

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028611.D
 Acq On : 11 Dec 2018 16:49
 Operator : MD/SY
 Sample : J6323-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

Quant Time: Dec 12 04:28:19 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

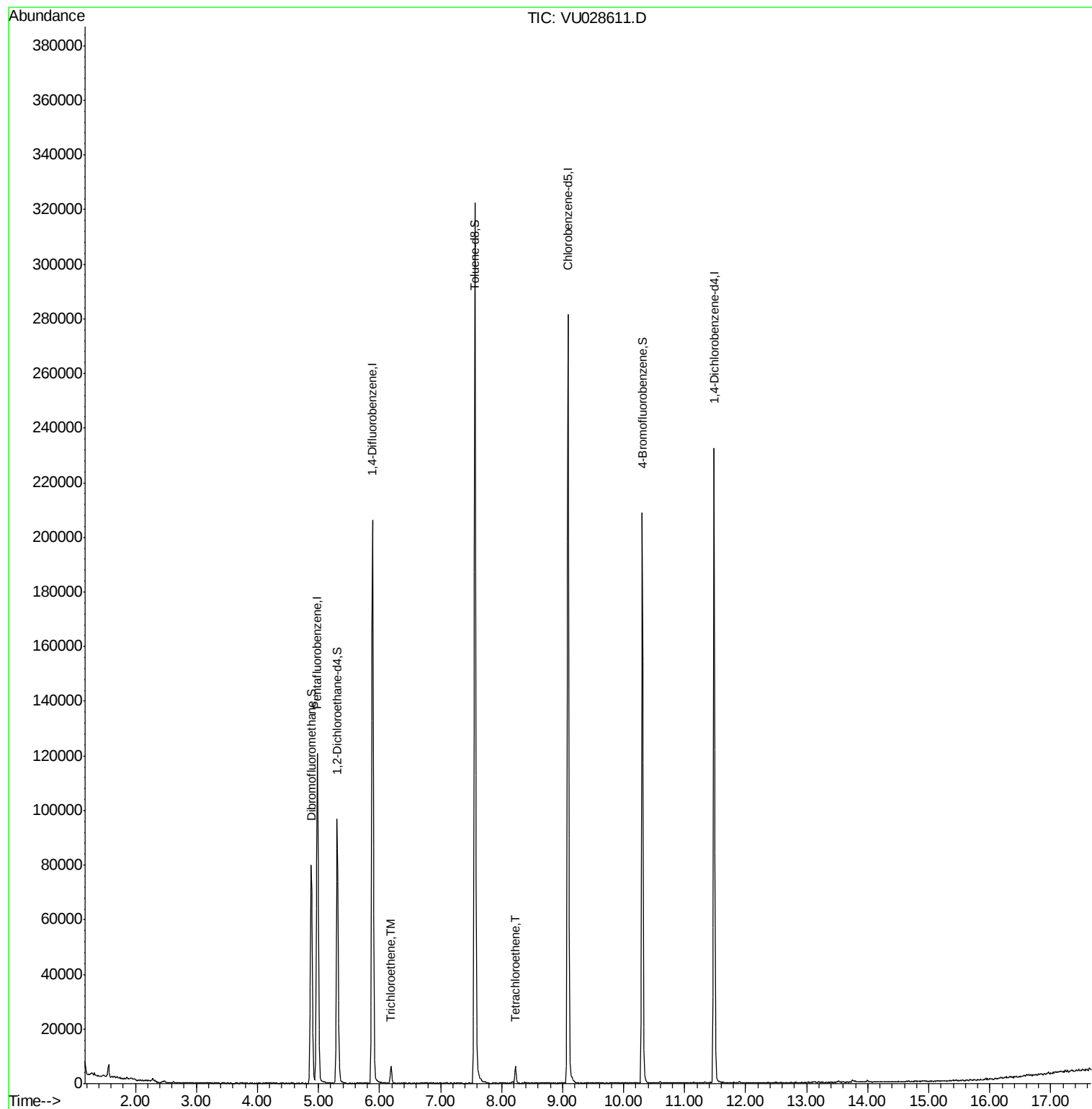
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	88990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166204	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	57196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74165	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
35) Dibromofluoromethane	4.88	113	55143	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	7.57	98	215337	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	10.31	95	70846	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
44) Trichloroethene	6.19	130	2157	1.811	ug/l	83
64) Tetrachloroethene	8.23	164	1439	1.459	ug/l	90

