

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034511.D
 Acq On : 12 Sep 2019 11:33
 Operator : JC/SP
 Sample : K4756-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-15-M27W1-090619

Quant Time: Sep 13 07:33:00 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

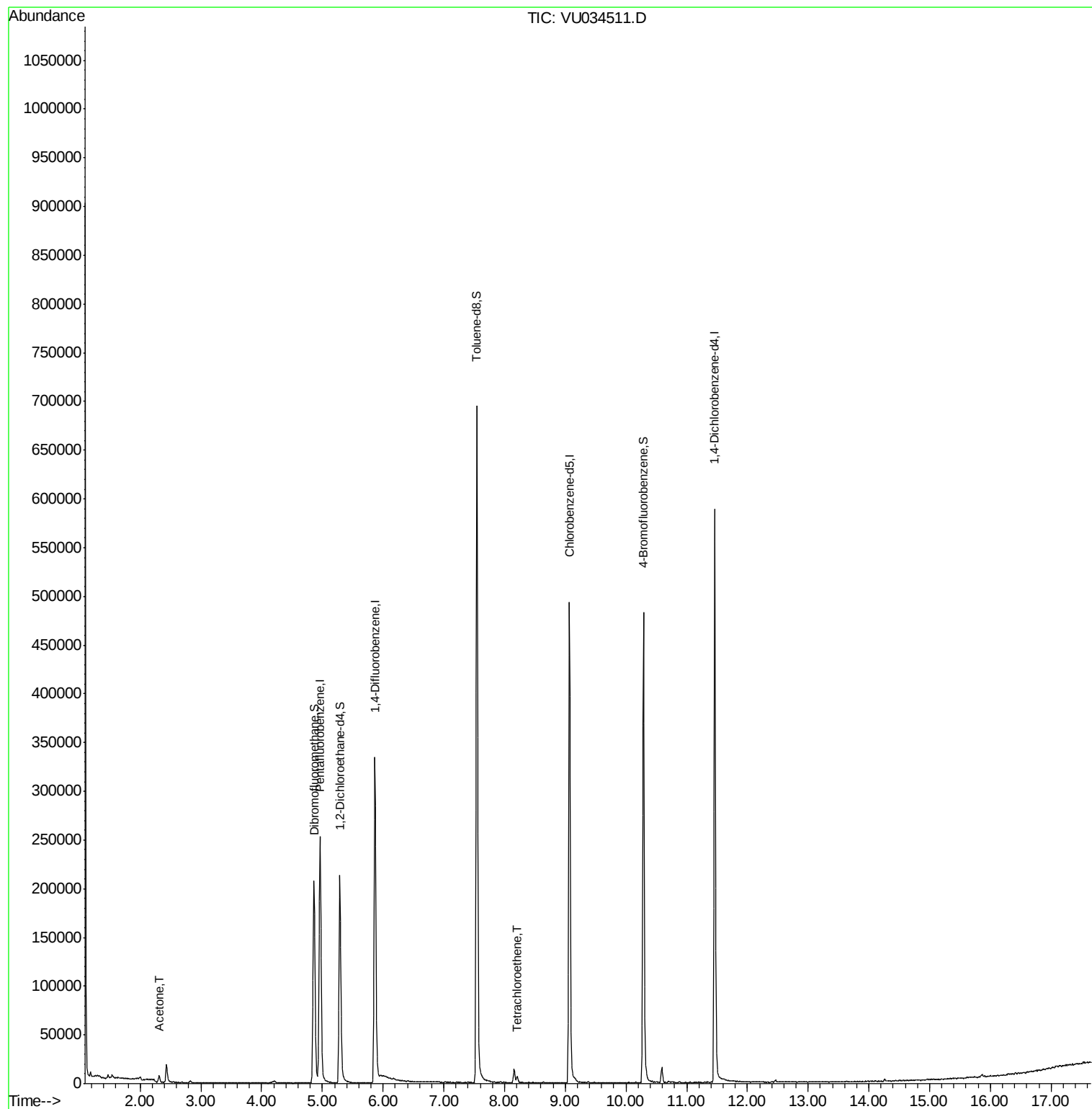
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	207671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	300467	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	300724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	170004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	169387	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	4.86	113	151081	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
50) Toluene-d8	7.55	98	497501	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	10.29	95	169568	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
Target Compounds						
16) Acetone	2.31	43	7659	4.710	ug/l	98
64) Tetrachloroethene	8.21	164	1626	0.623	ug/l #	86

