

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028621.D
 Acq On : 11 Dec 2018 20:51
 Operator : MD/SY
 Sample : J6325-08DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205DL

Quant Time: Dec 12 04:54:58 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

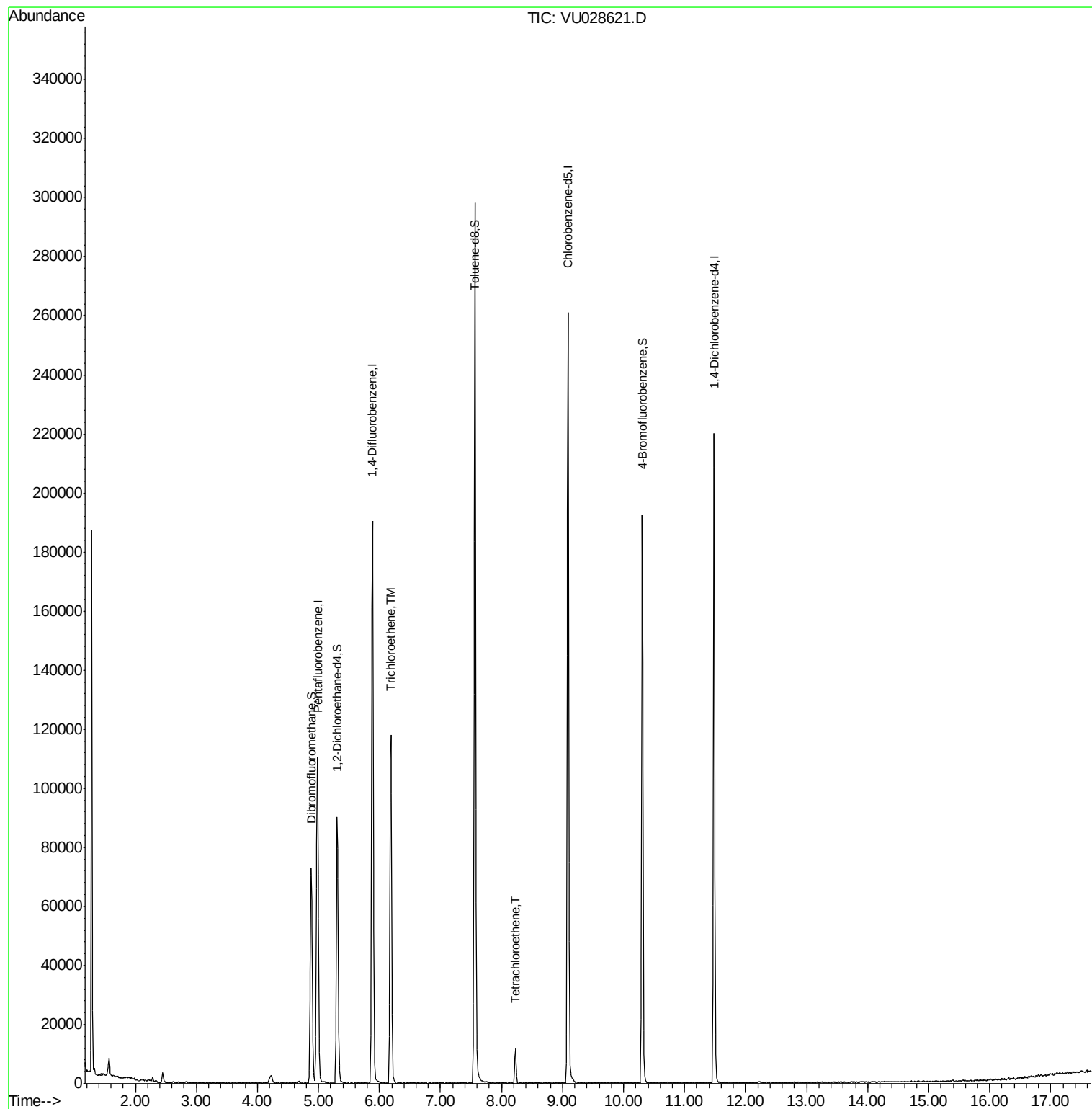
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	82323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	151636	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	52632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69188	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	4.88	113	51371	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	7.57	98	194459	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	10.31	95	65489	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
44) Trichloroethene	6.19	130	38991	35.882	ug/l	99
64) Tetrachloroethene	8.23	164	2376	2.598	ug/l	93

