

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034517.D
 Acq On : 12 Sep 2019 13:52
 Operator : JC/SP
 Sample : K4756-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW05S-M27W1-090519

Quant Time: Sep 13 07:42:59 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

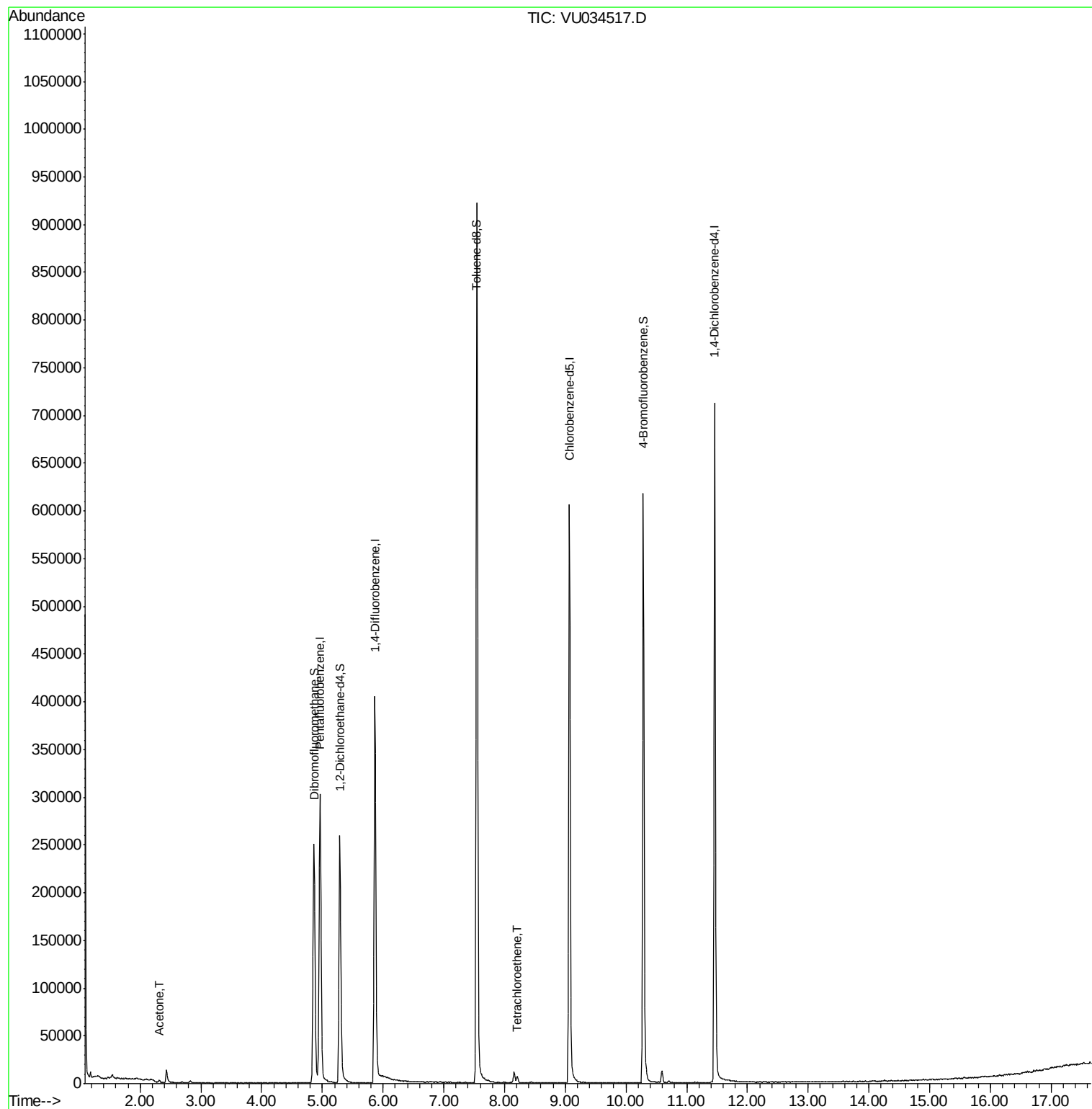
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	248815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	363025	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	370831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	208526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	207436	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
35) Dibromofluoromethane	4.86	113	184111	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
50) Toluene-d8	7.55	98	654687	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	10.29	95	214322	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	2.31	43	2849	1.462	ug/l	98
64) Tetrachloroethene	8.21	164	1790	0.556	ug/l #	84