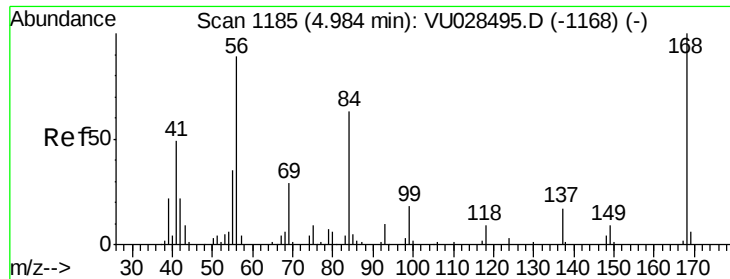
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028611.D

Acq: 11 Dec 2018 16:49

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ClientSampleId :

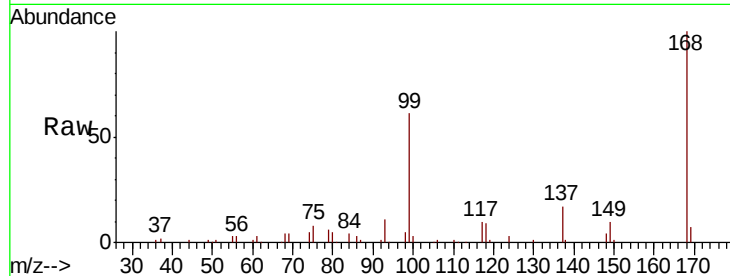
RE-123D2-20181207

Tot Ion:168 Resp: 88990

Ion Ratio Lower Upper

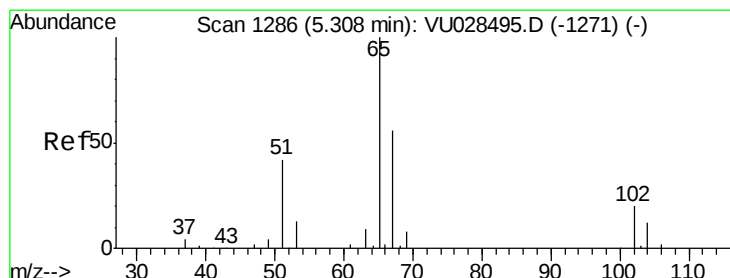
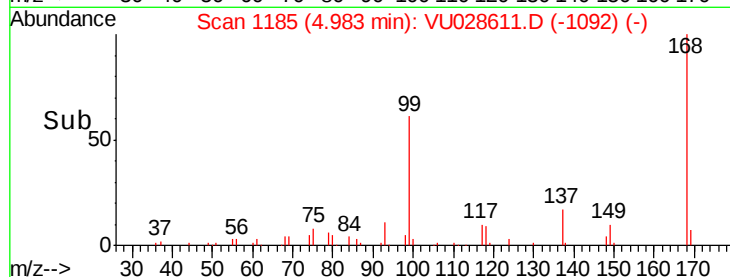
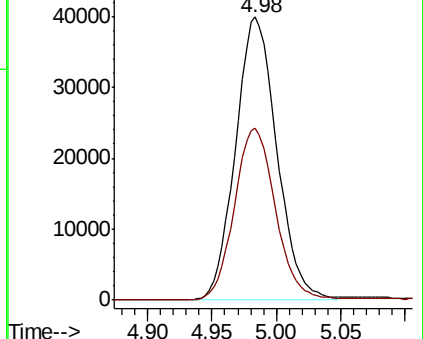
168 100

99 60.7 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.612 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028611.D

