

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034512.D
 Acq On : 12 Sep 2019 11:56
 Operator : JC/SP
 Sample : K4756-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-3-M27W1-090619

Quant Time: Sep 13 07:34:20 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

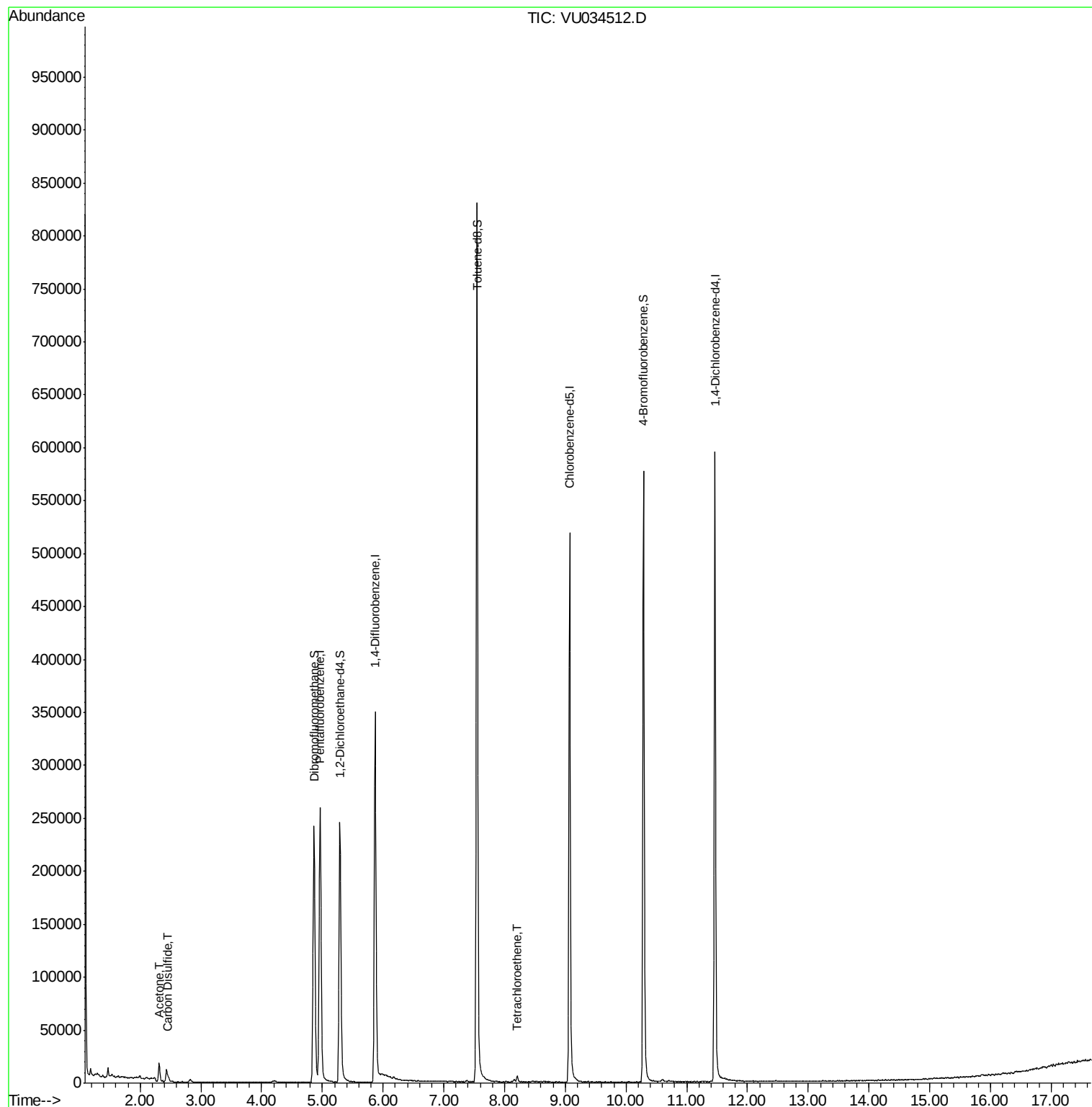
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	216238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	319511	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	315519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	174601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	197183	60.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.54%	
35) Dibromofluoromethane	4.86	113	174032	58.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.08%	
50) Toluene-d8	7.55	98	587286	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	10.29	95	203238	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
Target Compounds						
16) Acetone	2.31	43	18483	10.917	ug/l	93
17) Carbon Disulfide	2.47	76	3942	0.746	ug/l	97
64) Tetrachloroethene	8.21	164	1613	0.589	ug/l #	86

