

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120618\
 Data File : VU028511.D
 Acq On : 06 Dec 2018 19:18
 Operator : MD/SY
 Sample : J6252-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW07S-M16W4-11-29-18

Quant Time: Dec 07 09:41:26 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

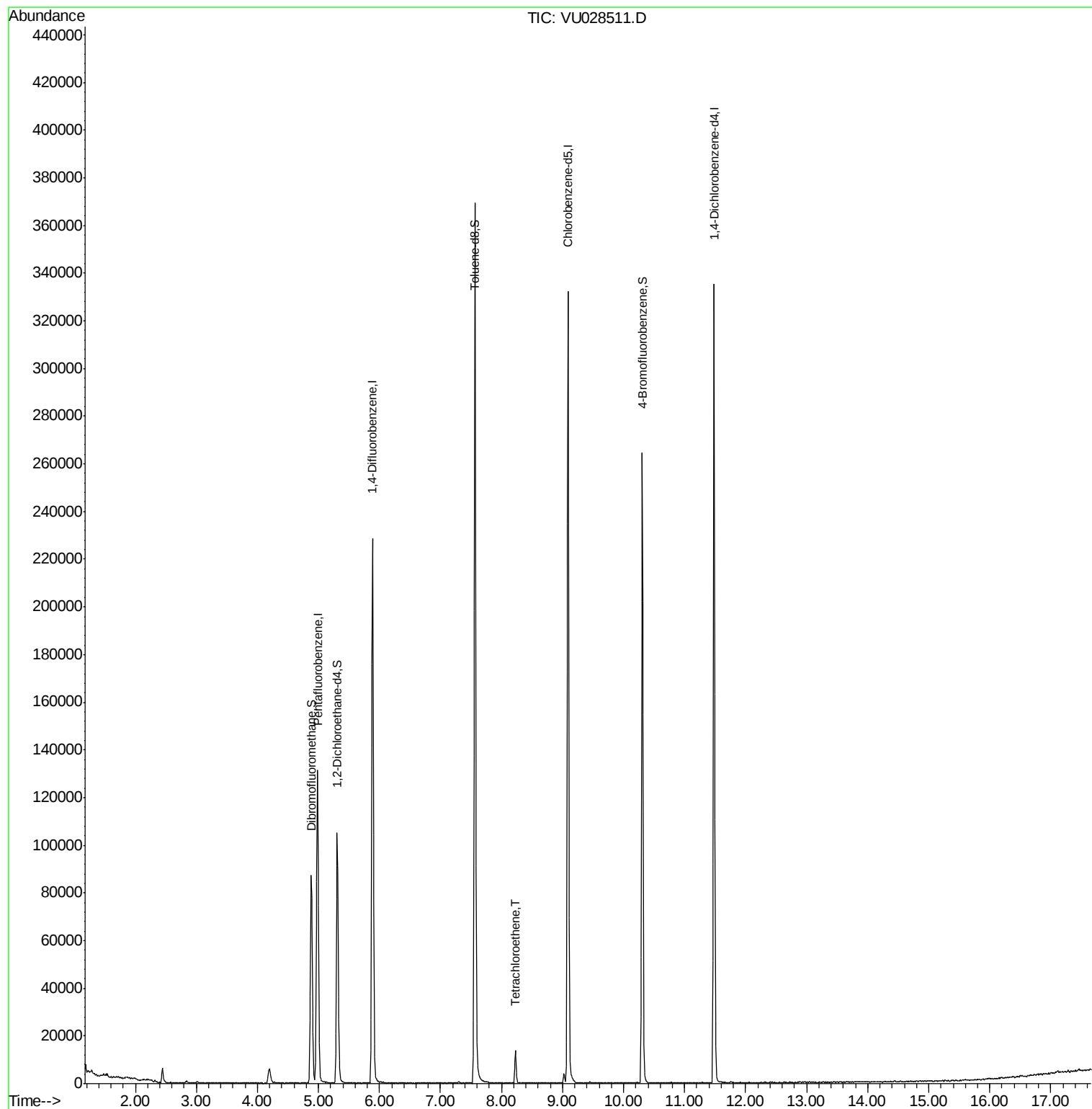
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	97477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	183501	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	83018	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
35) Dibromofluoromethane	4.88	113	60436	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	7.57	98	244211	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	10.30	95	88976	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
Target Compounds						
64) Tetrachloroethene	8.23	164	2986	2.565	ug/l	Qvalue 89