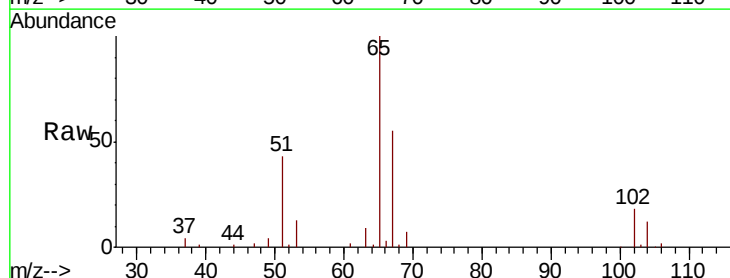
Acq: 11 Dec 2018 16:49

Tgt Ion: 65 Resp: 74165

Ion Ratio Lower Upper

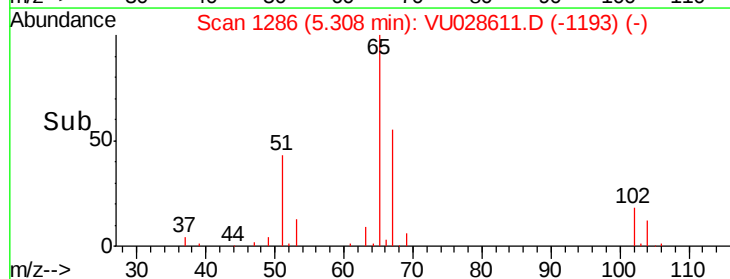
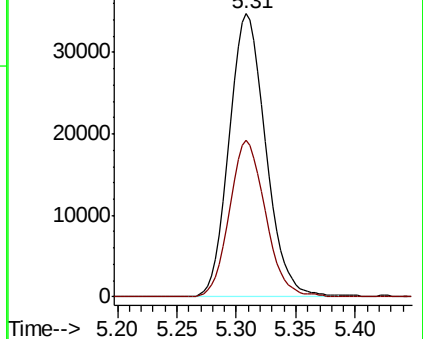
65 100

67 54.3 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) (-)

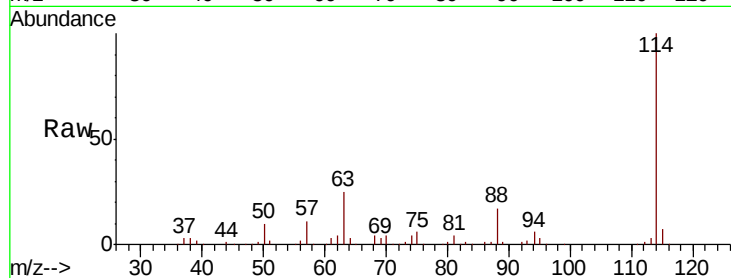




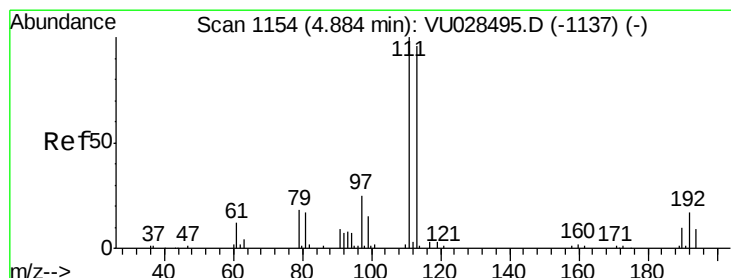
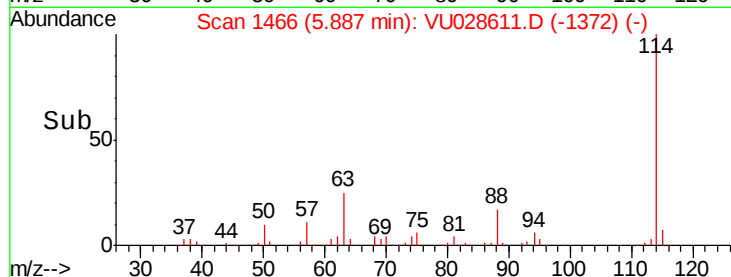
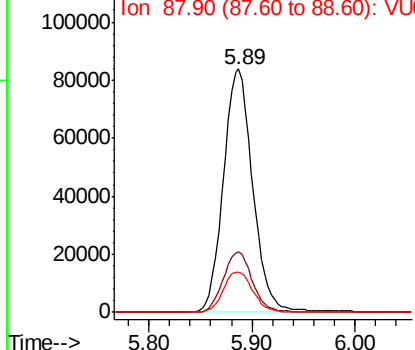
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028611.D
 Acq: 11 Dec 2018 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

Tot Ion:114 Resp: 166204
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.7 0.0 33.4

