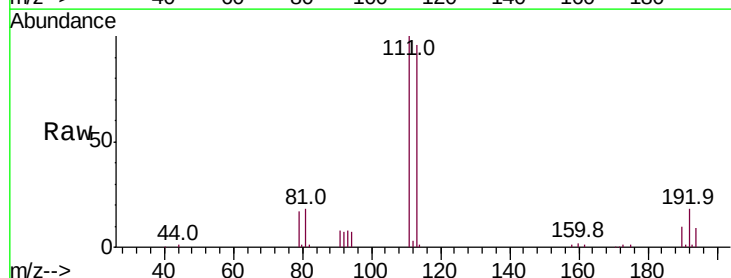


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

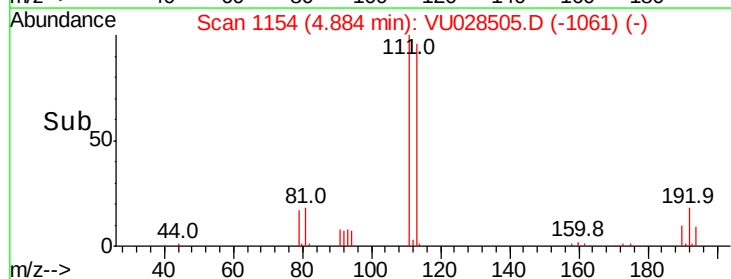
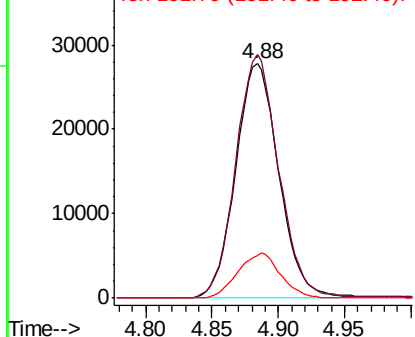


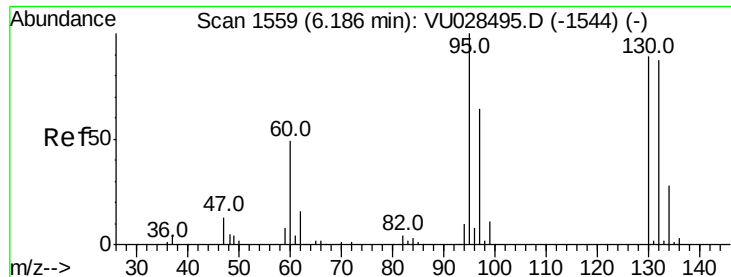
#35
 Dibromofluoromethane
 Concen: 51.059 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028505.D
 Acq: 06 Dec 2018 16:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.0
192	19.1	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: 4.193 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028505.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_U

ClientSampleId :