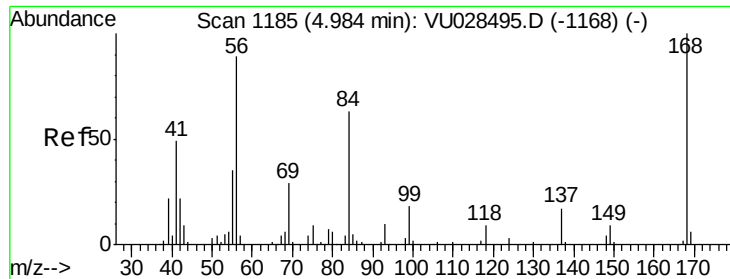
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028621.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_U

ClientSampleId :

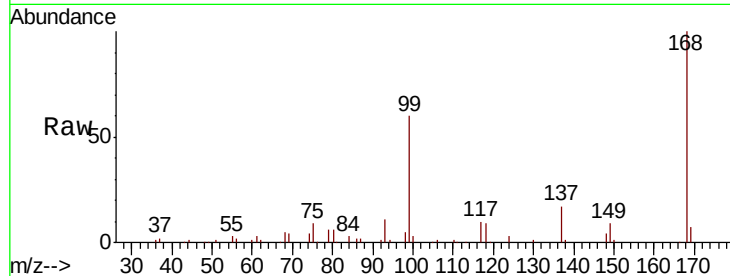
RE-131D1-20181205DL

Tot Ion:168 Resp: 82323

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

40000

30000

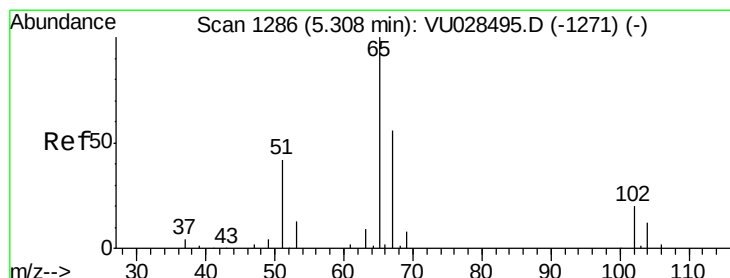
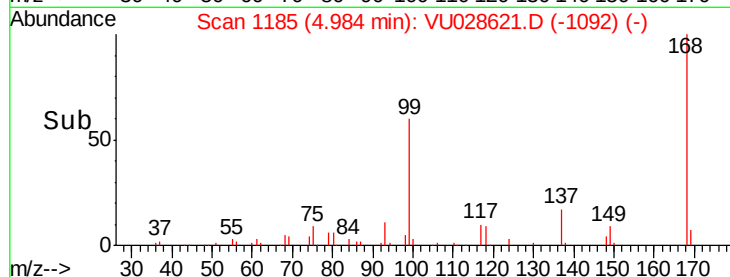
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.073 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028621.D

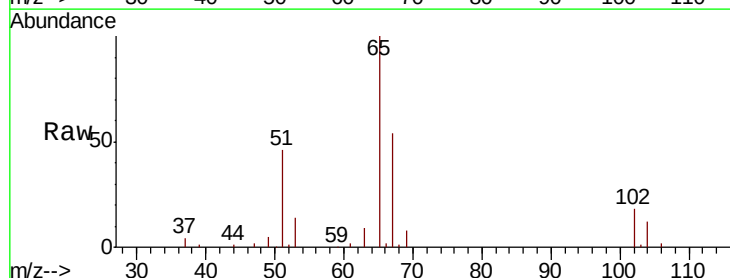
Acq: 11 Dec 2018 20:51

Tgt Ion: 65 Resp: 69188

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) (-)