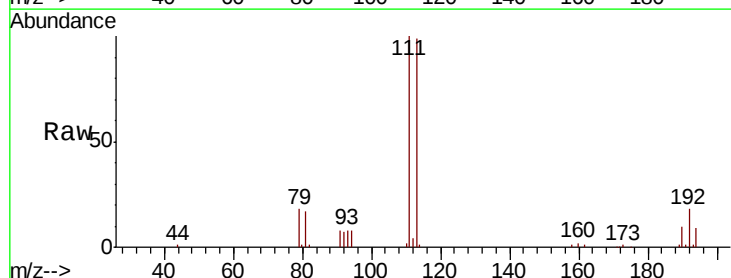


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

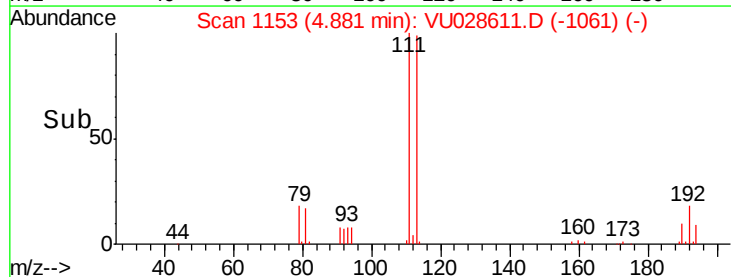
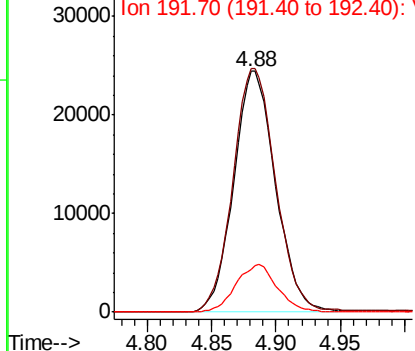


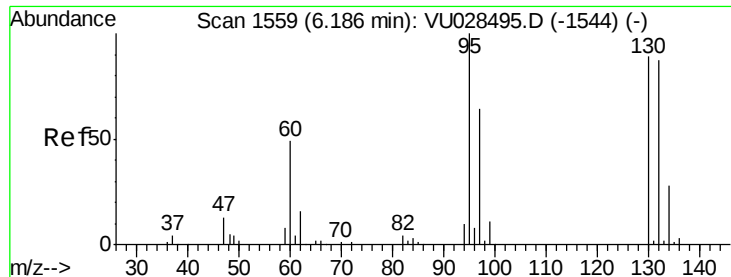
#35
 Dibromofluoromethane
 Concen: 52.721 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028611.D
 Acq: 11 Dec 2018 16:49

Tgt Ion:113 Resp: 55143
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.0
 192 19.6 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: 1.811 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU028611.D

