

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120618\
 Data File : VU028509.D
 Acq On : 06 Dec 2018 18:31
 Operator : MD/SY
 Sample : J6252-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW02D-M16W4-11-29-18

Quant Time: Dec 07 06:46:28 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

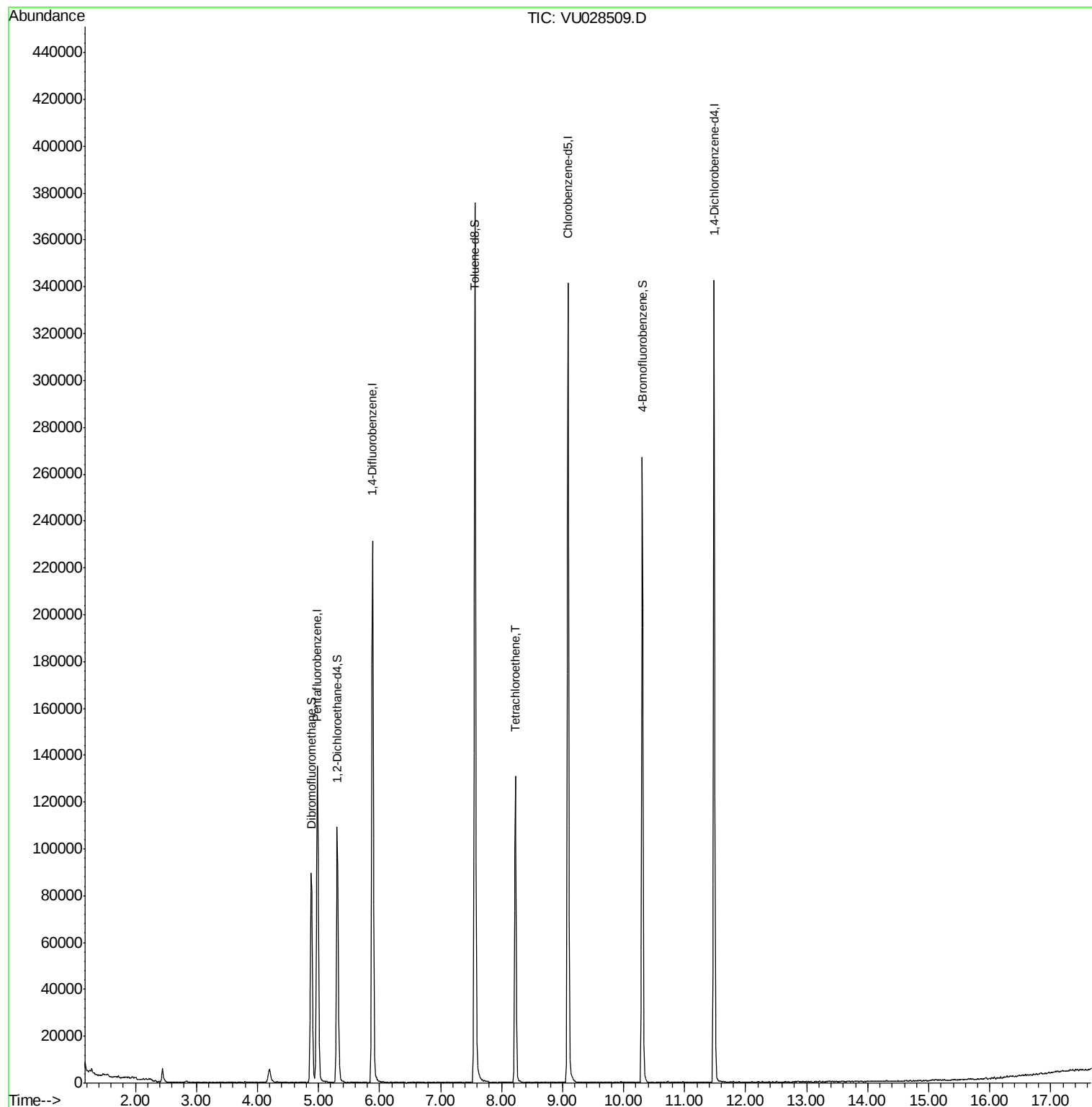
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	101185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	187598	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	83070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84591	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
35) Dibromofluoromethane	4.88	113	61833	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
50) Toluene-d8	7.57	98	249585	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	10.31	95	90409	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
Target Compounds						
64) Tetrachloroethene	8.23	164	28401	23.994	ug/l	Qvalue 96