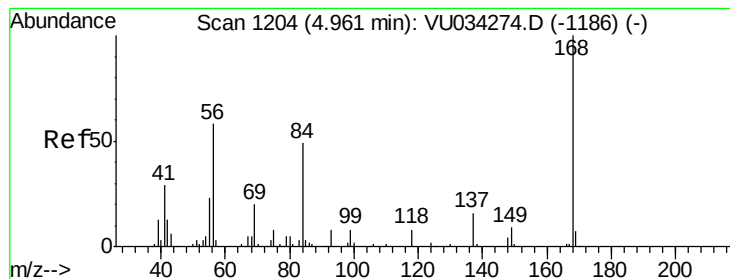
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

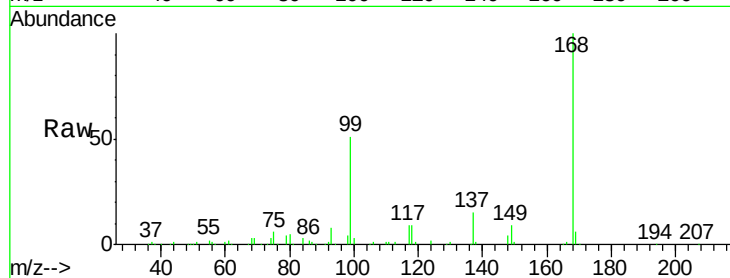
CPA-CPMW05S-M27W1-090519

Tot Ion:168 Resp: 248815

Ion Ratio Lower Upper

168 100

99 50.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

120000

100000

80000

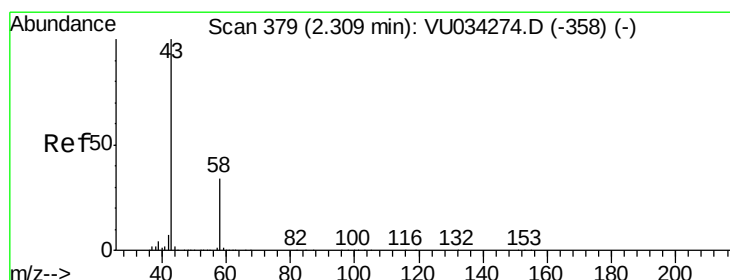
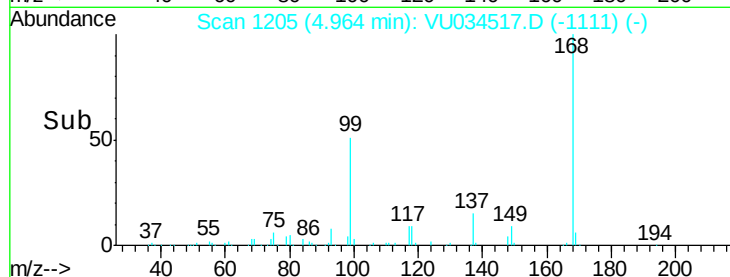
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.462 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034517.D

