

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034514.D
 Acq On : 12 Sep 2019 12:42
 Operator : JC/SP
 Sample : K4756-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M27W1-090619

Quant Time: Sep 13 07:38:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

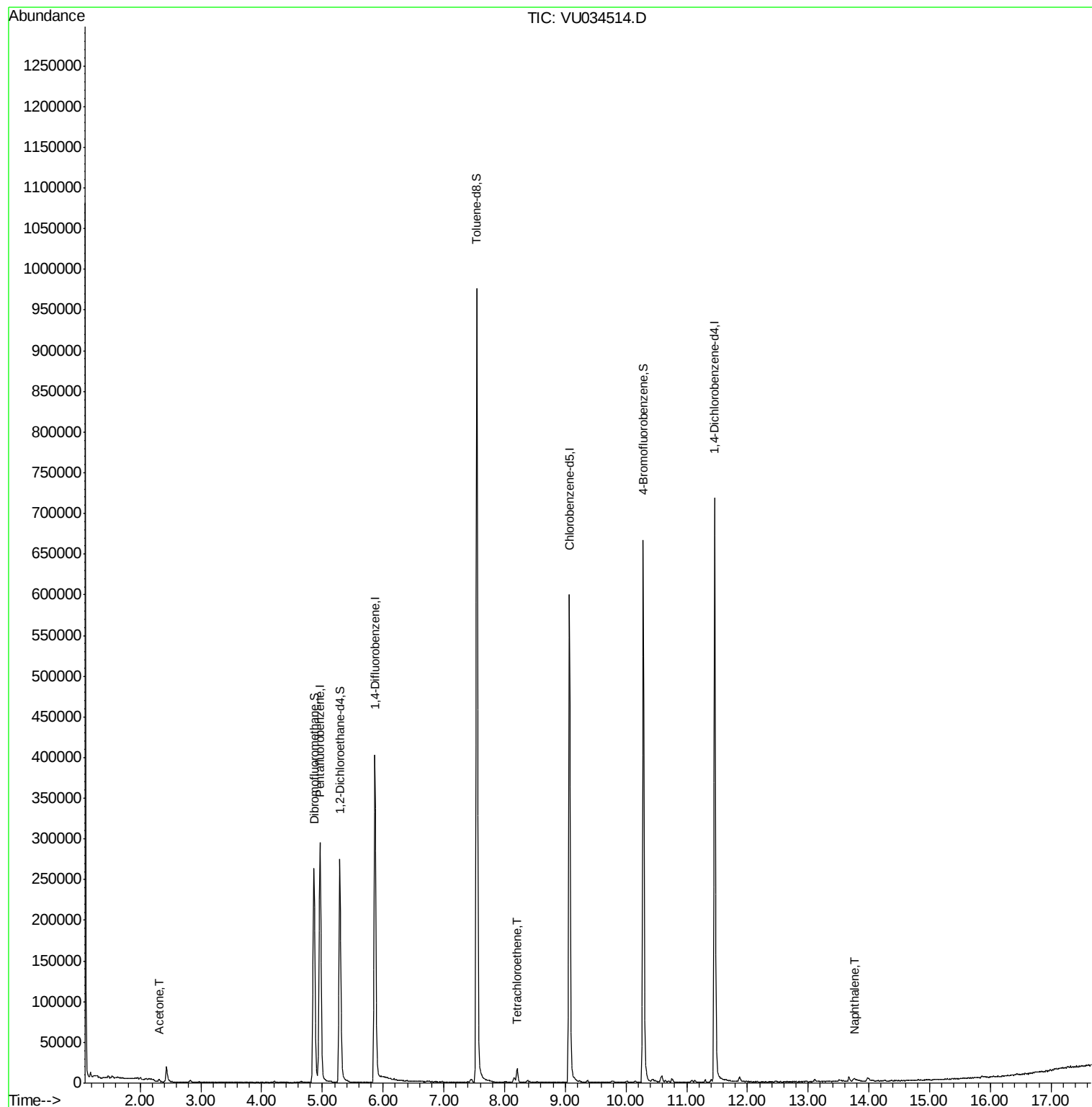
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	245802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	361110	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	370063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	208920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	219053	58.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.80%	
35) Dibromofluoromethane	4.86	113	189720	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
50) Toluene-d8	7.55	98	692307	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
62) 4-Bromofluorobenzene	10.29	95	227898	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
16) Acetone	2.31	43	3570	1.855	ug/l	90
64) Tetrachloroethene	8.21	164	4002	1.247	ug/l	94
95) Naphthalene	13.76	128	5474	4.328	ug/l #	76

