

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034534.D
 Acq On : 12 Sep 2019 20:43
 Operator : JC/SP
 Sample : K4756-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW07S-M27W1-090419

Quant Time: Sep 16 11:32:29 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

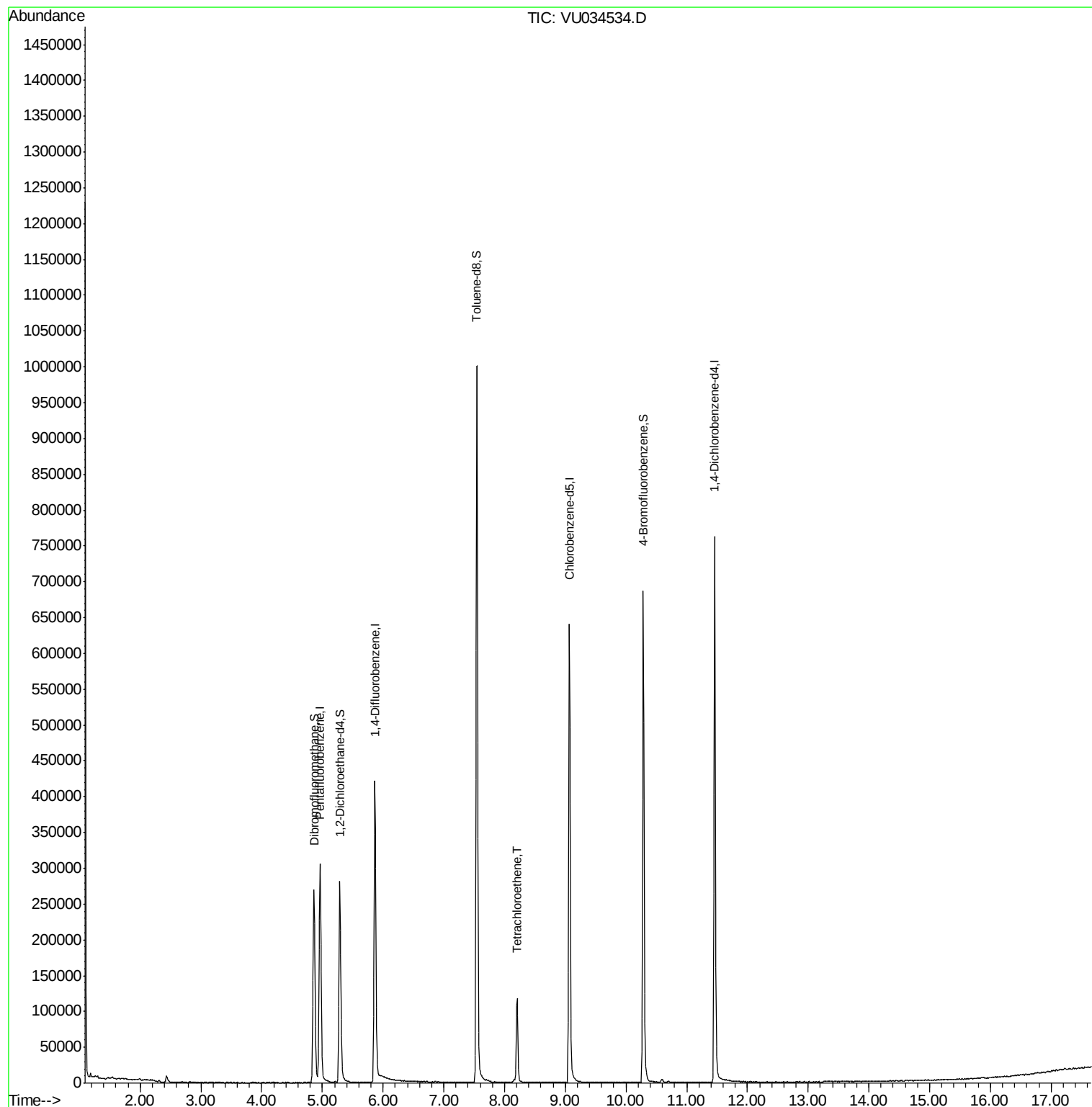
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	255558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	383307	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	392399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	224687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	222274	57.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.96%	
35) Dibromofluoromethane	4.86	113	197172	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
50) Toluene-d8	7.54	98	714495	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	10.29	95	239720	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
64) Tetrachloroethene	8.21	164	29597	8.694	ug/l	Qvalue 99