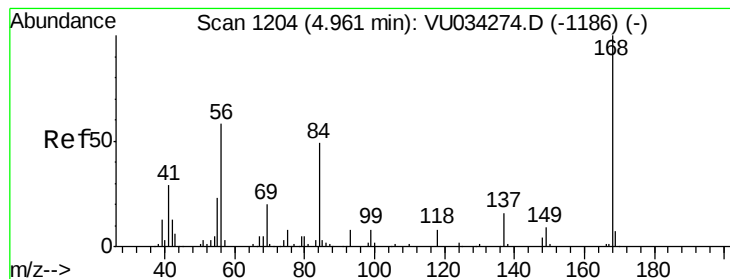
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034512.D

Acq: 12 Sep 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

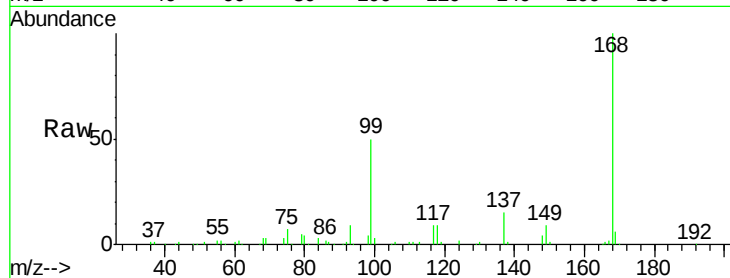
CPA-SW-3-M27W1-090619

Tot Ion:168 Resp: 216238

Ion Ratio Lower Upper

168 100

99 49.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034512.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034512.D (-1186) (-)

4.96

100000

80000

60000

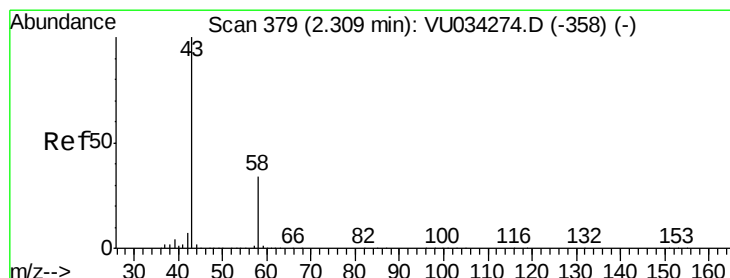
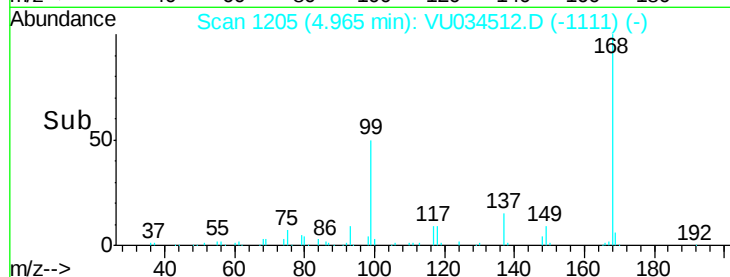
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 10.917 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034512.D

