

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034541.D
 Acq On : 12 Sep 2019 23:25
 Operator : JC/SP
 Sample : K4756-24RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-18-M27W1-090619RE

Quant Time: Sep 13 08:23:00 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

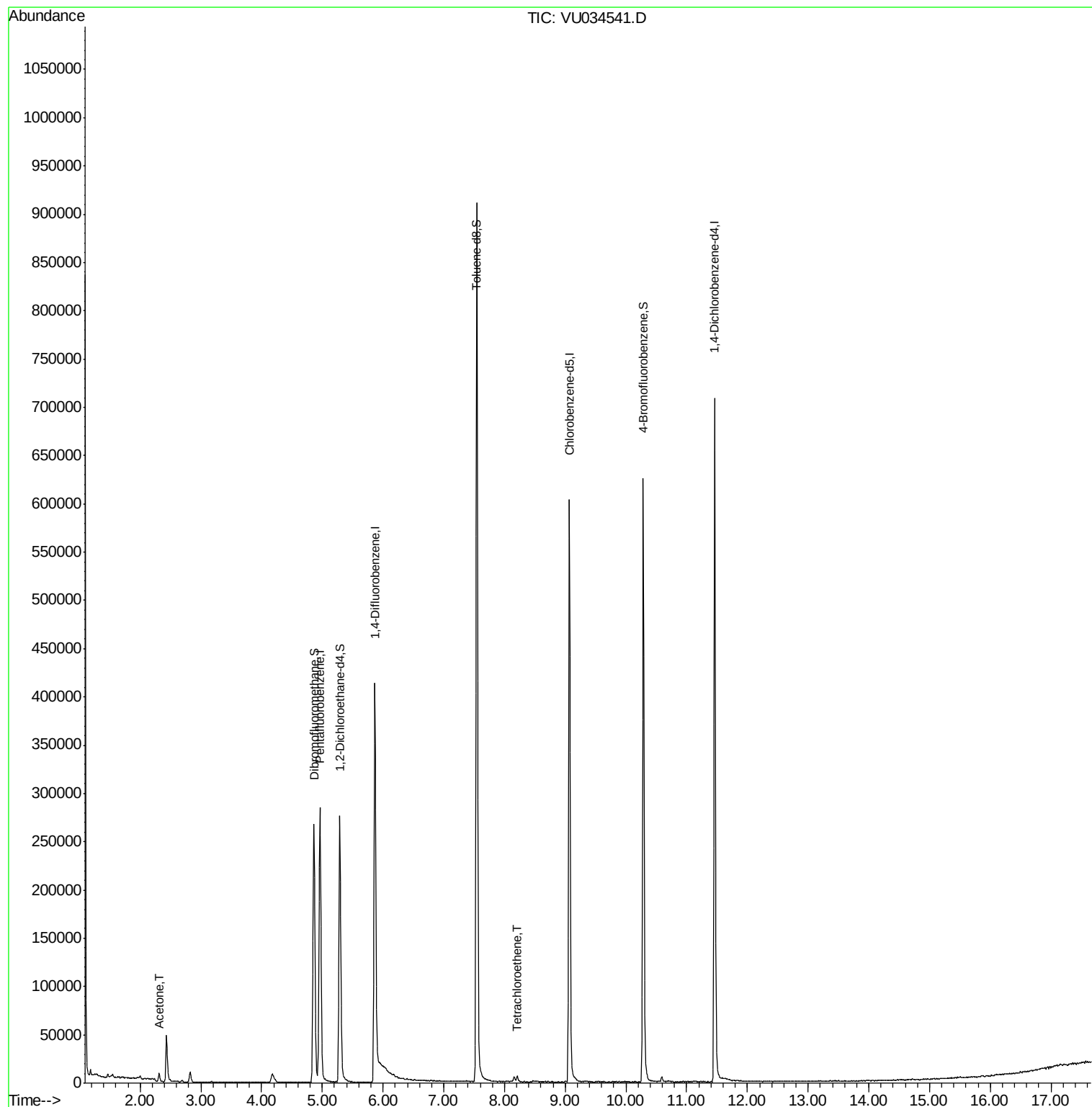
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	230347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	362811	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	363809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	205225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	218690	62.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.50%	
35) Dibromofluoromethane	4.86	113	189908	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
50) Toluene-d8	7.54	98	642694	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	10.29	95	216199	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
16) Acetone	2.31	43	9460	5.245	ug/l	95
64) Tetrachloroethene	8.21	164	1515	0.480	ug/l	90