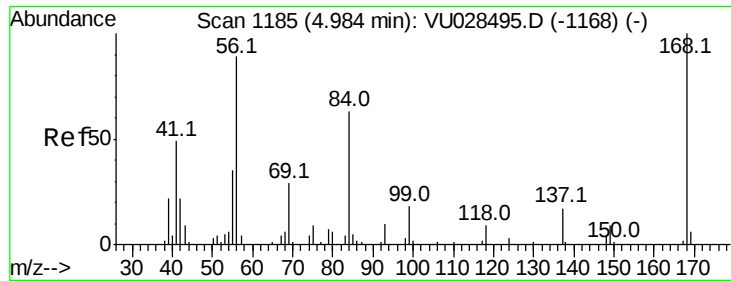
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028511.D

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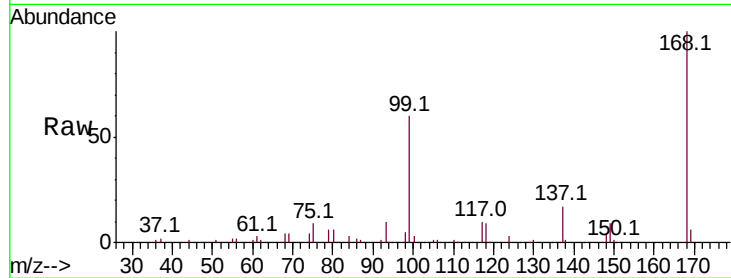
CPA-CPMW07S-M16W4-11-29-18

Tot Ion:168 Resp: 97477

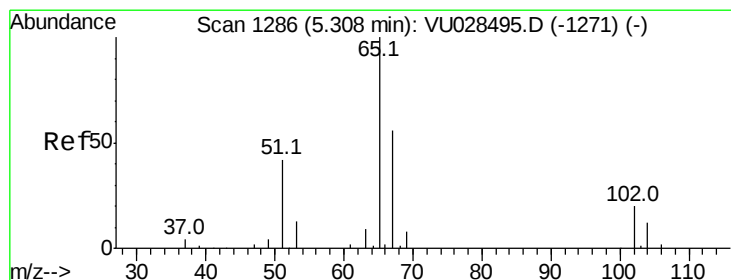
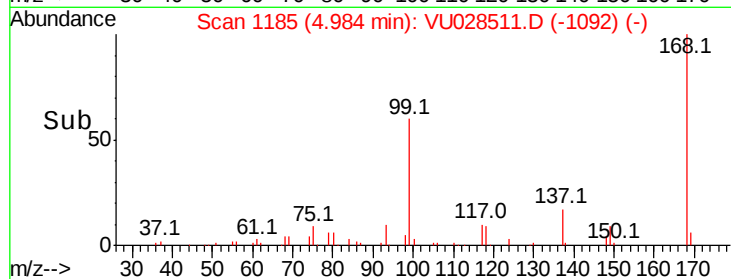
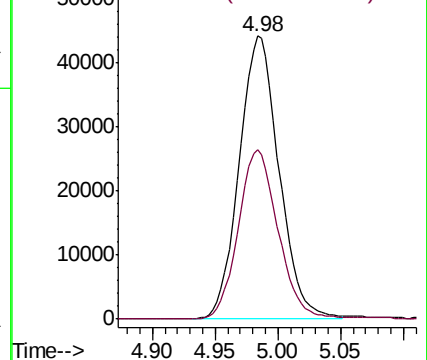
Ion Ratio Lower Upper