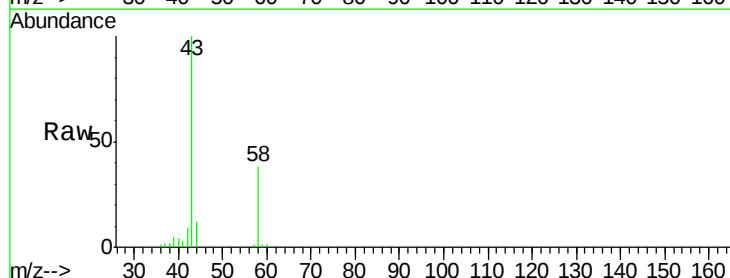
Acq: 12 Sep 2019 11:56

Tgt Ion: 43 Resp: 18483

Ion Ratio Lower Upper

43 100

58 38.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034512.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034512.D (-286) (-)

2.31

12000

10000

8000

6000

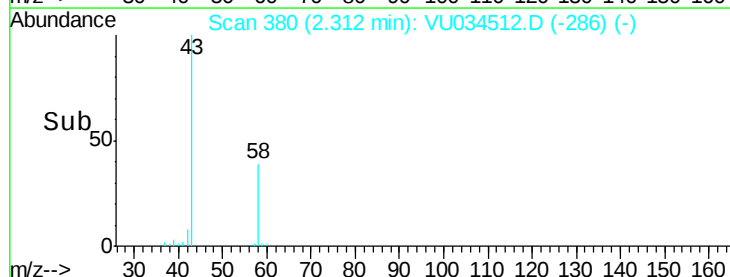
4000

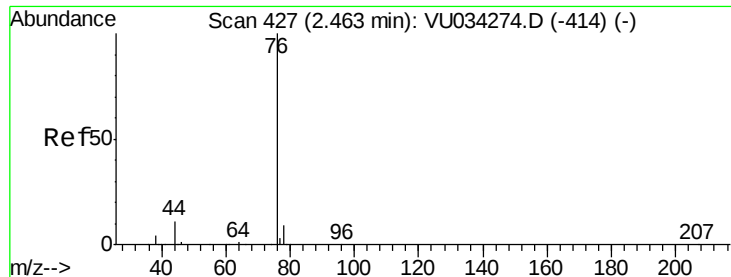
2000

0

Time-->

2.25 2.30 2.35





#17

Carbon Disulfide

Concen: 0.746 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034512.D

Acq: 12 Sep 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

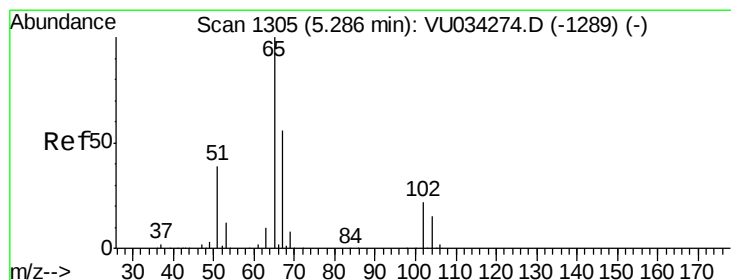
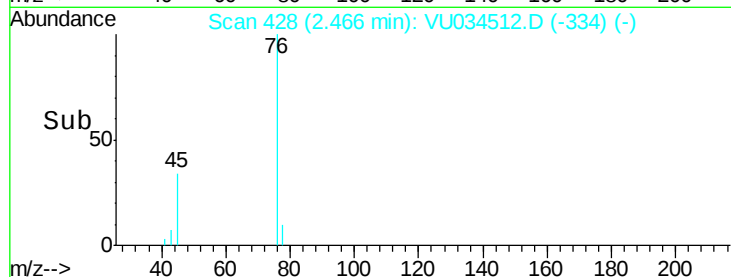
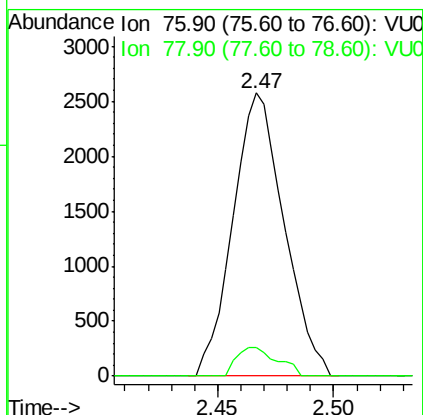
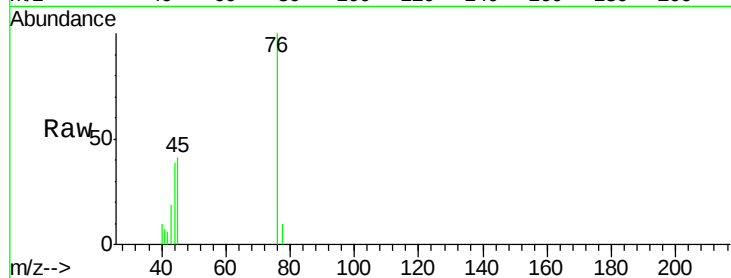
CPA-SW-3-M27W1-090619

