

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034510.D
 Acq On : 12 Sep 2019 11:10
 Operator : JC/SP
 Sample : K4756-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-18-M27W1-090619

Quant Time: Sep 13 07:31:37 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

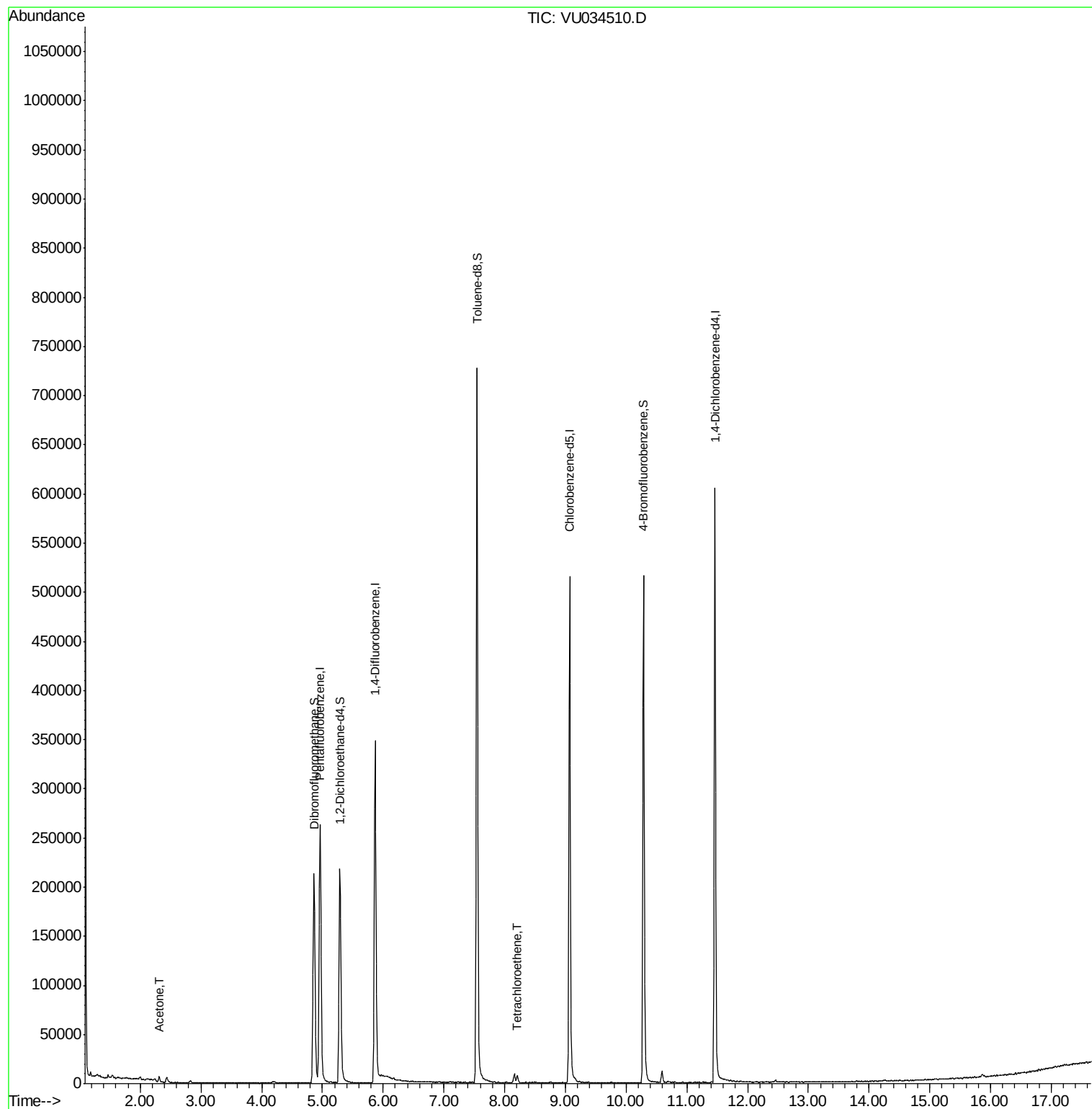
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	215433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	312545	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	316639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	178961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	176608	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
35) Dibromofluoromethane	4.86	113	156164	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
50) Toluene-d8	7.55	98	518363	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	10.29	95	176986	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
Target Compounds						
16) Acetone	2.31	43	6069	3.598	ug/l	97
64) Tetrachloroethene	8.21	164	2008	0.731	ug/l	87