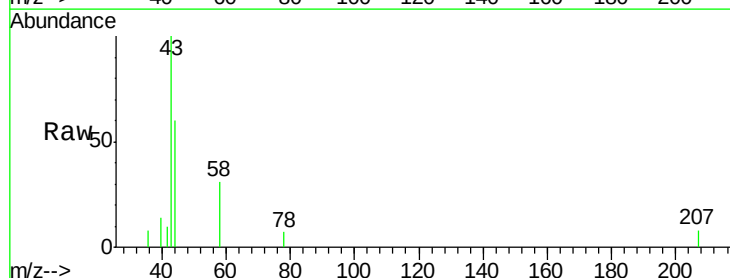
Acq: 12 Sep 2019 13:52

Tgt Ion: 43 Resp: 2849

Ion Ratio Lower Upper

43 100

58 33.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

2500

2000

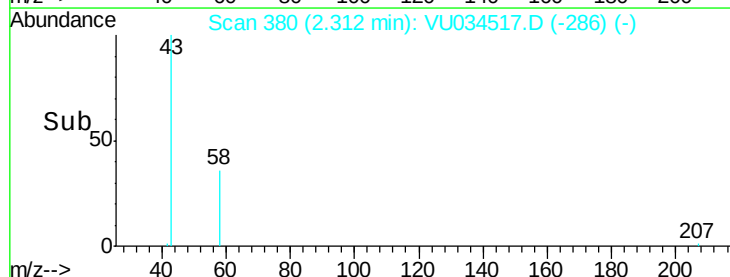
1500

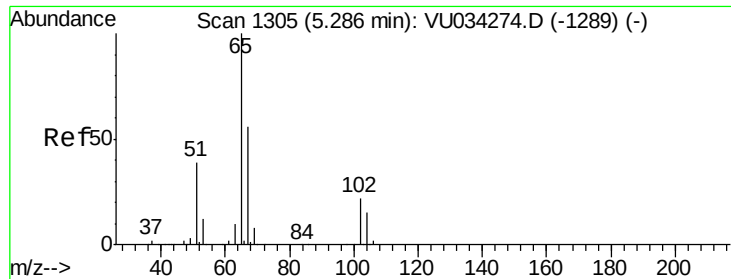
1000

500

0

Time-->

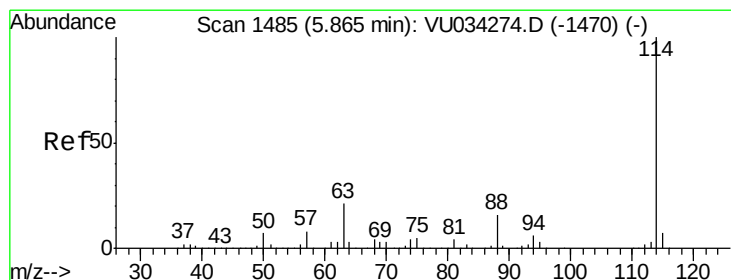
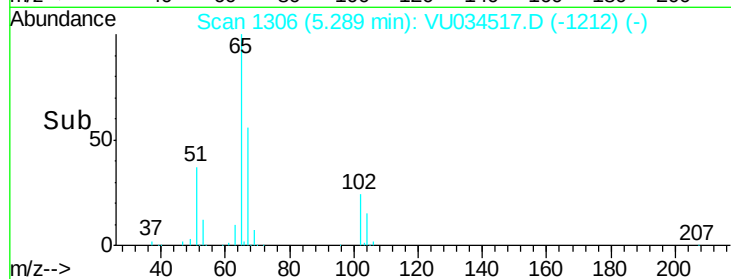
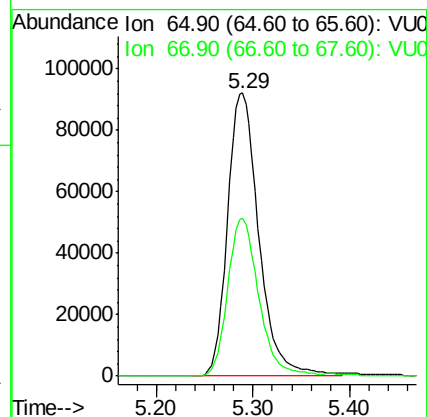
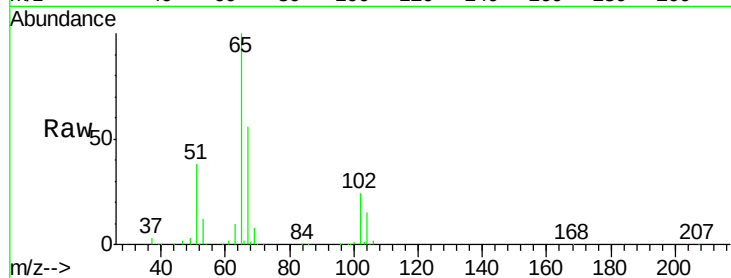




#33
 1,2-Dichloroethane-d4
 Concen: 55.101 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034517.D
 Acq: 12 Sep 2019 13:52

