

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028506.D
 Acq On : 06 Dec 2018 17:22
 Operator : MD/SY
 Sample : J6252-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M16W4-11-28-18

Quant Time: Dec 07 09:39:53 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

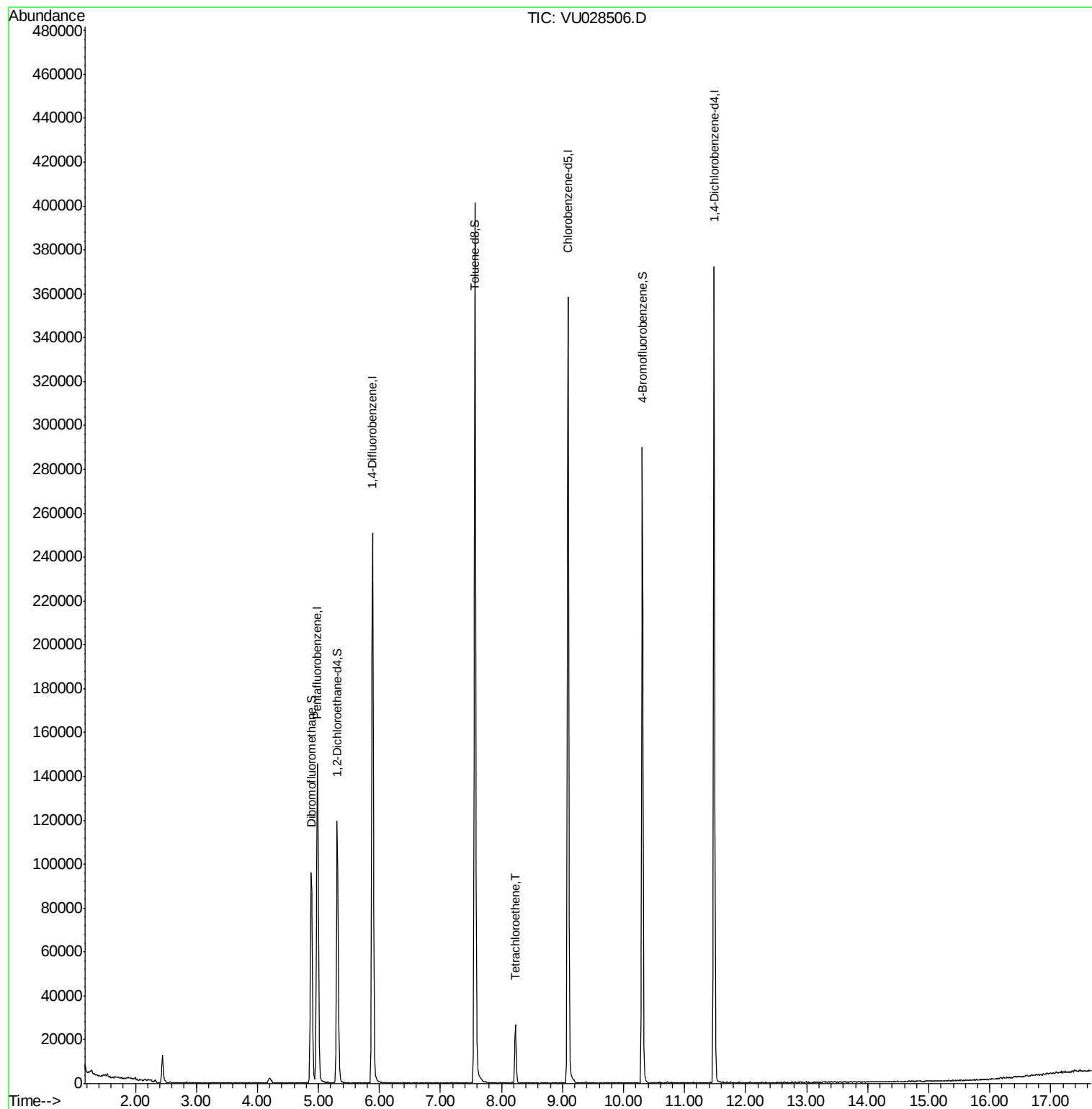
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202289	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	89155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	91074	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
35) Dibromofluoromethane	4.88	113	66969	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
50) Toluene-d8	7.57	98	265502	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	10.31	95	95617	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
64) Tetrachloroethene	8.23	164	5947	4.640	ug/l	Qvalue 97