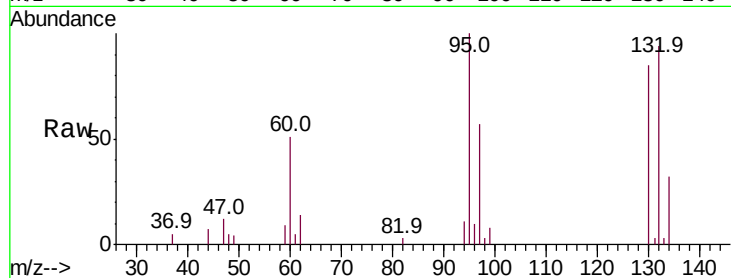
BP-DUP02-20181205

Tot Ion:130 Resp: 5881

Ion Ratio Lower Upper

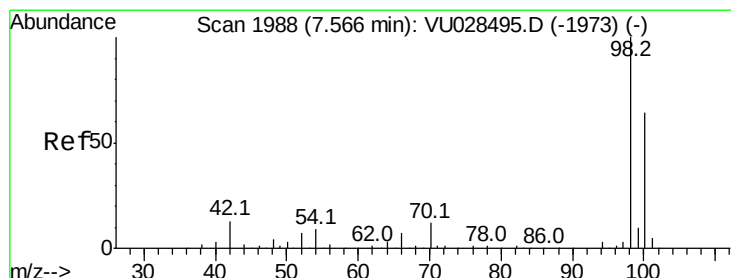
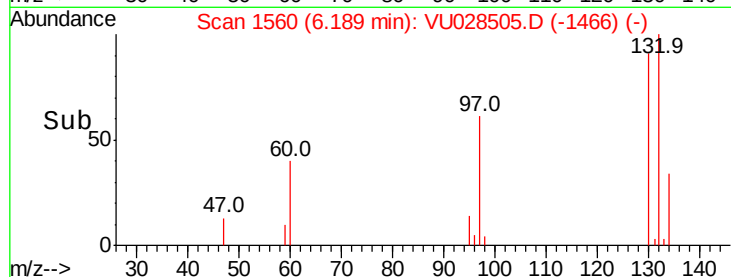
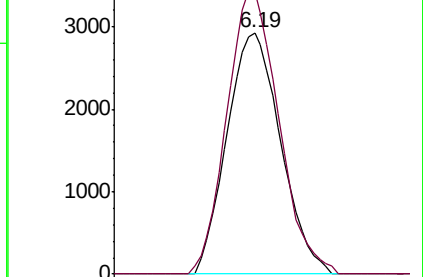
130 100

95 117.2 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU



#50

Toluene-d8

Concen: 52.091 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028505.D

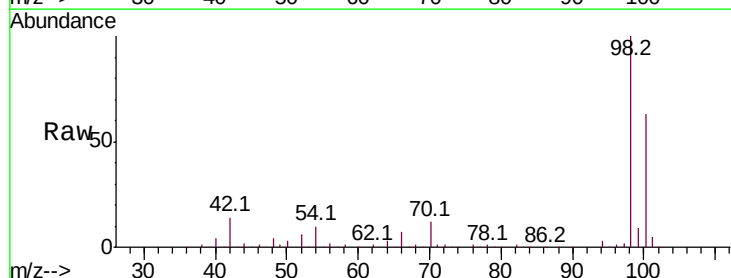
Acq: 06 Dec 2018 16:58

Tgt Ion: 98 Resp: 253828

Ion Ratio Lower Upper

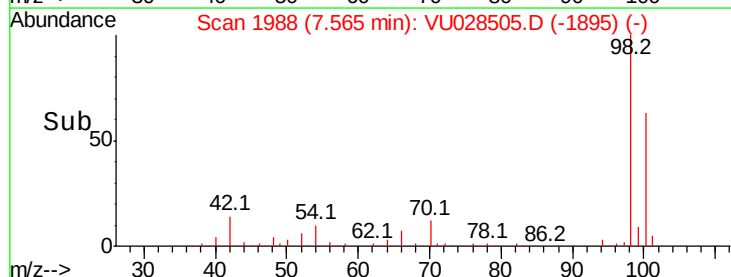
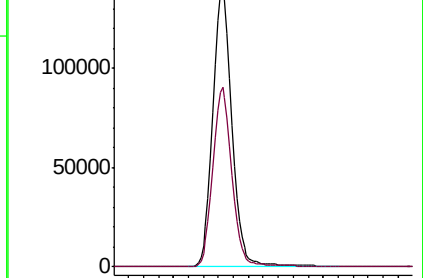
98 100

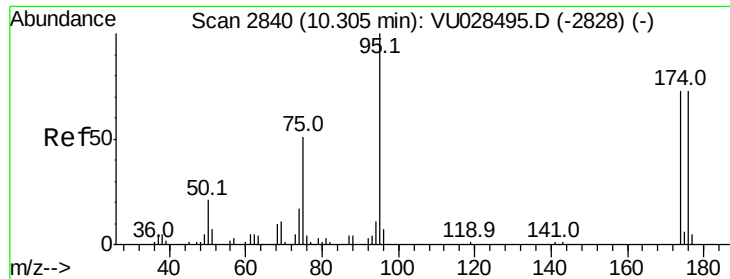
100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 50.448 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028505.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP02-20181205