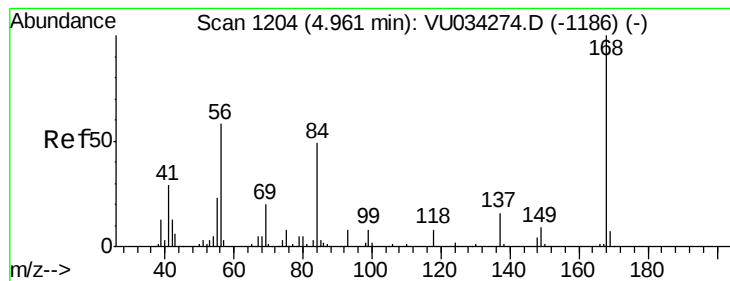
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

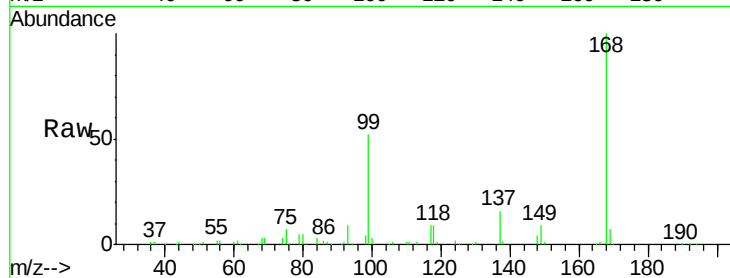
CPA-CPMW04D-M27W1-090619

Tot Ion:168 Resp: 245802

Ion Ratio Lower Upper

168 100

99 52.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034514.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034514.D (-1186) (-)

4.96

120000

100000

80000

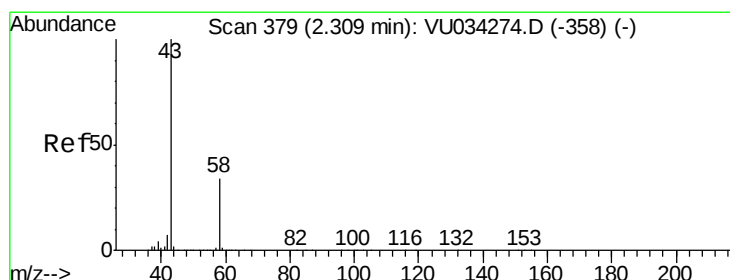
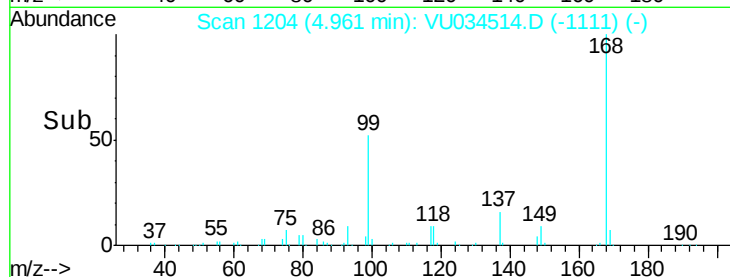
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.855 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034514.D