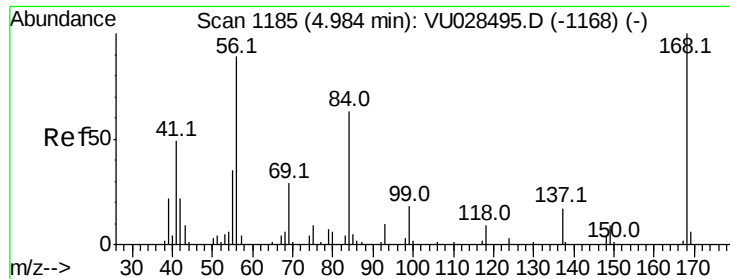
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028506.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

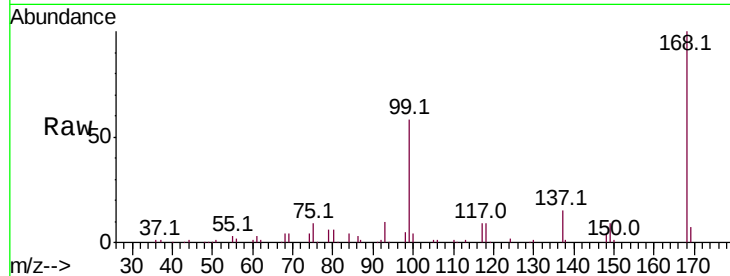
CPA-CPMW04D-M16W4-11-28-18

Tot Ion:168 Resp: 107232

Ion Ratio Lower Upper

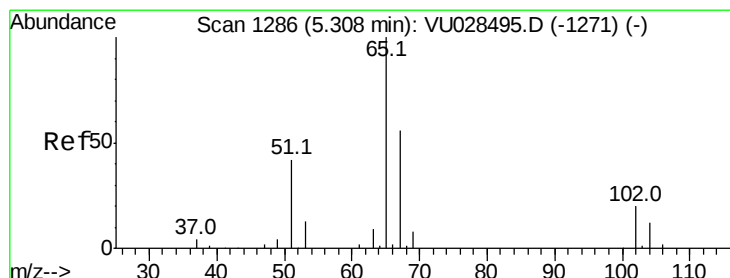
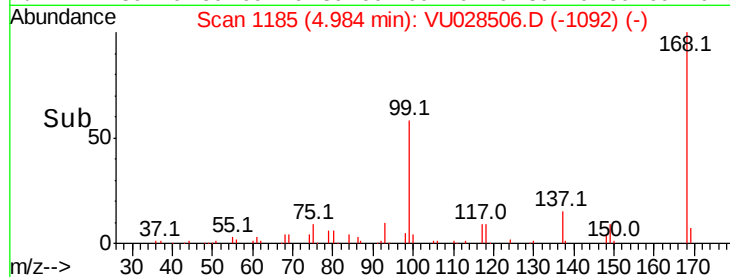
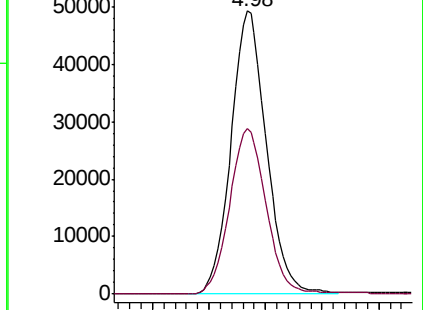
168 100

99 58.4 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: 55.654 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028506.D