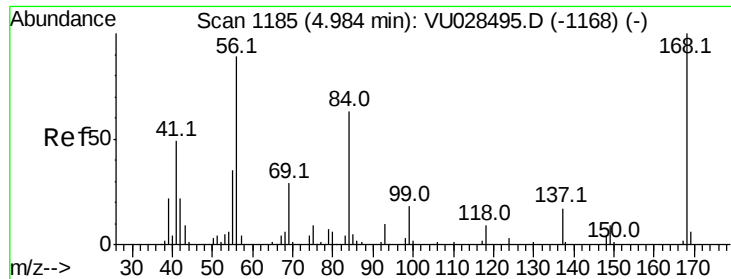
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

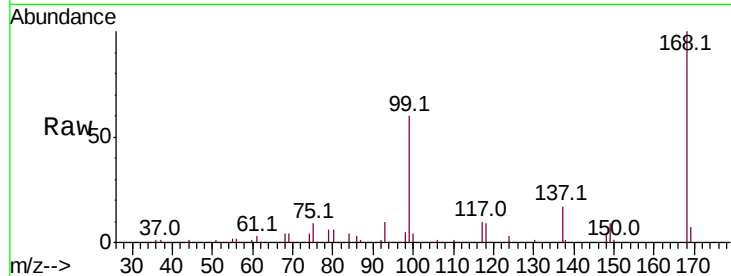
CPA-CPMW02D-M16W4-11-29-18

Tot Ion:168 Resp: 101185

Ion Ratio Lower Upper

168 100

99 59.8 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-->

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-->

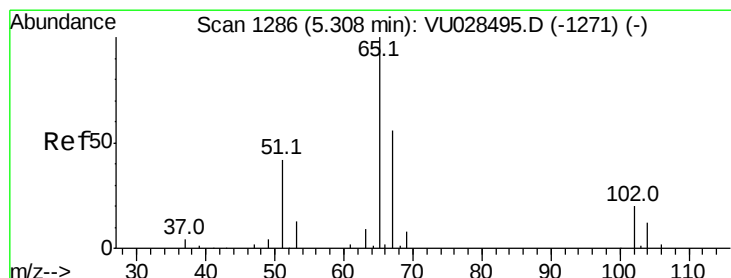
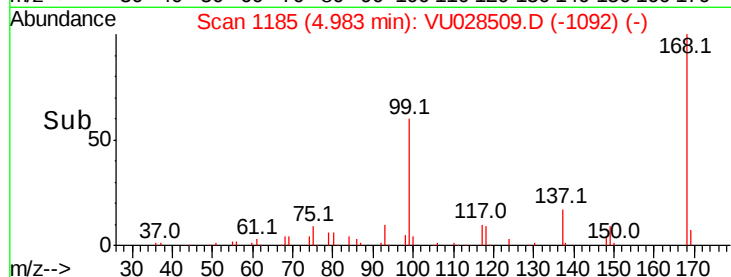
Abundance

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: 54.782 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028509.D