5.31

30000

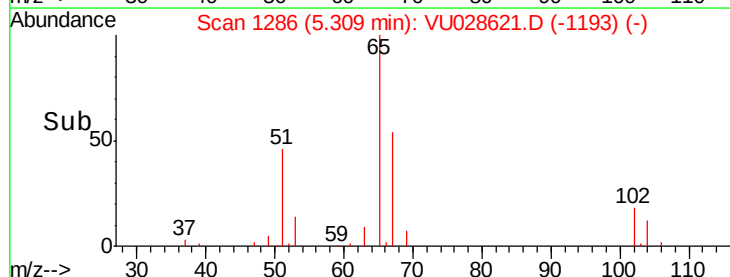
20000

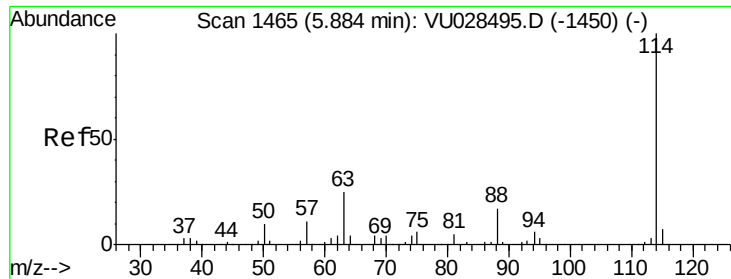
10000

0

5.20 5.25 5.30 5.35 5.40

Time-->

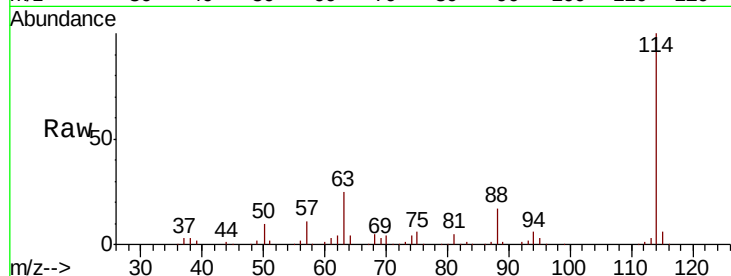




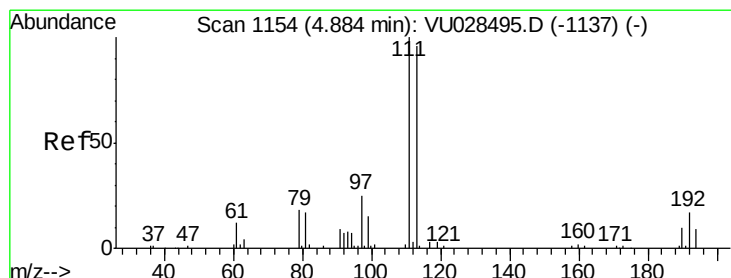
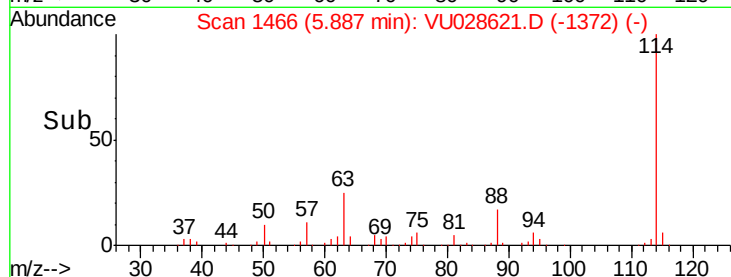
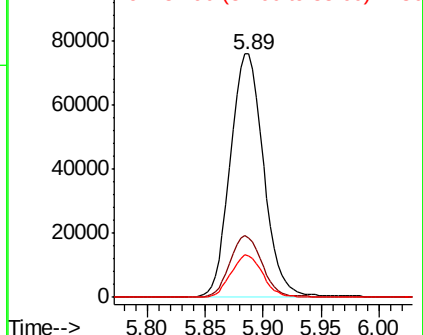
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028621.D
 Acq: 11 Dec 2018 20:51