Tot Ion: 76 Resp: 3942

Ion Ratio Lower Upper

76 100

78 10.1 7.2 10.8



#33

1,2-Dichloroethane-d4

Concen: 60.268 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034512.D

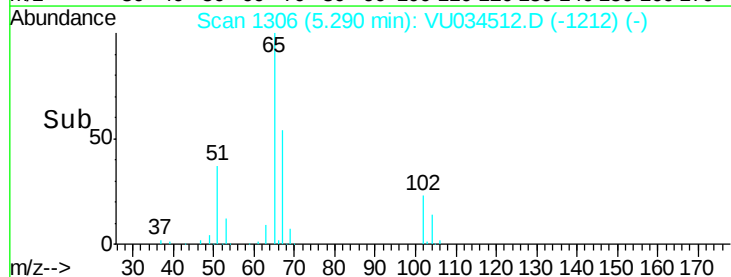
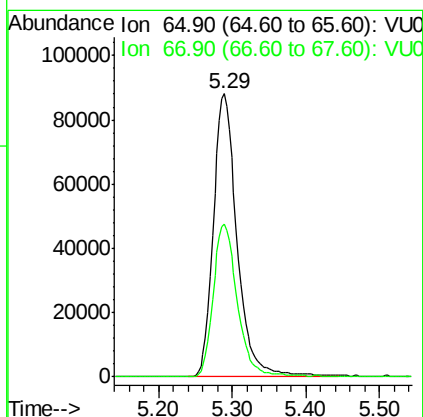
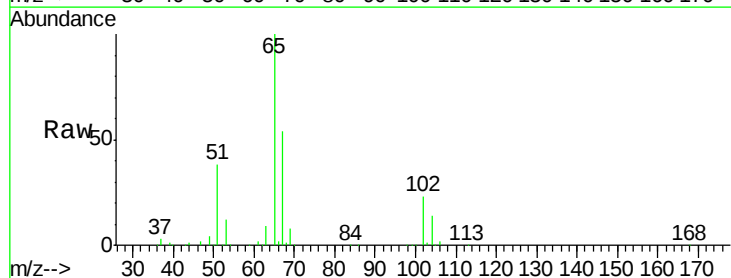
Acq: 12 Sep 2019 11:56