168 100

99 60.0 46.6 69.8



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



#33

1,2-Dichloroethane-d4

Concen: 55.808 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028511.D

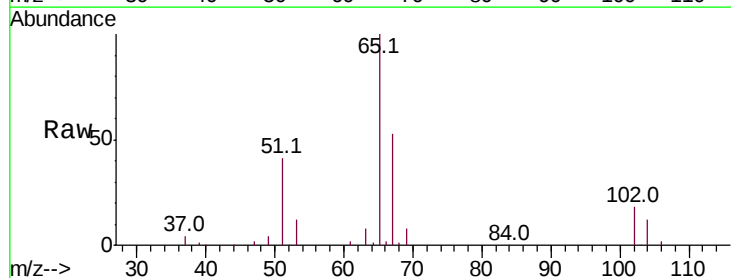
Acq: 06 Dec 2018 19:18

Tgt Ion: 65 Resp: 83018

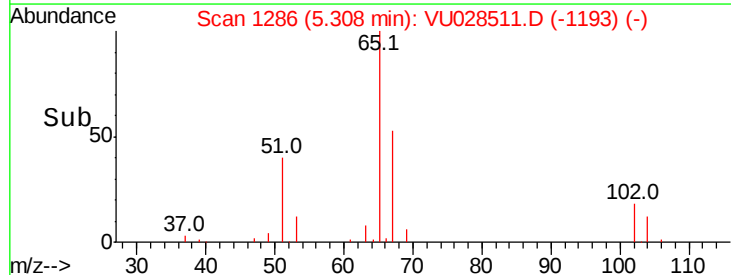
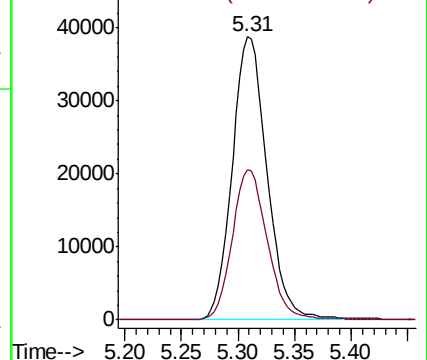
Ion Ratio Lower Upper

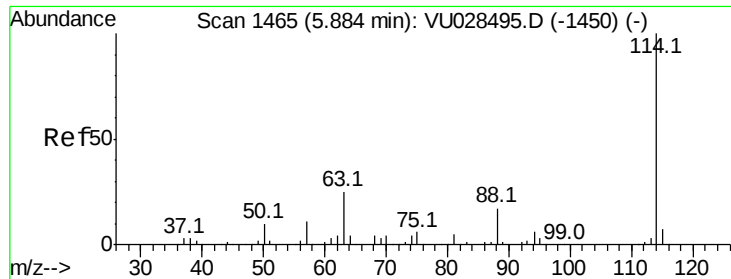
65 100

67 53.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): 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: VU028511.D

Acq: 06 Dec 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW07S-M16W4-11-29-18