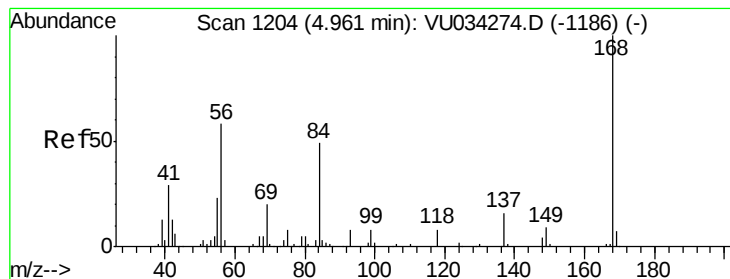
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034534.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

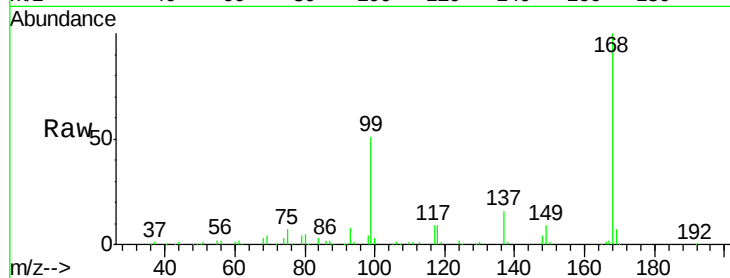
CPA-CPMW07S-M27W1-090419

Tot Ion:168 Resp: 255558

Ion Ratio Lower Upper

168 100

99 50.9 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

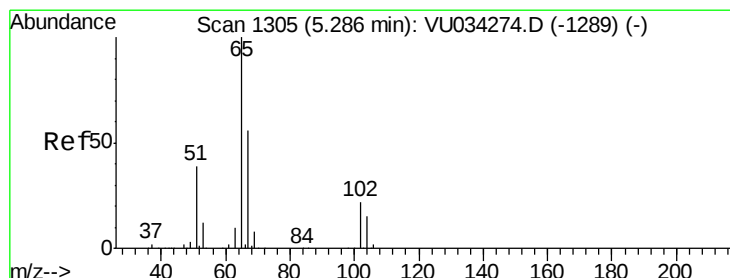
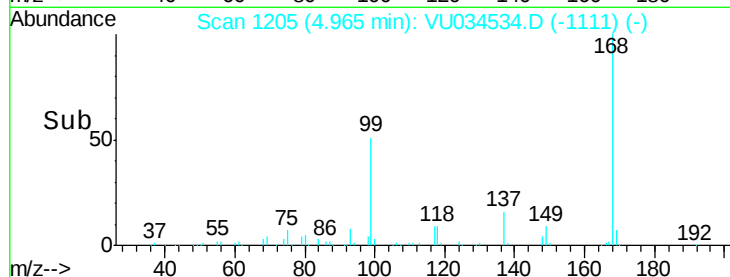
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.485 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034534.D

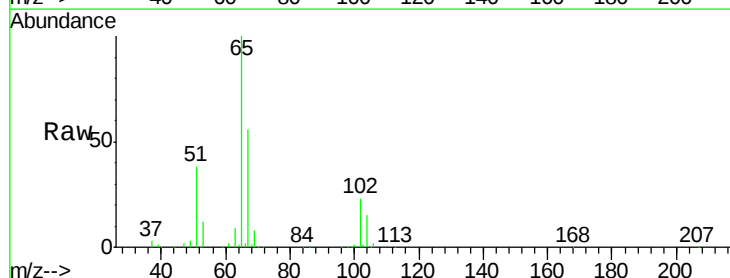
Acq: 12 Sep 2019 20:43

Tgt Ion: 65 Resp: 222274

Ion Ratio Lower Upper

65 100

67 56.2 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034274.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034274.D (-1289) (-)