Acq: 11 Dec 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

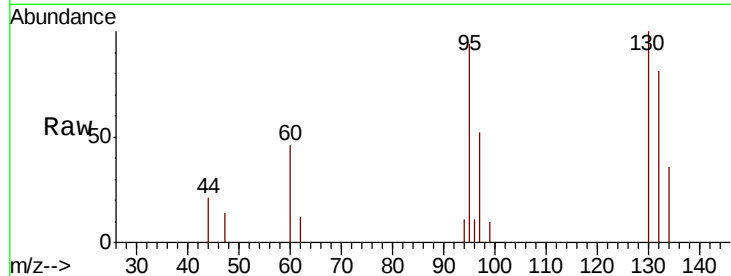
RE-123D2-20181207

Tot Ion:130 Resp: 2157

Ion Ratio Lower Upper

130 100

95 93.7 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

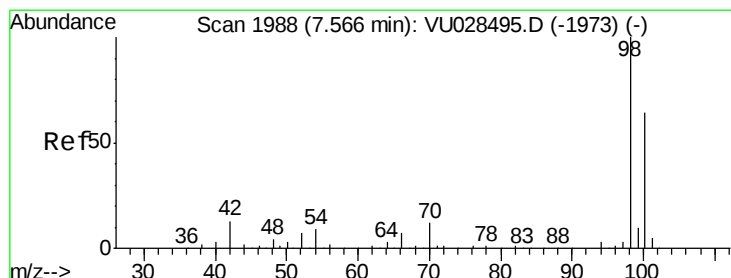
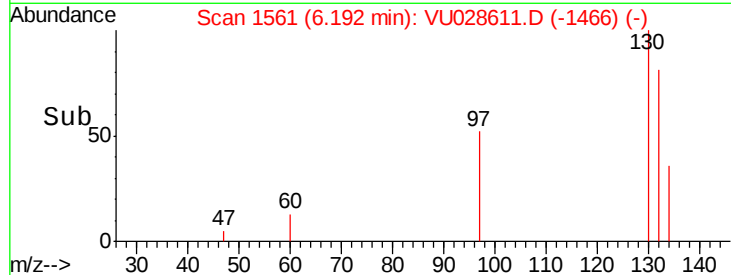
1500