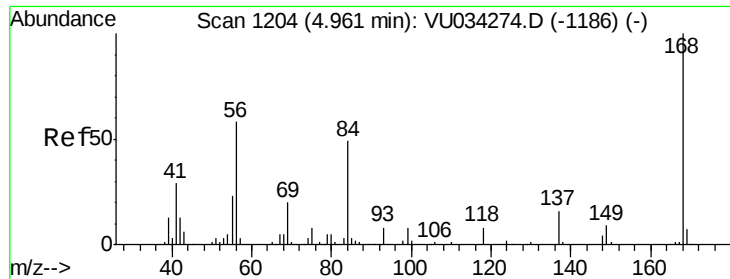
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034511.D

Acq: 12 Sep 2019 11:33

Instrument :

MSVOA_U

ClientSampleId :

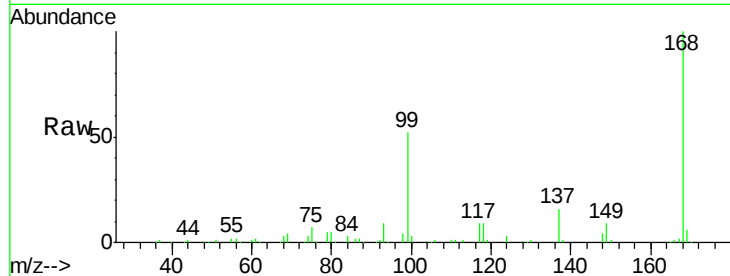
CPA-SW-15-M27W1-090619

Tot Ion:168 Resp: 207671

Ion Ratio Lower Upper

168 100

99 52.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034511.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034511.D (-1186) (-)

4.96

100000

80000

60000

40000

20000

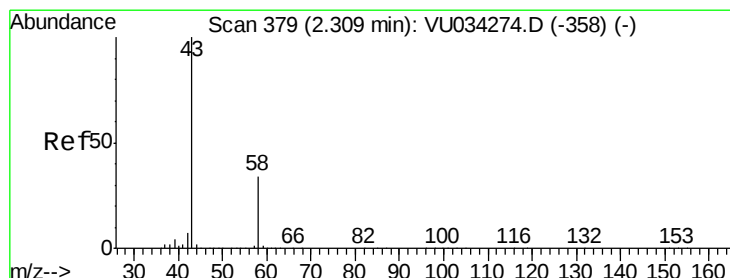
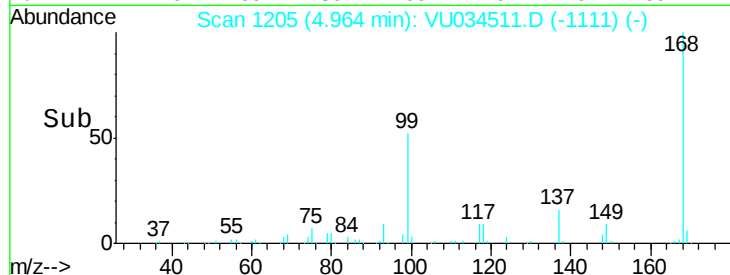
0

Time-->

4.90

5.00

5.10



#16

Acetone

Concen: 4.710 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034511.D

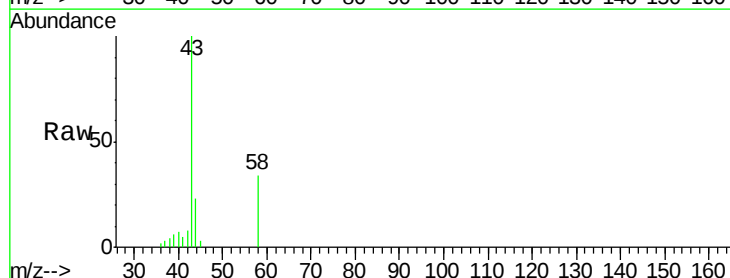
Acq: 12 Sep 2019 11:33

Tgt Ion: 43 Resp: 7659

Ion Ratio Lower Upper

43 100

58 33.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034511.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034511.D (-286) (-)