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205DL

Tot Ion:114 Resp: 151636
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.2 0.0 33.4

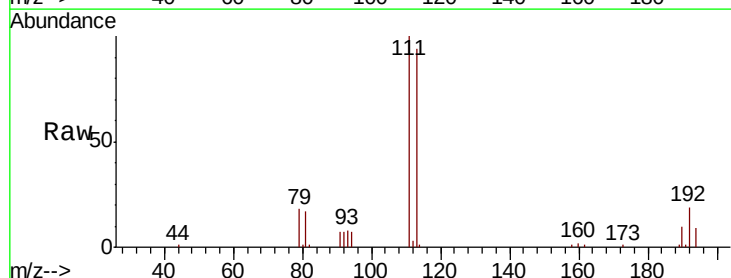


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

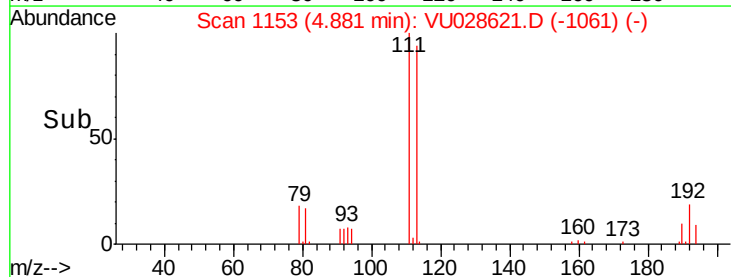
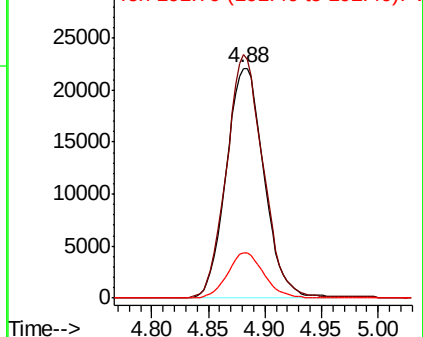


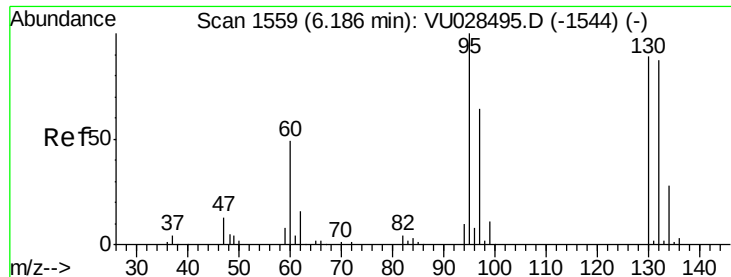
#35
 Dibromofluoromethane
 Concen: 53.834 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028621.D
 Acq: 11 Dec 2018 20:51

Tgt Ion:113 Resp: 51371
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 18.9 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: 35.882 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028621.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_U

ClientSampleId :

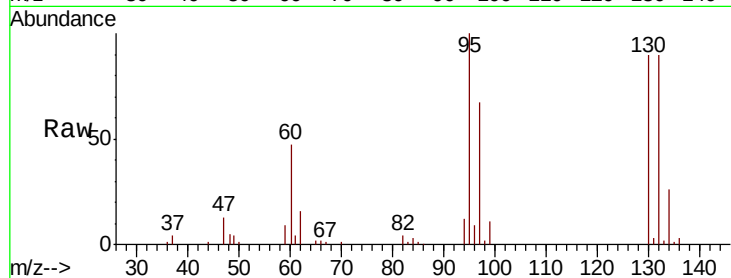
RE-131D1-20181205DL

Tot Ion:130 Resp: 38991

Ion Ratio Lower Upper

130 100

95 110.5 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)