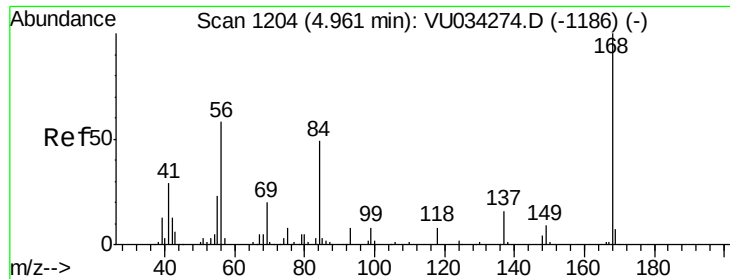
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034541.D

Acq: 12 Sep 2019 23:25

Instrument :

MSVOA_U

ClientSampleId :

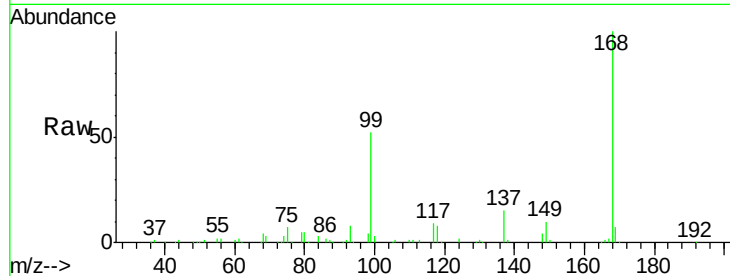
CPA-SW-18-M27W1-090619RE

Tot Ion:168 Resp: 230347

Ion Ratio Lower Upper

168 100

99 51.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034541.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034541.D (-1186) (-)

120000

100000

80000

60000

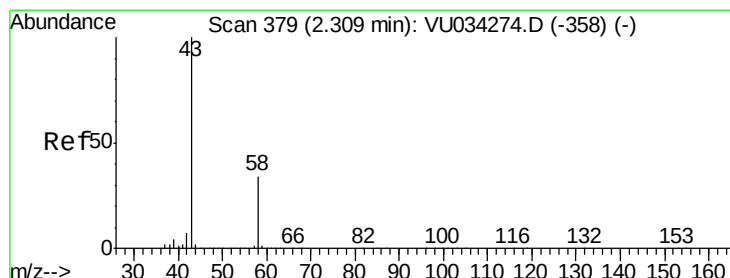
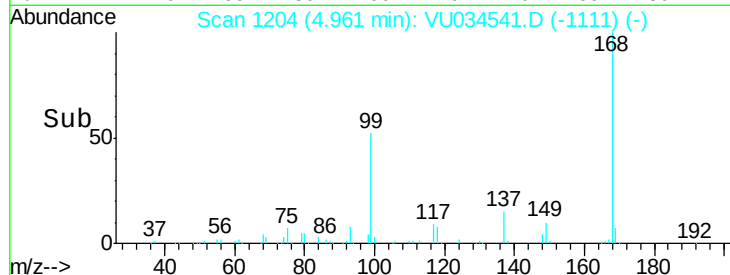
40000

20000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 5.245 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034541.D

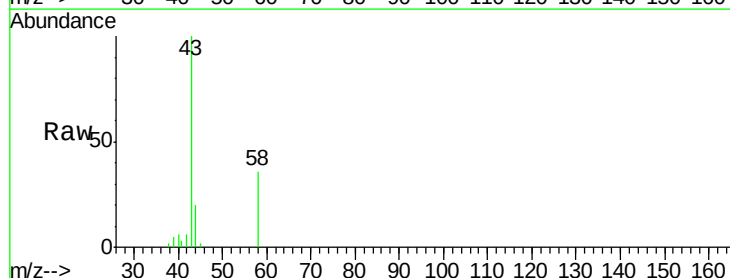
Acq: 12 Sep 2019 23:25

Tgt Ion: 43 Resp: 9460

Ion Ratio Lower Upper

43 100

58 37.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034541.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034541.D (-286) (-)