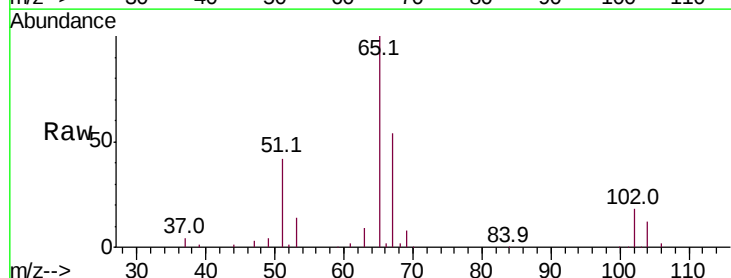
Acq: 06 Dec 2018 18:31

Tgt Ion: 65 Resp: 84591

Ion Ratio Lower Upper

65 100

67 54.2 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-->

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-->

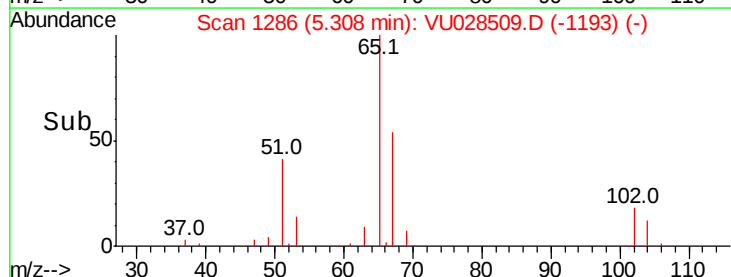
Abundance

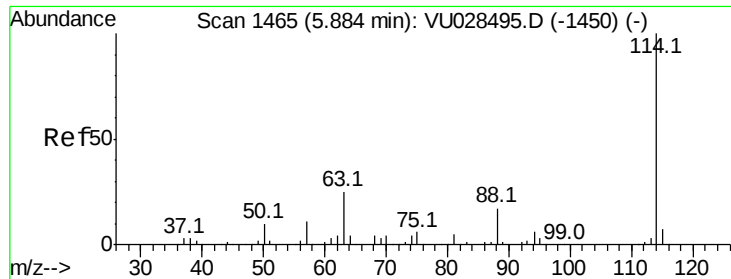
Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

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: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW02D-M16W4-11-29-18

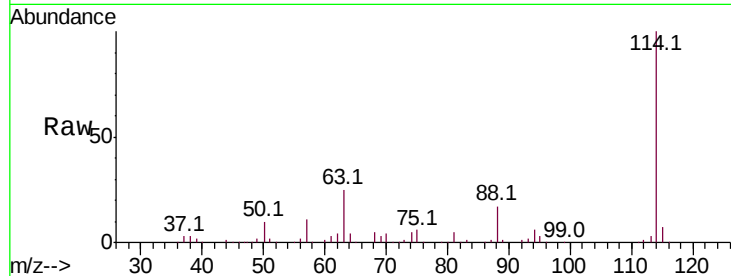
Tot Ion:114 Resp: 187598

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

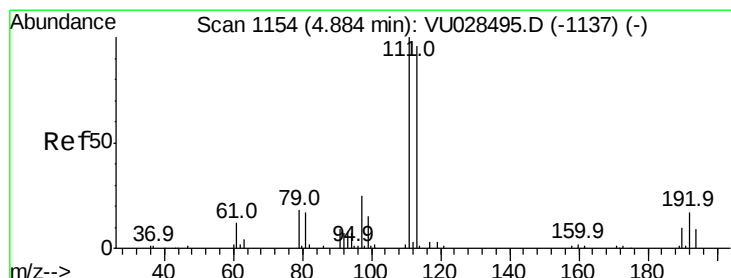
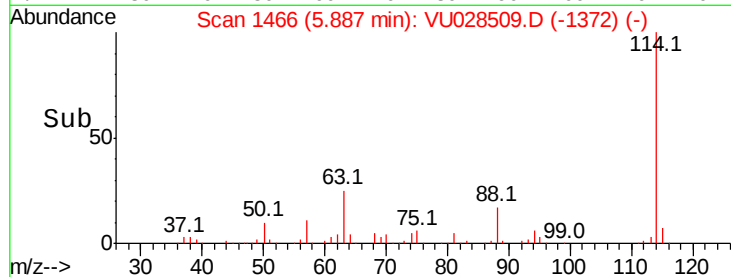
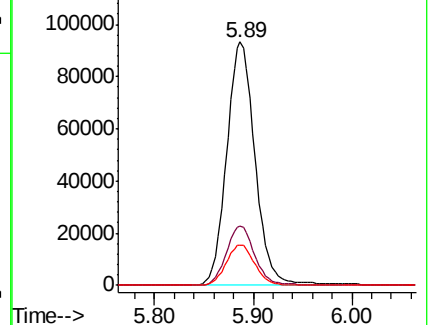
88 16.6 0.0 33.4



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: 52.376 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