6.19

25000

20000

15000

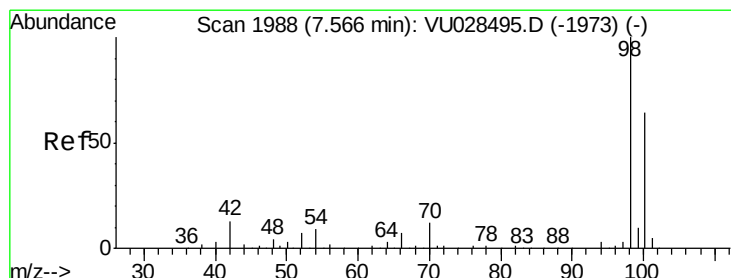
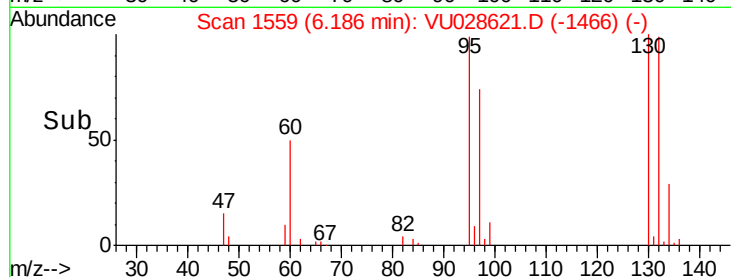
10000

5000

0

Time-->

6.10 6.15 6.20 6.25 6.30



#50

Toluene-d8

Concen: 51.514 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028621.D

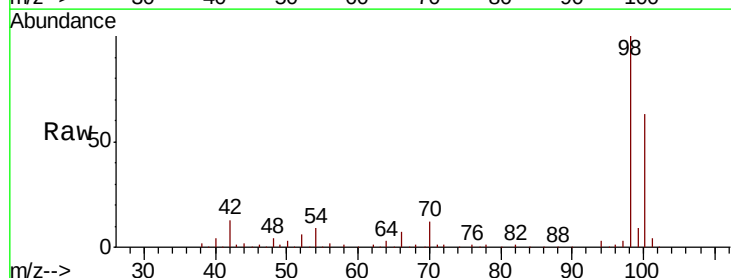
Acq: 11 Dec 2018 20:51

Tgt Ion: 98 Resp: 194459

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

120000

100000

80000

60000

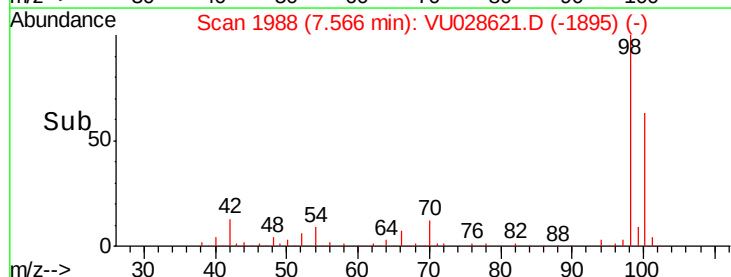
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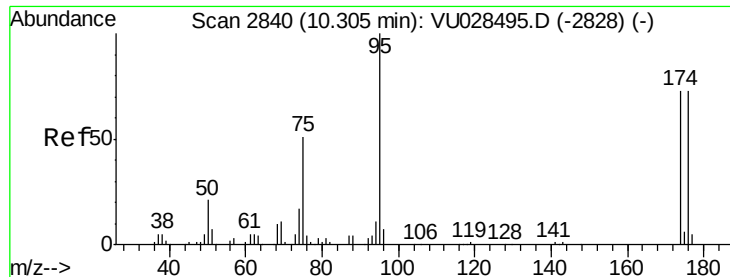
20000

0

Time-->

7.50 7.55 7.60 7.65





#62

4-Bromofluorobenzene

Concen: 46.416 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028621.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_U

ClientSampleId :