2.31

5000

4000

3000

2000

1000

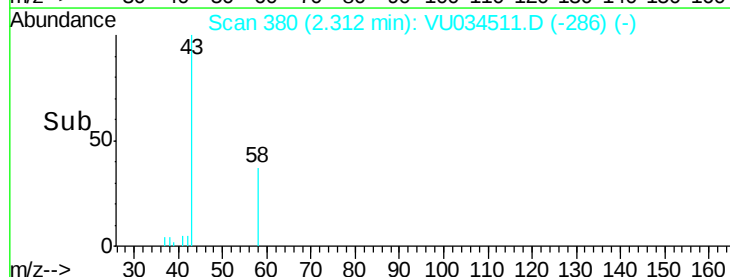
0

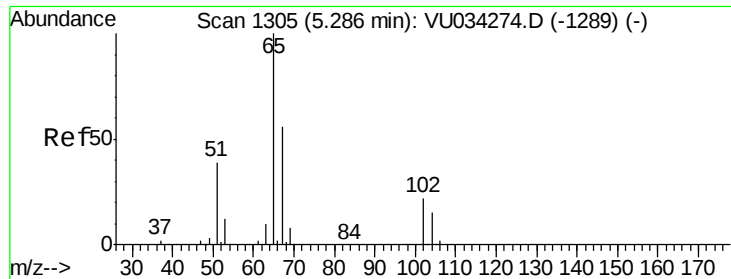
Time-->

2.25

2.30

2.35





#33

1,2-Dichloroethane-d4

Concen: 53.908 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034511.D

Acq: 12 Sep 2019 11:33

Instrument :

MSVOA_U

ClientSampleId :

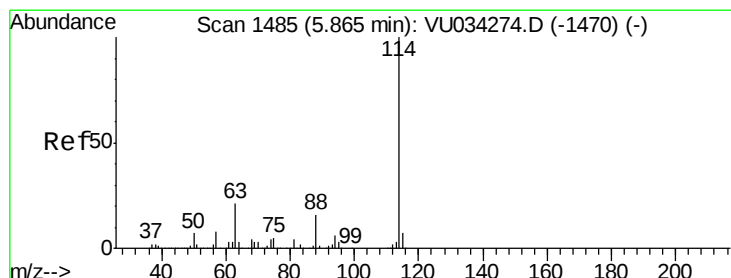
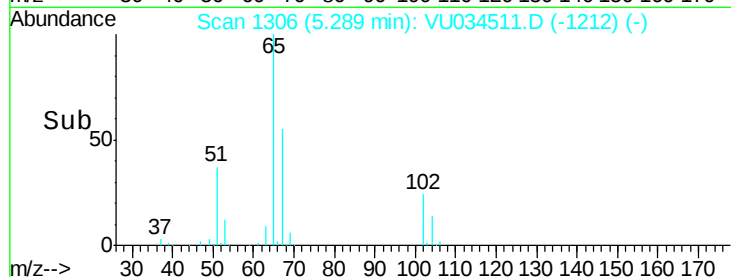
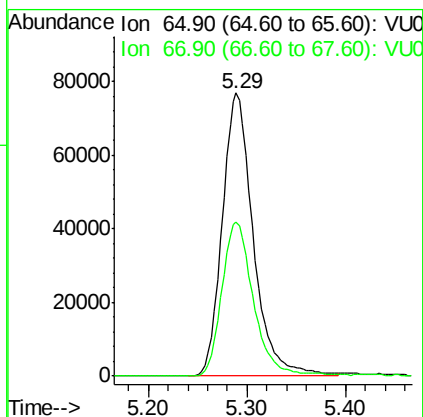
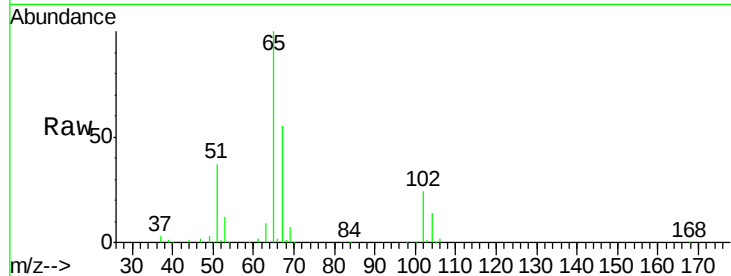
CPA-SW-15-M27W1-090619