6000

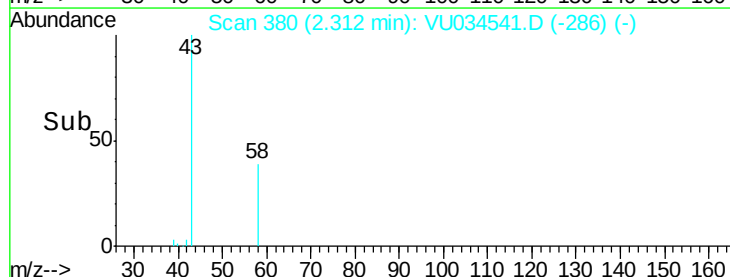
4000

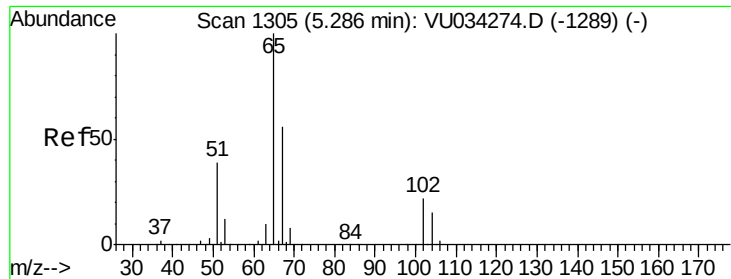
2000

0

2.25 2.30 2.35 2.40

Time-->

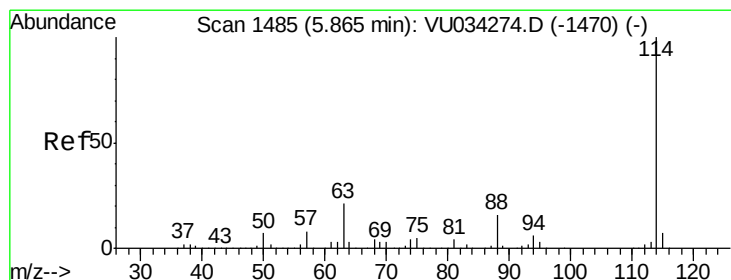
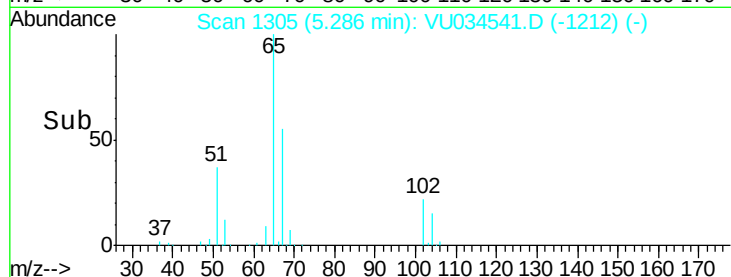
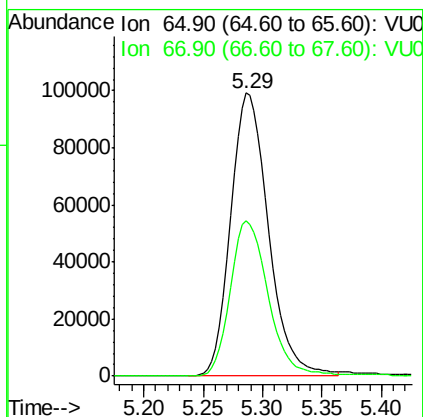
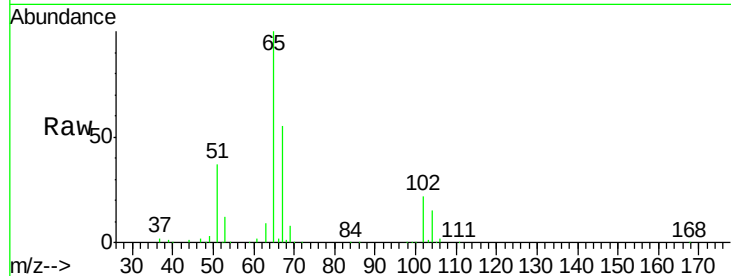




#33
 1,2-Dichloroethane-d4
 Concen: 62.748 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034541.D
 Acq: 12 Sep 2019 23:25

