

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034529.D
 Acq On : 12 Sep 2019 18:47
 Operator : JC/SP
 Sample : K4756-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW10S-M27W1-090319

Quant Time: Sep 13 08:04:23 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

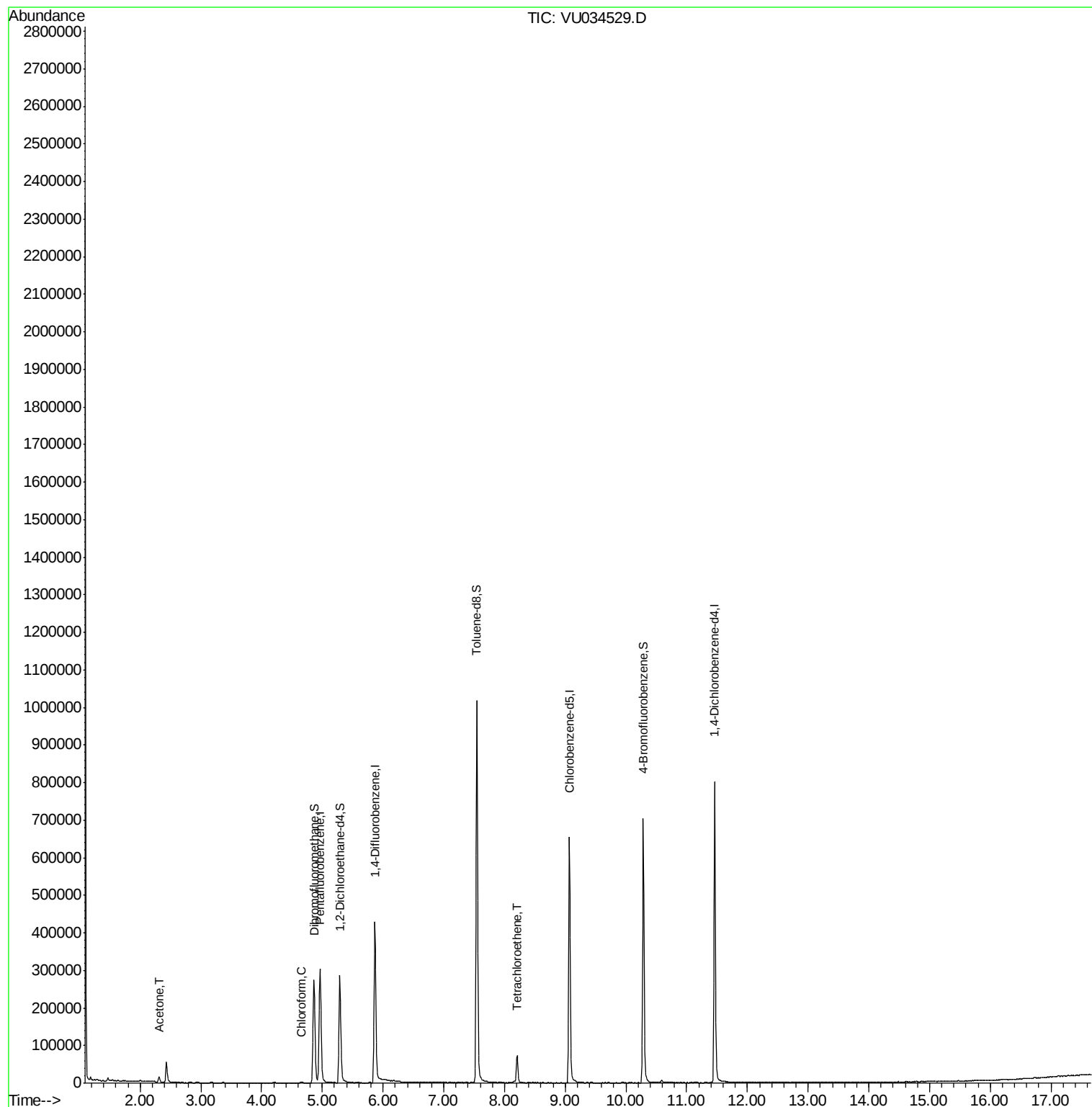
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	257161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	391574	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	398744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	228792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	225982	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	4.86	113	197830	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
50) Toluene-d8	7.55	98	723010	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	10.29	95	245851	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
16) Acetone	2.31	43	15993	7.943	ug/l	98
30) Chloroform	4.65	83	2950	0.466	ug/l	91
64) Tetrachloroethene	8.21	164	18380	5.313	ug/l	97