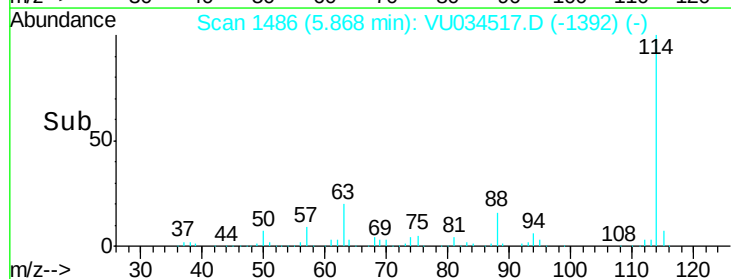
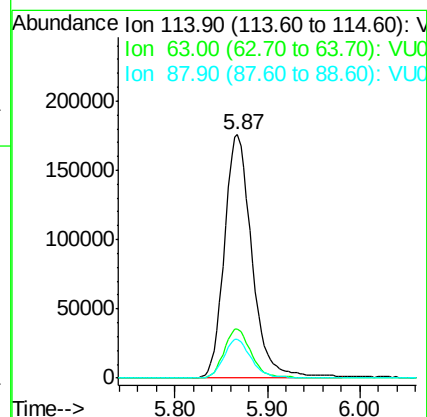
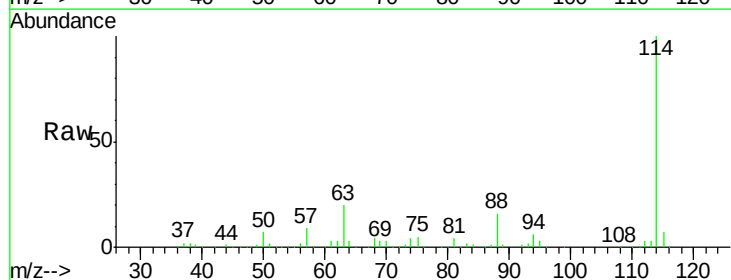
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW05S-M27W1-090519

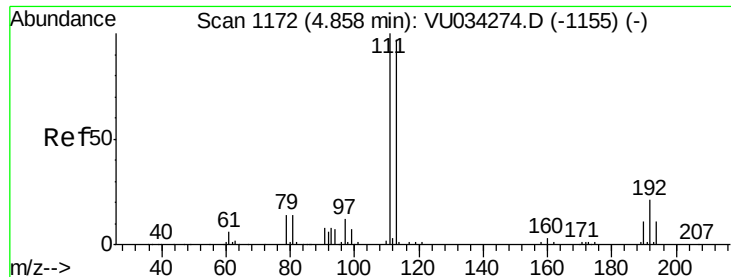
Tot Ion: 65 Resp: 207436
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034517.D
 Acq: 12 Sep 2019 13:52

Tgt Ion: 114 Resp: 363025
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.504 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034517.D

Acq: 12 Sep 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW05S-M27W1-090519

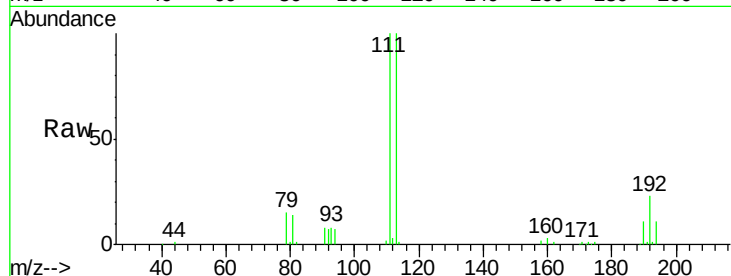
Tot Ion:113 Resp: 184111

Ion Ratio Lower Upper

113 100

111 100.3 81.5 122.3

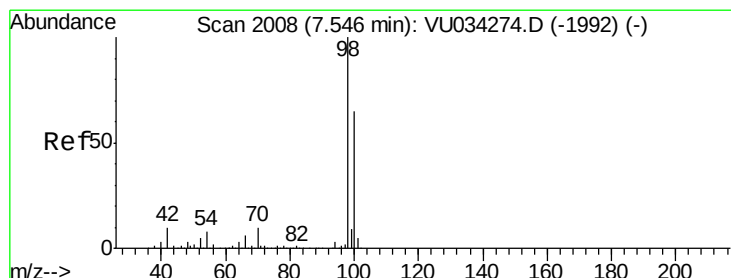
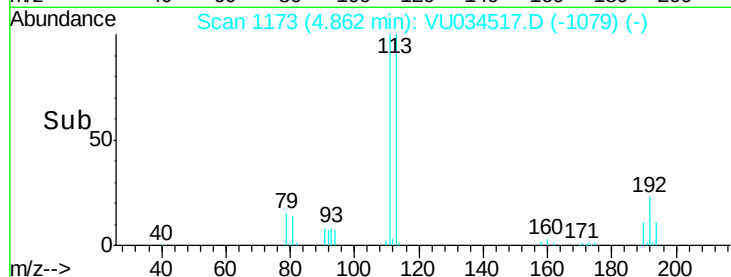
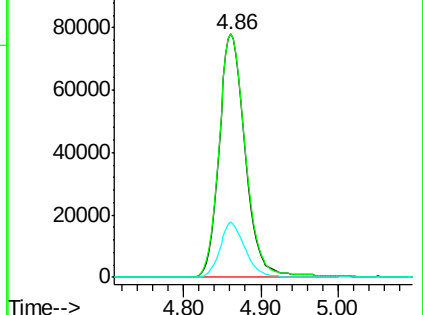
192 21.6 17.8 26.8