5.29

100000

80000

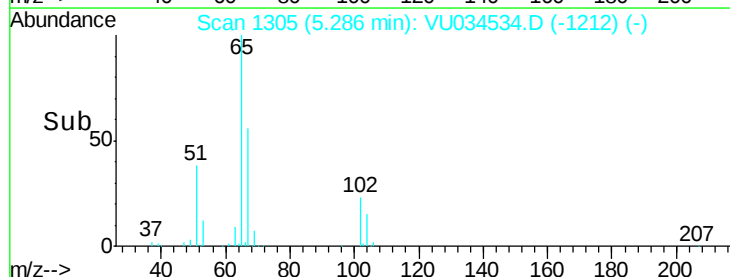
60000

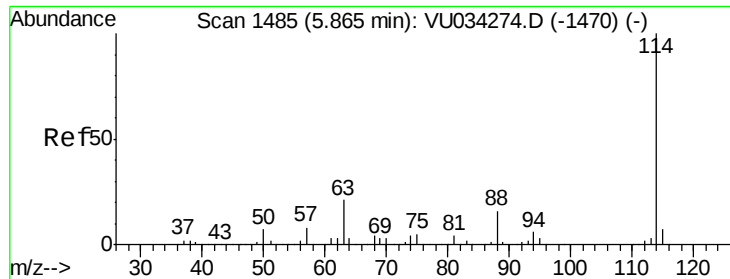
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034534.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW07S-M27W1-090419

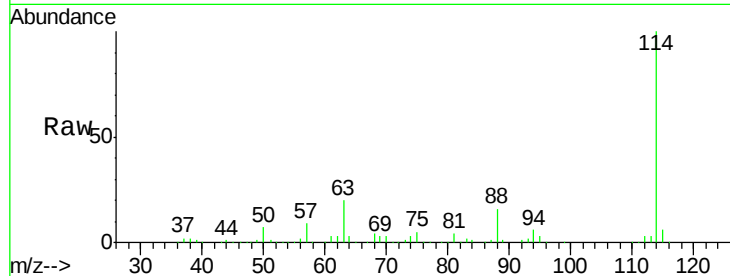
Tot Ion:114 Resp: 383307

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.8 0.0 32.4



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

250000

200000

150000

100000

50000

0

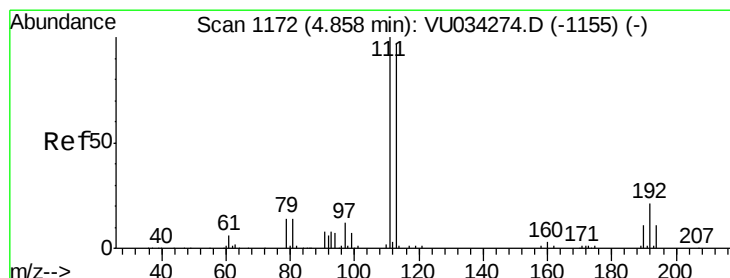
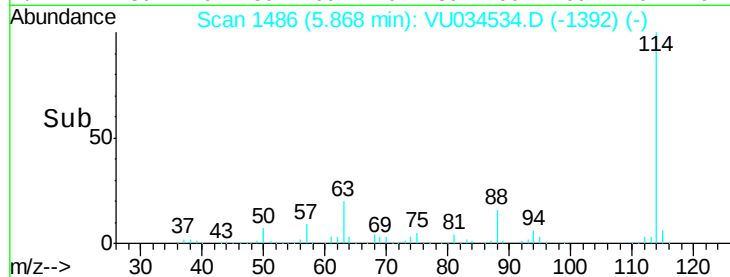
5.87