Tot Ion: 65 Resp: 169387

Ion Ratio Lower Upper

65 100

67 55.8 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: VU034511.D

Acq: 12 Sep 2019 11:33

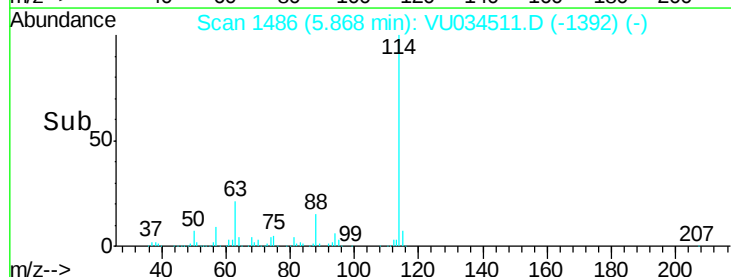
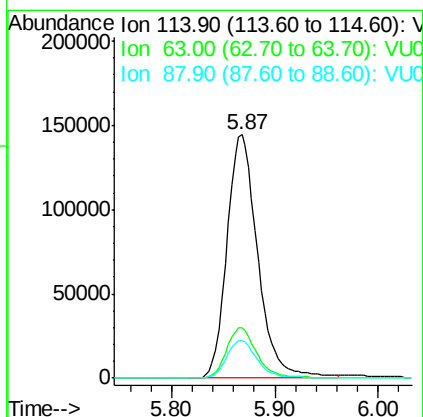
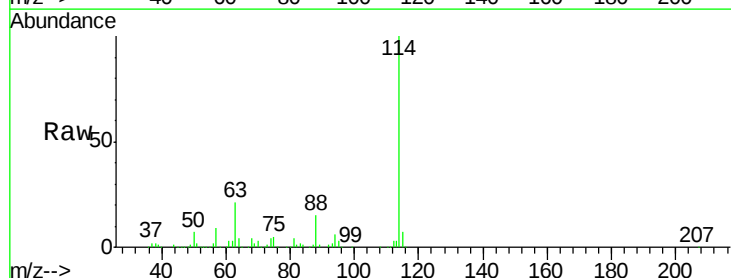
Tgt Ion: 114 Resp: 300467

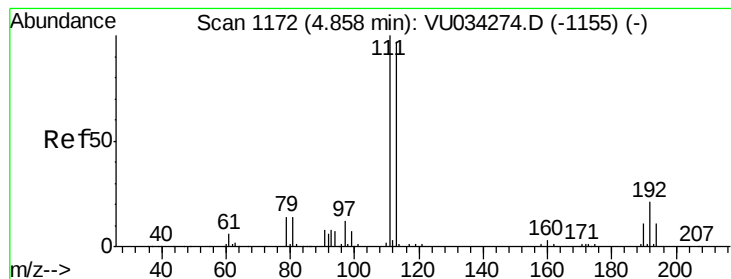
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.037 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034511.D

Acq: 12 Sep 2019 11:33

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-15-M27W1-090619

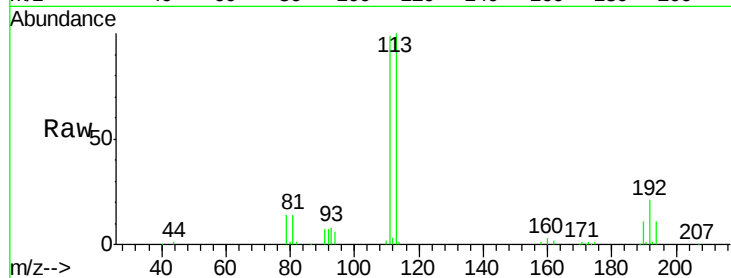
Tot Ion:113 Resp: 151081

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

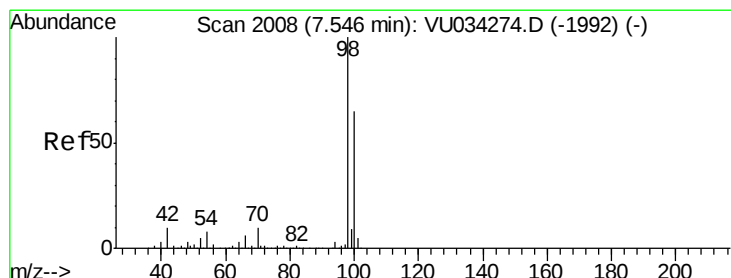
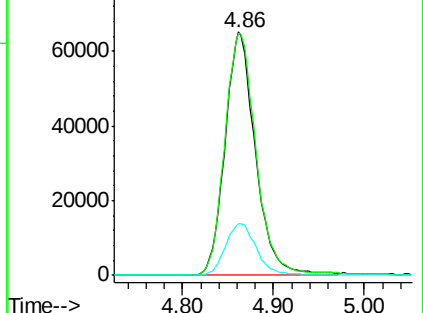
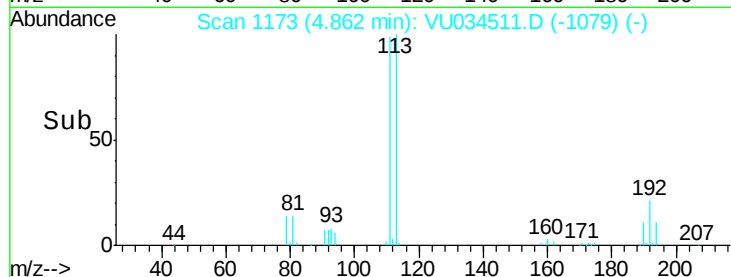
192 21.9 17.8 26.8