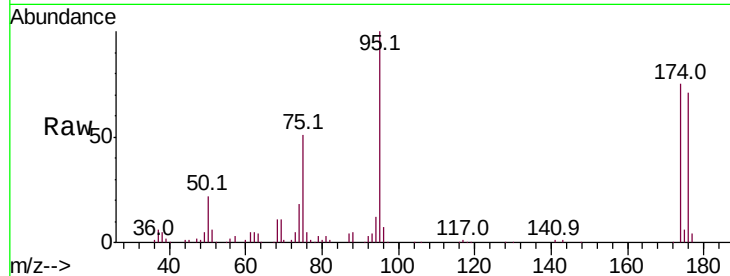
Tot Ion: 95 Resp: 91879

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.4

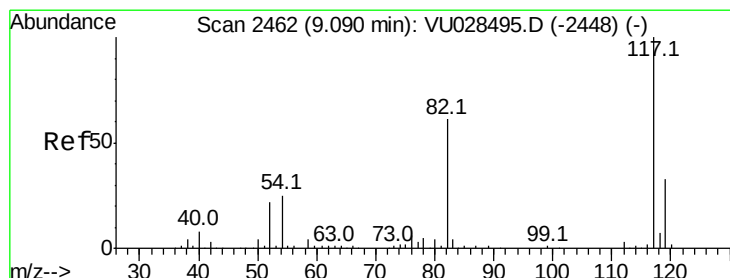
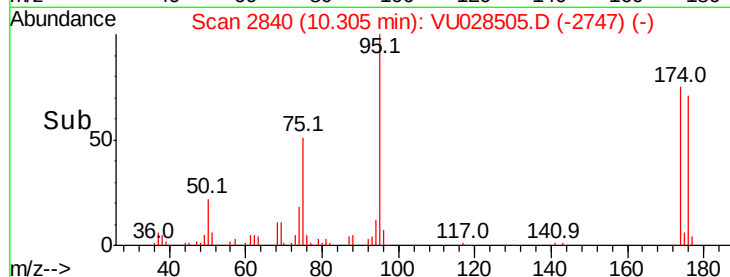
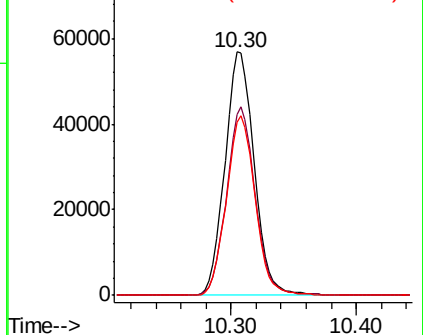
176 72.6 0.0 145.2



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: VU028505.D

Acq: 06 Dec 2018 16:58

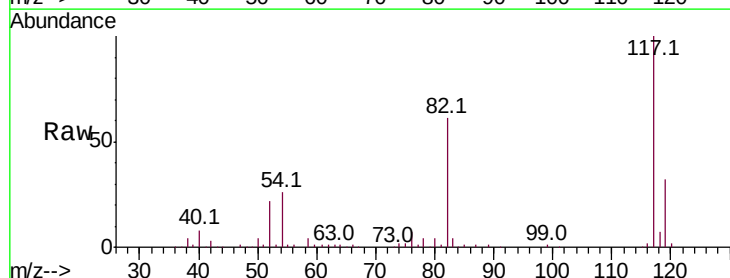
Tgt Ion: 117 Resp: 181315

Ion Ratio Lower Upper

117 100

82 61.0 48.9 73.3

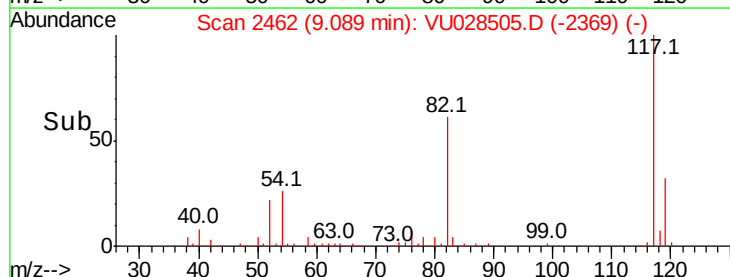
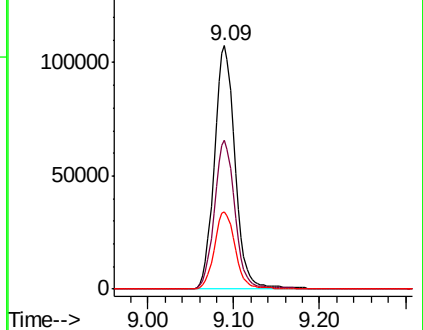
119 31.7 26.2 39.4