1000

500

0

Time-->



#50

Toluene-d8

Concen: 52.045 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028611.D

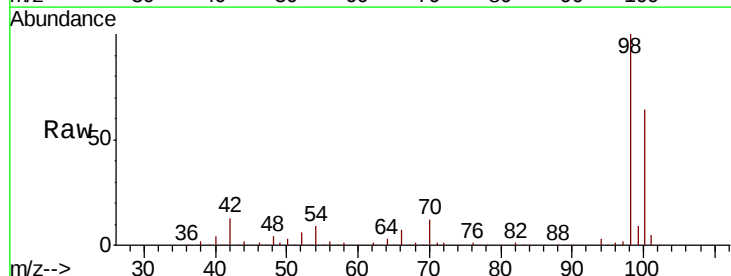
Acq: 11 Dec 2018 16:49

Tgt Ion: 98 Resp: 215337

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

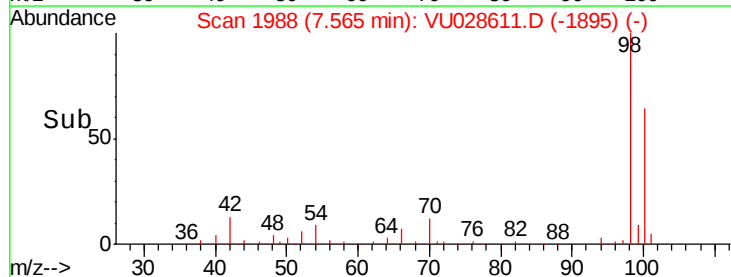
7.57

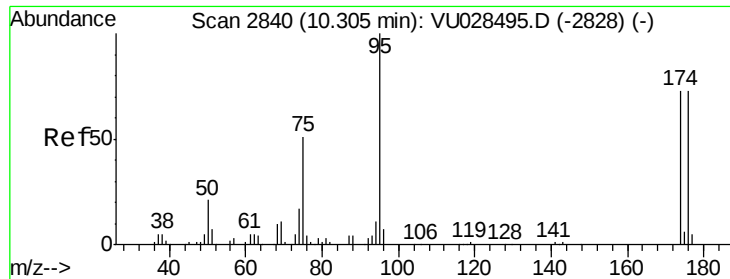
100000

50000

0

Time-->

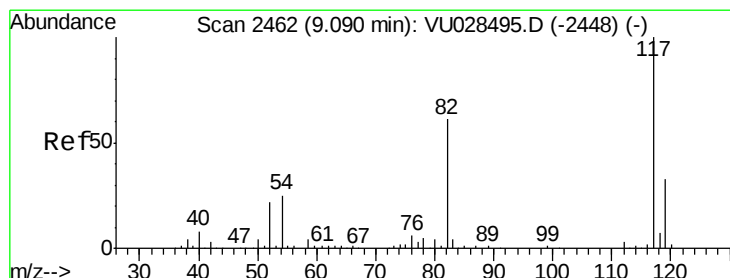
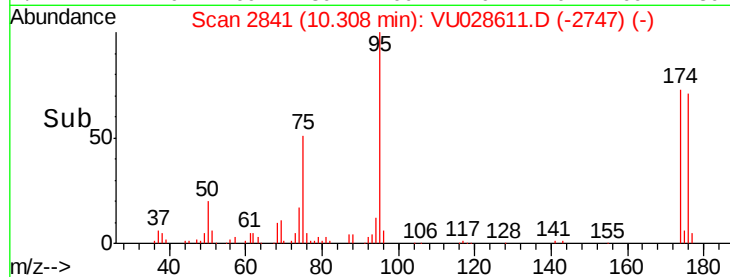
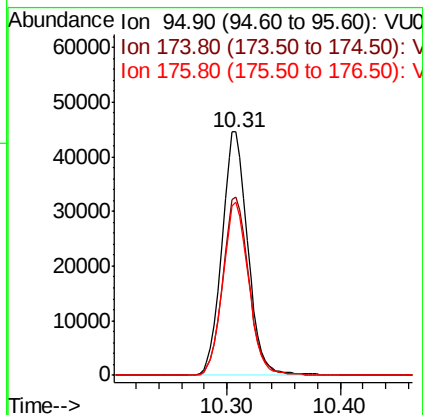
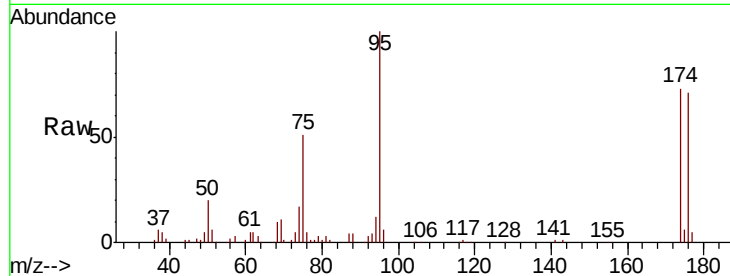




#62
 4-Bromofluorobenzene
 Concen: 45.812 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU028611.D
 Acq: 11 Dec 2018 16:49

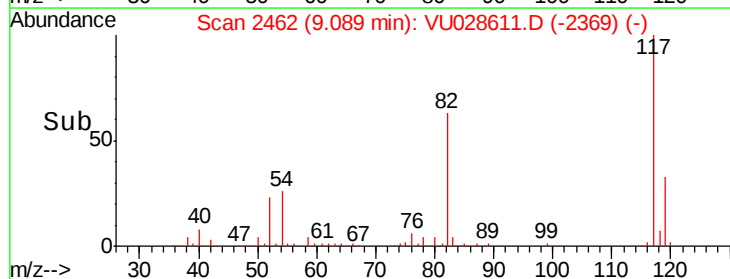
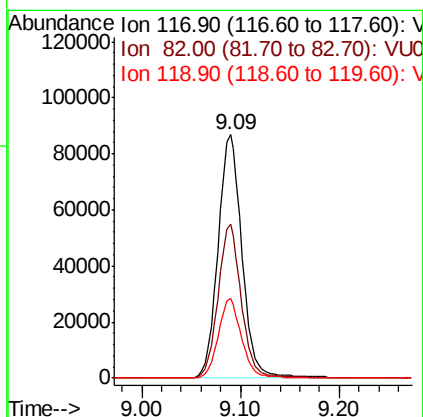
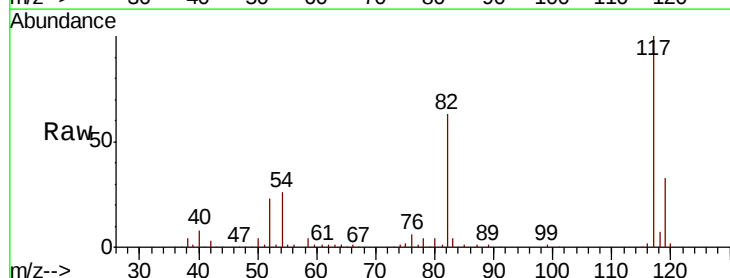
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-123D2-20181207

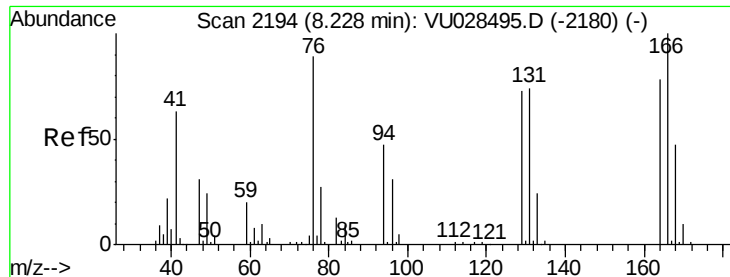
Tot Ion: 95 Resp: 70846
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 150.4
 176 71.3 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028611.D
 Acq: 11 Dec 2018 16:49