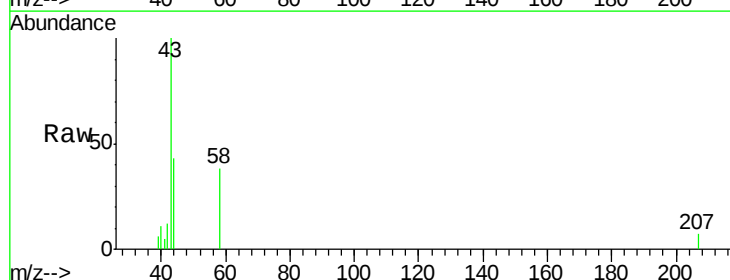
Acq: 12 Sep 2019 12:42

Tgt Ion: 43 Resp: 3570

Ion Ratio Lower Upper

43 100

58 40.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034514.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034514.D (-286) (-)

2.31

2500

2000

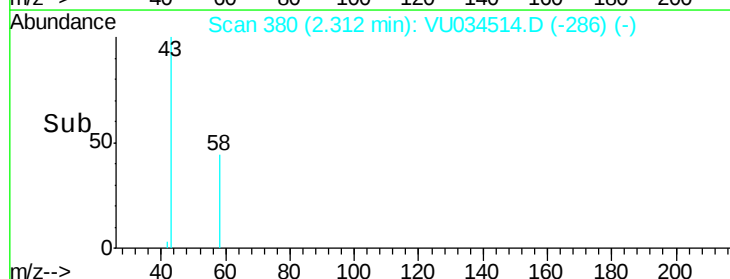
1500

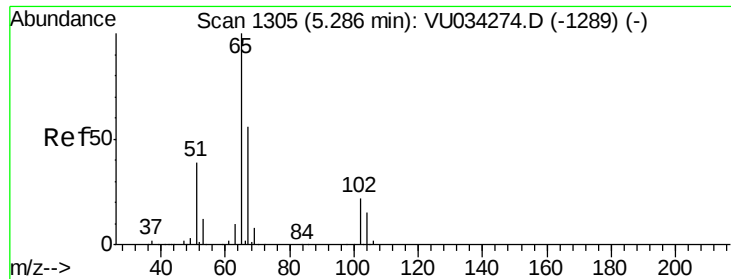
1000

500

0

Time-->

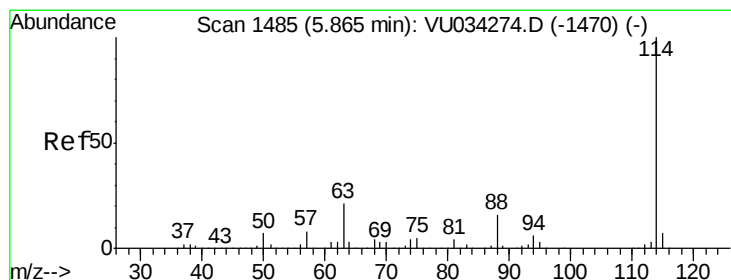
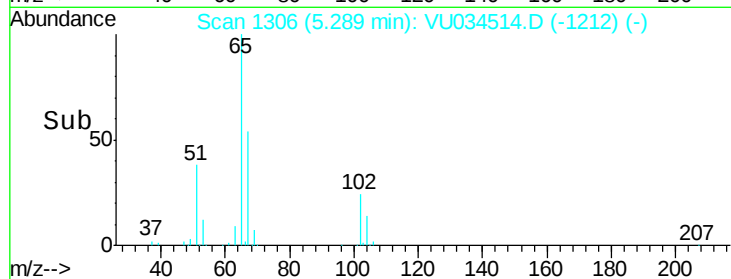
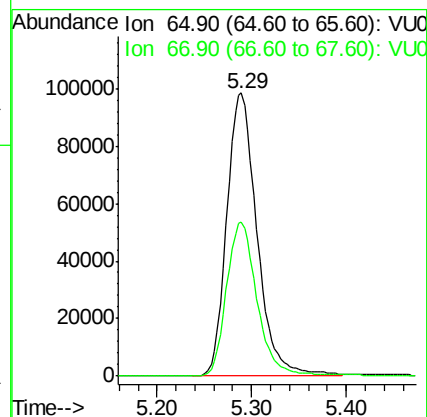
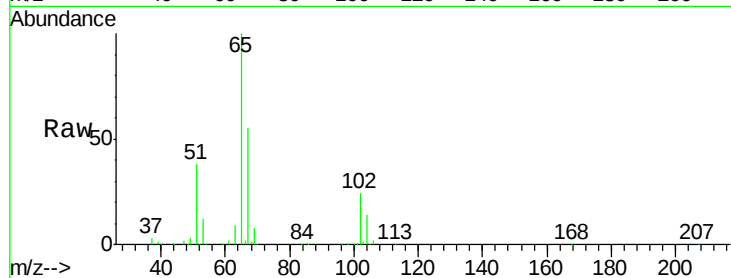




