

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120618\
 Data File : VU028515.D
 Acq On : 06 Dec 2018 20:50
 Operator : MD/SY
 Sample : J6252-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M16W4-11-27-18

Quant Time: Dec 07 06:58:02 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

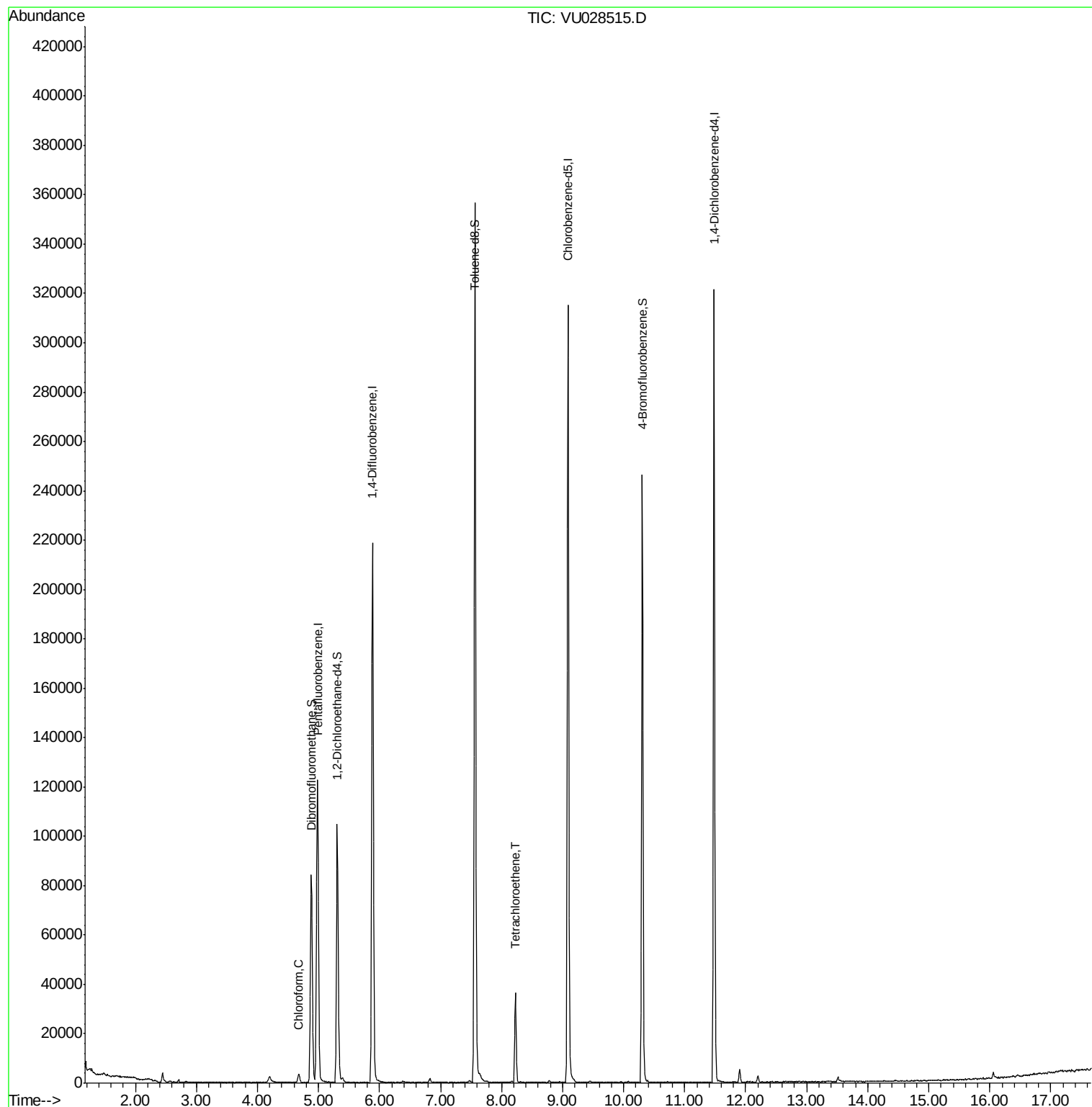
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	94942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	176656	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79072	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
35) Dibromofluoromethane	4.88	113	57799	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	7.57	98	234627	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	10.31	95	83284	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
30) Chloroform	4.68	83	3543	1.597	ug/l	89
64) Tetrachloroethene	8.23	164	8239	7.446	ug/l	90