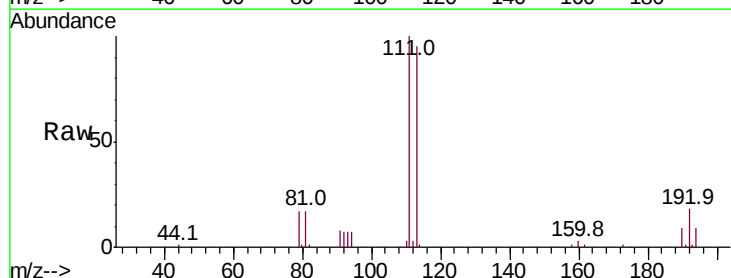
Tgt Ion:113 Resp: 61833

Ion Ratio Lower Upper

113 100

111 104.9 83.4 125.0

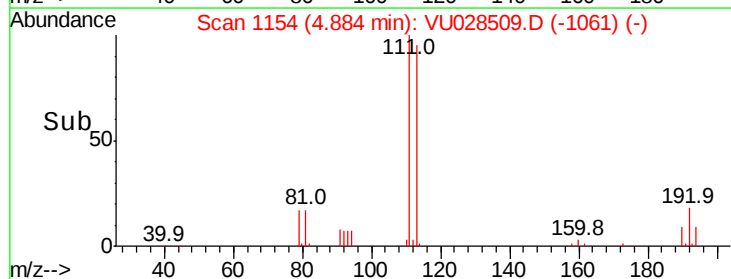
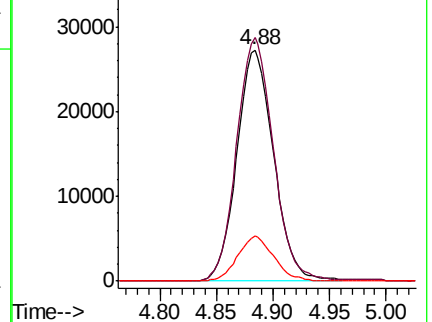
192 19.1 14.8 22.2

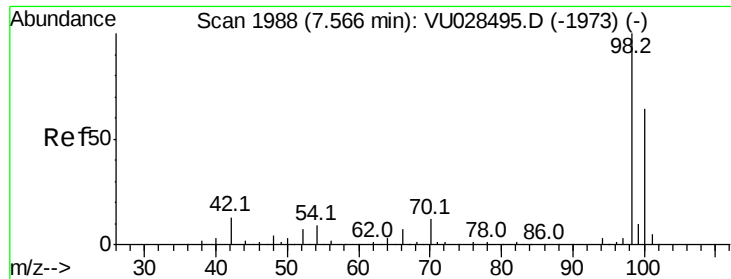


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.443 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

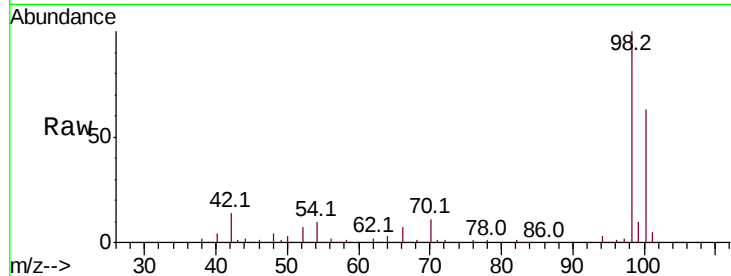
CPA-CPMW02D-M16W4-11-29-18

Tot Ion: 98 Resp: 249585

Ion Ratio Lower Upper

98 100

100 62.8 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

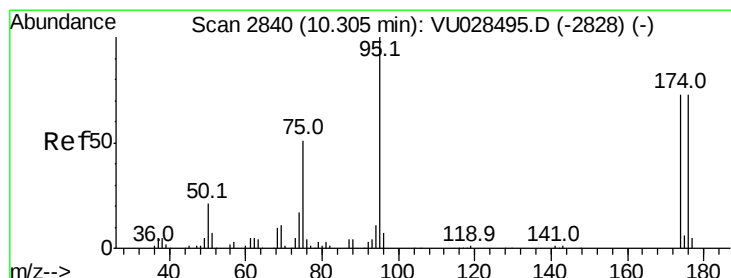
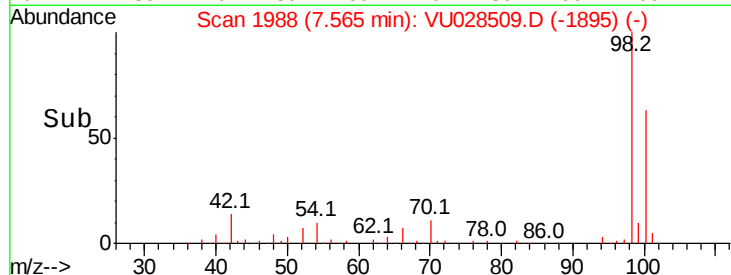
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.795 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