5.80

5.90

6.00

Time-->



#35

Dibromofluoromethane

Concen: 55.282 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034534.D

Acq: 12 Sep 2019 20:43

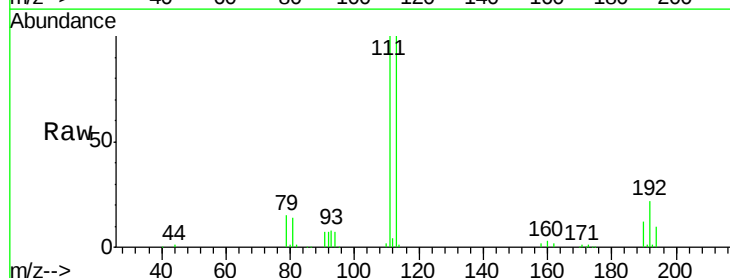
Tgt Ion:113 Resp: 197172

Ion Ratio Lower Upper

113 100

111 100.4 81.5 122.3

192 21.8 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

100000

80000

60000

40000

20000

0

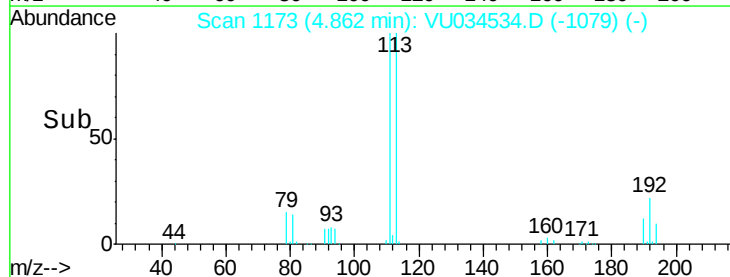
4.86

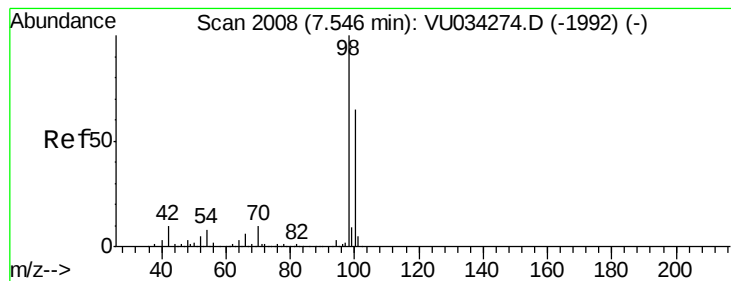
4.80

4.90

5.00

Time-->





#50

Toluene-d8

Concen: 53.320 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034534.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

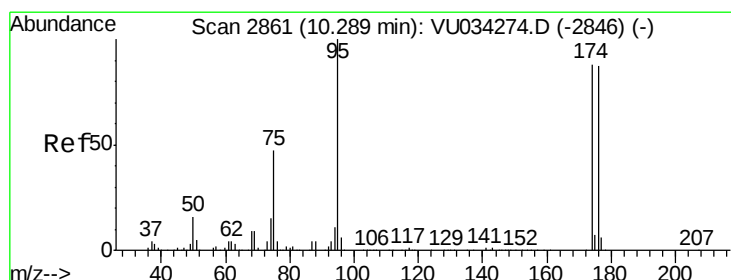
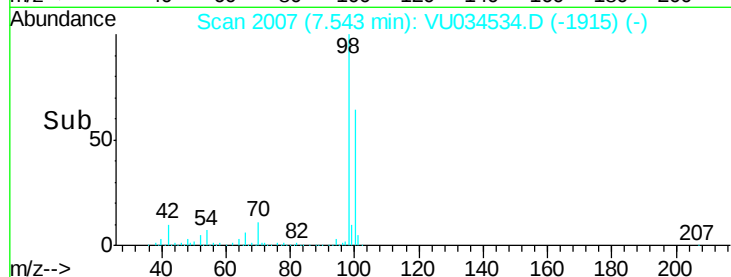
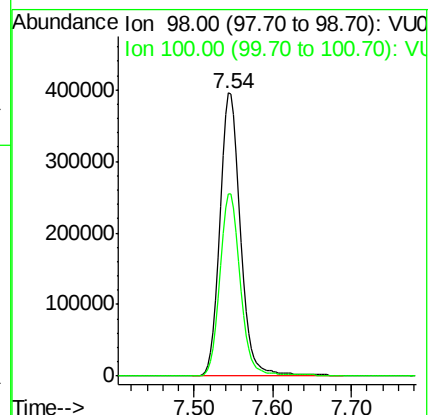
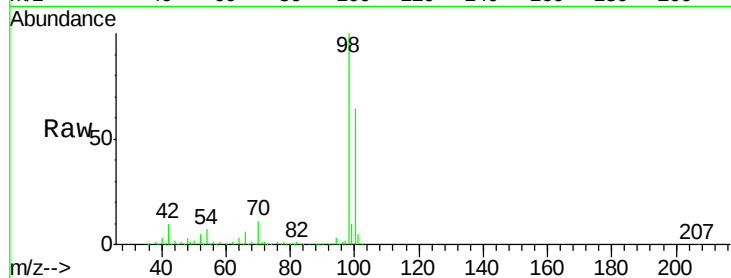
CPA-CPMW07S-M27W1-090419

Tot Ion: 98 Resp: 714495

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.334 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034534.D