#33
 1,2-Dichloroethane-d4
 Concen: 58.900 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

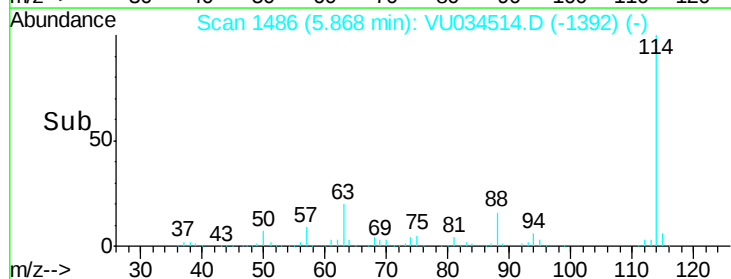
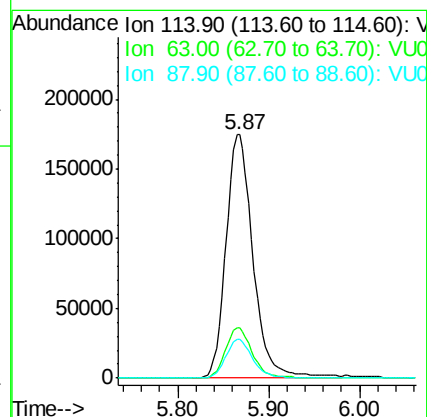
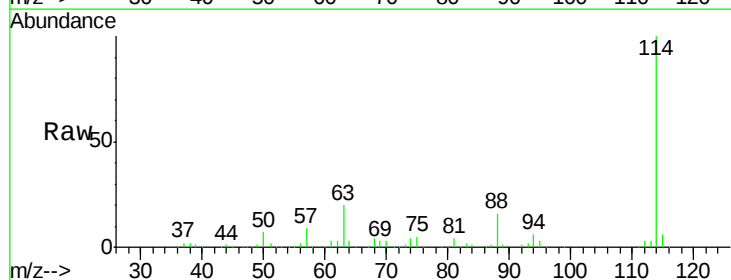
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04D-M27W1-090619

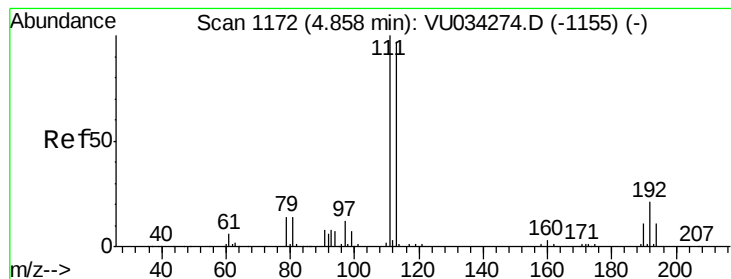
Tot Ion: 65 Resp: 219053
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034514.D
 Acq: 12 Sep 2019 12:42

Tgt Ion: 114 Resp: 361110
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 56.462 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M27W1-090619