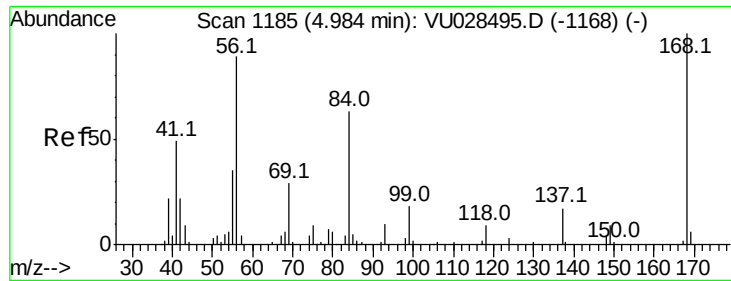
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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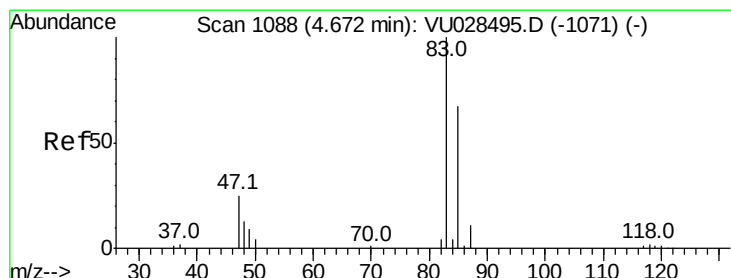
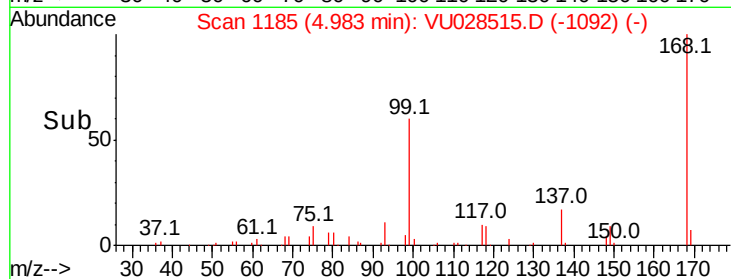
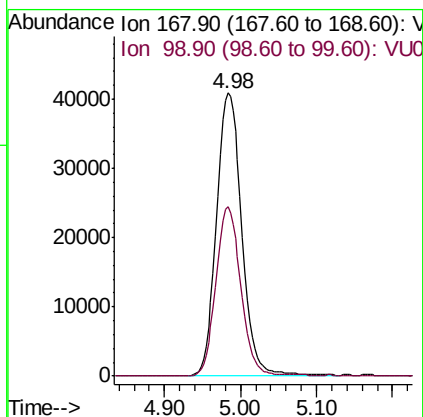
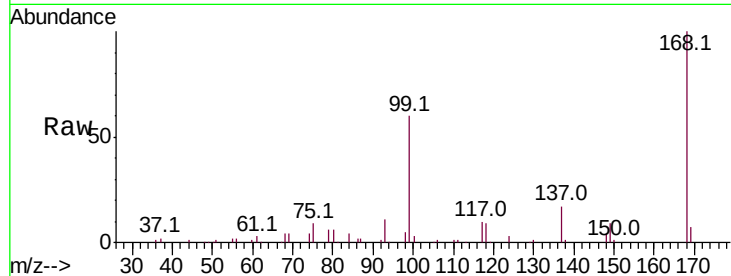




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028515.D
Acq: 06 Dec 2018 20:50