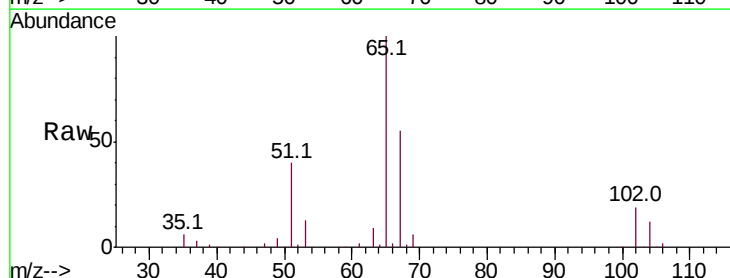
Acq: 06 Dec 2018 17:22

Tgt Ion: 65 Resp: 91074

Ion Ratio Lower Upper

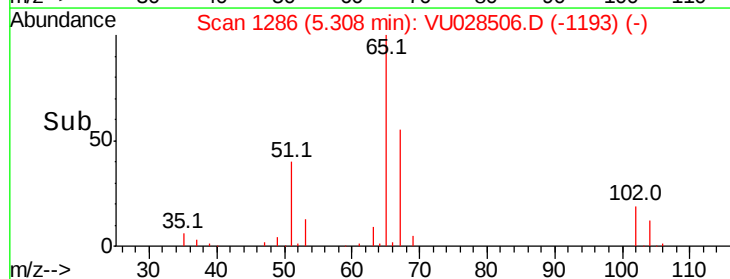
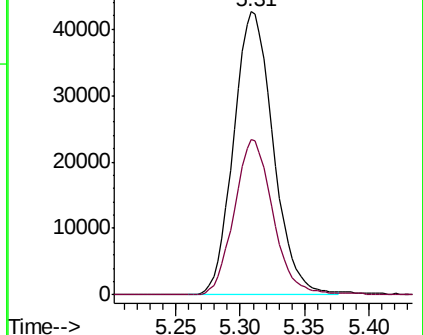
65 100