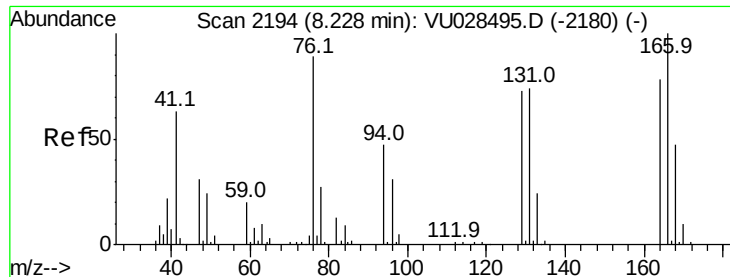


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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: 0.993 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028505.D

Acq: 06 Dec 2018 16:58

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP02-20181205

Tot Ion:164 Resp: 1201

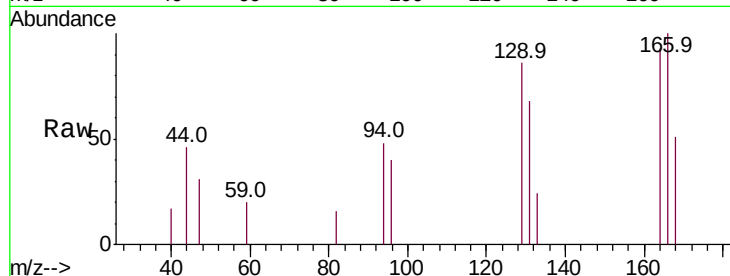
Ion Ratio Lower Upper

164 100

166 107.9 101.9 152.9

129 92.8 74.9 112.3

131 73.3 75.4 113.0#

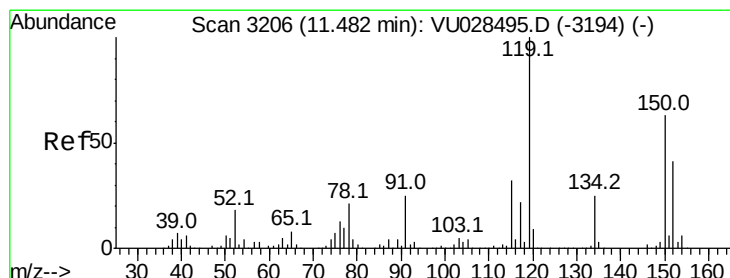
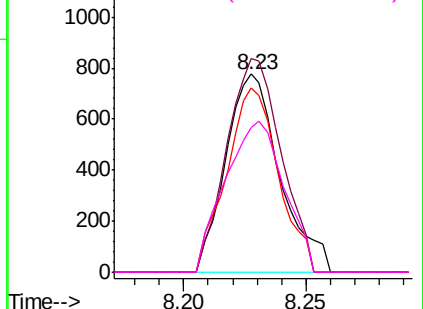
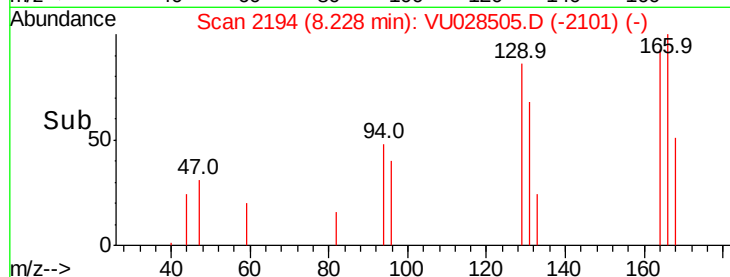


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028505.D

Acq: 06 Dec 2018 16:58

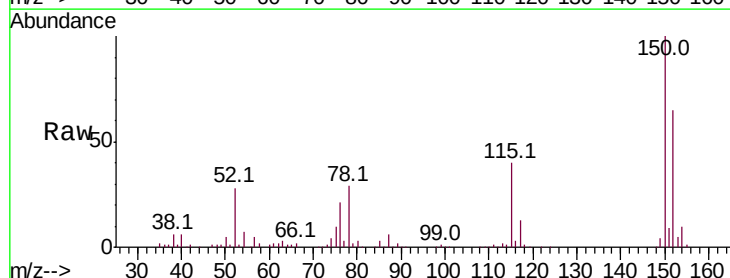
Tgt Ion:152 Resp: 84185

Ion Ratio Lower Upper

152 100

115 60.5 42.7 128.1

150 155.2 0.0 346.0



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