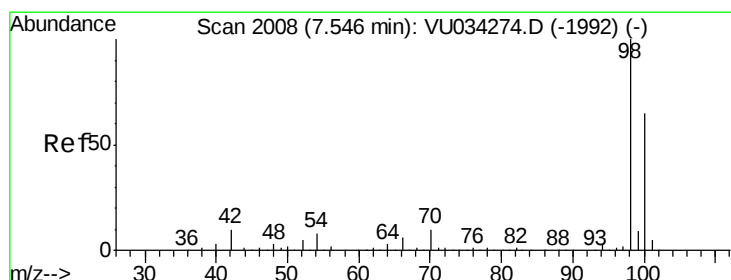
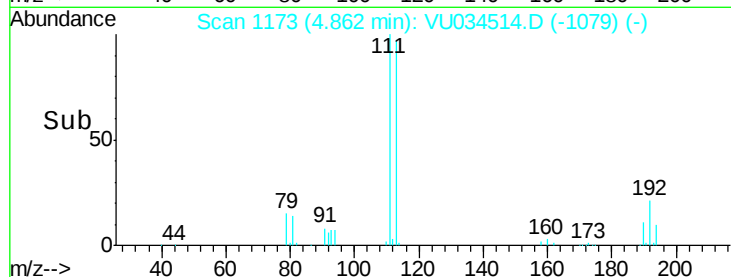
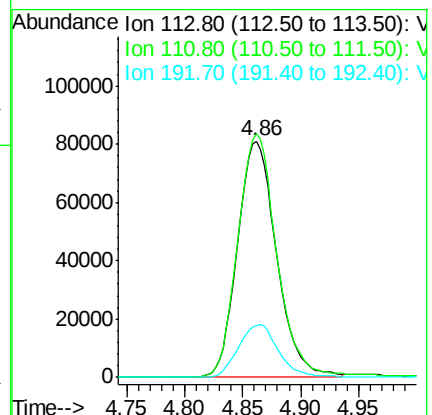
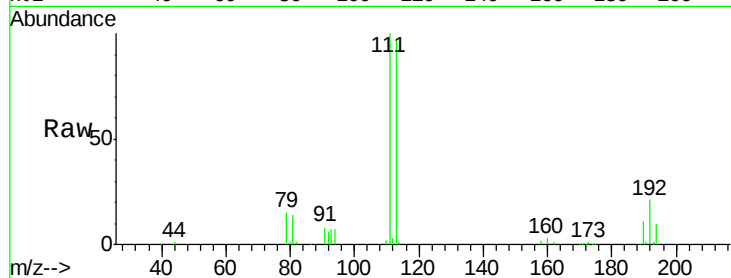
Tot Ion:113 Resp: 189720

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

192 22.8 17.8 26.8



#50

Toluene-d8

Concen: 54.840 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034514.D

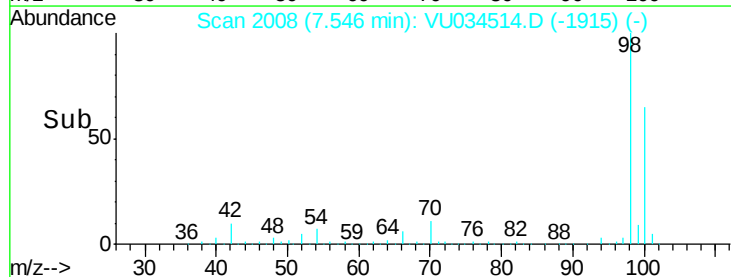
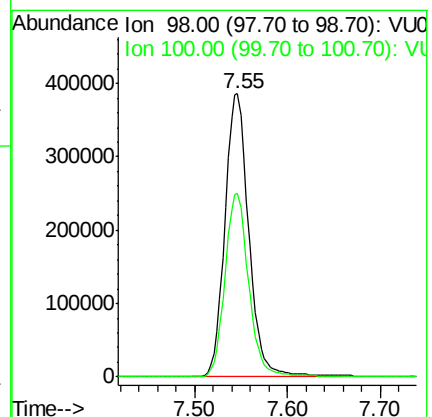
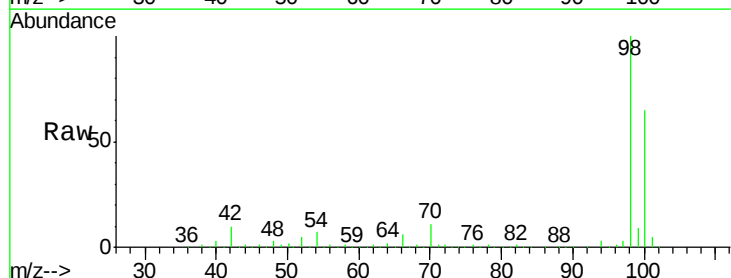
Acq: 12 Sep 2019 12:42