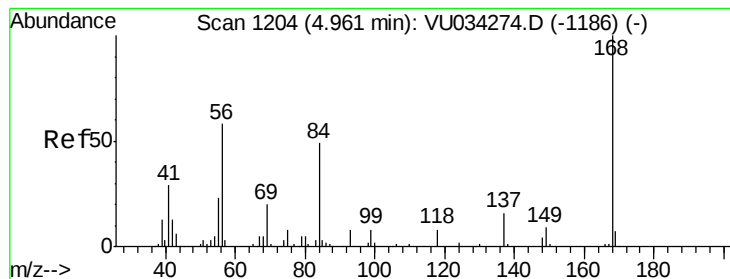
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034529.D

Acq: 12 Sep 2019 18:47

Instrument :

MSVOA_U

ClientSampleId :

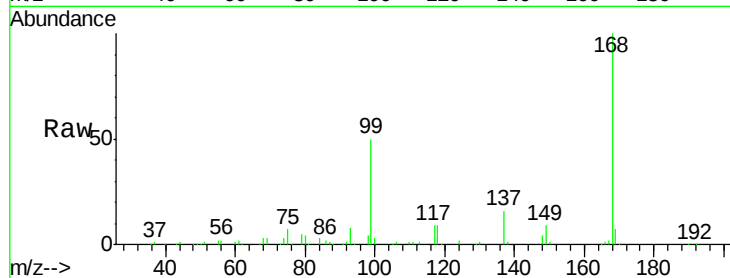
CPA-CPMW10S-M27W1-090319

Tot Ion:168 Resp: 257161

Ion Ratio Lower Upper

168 100

99 50.1 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

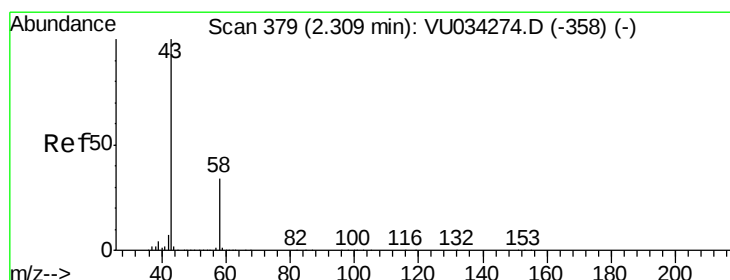
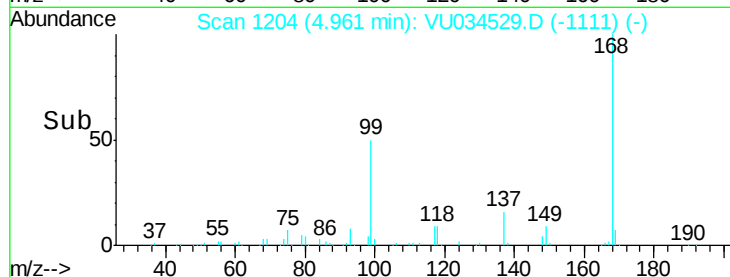
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.943 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034529.D