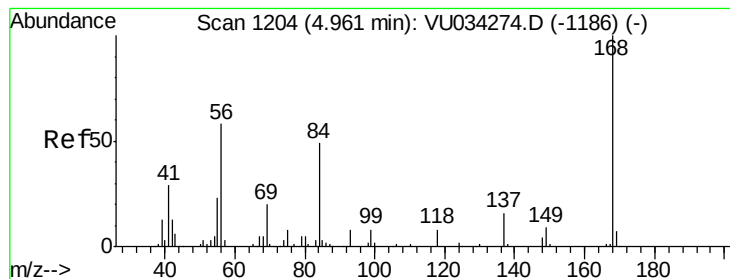
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034510.D

Acq: 12 Sep 2019 11:10

Instrument :

MSVOA_U

ClientSampleId :

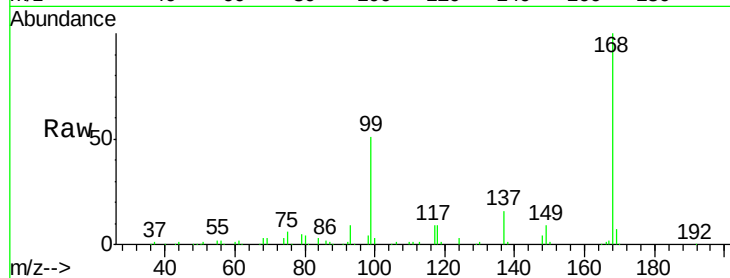
CPA-SW-18-M27W1-090619

Tot Ion:168 Resp: 215433

Ion Ratio Lower Upper

168 100

99 50.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034510.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034510.D (-1186) (-)

4.96

100000

80000

60000

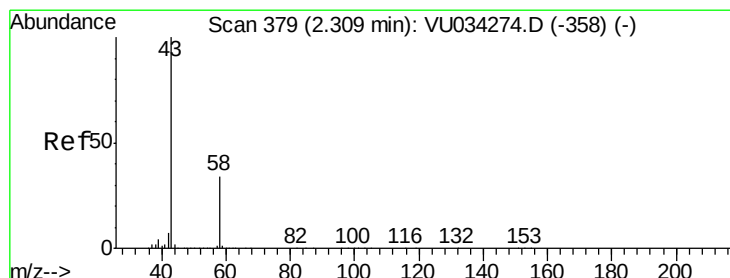
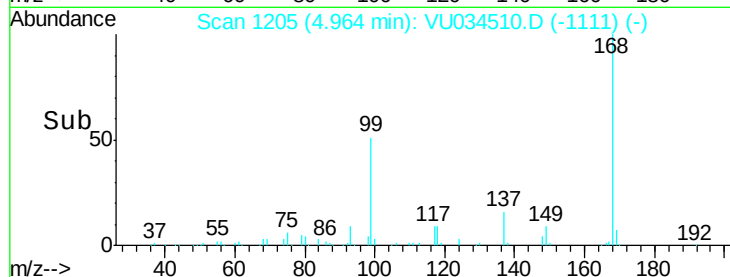
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 3.598 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034510.D

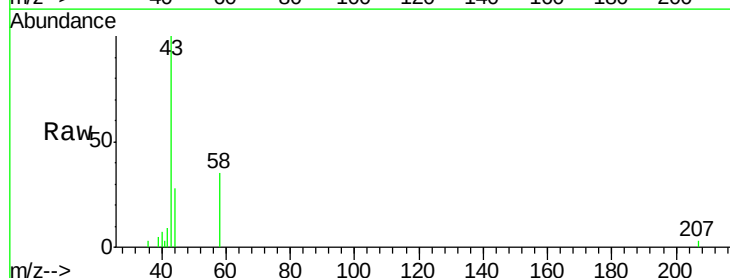
Acq: 12 Sep 2019 11:10

Tgt Ion: 43 Resp: 6069

Ion Ratio Lower Upper

43 100

58 36.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034510.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034510.D (-286) (-)