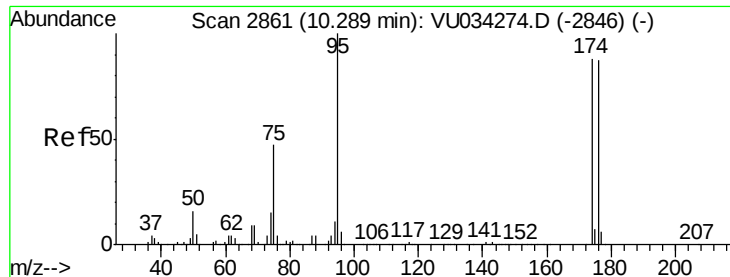
Tgt Ion: 98 Resp: 692307

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.757 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M27W1-090619

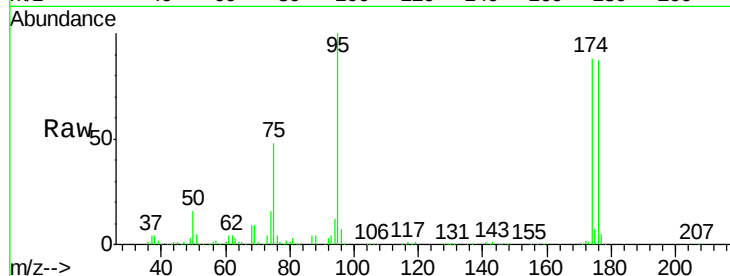
Tot Ion: 95 Resp: 227898

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.2

176 85.6 0.0 168.0

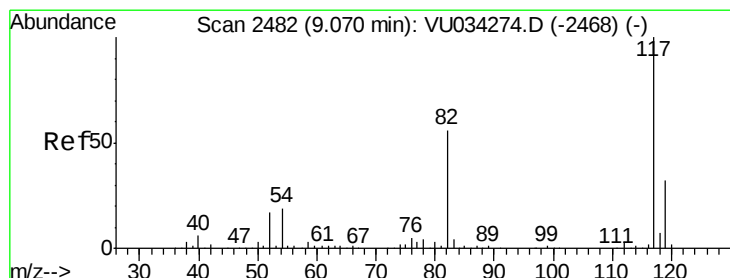
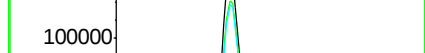
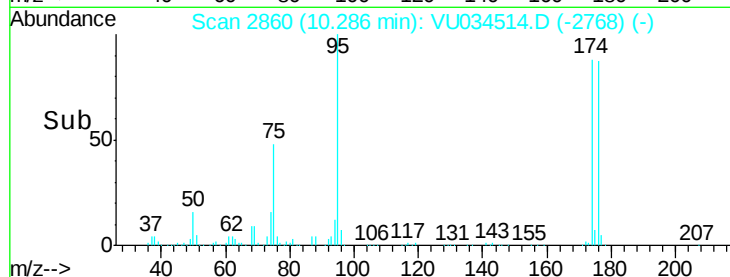


Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

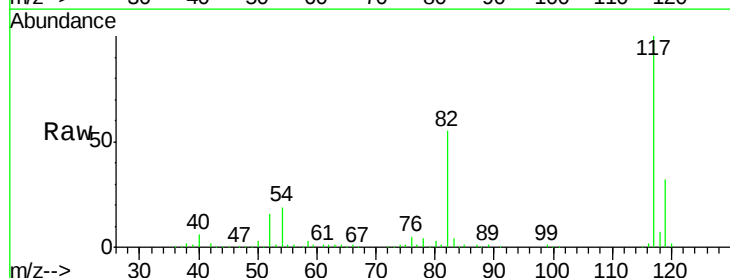
Tgt Ion: 117 Resp: 370063

Ion Ratio Lower Upper

117 100

82 54.9 44.6 67.0

119 32.3 25.9 38.9

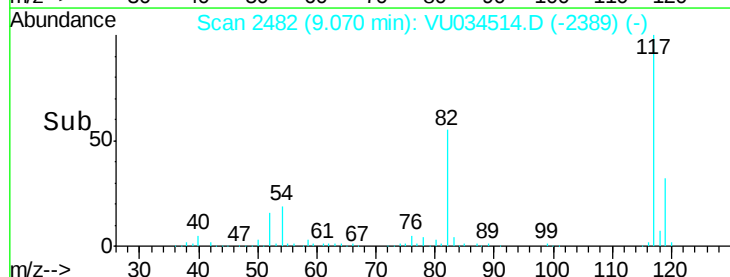


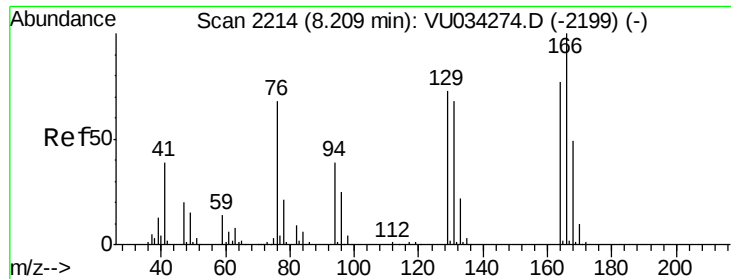
Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034274.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034274.D (-2468) (-)

Time-->





#64

Tetrachloroethene

Concen: 1.247 ug/l

RT: 8.21 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04D-M27W1-090619

Tot Ion:164 Resp: 4002

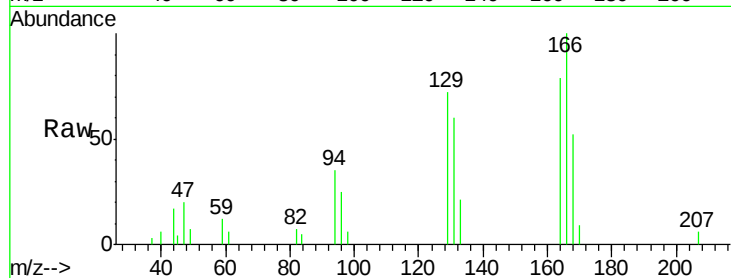
Ion Ratio Lower Upper

164 100

166 127.3 103.7 155.5

129 91.4 75.8 113.8

131 76.2 70.7 106.1

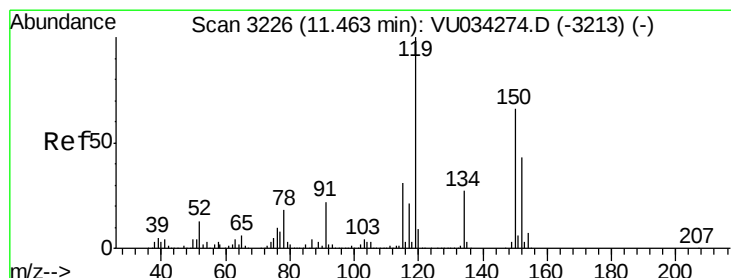
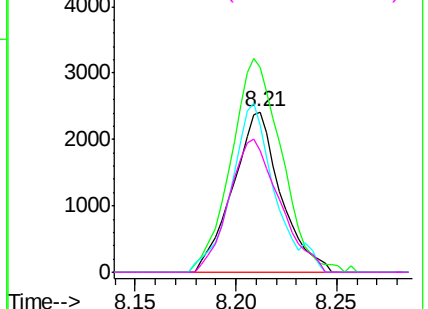
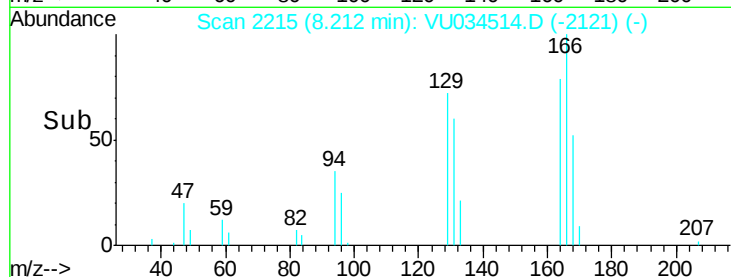