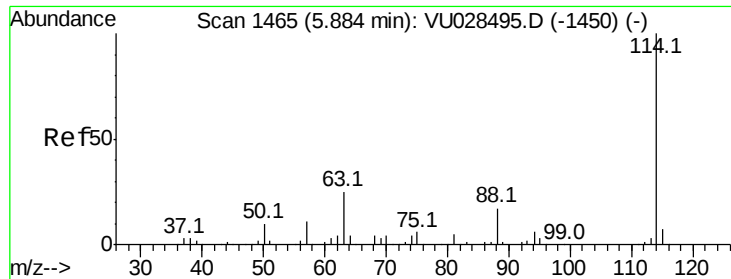
67 53.5 0.0 110.6



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: VU028506.D

Acq: 06 Dec 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M16W4-11-28-18

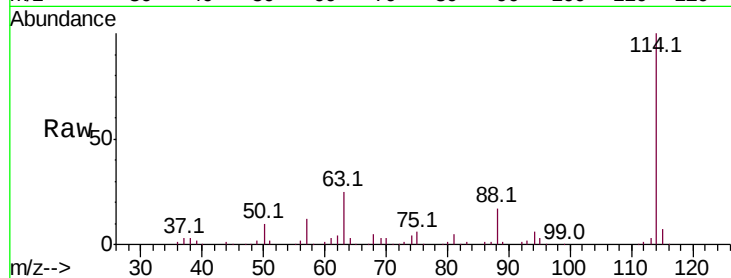
Tot Ion:114 Resp: 202289

Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.2

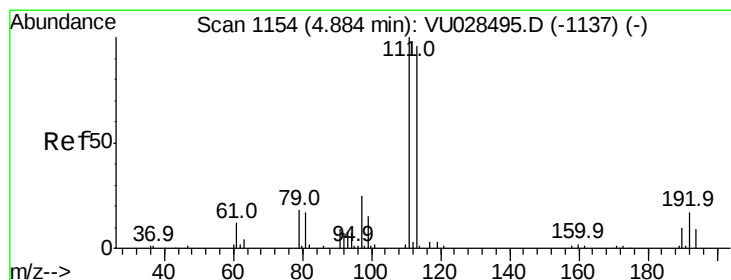
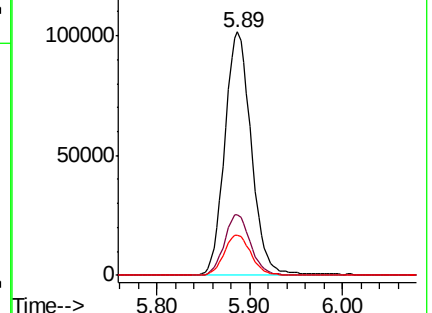
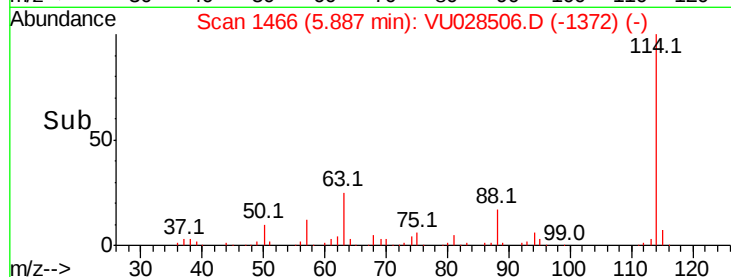
88 16.7 0.0 33.4



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: 52.606 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028506.D

Acq: 06 Dec 2018 17:22

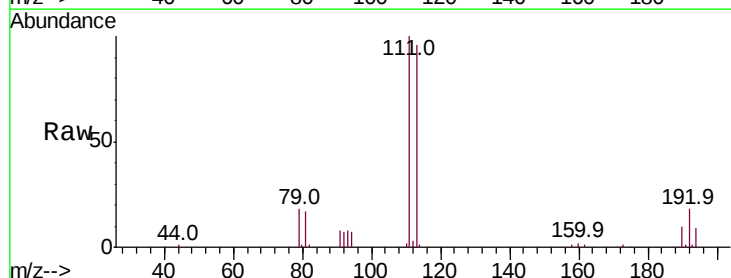
Tgt Ion:113 Resp: 66969

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.0

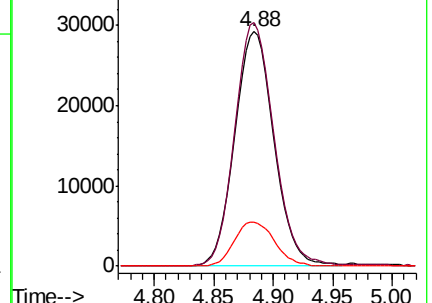
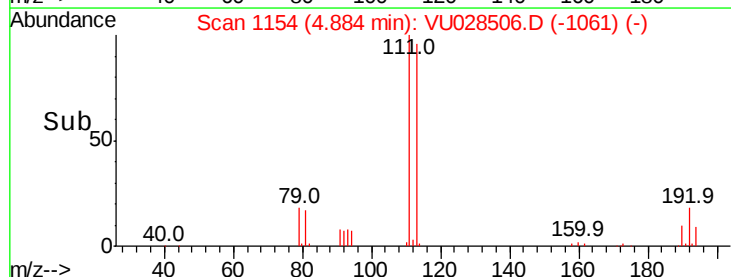
192 19.2 14.8 22.2