Acq: 12 Sep 2019 20:43

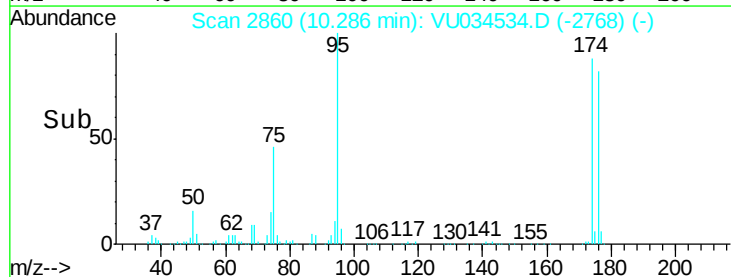
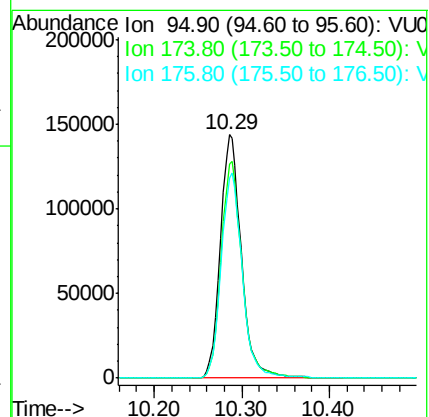
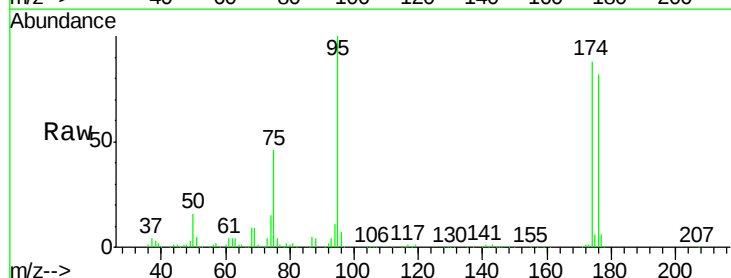
Tgt Ion: 95 Resp: 239720

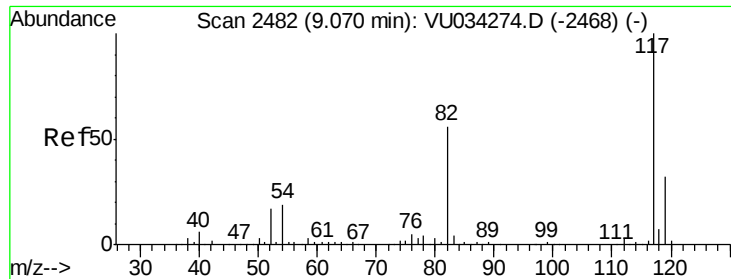
Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.2

176 85.3 0.0 168.0

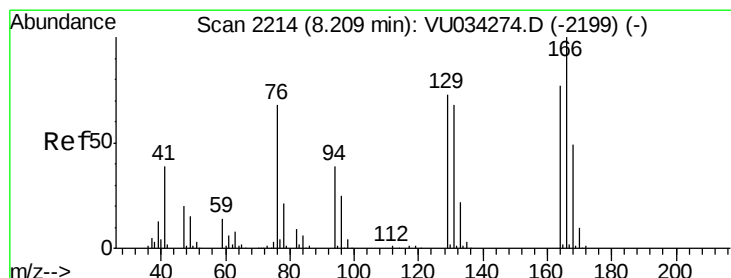
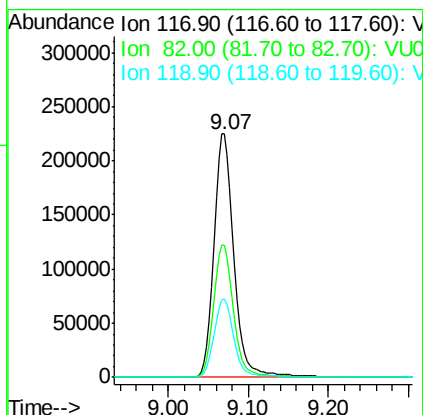
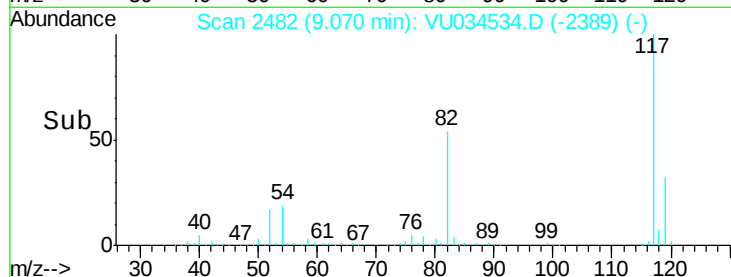
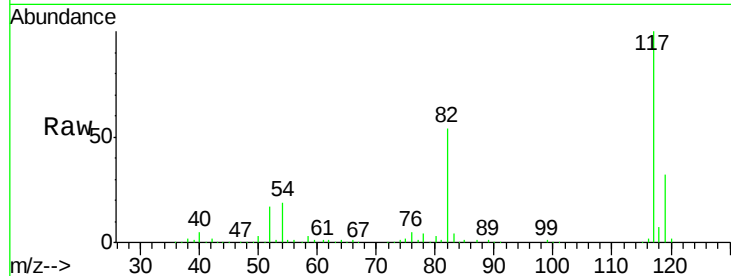