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: 47.363 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034511.D

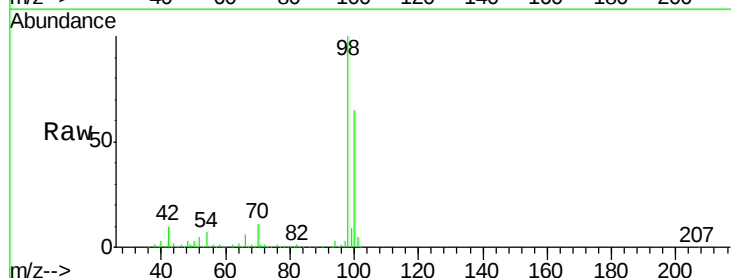
Acq: 12 Sep 2019 11:33

Tgt Ion: 98 Resp: 497501

Ion Ratio Lower Upper

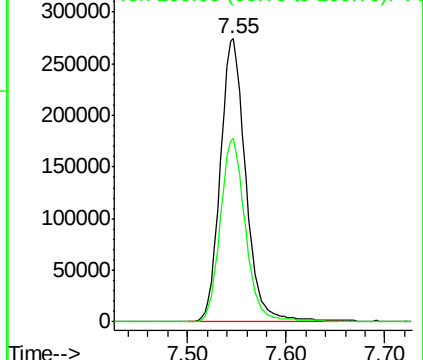
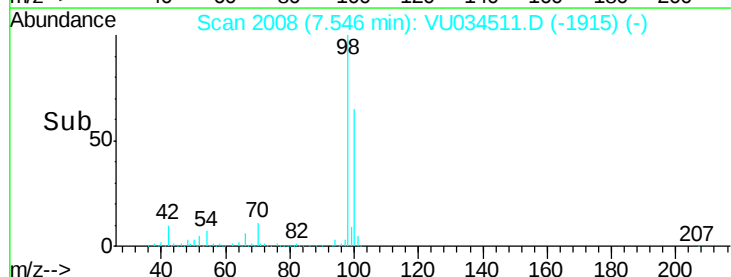
98 100

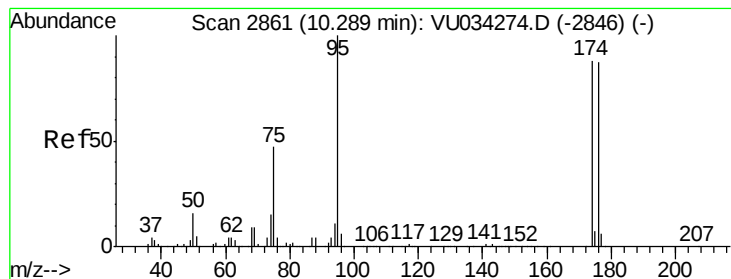
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 41.811 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034511.D