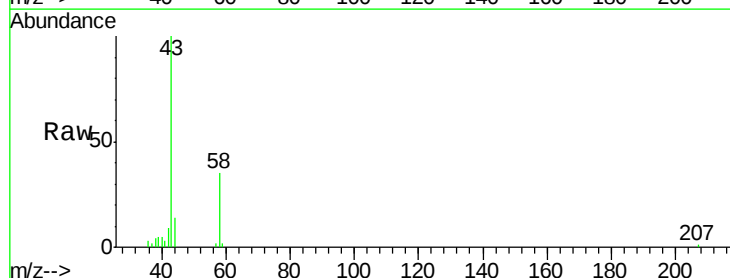
Acq: 12 Sep 2019 18:47

Tgt Ion: 43 Resp: 15993

Ion Ratio Lower Upper

43 100

58 35.7 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

10000

8000

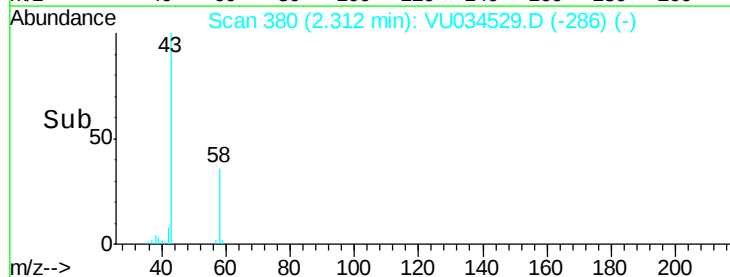
6000

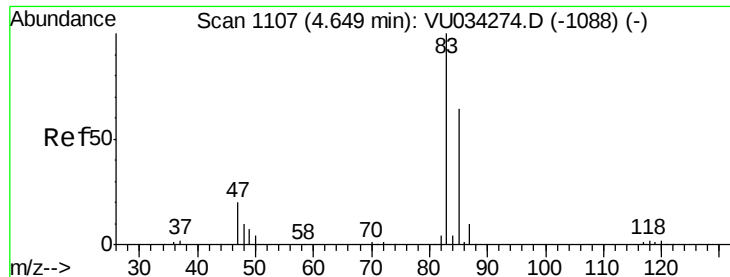
4000

2000

0

Time-->

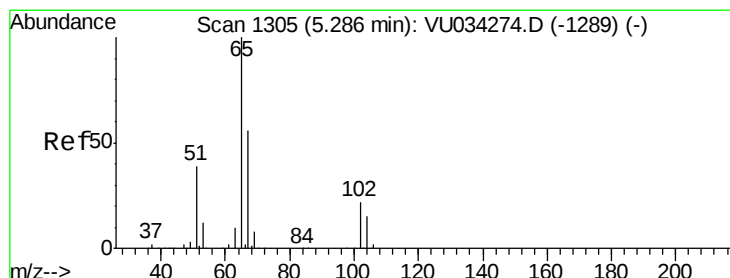
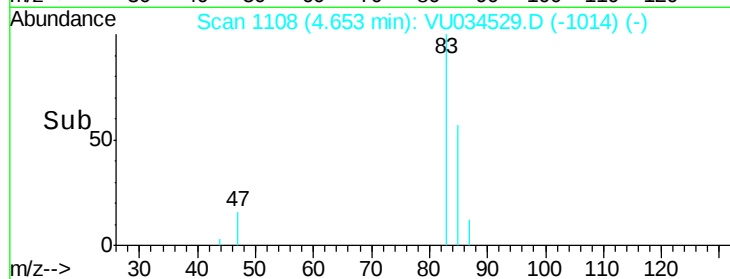
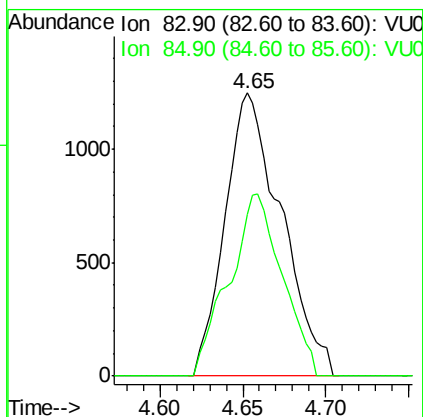
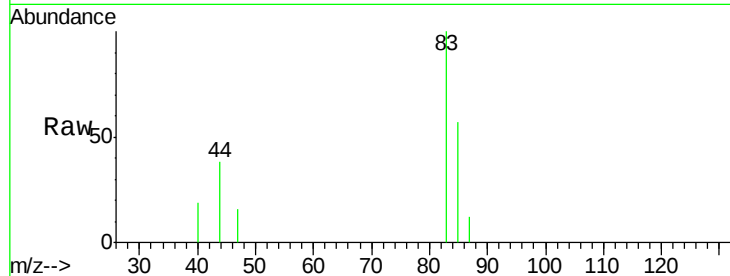