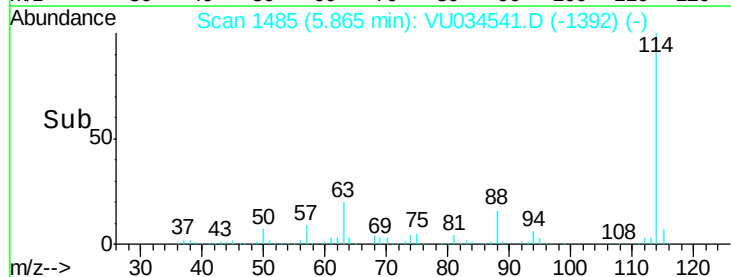
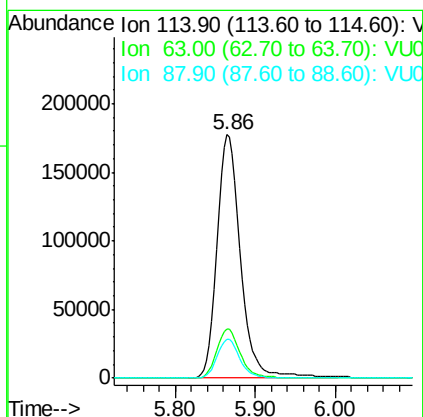
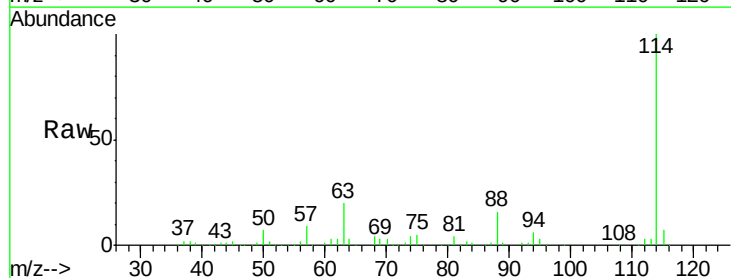
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-18-M27W1-090619RE

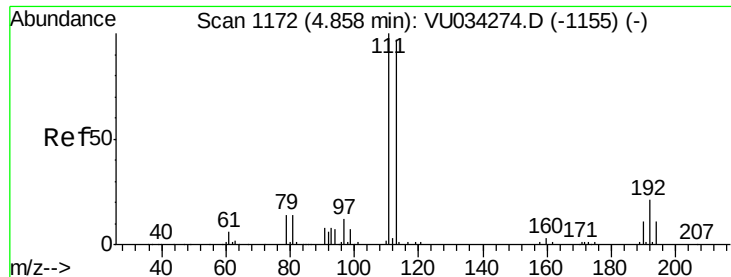
Tot Ion: 65 Resp: 218690
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034541.D
 Acq: 12 Sep 2019 23:25

Tgt Ion: 114 Resp: 362811
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 16.1 0.0 32.4

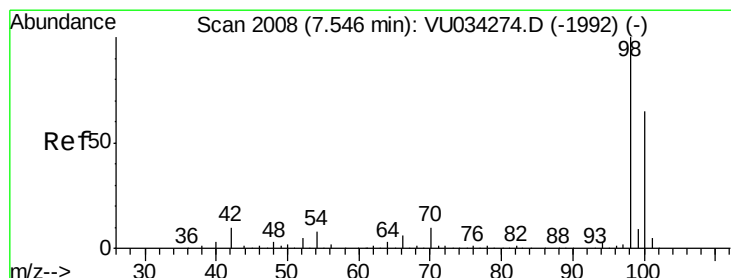
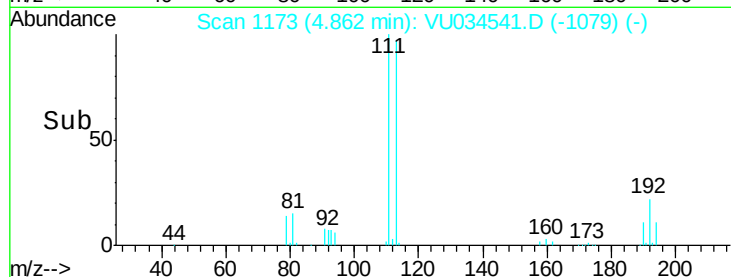
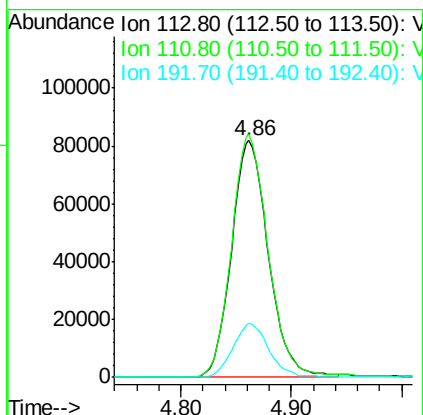
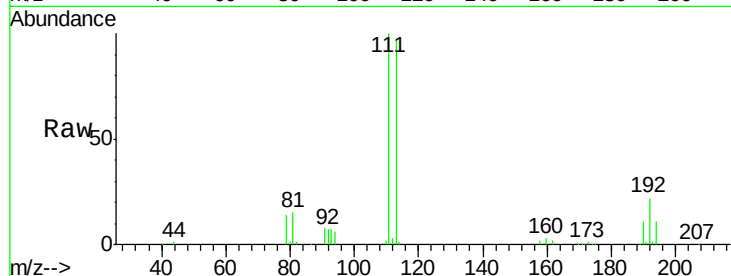