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: 51.586 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034517.D

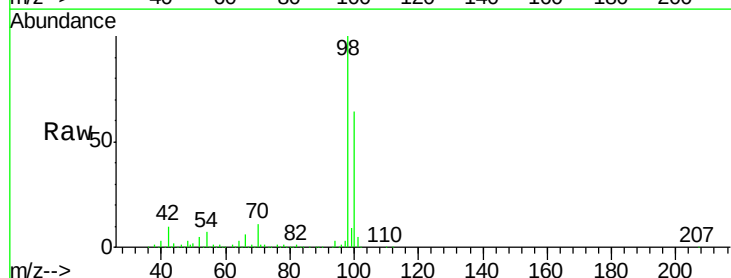
Acq: 12 Sep 2019 13:52

Tgt Ion: 98 Resp: 654687

Ion Ratio Lower Upper

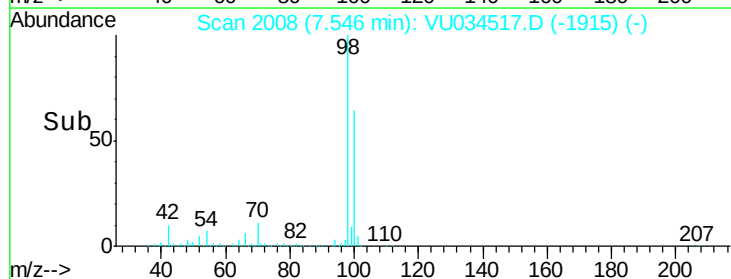
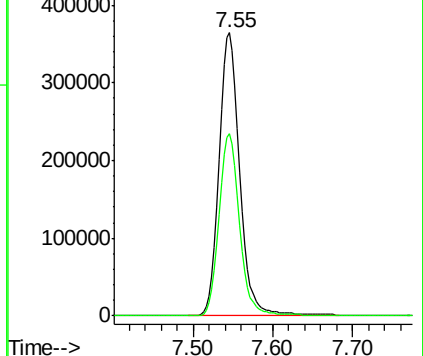
98 100

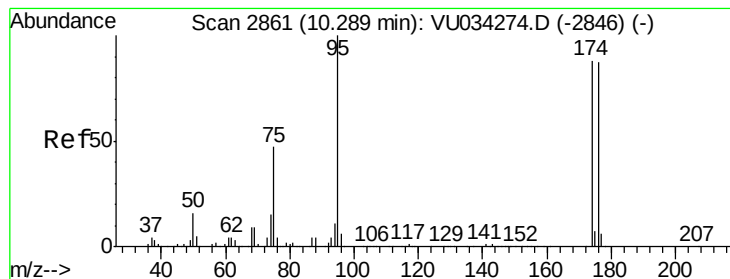
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 43.740 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034517.D

Acq: 12 Sep 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW05S-M27W1-090519