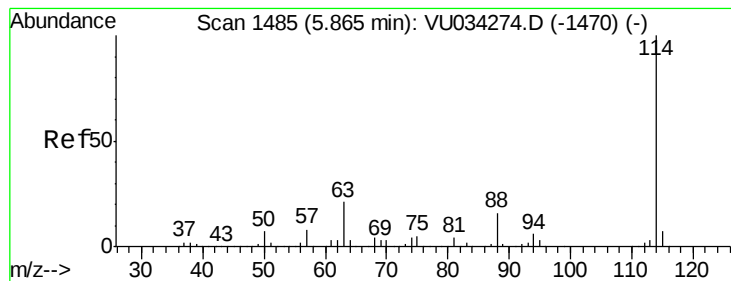
Tgt Ion: 65 Resp: 197183

Ion Ratio Lower Upper

65 100

67 54.4 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: VU034512.D

Acq: 12 Sep 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-3-M27W1-090619

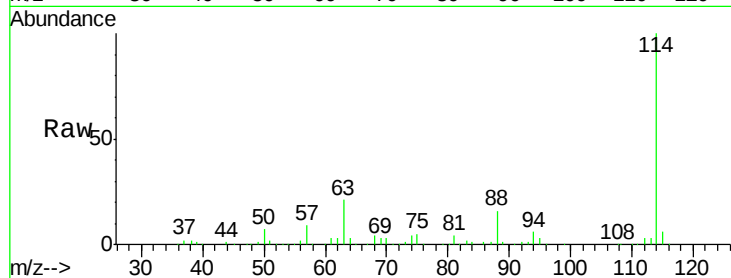
Tot Ion:114 Resp: 319511

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

88 15.5 0.0 32.4



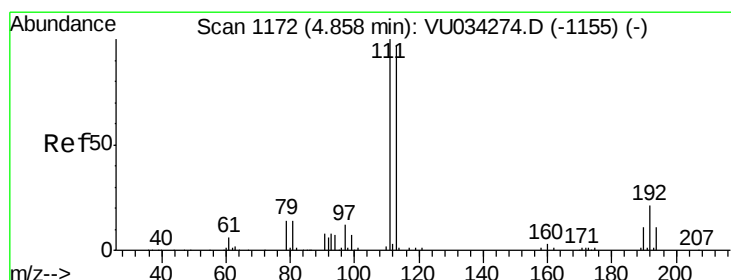
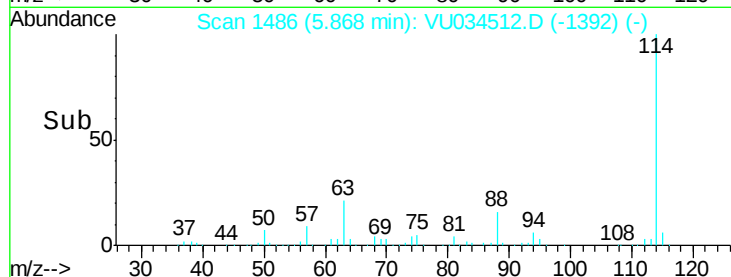
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

5.87

Time-->



#35

Dibromofluoromethane

Concen: 58.536 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034512.D

Acq: 12 Sep 2019 11:56

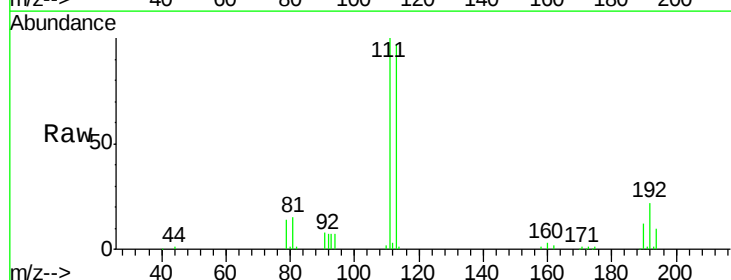
Tgt Ion:113 Resp: 174032

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

192 22.2 17.8 26.8



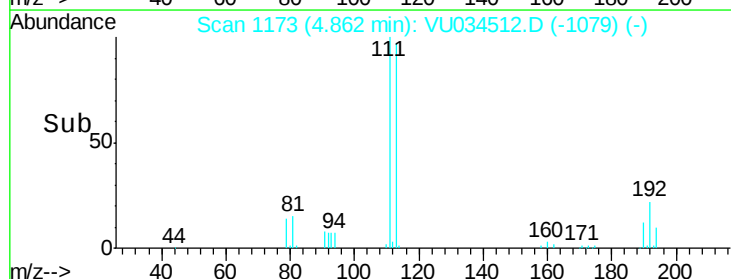
Abundance Ion 112.80 (112.50 to 113.50): V