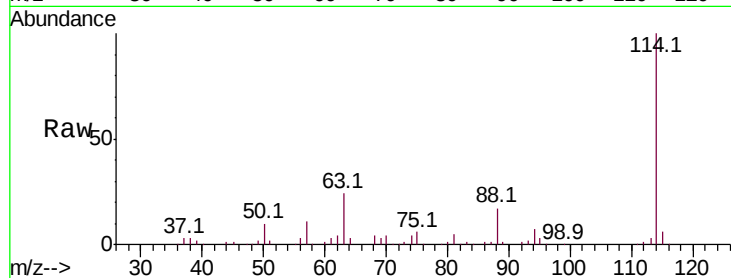
Tot Ion:114 Resp: 183501

Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.2

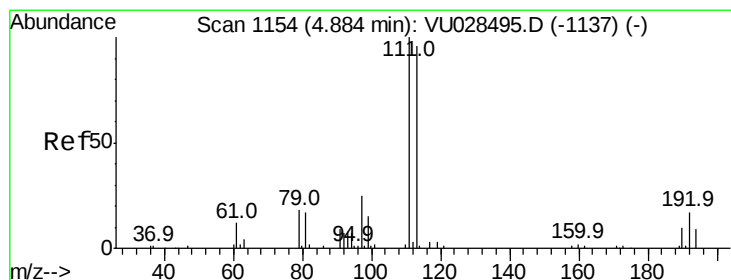
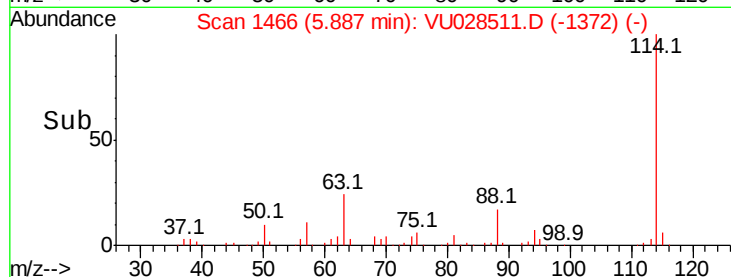
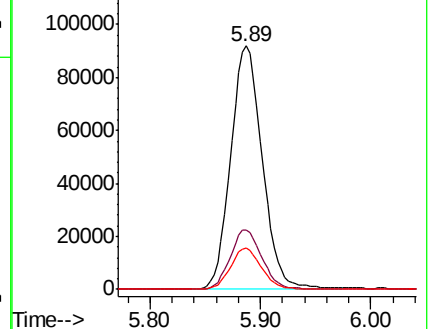
88 16.9 0.0 33.4



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: 52.335 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028511.D

Acq: 06 Dec 2018 19:18

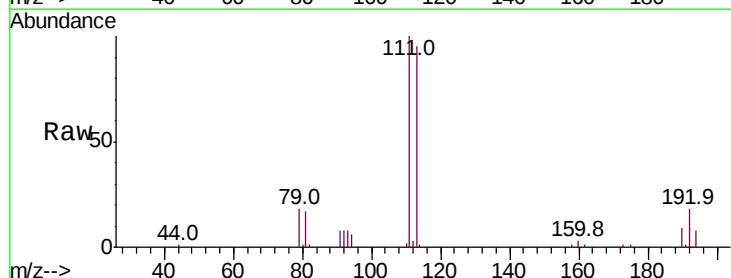
Tgt Ion:113 Resp: 60436

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

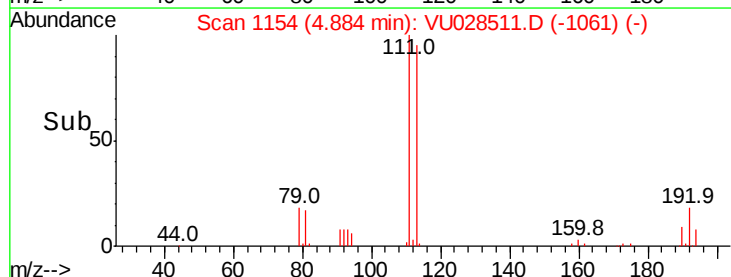
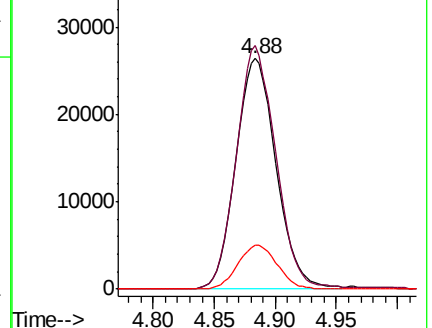
192 18.6 14.8 22.2