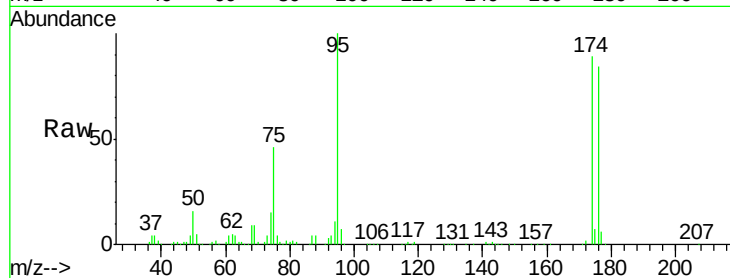
Tot Ion: 95 Resp: 214322

Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.2

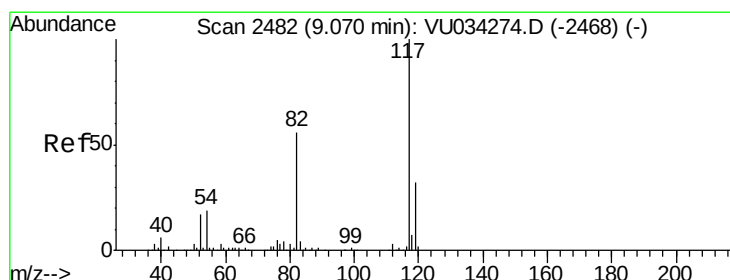
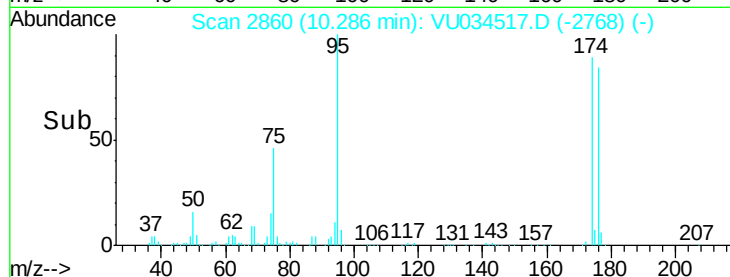
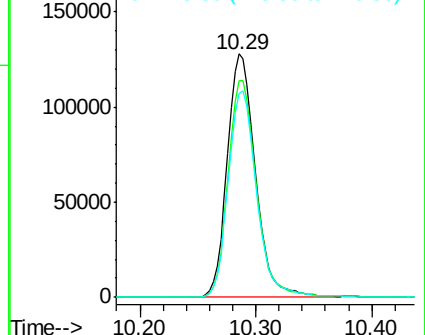
176 85.7 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034517.D

Acq: 12 Sep 2019 13:52

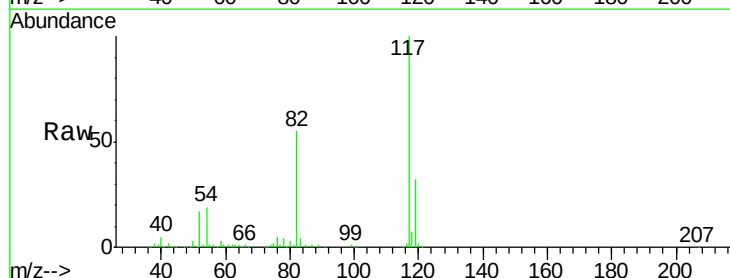
Tgt Ion: 117 Resp: 370831

Ion Ratio Lower Upper

117 100

82 54.9 44.6 67.0

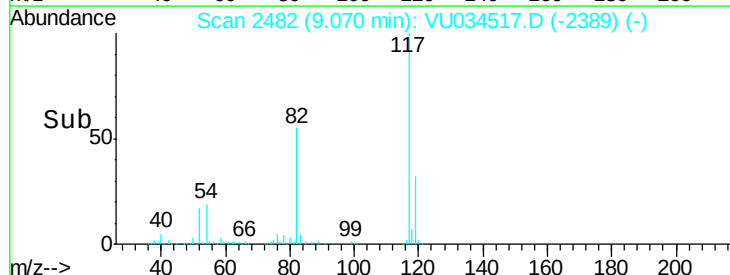
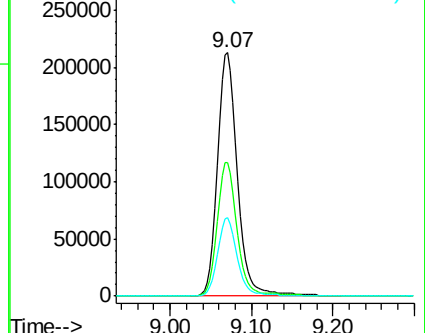
119 32.0 25.9 38.9