#30
Chloroform
Concen: 0.466 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034529.D
Acq: 12 Sep 2019 18:47

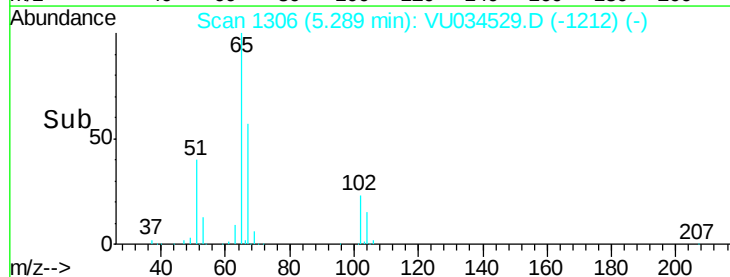
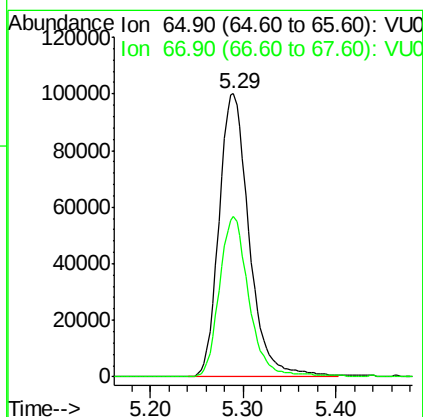
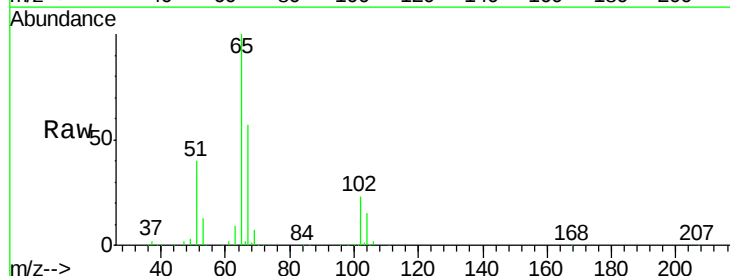
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW10S-M27W1-090319

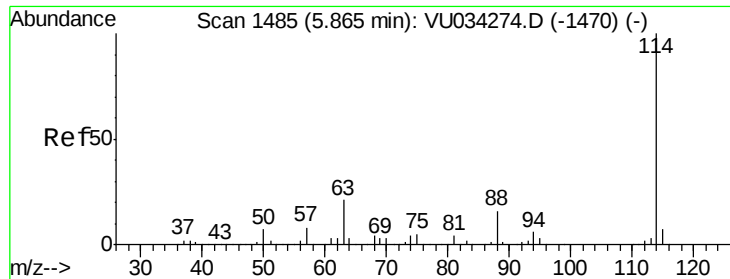
Tot Ion: 83 Resp: 2950
Ion Ratio Lower Upper
83 100
85 57.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 58.079 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034529.D
Acq: 12 Sep 2019 18:47

Tgt Ion: 65 Resp: 225982
Ion Ratio Lower Upper
65 100
67 54.8 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: VU034529.D