RE-131D1-20181205DL

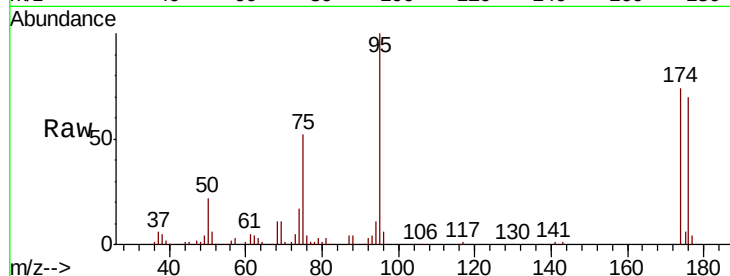
Tot Ion: 95 Resp: 65489

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

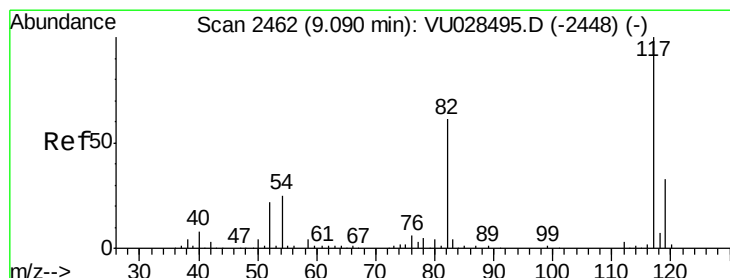
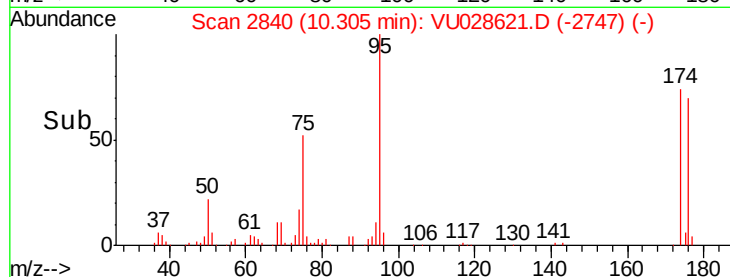
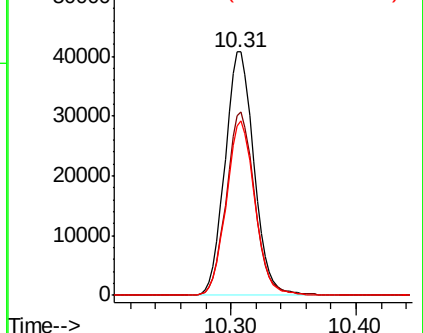
176 70.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028621.D

Acq: 11 Dec 2018 20:51

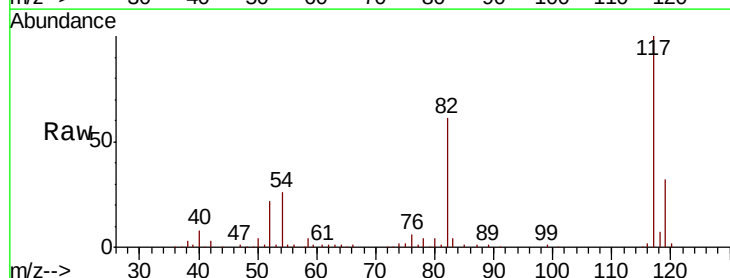
Tgt Ion: 117 Resp: 137127

Ion Ratio Lower Upper

117 100

82 60.7 48.9 73.3

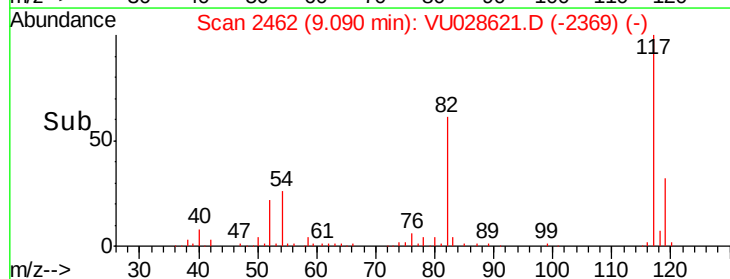
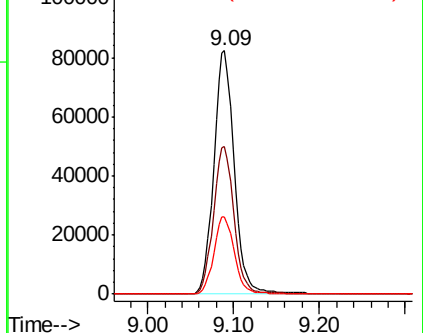
119 31.9 26.2 39.4