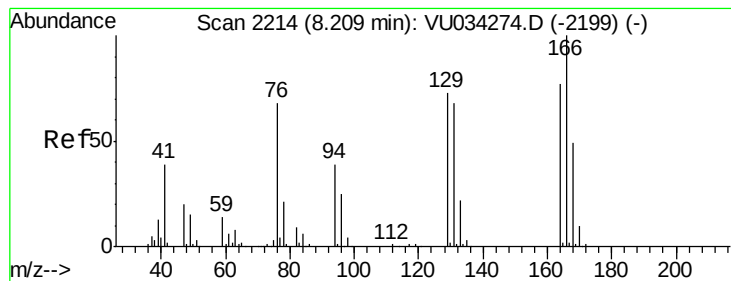


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#64

Tetrachloroethene

Concen: 0.556 ug/l

RT: 8.21 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VU034517.D

Acq: 12 Sep 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW05S-M27W1-090519

Tot Ion:164 Resp: 1790

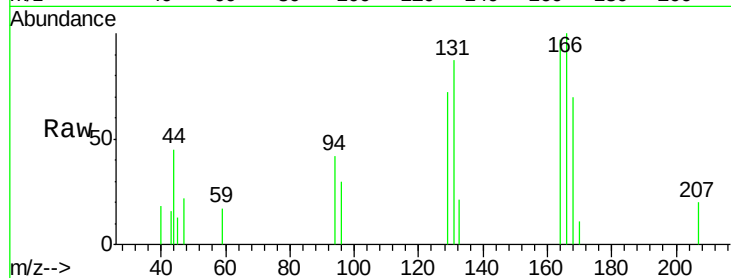
Ion Ratio Lower Upper

164 100

166 103.3 103.7 155.5#

129 74.0 75.8 113.8#

131 89.4 70.7 106.1

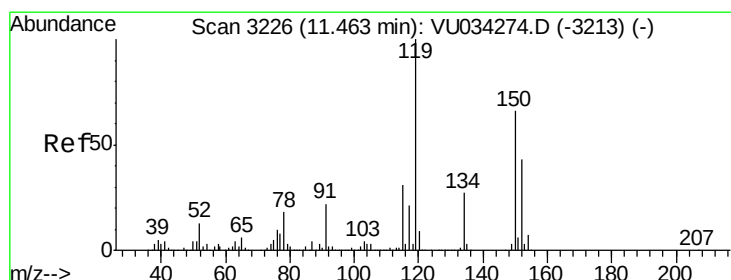
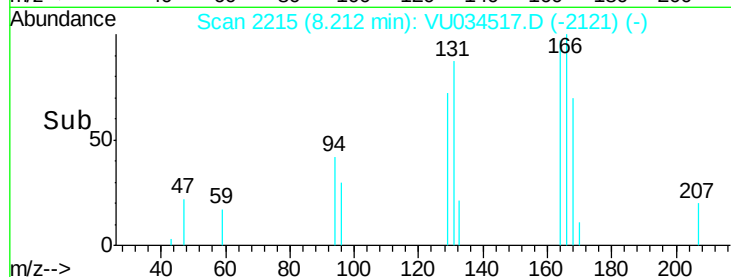
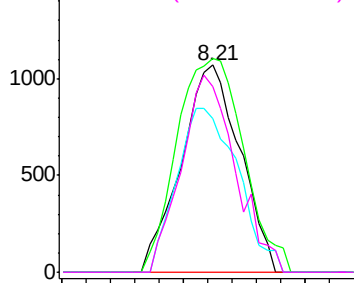


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU034517.D

Acq: 12 Sep 2019 13:52

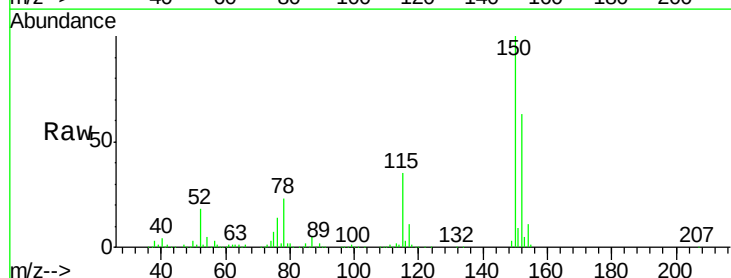
Tgt Ion:152 Resp: 208526

Ion Ratio Lower Upper

152 100

115 55.7 39.1 117.3

150 156.6 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