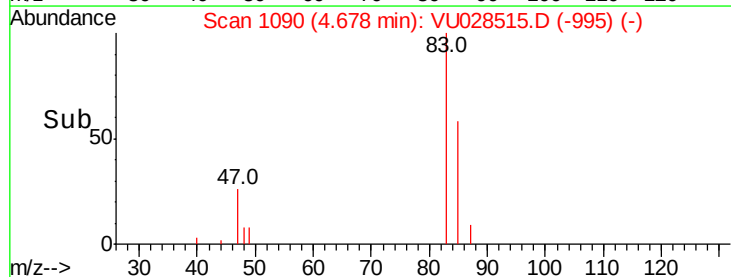
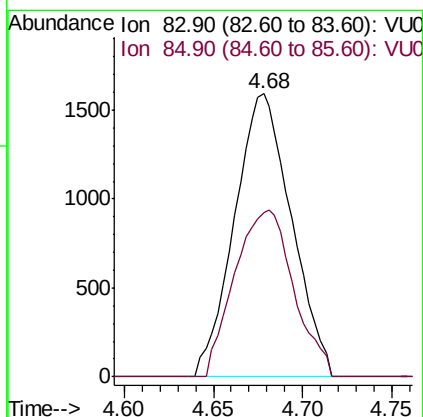
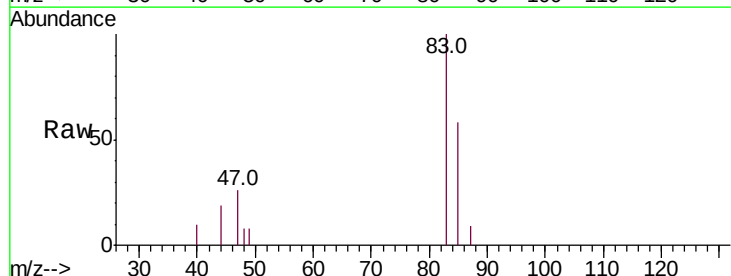
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09S-M16W4-11-27-18

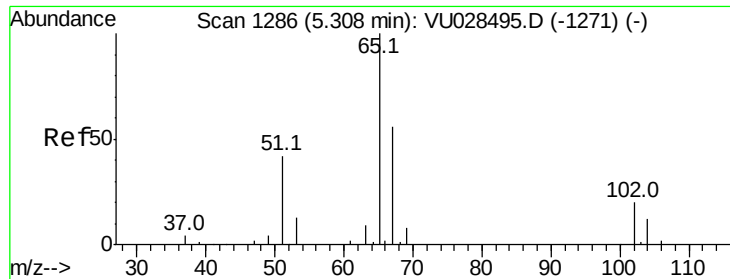
Tot Ion:168 Resp: 94942
Ion Ratio Lower Upper
168 100
99 60.0 46.6 69.8



#30
Chloroform
Concen: 1.597 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VU028515.D
Acq: 06 Dec 2018 20:50

Tgt Ion: 83 Resp: 3543
Ion Ratio Lower Upper
83 100
85 58.0 53.6 80.4

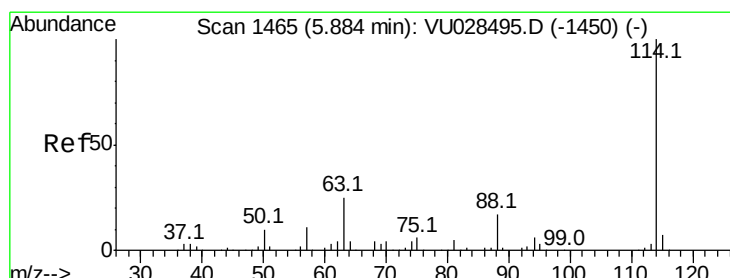
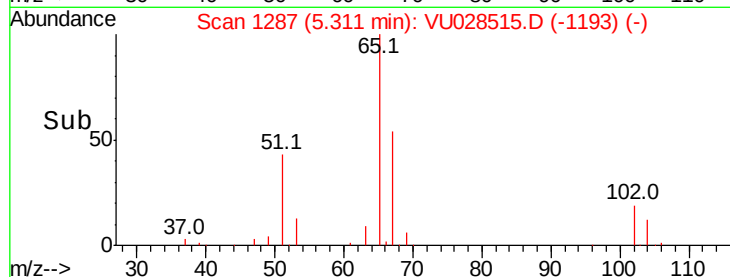
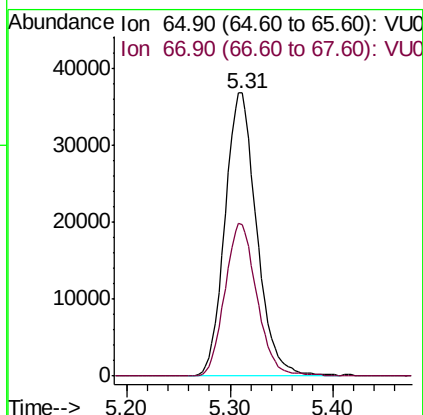
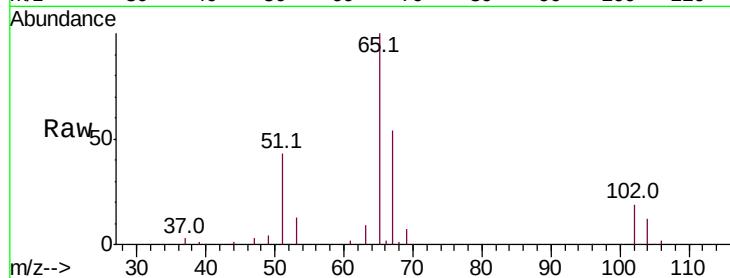