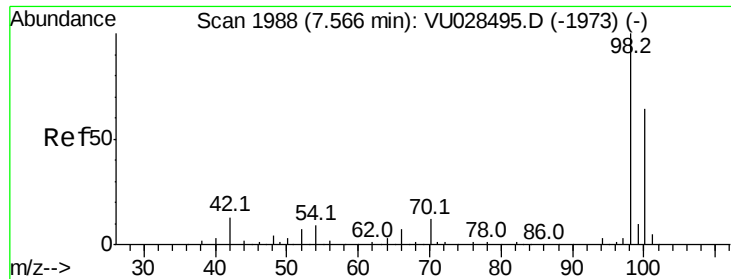


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.460 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028511.D

Acq: 06 Dec 2018 19:18

Instrument :

MSVOA_U

ClientSampleId :

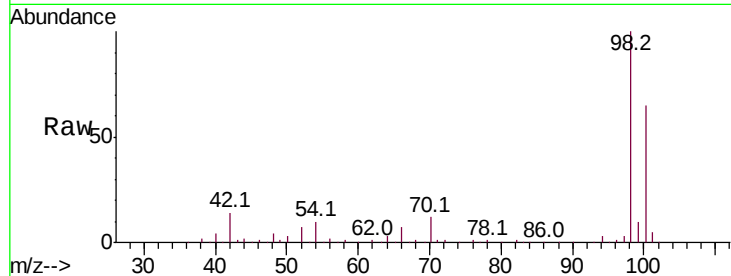
CPA-CPMW07S-M16W4-11-29-18

Tot Ion: 98 Resp: 244211

Ion Ratio Lower Upper

98 100

100 63.3 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

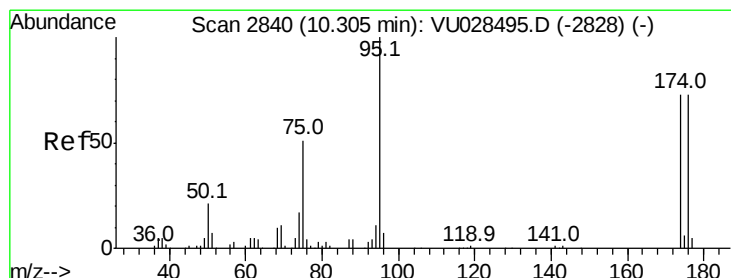
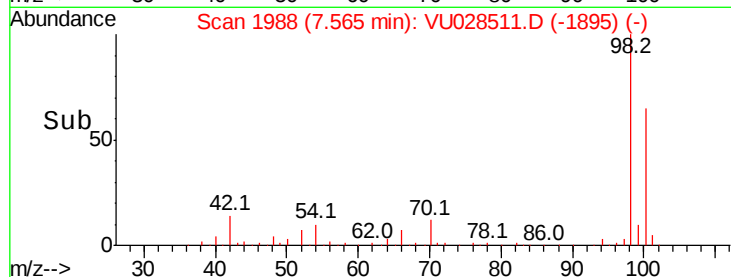
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 52.112 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028511.D

Acq: 06 Dec 2018 19:18

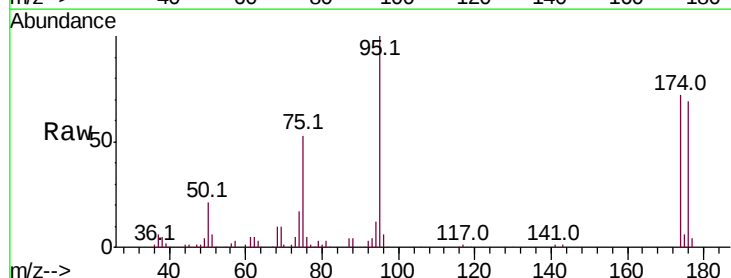
Tgt Ion: 95 Resp: 88976

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.4

176 70.9 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) (-)