Acq: 12 Sep 2019 18:47

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW10S-M27W1-090319

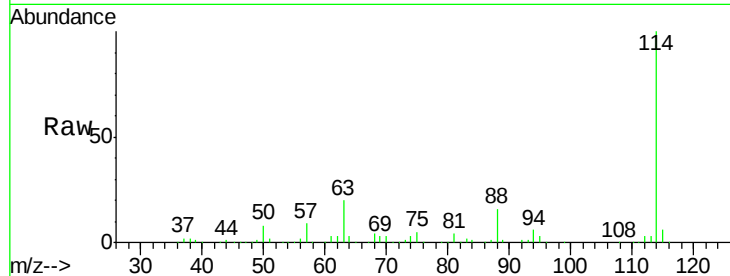
Tot Ion:114 Resp: 391574

Ion Ratio Lower Upper

114 100

63 20.3 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

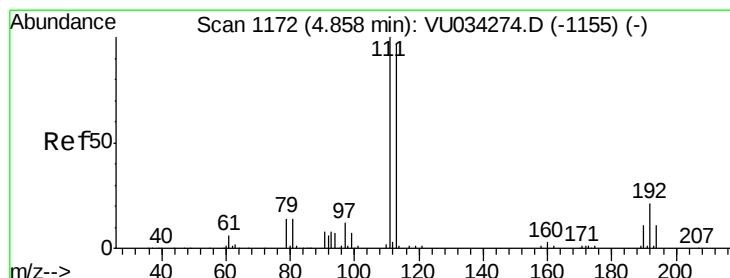
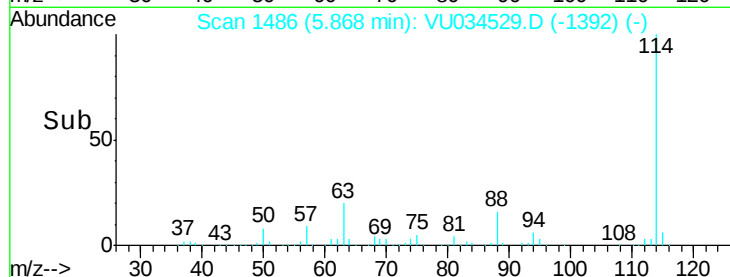
50000