#35
 Dibromofluoromethane
 Concen: 56.253 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034541.D
 Acq: 12 Sep 2019 23:25

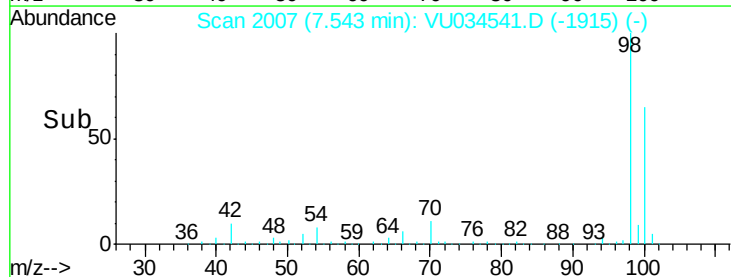
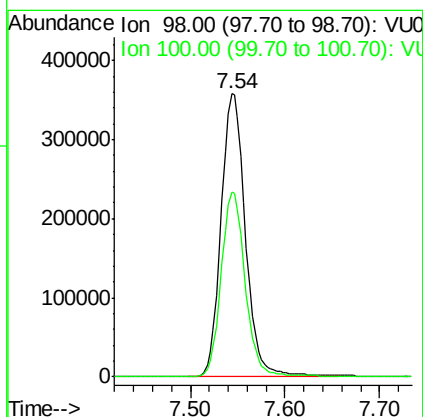
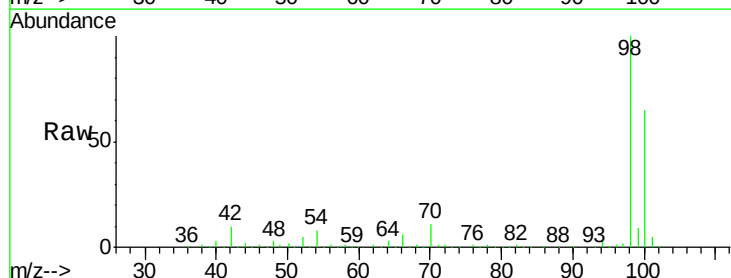
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-18-M27W1-090619RE

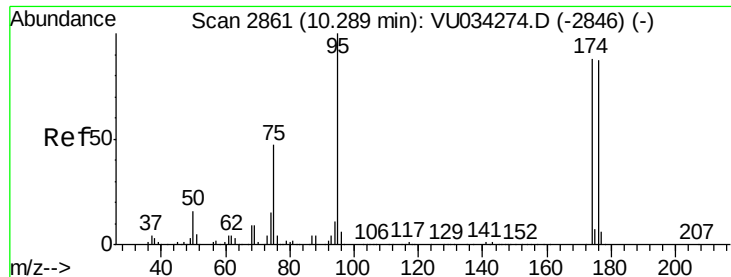
Tot Ion:113 Resp: 189908
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 22.4 17.8 26.8



#50
 Toluene-d8
 Concen: 50.671 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VU034541.D
 Acq: 12 Sep 2019 23:25

Tgt Ion: 98 Resp: 642694
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.149 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034541.D