10.30

60000

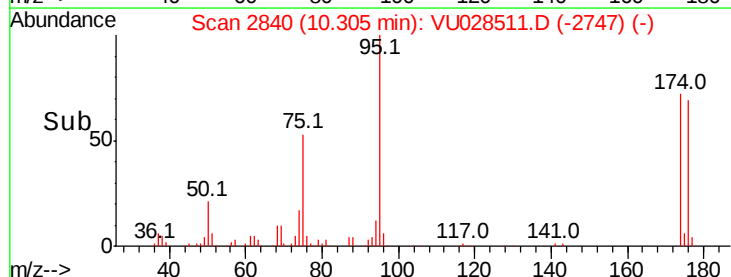
40000

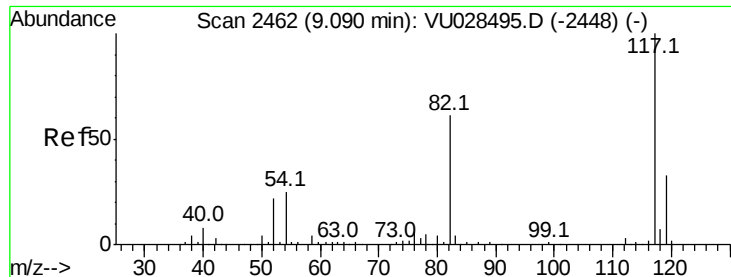
20000

0

10.30 10.40

Time-->

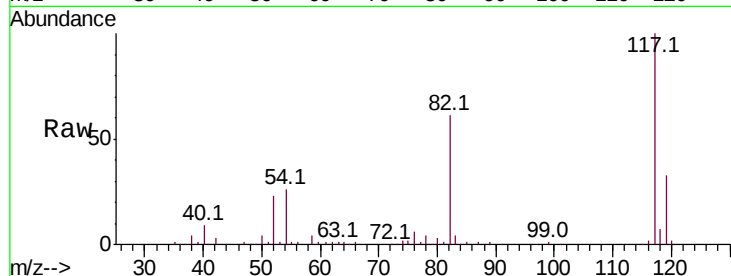




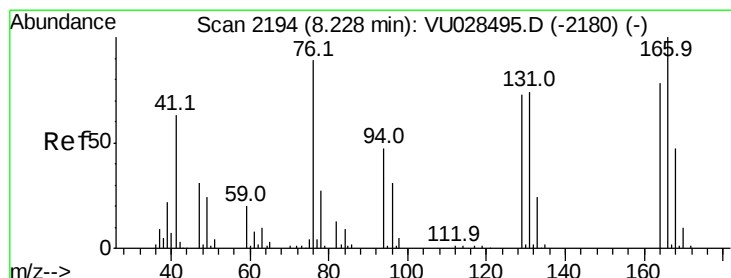
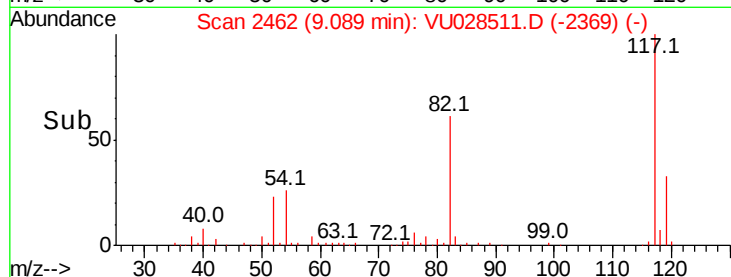
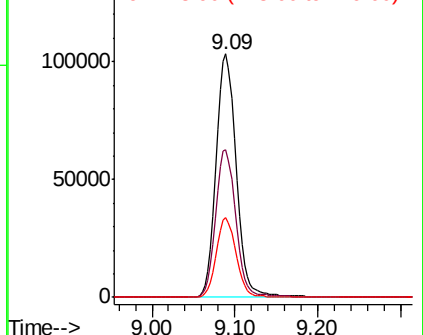
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028511.D
Acq: 06 Dec 2018 19:18