2.31

4000

3000

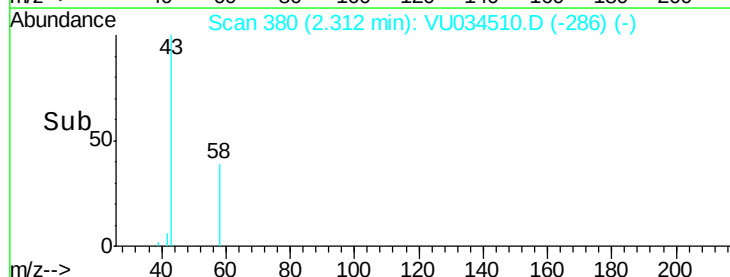
2000

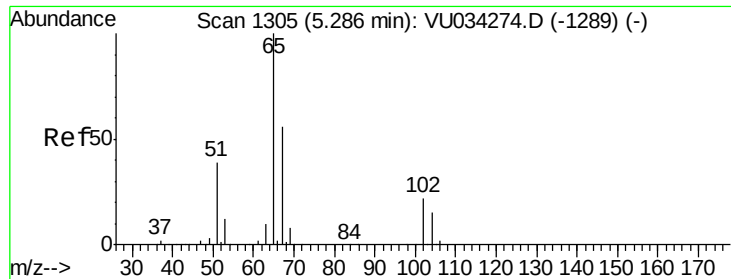
1000

0

Time-->

2.25 2.30 2.35

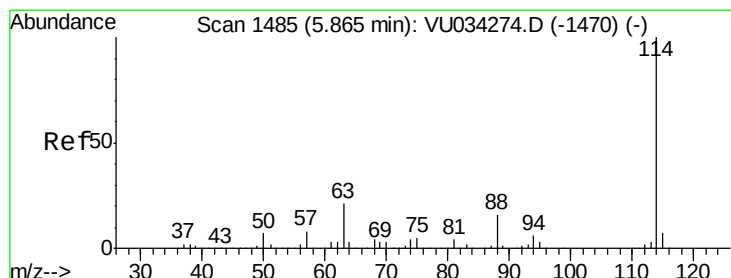
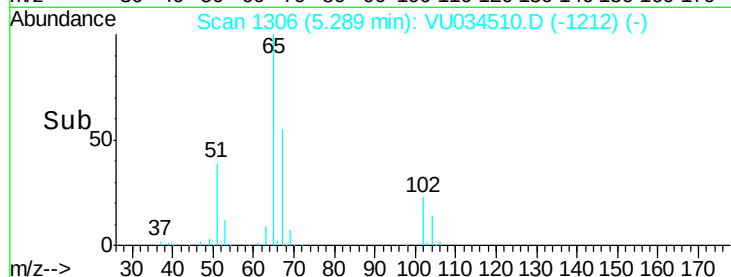
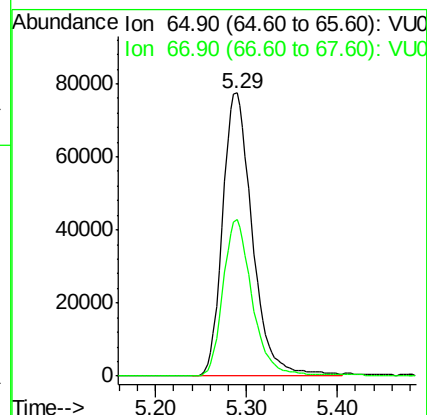
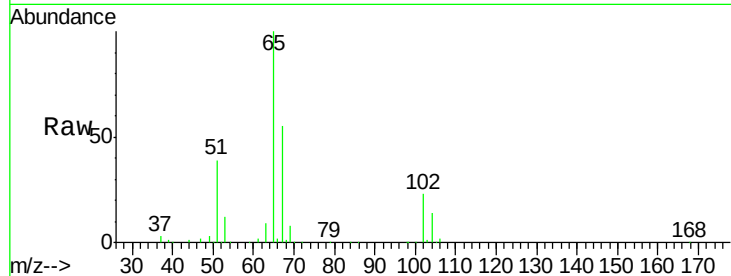