#33
 1,2-Dichloroethane-d4
 Concen: 54.575 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU028515.D
 Acq: 06 Dec 2018 20:50

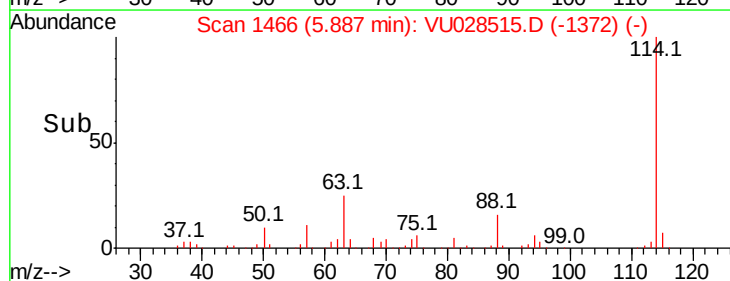
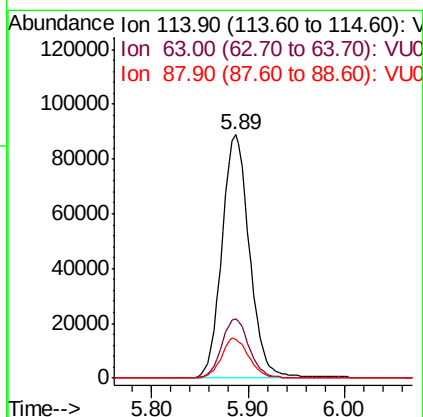
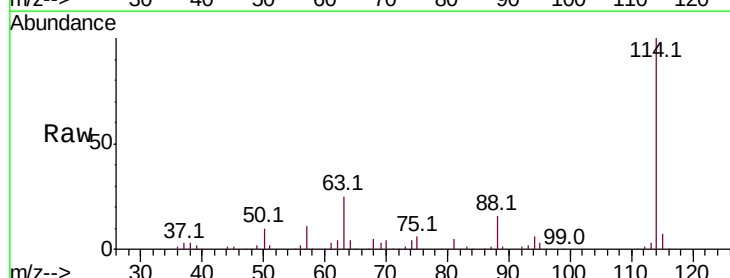
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09S-M16W4-11-27-18

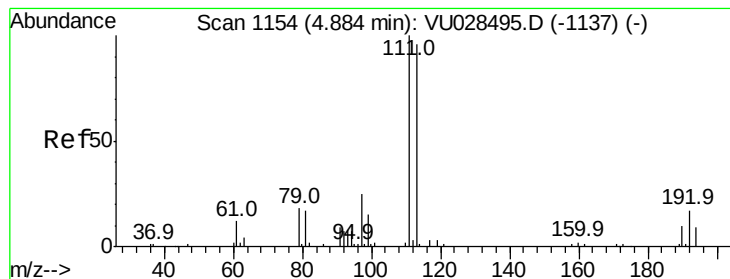
Tot Ion: 65 Resp: 79072
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028515.D
 Acq: 06 Dec 2018 20:50

Tgt Ion: 114 Resp: 176656
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.991 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028515.D