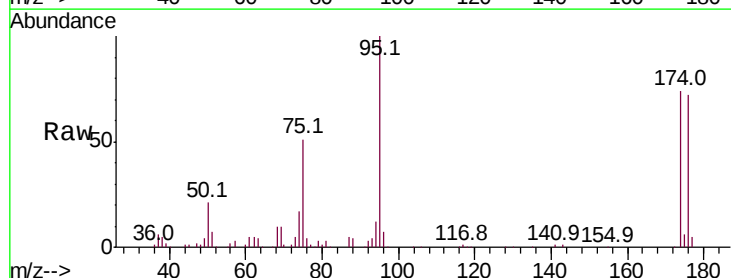
Tgt Ion: 95 Resp: 90409

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.4

176 72.4 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) (-)

10.31

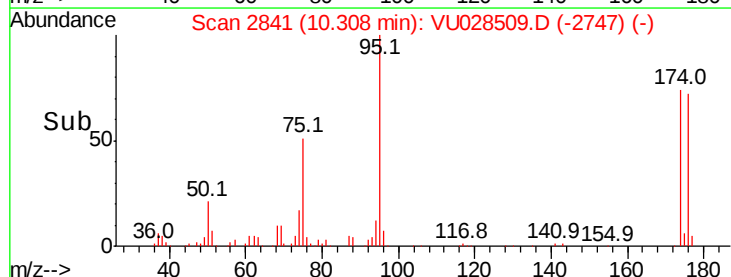
60000

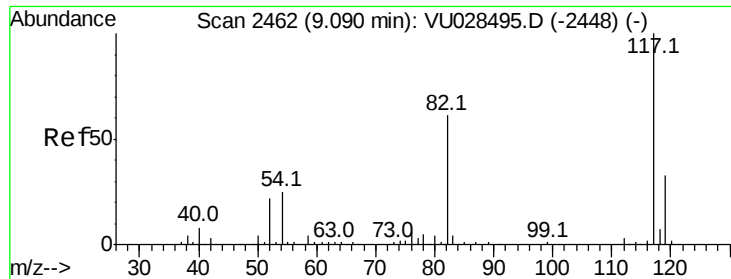
40000

20000

0

Time-->

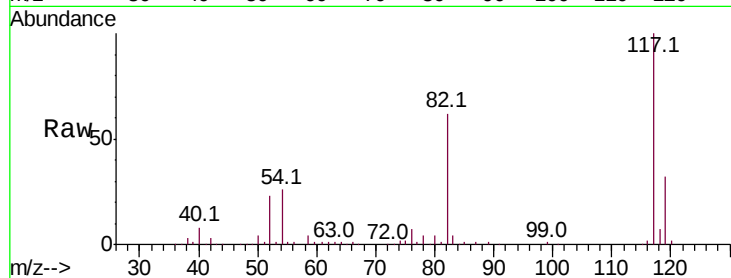




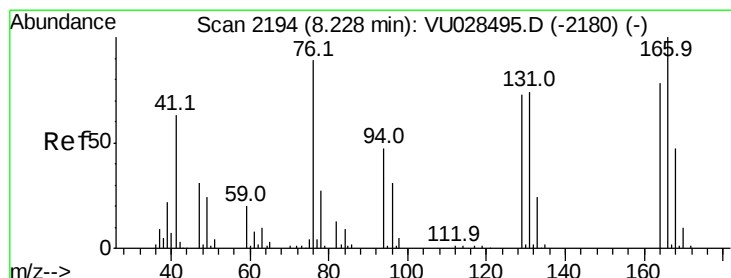
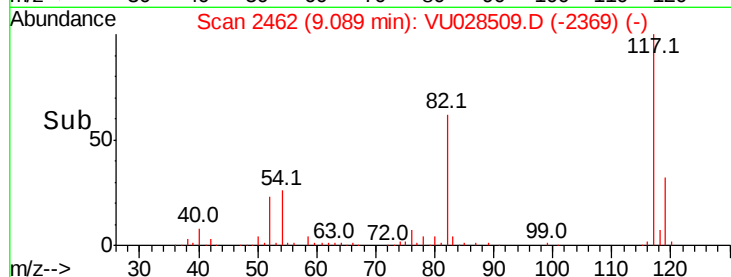
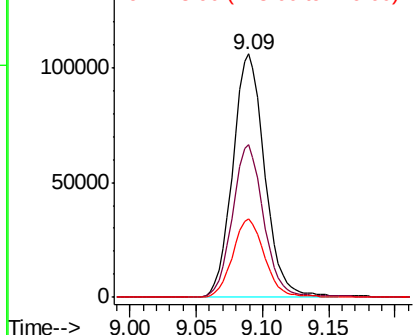
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028509.D
Acq: 06 Dec 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW02D-M16W4-11-29-18

Tot Ion:117 Resp: 177453
Ion Ratio Lower Upper
117 100
82 62.5 48.9 73.3