0

5.87

5.80 5.90 6.00 6.10

Time-->



#35

Dibromofluoromethane

Concen: 54.295 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034529.D

Acq: 12 Sep 2019 18:47

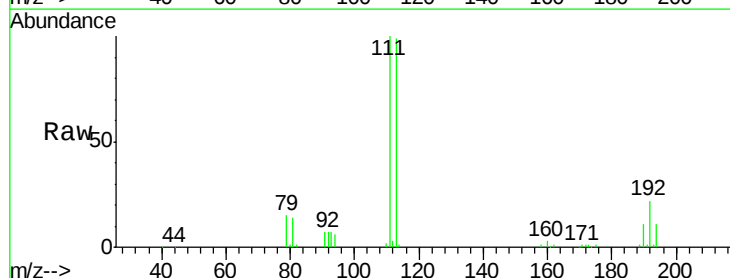
Tgt Ion:113 Resp: 197830

Ion Ratio Lower Upper

113 100

111 101.9 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

120000

100000

80000

60000

40000

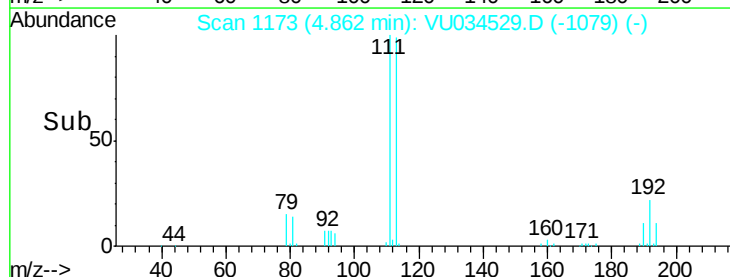
20000

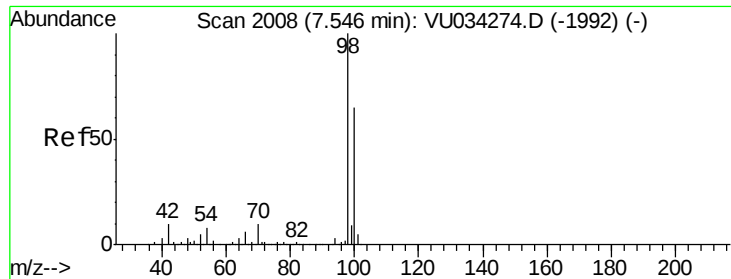
0

4.86

4.80 4.90 5.00

Time-->

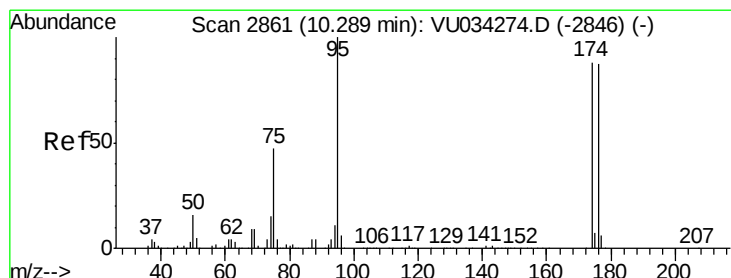
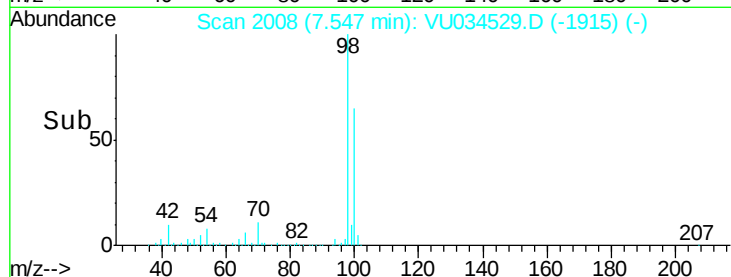
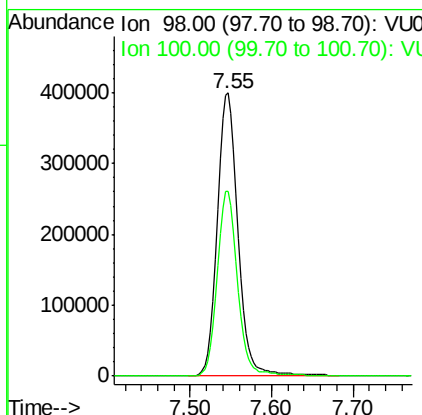
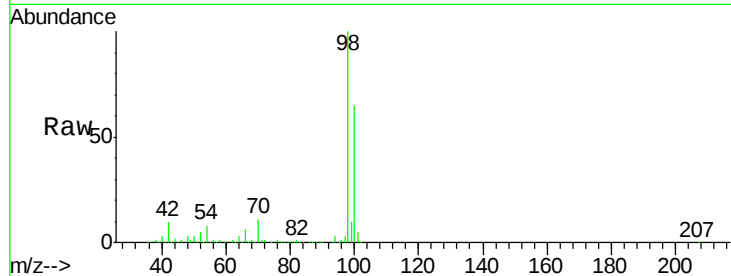




#50
Toluene-d8
Concen: 52.816 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034529.D
Acq: 12 Sep 2019 18:47