Acq: 12 Sep 2019 11:33

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-15-M27W1-090619

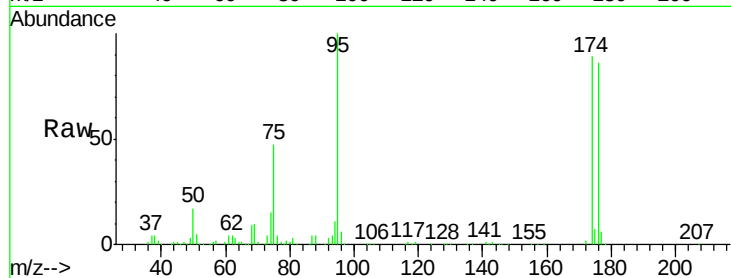
Tot Ion: 95 Resp: 169568

Ion Ratio Lower Upper

95 100

174 91.0 0.0 175.2

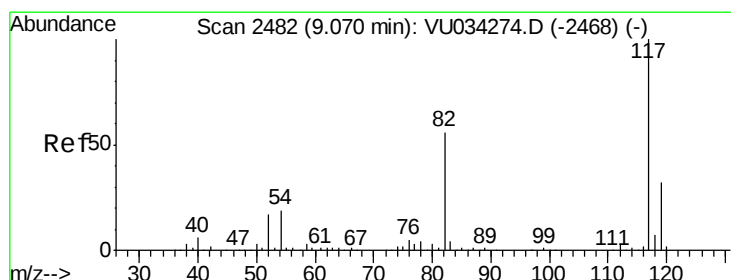
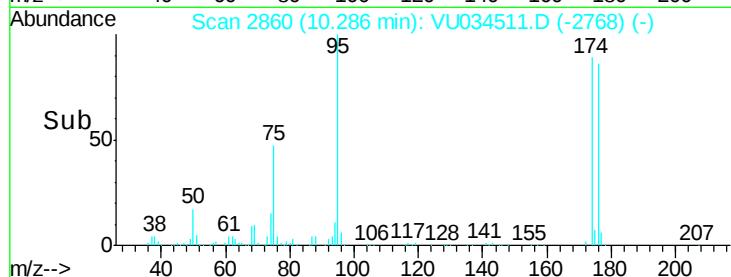
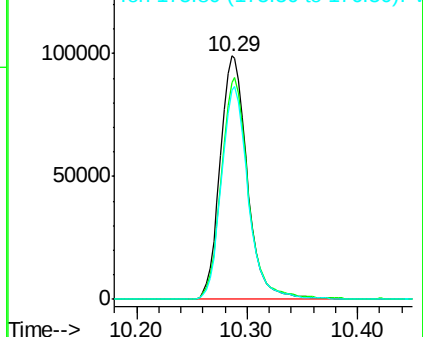
176 86.3 0.0 168.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034511.D

Acq: 12 Sep 2019 11:33

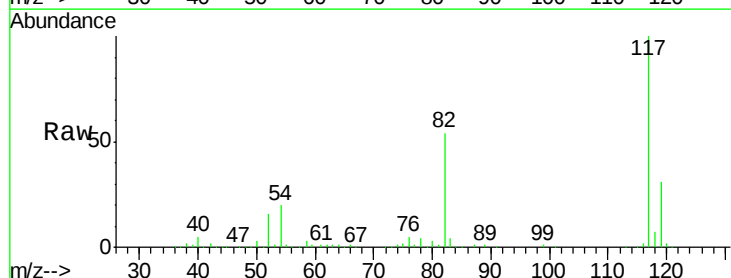
Tgt Ion: 117 Resp: 300724

Ion Ratio Lower Upper

117 100

82 54.0 44.6 67.0

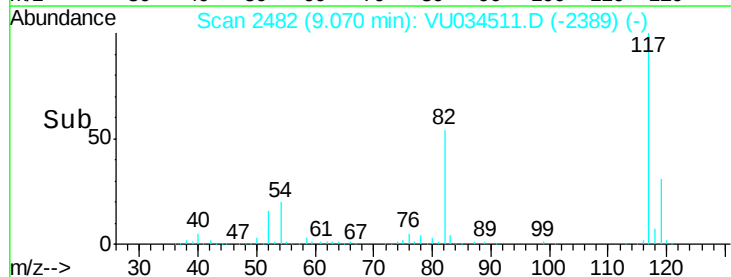
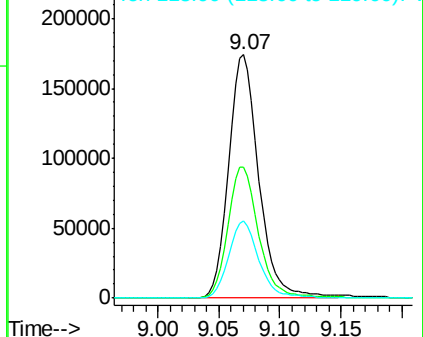
119 31.5 25.9 38.9