Acq: 06 Dec 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M16W4-11-27-18

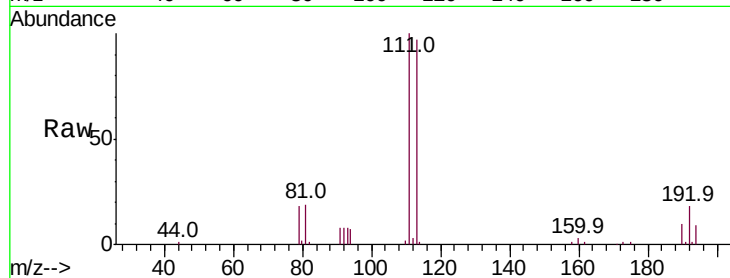
Tot Ion:113 Resp: 57799

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.0

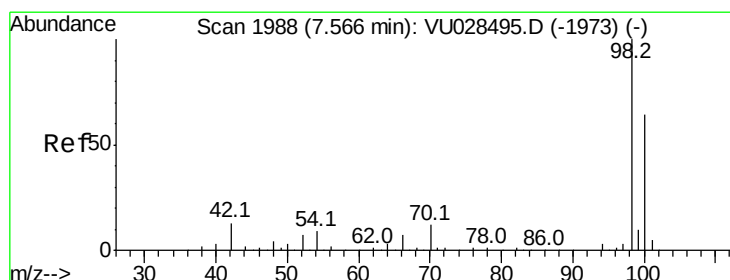
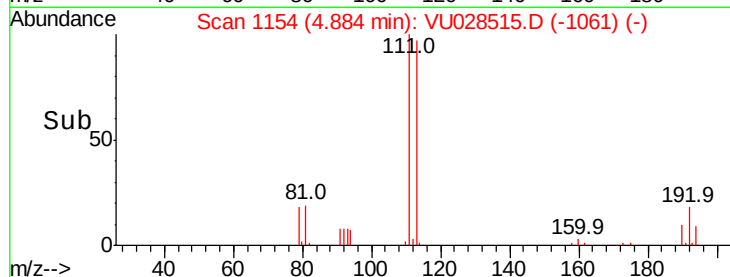
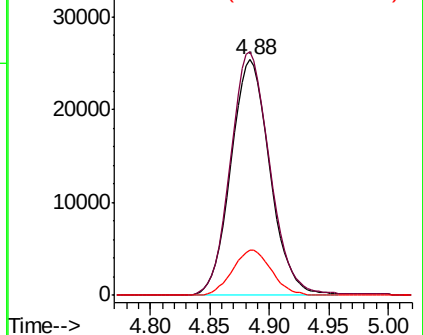
192 19.2 14.8 22.2



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: 53.352 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028515.D

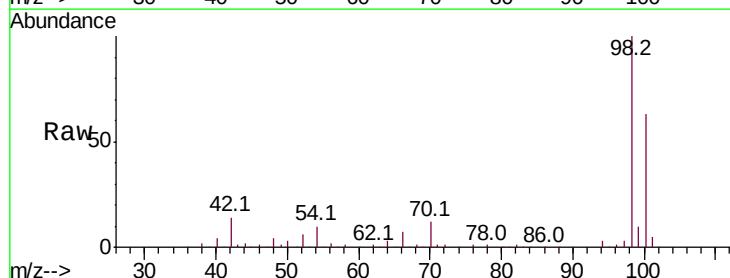
Acq: 06 Dec 2018 20:50

Tgt Ion: 98 Resp: 234627

Ion Ratio Lower Upper

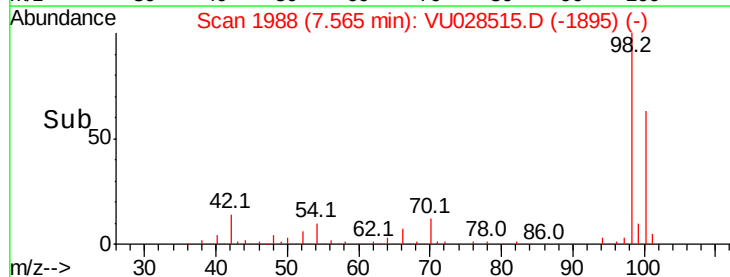
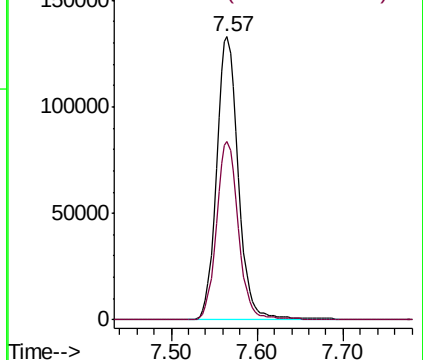
98 100

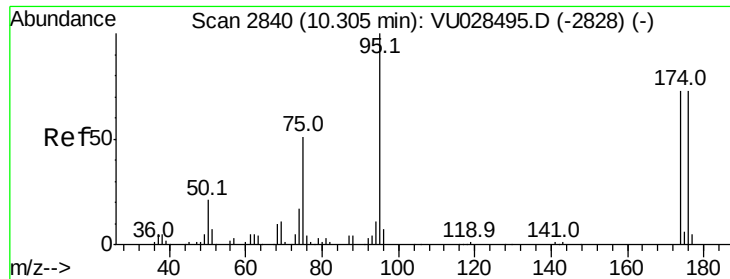
100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 50.668 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028515.D