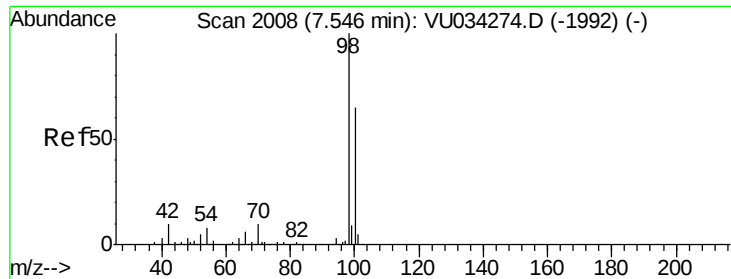
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

4.86

Time-->





#50

Toluene-d8

Concen: 52.578 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034512.D

Acq: 12 Sep 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

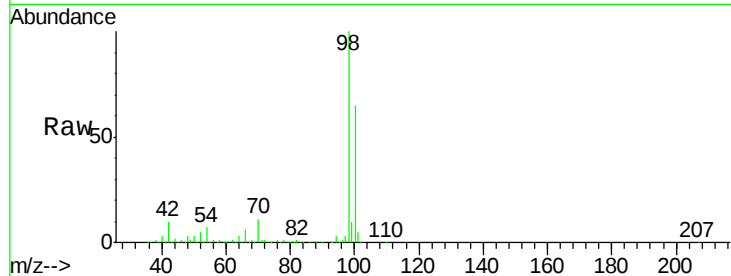
CPA-SW-3-M27W1-090619

Tot Ion: 98 Resp: 587286

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034274.D (-1992) (-)

7.55

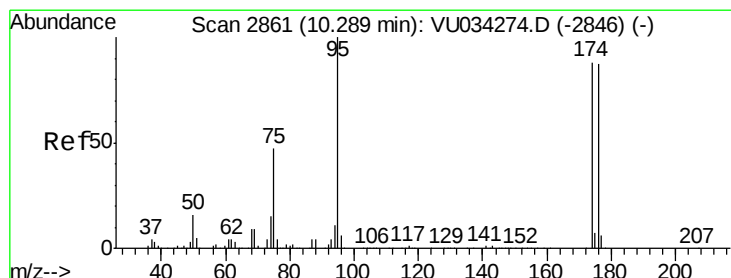
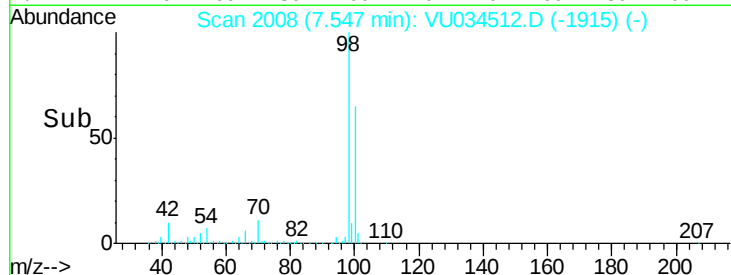
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.126 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034512.D

Acq: 12 Sep 2019 11:56

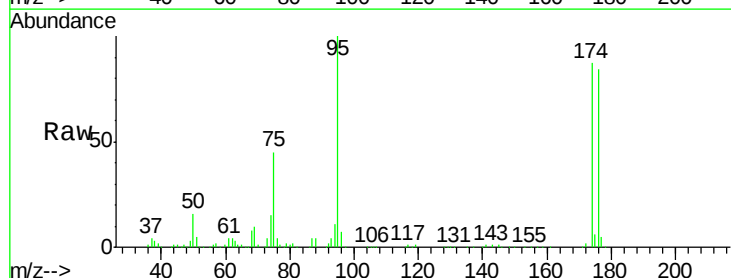
Tgt Ion: 95 Resp: 203238

Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.2

176 84.7 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) (-)