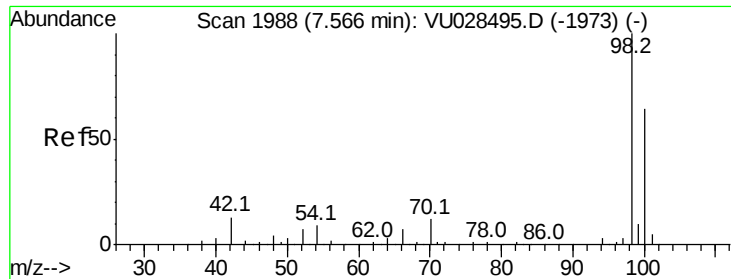


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

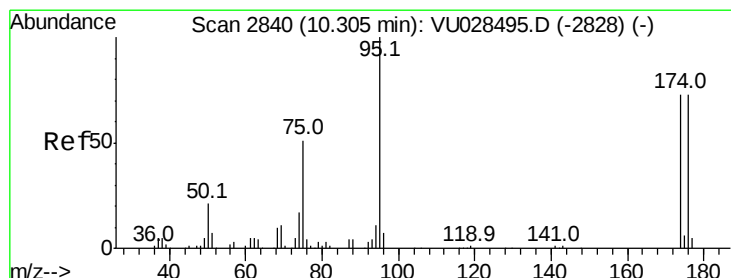
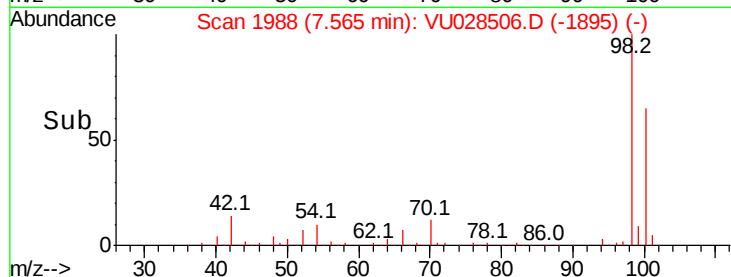
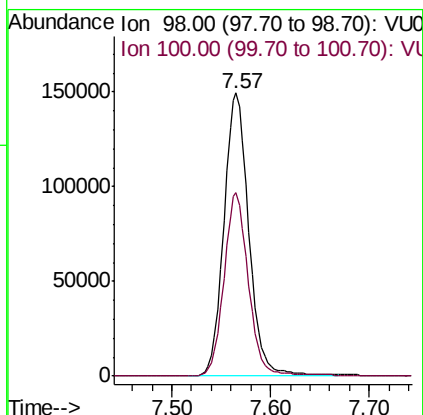
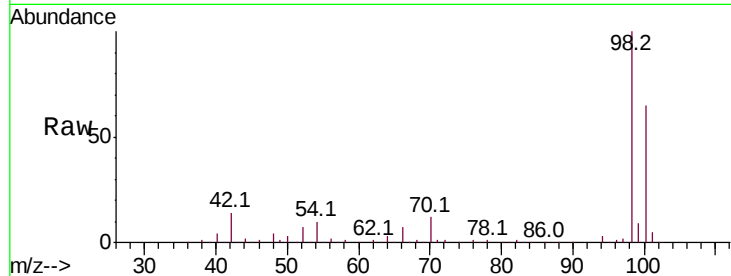




#50
Toluene-d8
Concen: 52.723 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028506.D
Acq: 06 Dec 2018 17:22