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034534.D
Acq: 12 Sep 2019 20:43

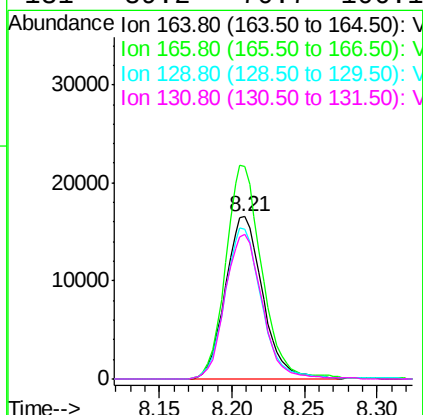
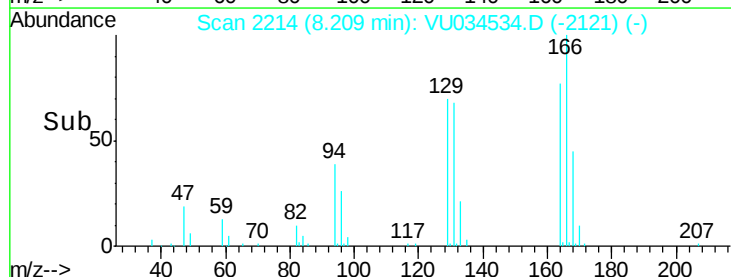
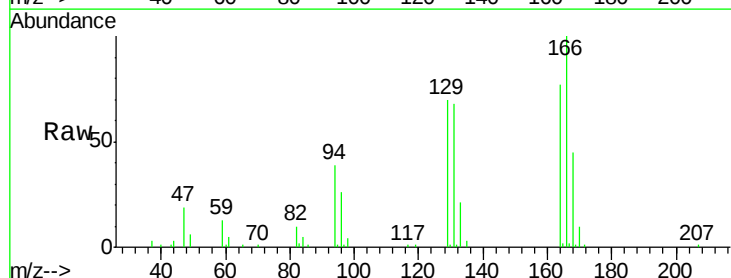
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW07S-M27W1-090419

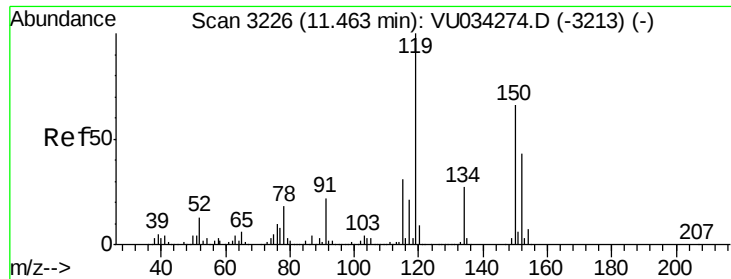
Tot Ion:117 Resp: 392399
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 8.694 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034534.D
Acq: 12 Sep 2019 20:43

Tgt Ion:164 Resp: 29597
Ion Ratio Lower Upper
164 100
166 130.6 103.7 155.5
129 92.1 75.8 113.8
131 89.2 70.7 106.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034534.D

Acq: 12 Sep 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW07S-M27W1-090419

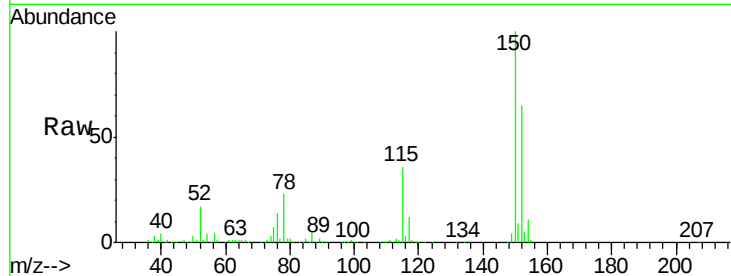
Tot Ion:152 Resp: 224687

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.3

150 155.8 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