10.29

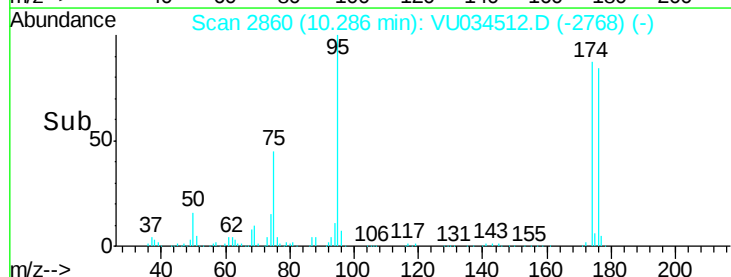
150000

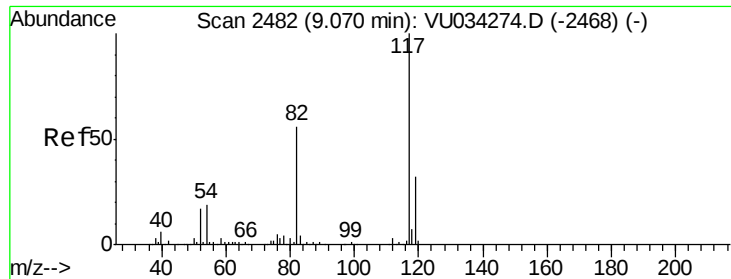
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034512.D

Acq: 12 Sep 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-3-M27W1-090619

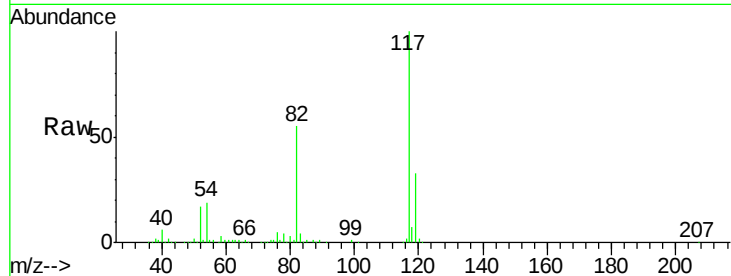
Tot Ion:117 Resp: 315519

Ion Ratio Lower Upper

117 100

82 54.8 44.6 67.0

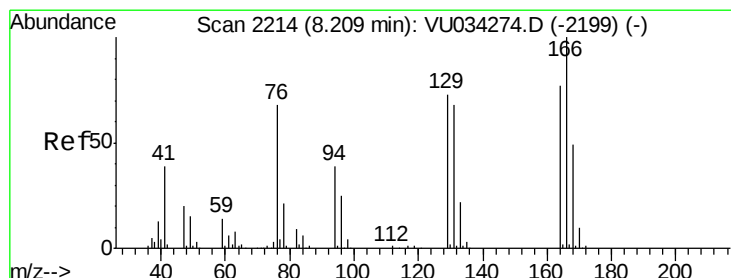
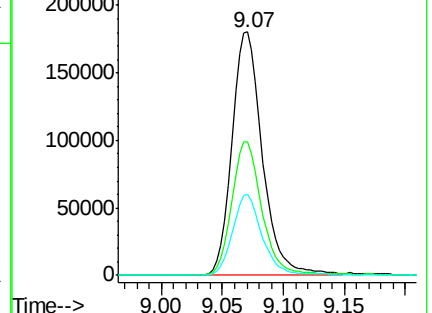
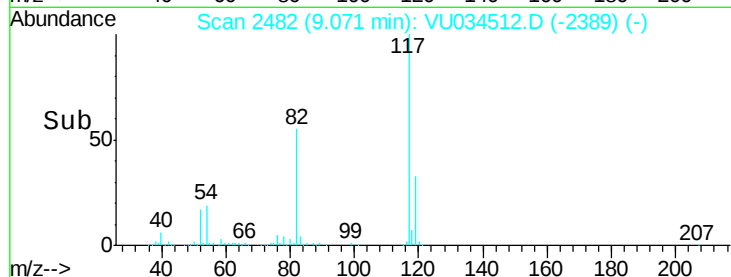
119 33.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.589 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034512.D