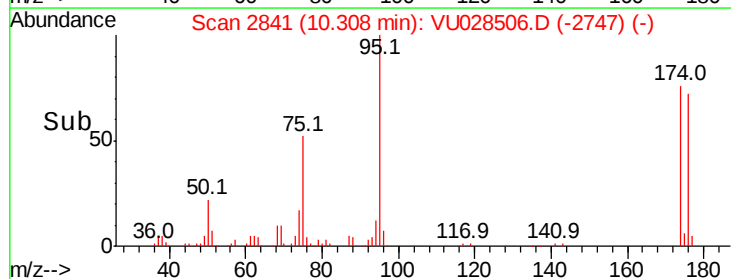
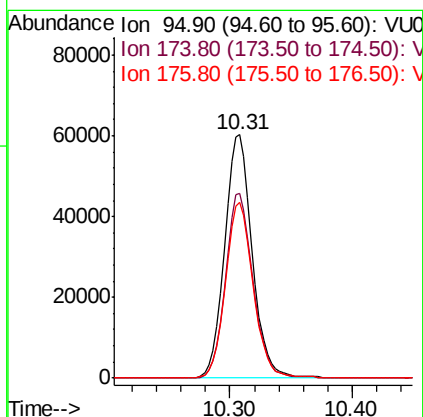
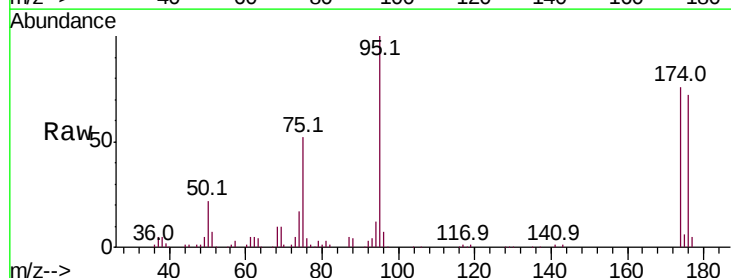
Instrument :
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CPA-CPMW04D-M16W4-11-28-18

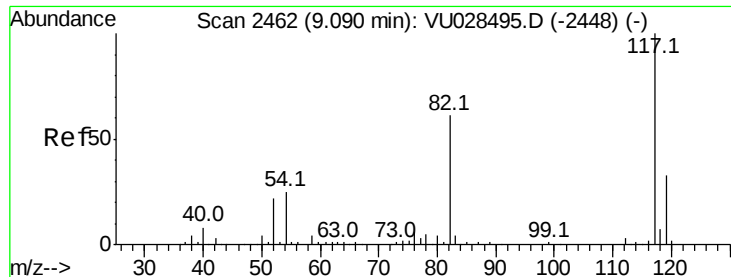
Tot Ion: 98 Resp: 265502
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 50.800 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028506.D
Acq: 06 Dec 2018 17:22

Tgt Ion: 95 Resp: 95617
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 72.6 0.0 145.2

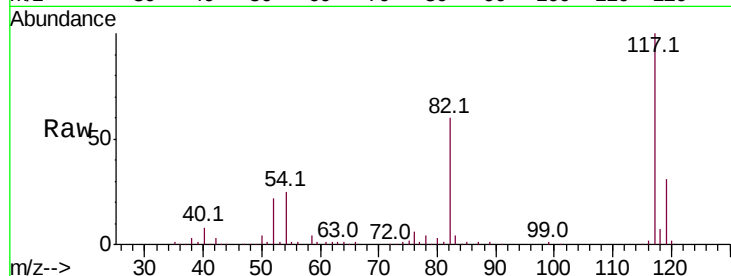




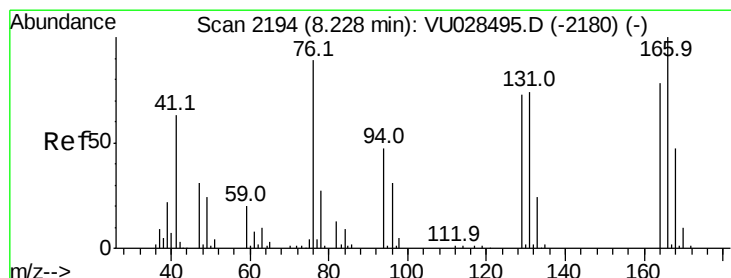
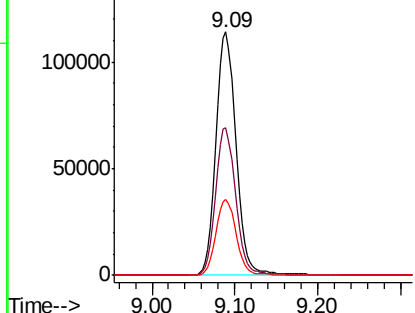
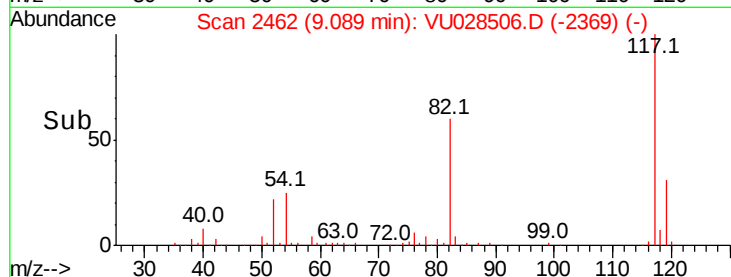
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028506.D
Acq: 06 Dec 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M16W4-11-28-18