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW07S-M16W4-11-29-18

Tot Ion:117 Resp: 174542
Ion Ratio Lower Upper
117 100
82 60.9 48.9 73.3
119 32.8 26.2 39.4

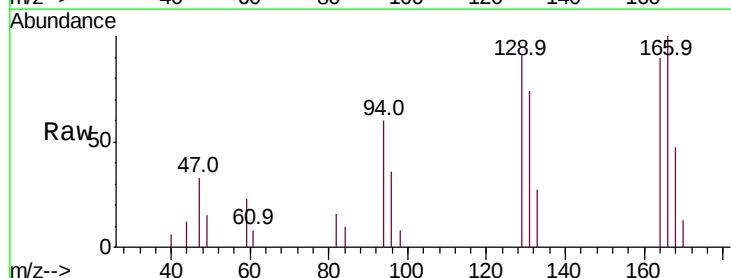


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

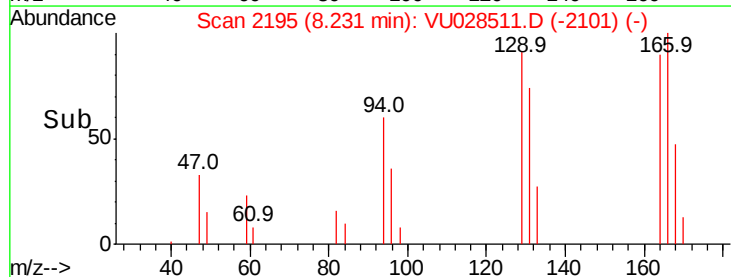
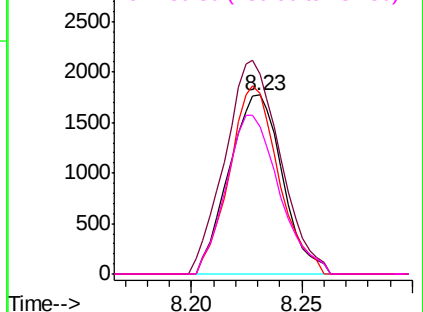


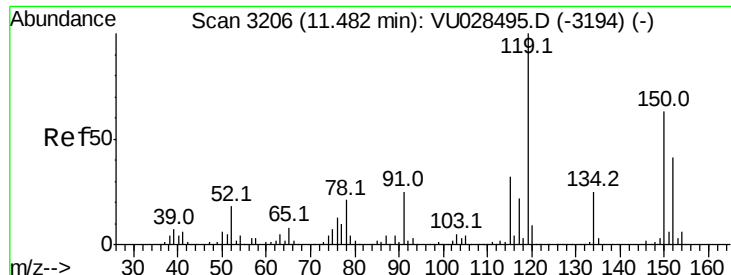
#64
Tetrachloroethene
Concen: 2.565 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU028511.D
Acq: 06 Dec 2018 19:18

Tgt Ion:164 Resp: 2986
Ion Ratio Lower Upper
164 100
166 111.6 101.9 152.9
129 101.0 74.9 112.3
131 82.4 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

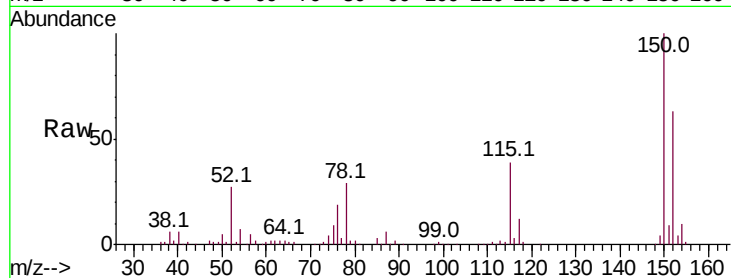




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028511.D
 Acq: 06 Dec 2018 19:18

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW07S-M16W4-11-29-18

Tot Ion:152 Resp: 81582
 Ion Ratio Lower Upper
 152 100
 115 61.5 42.7 128.1
 150 157.2 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