Acq: 06 Dec 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M16W4-11-27-18

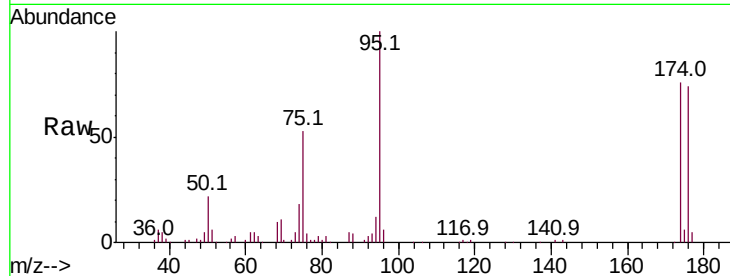
Tot Ion: 95 Resp: 83284

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.4

176 72.1 0.0 145.2

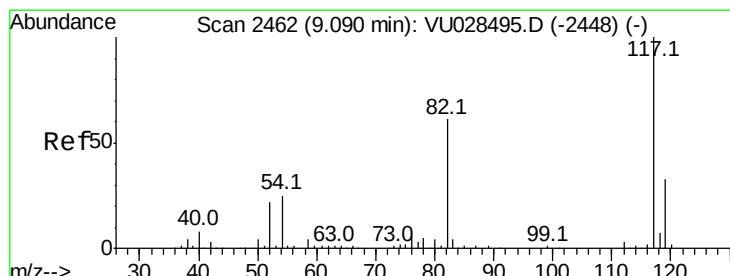
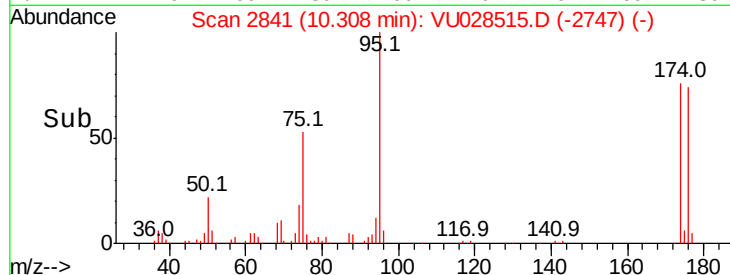


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

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

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028515.D

Acq: 06 Dec 2018 20:50

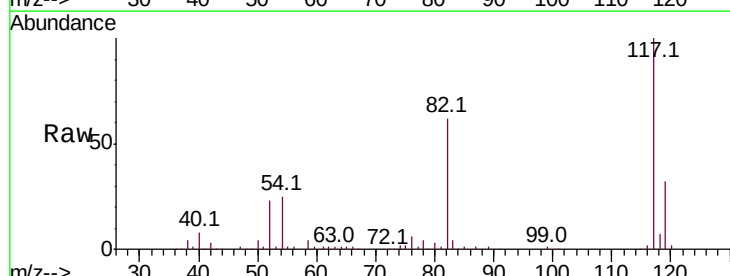
Tgt Ion: 117 Resp: 165883

Ion Ratio Lower Upper

117 100

82 61.7 48.9 73.3

119 32.0 26.2 39.4

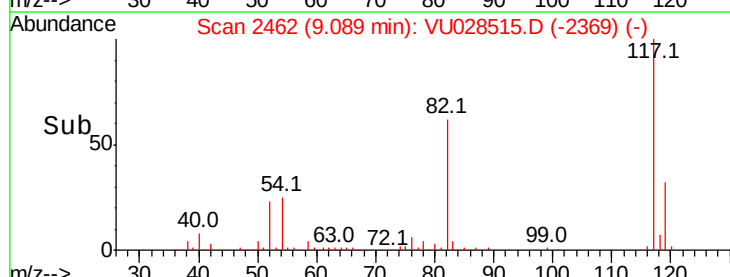


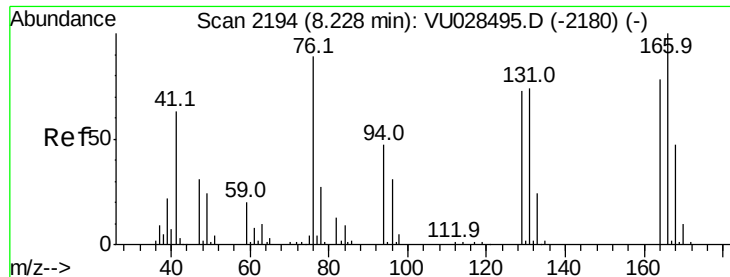
Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