Acq: 12 Sep 2019 23:25

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-18-M27W1-090619RE

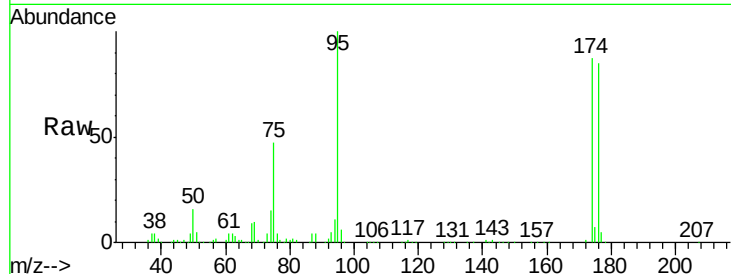
Tot Ion: 95 Resp: 216199

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.2

176 84.8 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034541.D (-2768) (-)

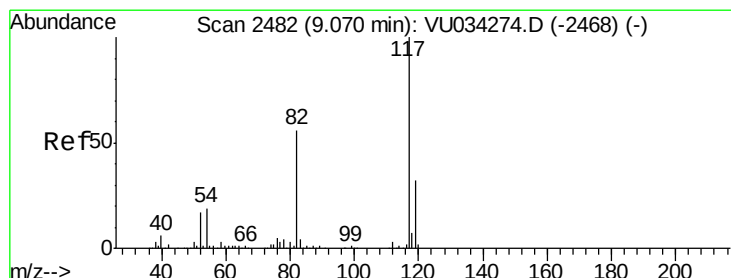
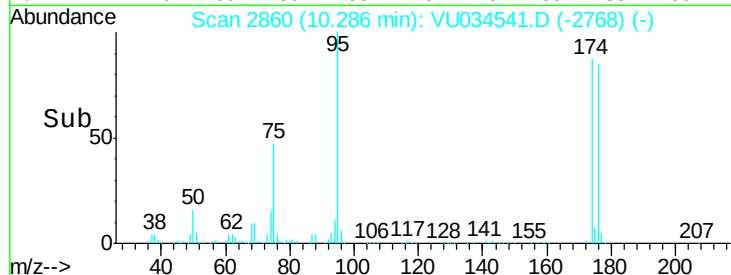
Ion 173.80 (173.50 to 174.50): VU034541.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034541.D (-2768) (-)

Time-->

10.29

10.20 10.30 10.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034541.D

Acq: 12 Sep 2019 23:25

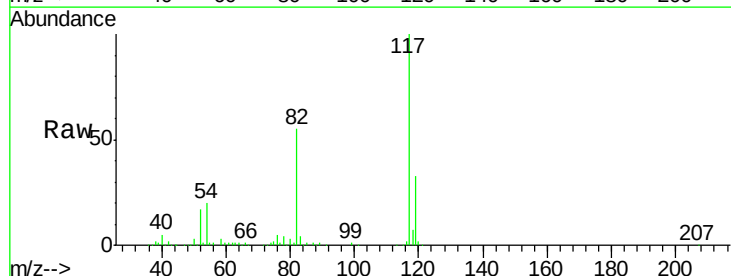
Tgt Ion: 117 Resp: 363809

Ion Ratio Lower Upper

117 100

82 54.6 44.6 67.0

119 32.6 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VU034541.D (-2389) (-)

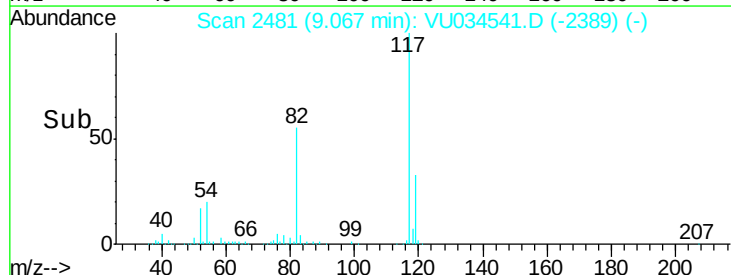
Ion 82.00 (81.70 to 82.70): VU034541.D (-2389) (-)