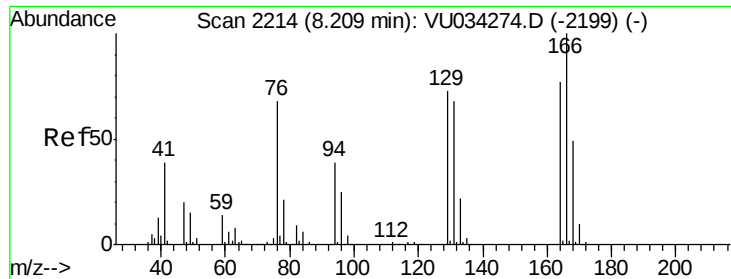


Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

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

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





#64

Tetrachloroethene

Concen: 0.623 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU034511.D

Acq: 12 Sep 2019 11:33

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-15-M27W1-090619

Tot Ion:164 Resp: 1626

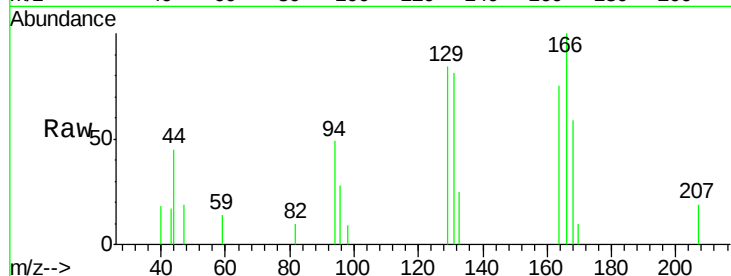
Ion Ratio Lower Upper

164 100

166 134.2 103.7 155.5

129 113.1 75.8 113.8

131 109.3 70.7 106.1#

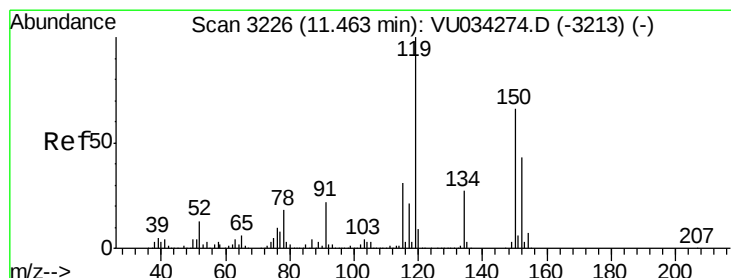
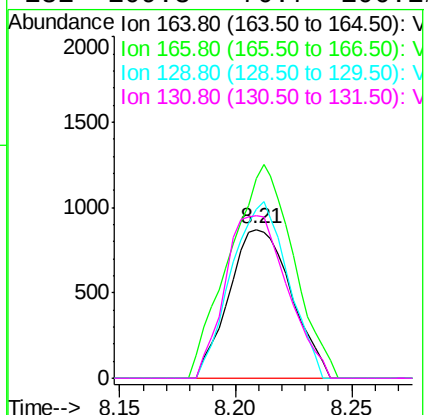
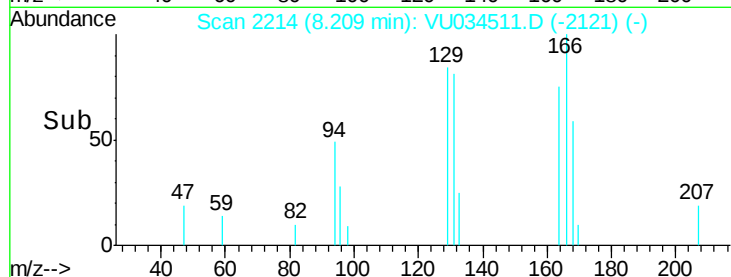


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU034511.D

Acq: 12 Sep 2019 11:33

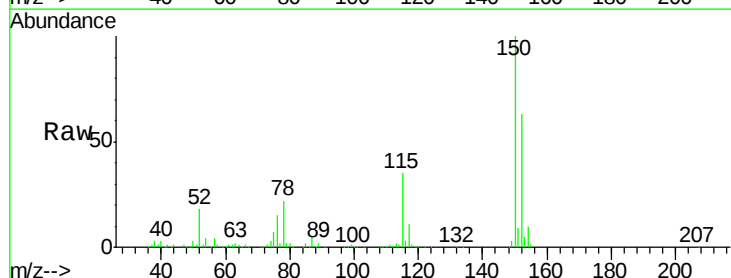
Tgt Ion:152 Resp: 170004

Ion Ratio Lower Upper

152 100

115 57.1 39.1 117.3

150 158.1 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