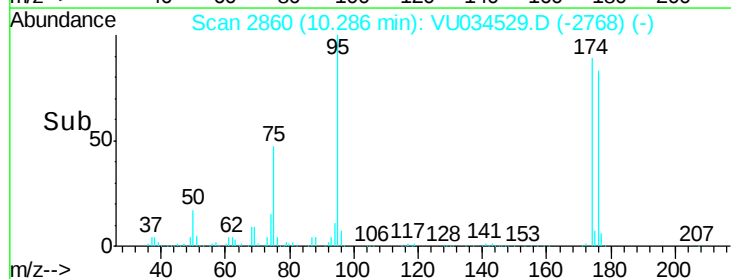
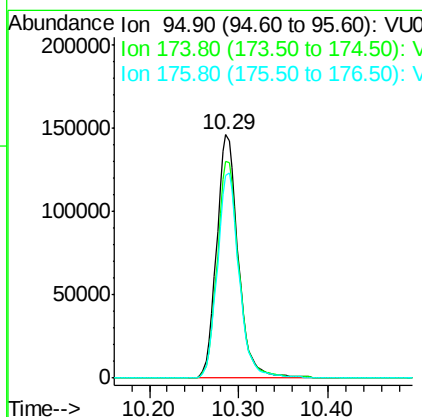
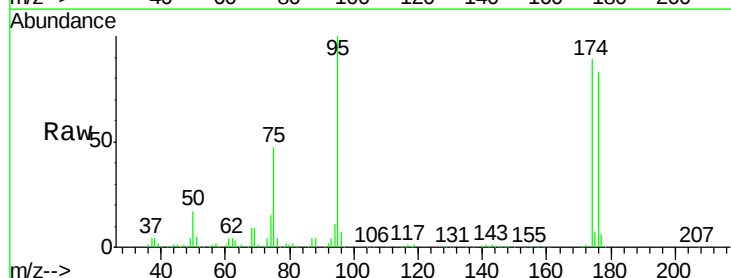
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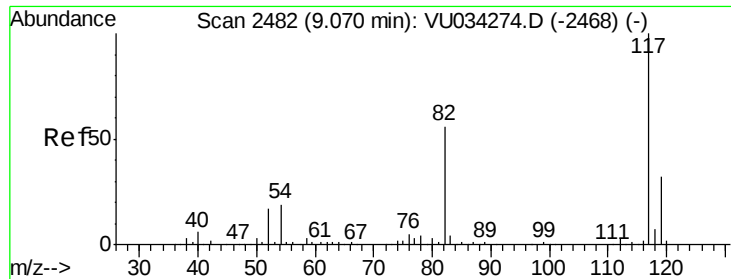
Tot Ion: 98 Resp: 723010
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.516 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034529.D
Acq: 12 Sep 2019 18:47

Tgt Ion: 95 Resp: 245851
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.2
176 84.6 0.0 168.0

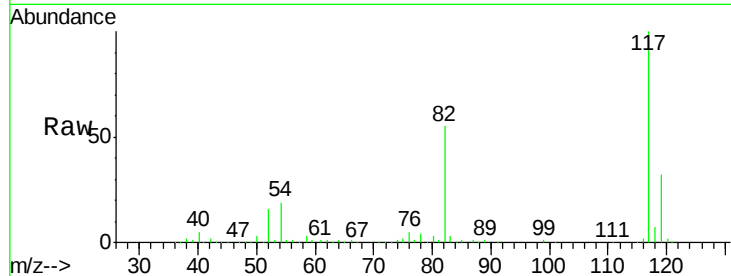




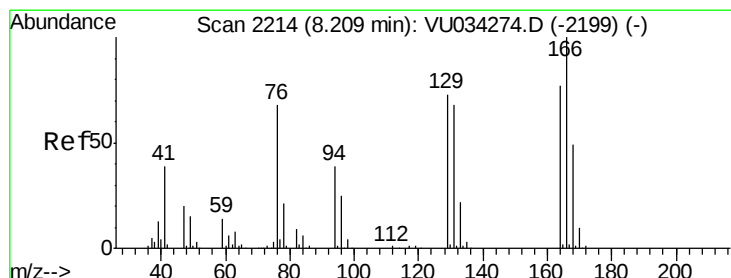
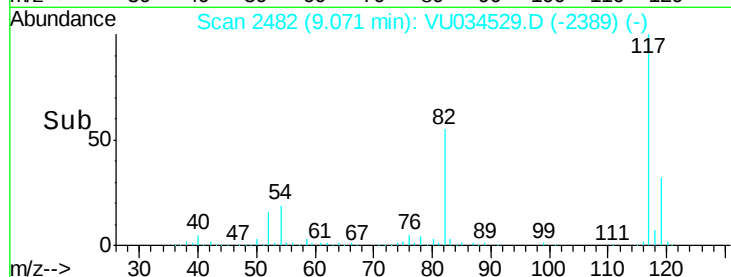
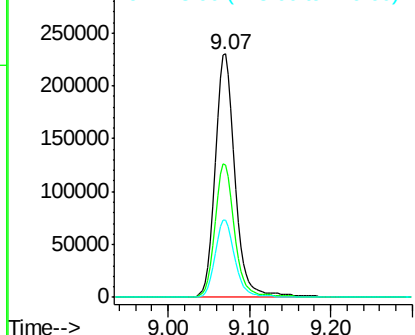
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034529.D
Acq: 12 Sep 2019 18:47