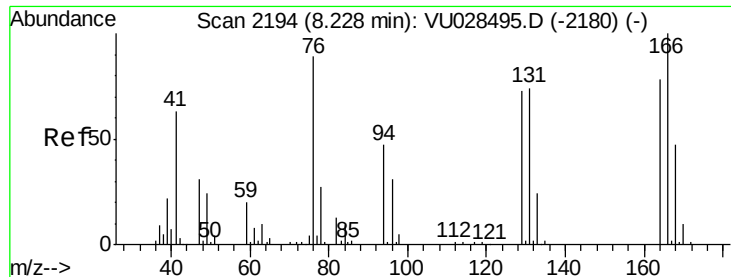


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 2.598 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028621.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_U

ClientSampleId :

RE-131D1-20181205DL

Tot Ion:164 Resp: 2376

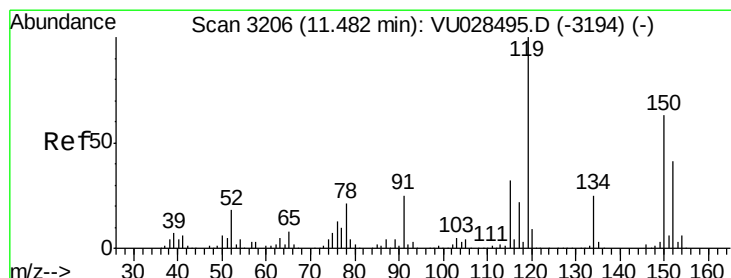
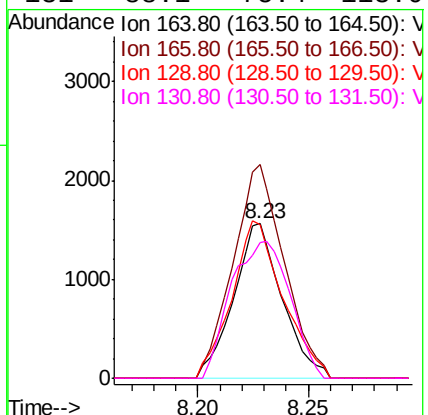
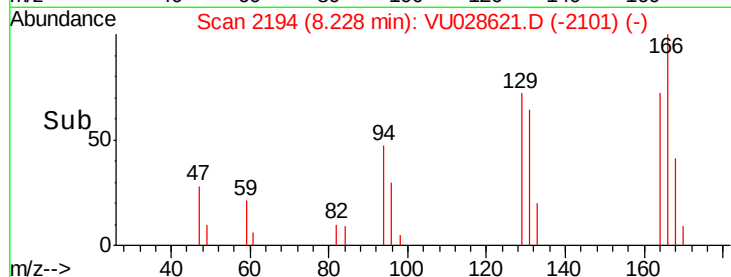
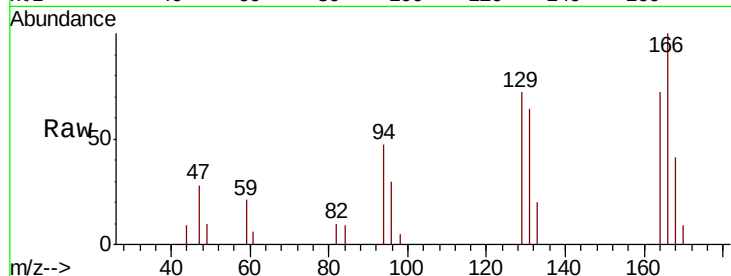
Ion Ratio Lower Upper

164 100

166 138.4 101.9 152.9

129 99.3 74.9 112.3

131 88.1 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: VU028621.D

Acq: 11 Dec 2018 20:51

Tgt Ion:152 Resp: 52632

Ion Ratio Lower Upper

152 100

115 61.8 42.7 128.1

150 157.9 0.0 346.0