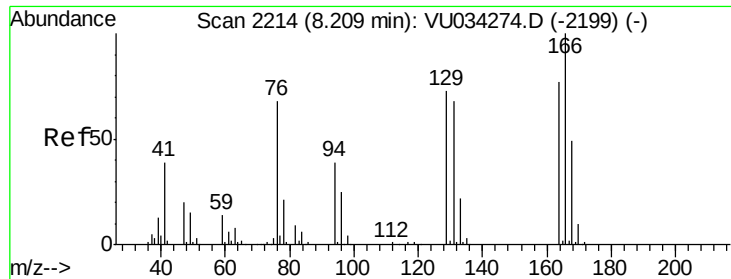
Ion 118.90 (118.60 to 119.60): VU034541.D (-2389) (-)

Time-->

9.07

9.00 9.10 9.20 9.30





#64

Tetrachloroethene

Concen: 0.480 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034541.D

Acq: 12 Sep 2019 23:25

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-18-M27W1-090619RE

Tot Ion:164 Resp: 1515

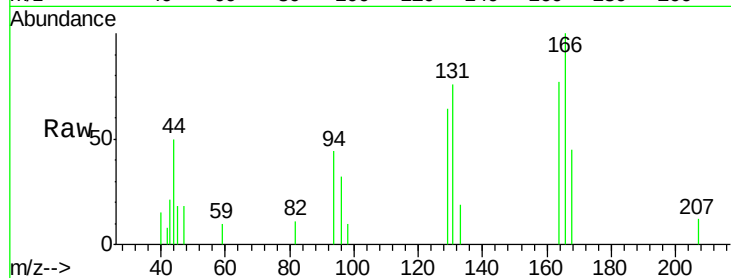
Ion Ratio Lower Upper

164 100

166 119.9 103.7 155.5

129 83.6 75.8 113.8

131 98.8 70.7 106.1

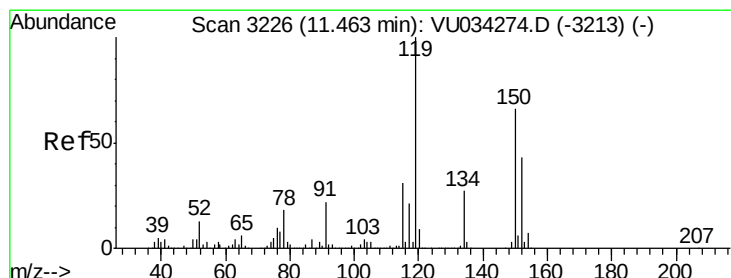
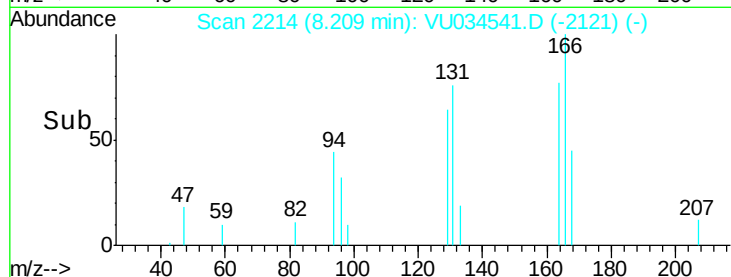
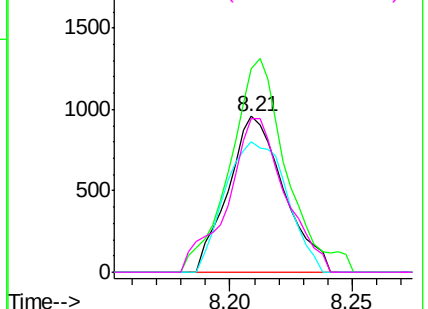


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU034541.D

Acq: 12 Sep 2019 23:25

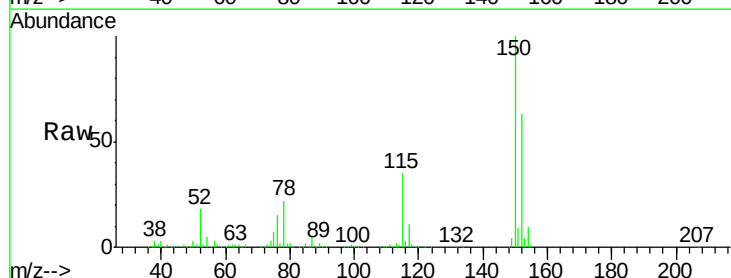
Tgt Ion:152 Resp: 205225

Ion Ratio Lower Upper

152 100

115 56.8 39.1 117.3

150 157.5 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