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW10S-M27W1-090319

Tot Ion:117 Resp: 398744
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 31.7 25.9 38.9

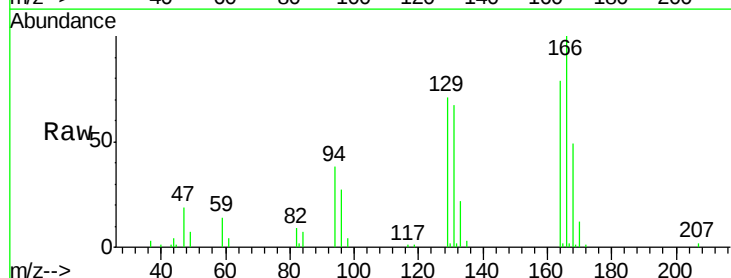


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

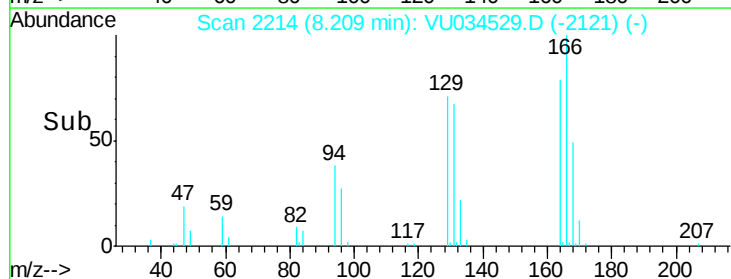
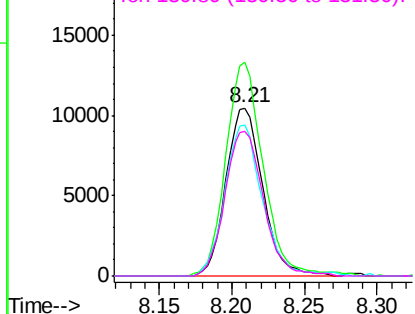


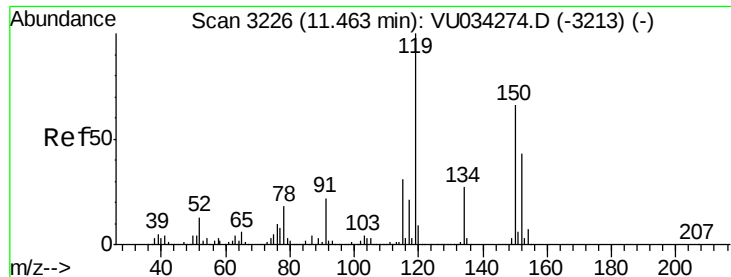
#64
Tetrachloroethene
Concen: 5.313 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034529.D
Acq: 12 Sep 2019 18:47

Tgt Ion:164 Resp: 18380
Ion Ratio Lower Upper
164 100
166 127.0 103.7 155.5
129 89.7 75.8 113.8
131 85.7 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: VU034529.D

Acq: 12 Sep 2019 18:47

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW10S-M27W1-090319

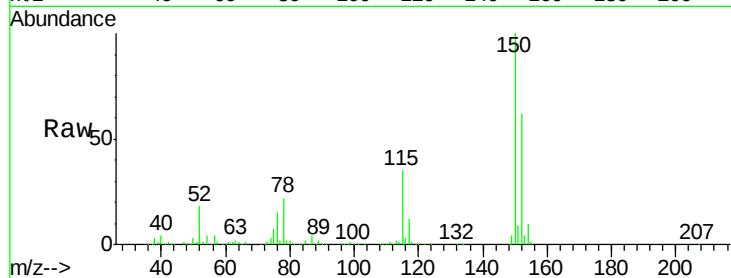
Tot Ion:152 Resp: 228792

Ion Ratio Lower Upper

152 100

115 56.6 39.1 117.3

150 159.5 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