Tot Ion:117 Resp: 192158
Ion Ratio Lower Upper
117 100
82 60.4 48.9 73.3
119 31.2 26.2 39.4

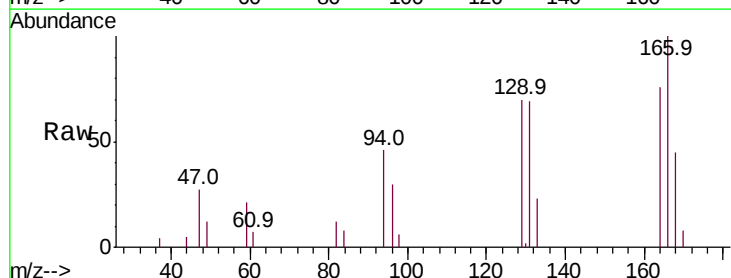


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

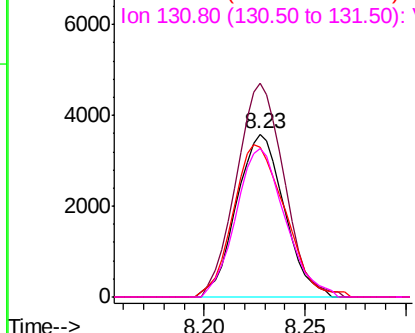
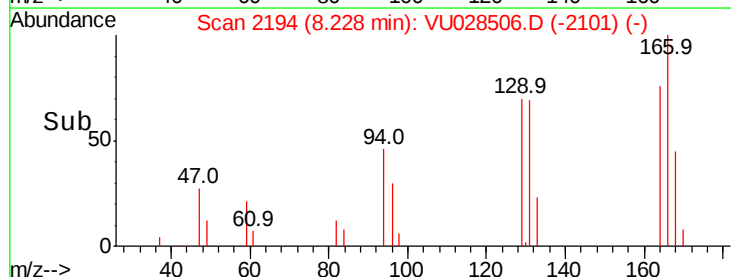


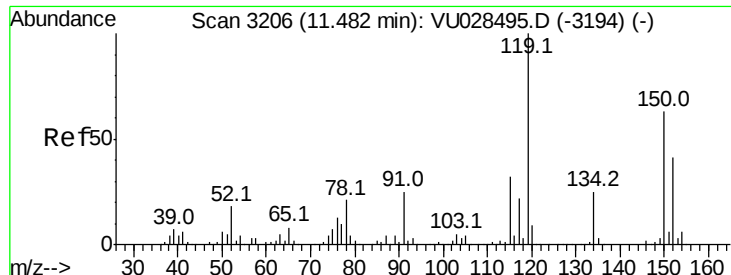
#64
Tetrachloroethene
Concen: 4.640 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028506.D
Acq: 06 Dec 2018 17:22

Tgt Ion:164 Resp: 5947
Ion Ratio Lower Upper
164 100
166 131.3 101.9 152.9
129 91.7 74.9 112.3
131 91.2 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: VU028506.D
 Acq: 06 Dec 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M16W4-11-28-18

Tot Ion:152 Resp: 89155
 Ion Ratio Lower Upper
 152 100
 115 61.5 42.7 128.1
 150 159.4 0.0 346.0