119 32.2 26.2 39.4

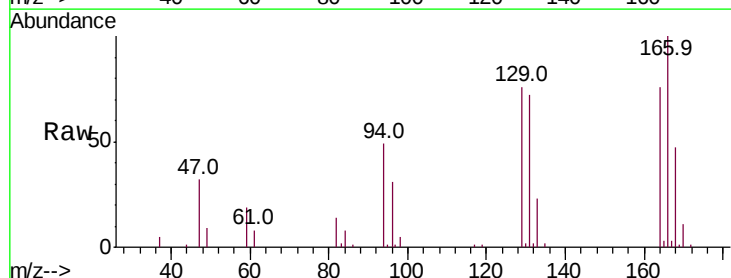


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

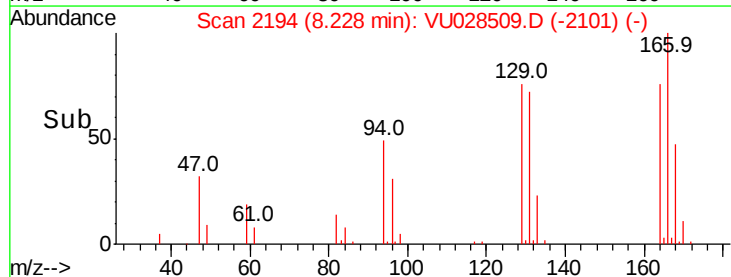
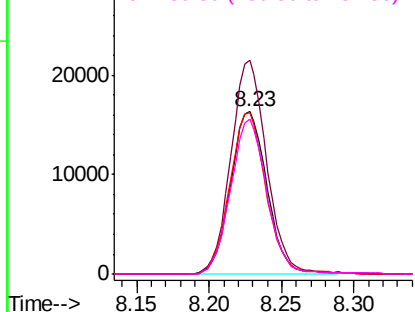


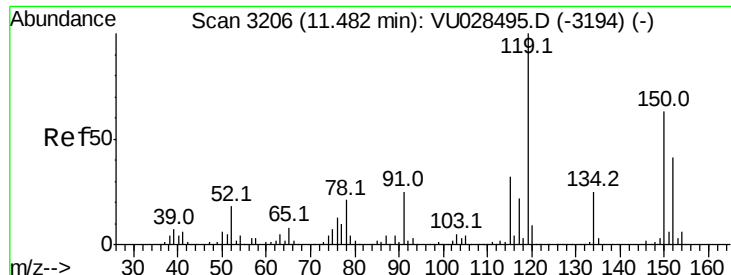
#64
Tetrachloroethene
Concen: 23.994 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028509.D
Acq: 06 Dec 2018 18:31

Tgt Ion:164 Resp: 28401
Ion Ratio Lower Upper
164 100
166 131.6 101.9 152.9
129 99.5 74.9 112.3
131 95.4 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: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW02D-M16W4-11-29-18

Tot Ion:152 Resp: 83070

Ion Ratio Lower Upper

152 100

115 60.7 42.7 128.1

150 157.5 0.0 346.0