Abundance Ion 163.80 (163.50 to 164.50): V

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: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034514.D

Acq: 12 Sep 2019 12:42

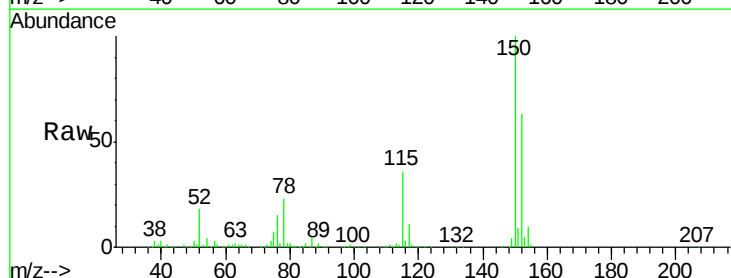
Tgt Ion:152 Resp: 208920

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.3

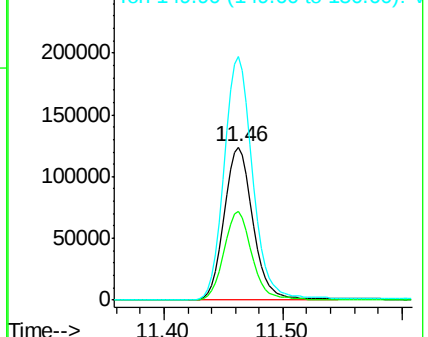
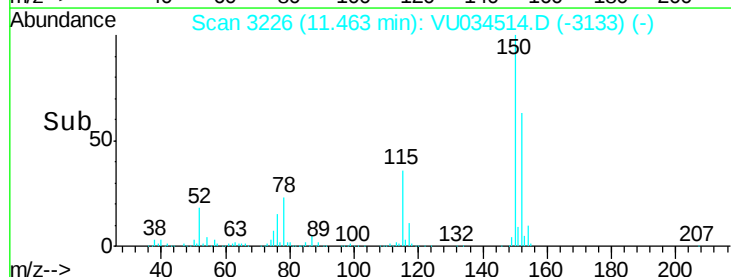
150 158.4 0.0 345.4

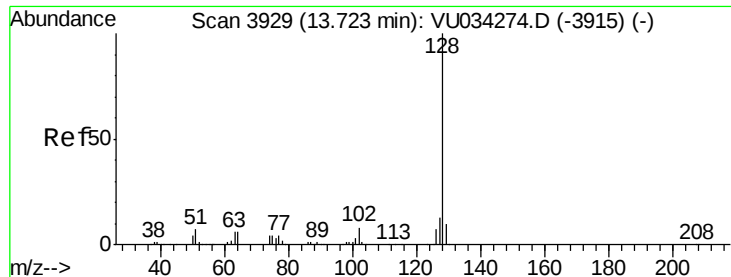


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 4.328 ug/l
RT: 13.76 min Scan# 3942
Delta R.T. 0.04 min
Lab File: VU034514.D
Acq: 12 Sep 2019 12:42

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW04D-M27W1-090619

Tot Ion:128 Resp: 5474
Ion Ratio Lower Upper
128 100
127 4.6 10.6 15.8#
129 0.0 8.4 12.6#