Tgt Ion: 117 Resp: 147865
 Ion Ratio Lower Upper
 117 100
 82 63.0 48.9 73.3
 119 32.6 26.2 39.4





#64

Tetrachloroethene

Concen: 1.459 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028611.D

Acq: 11 Dec 2018 16:49

Instrument :

MSVOA_U

ClientSampleId :

RE-123D2-20181207

Tot Ion:164 Resp: 1439

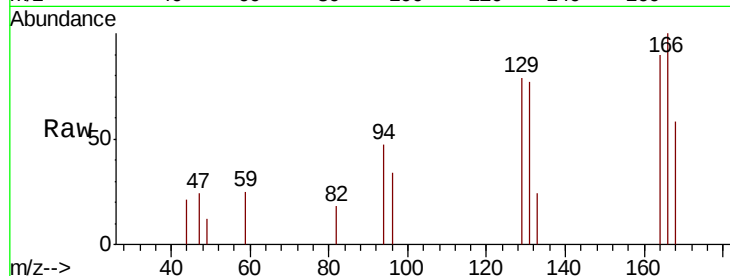
Ion Ratio Lower Upper

164 100

166 111.0 101.9 152.9

129 87.2 74.9 112.3

131 85.5 75.4 113.0

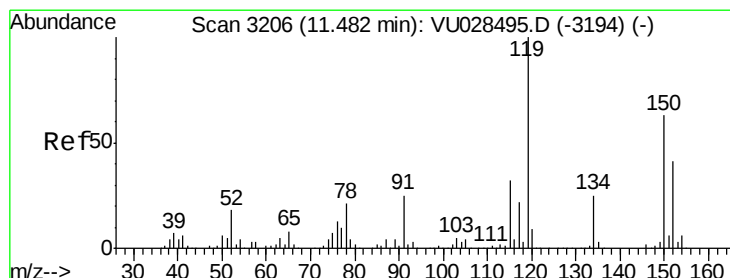
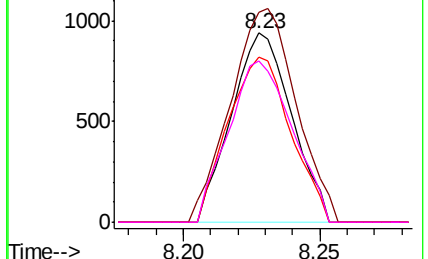
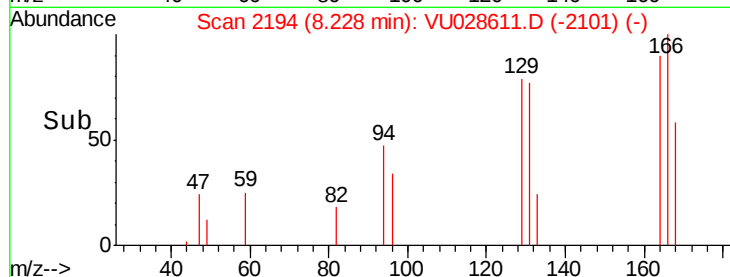


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028611.D

Acq: 11 Dec 2018 16:49

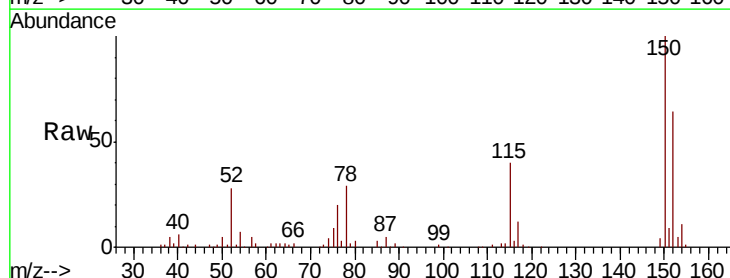
Tgt Ion:152 Resp: 57196

Ion Ratio Lower Upper

152 100

115 60.8 42.7 128.1

150 156.8 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