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

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

Time-->





#64

Tetrachloroethene

Concen: 7.446 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028515.D

Acq: 06 Dec 2018 20:50

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09S-M16W4-11-27-18

Tot Ion:164 Resp: 8239

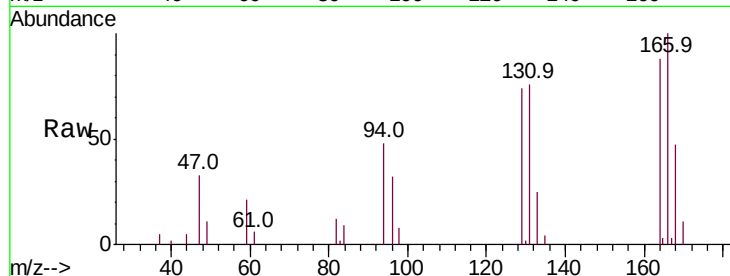
Ion Ratio Lower Upper

164 100

166 113.5 101.9 152.9

129 83.9 74.9 112.3

131 86.1 75.4 113.0

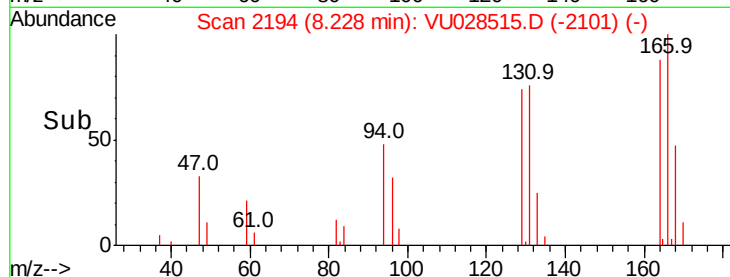


Abundance Ion 163.80 (163.50 to 164.50): V

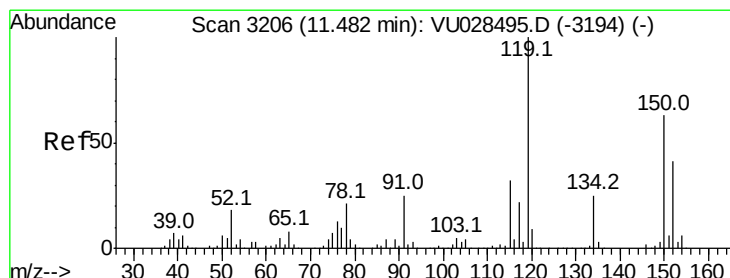
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028515.D

Acq: 06 Dec 2018 20:50

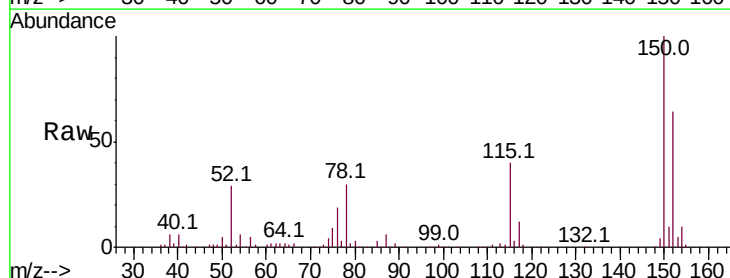
Tgt Ion:152 Resp: 77485

Ion Ratio Lower Upper

152 100

115 61.3 42.7 128.1

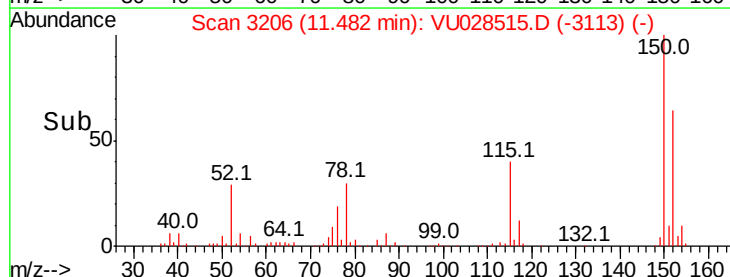
150 156.1 0.0 346.0



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



Time-->