Acq: 12 Sep 2019 11:56

Tgt Ion:164 Resp: 1613

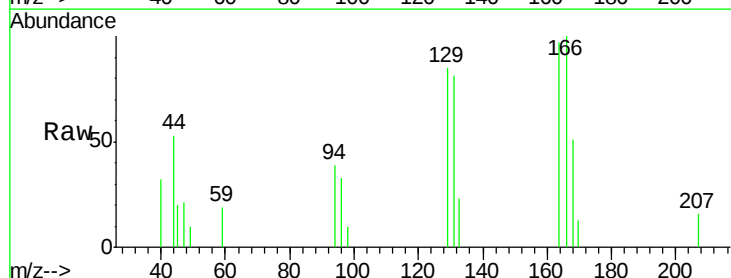
Ion Ratio Lower Upper

164 100

166 102.7 103.7 155.5#

129 87.3 75.8 113.8

131 83.0 70.7 106.1

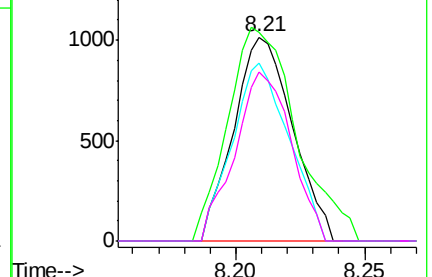
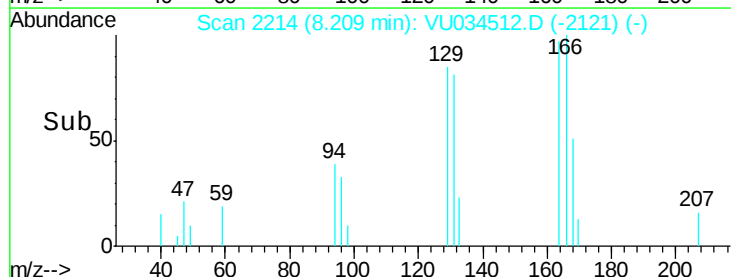


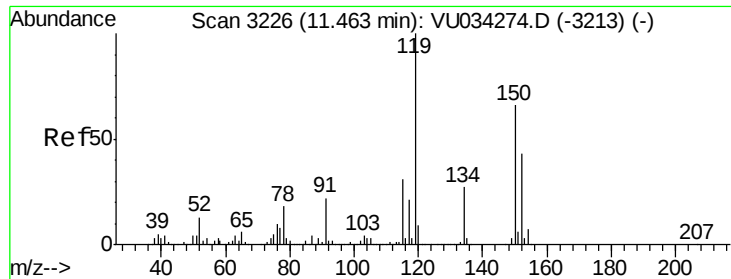
Abundance Ion 163.80 (163.50 to 164.50): V

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: VU034512.D

Acq: 12 Sep 2019 11:56

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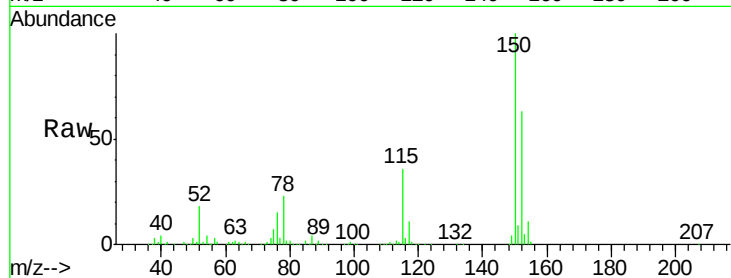
Tot Ion:152 Resp: 174601

Ion Ratio Lower Upper

152 100

115 56.8 39.1 117.3

150 157.9 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