#33
 1,2-Dichloroethane-d4
 Concen: 54.181 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034510.D
 Acq: 12 Sep 2019 11:10

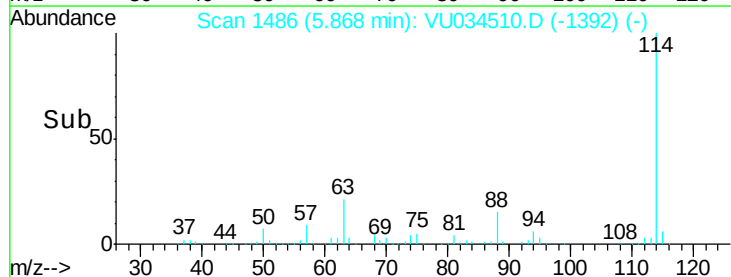
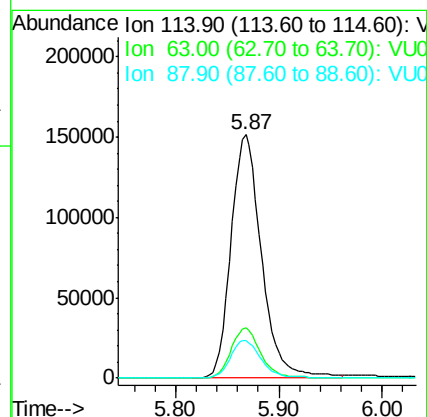
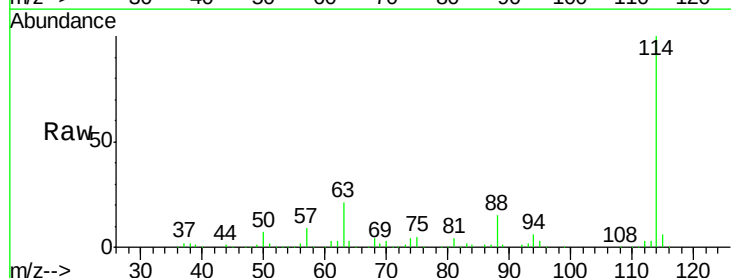
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-18-M27W1-090619

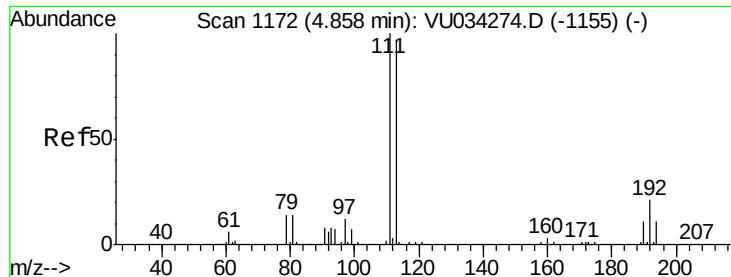
Tot Ion: 65 Resp: 176608
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034510.D
 Acq: 12 Sep 2019 11:10

Tgt Ion: 114 Resp: 312545
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.3 0.0 32.4

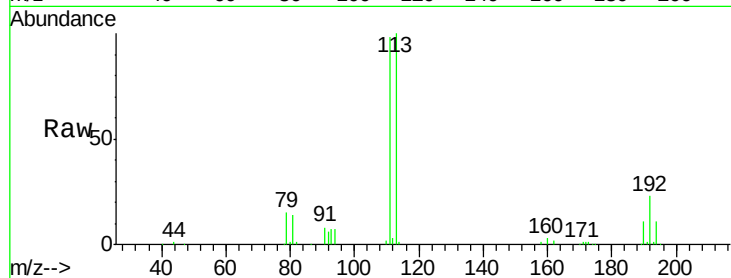




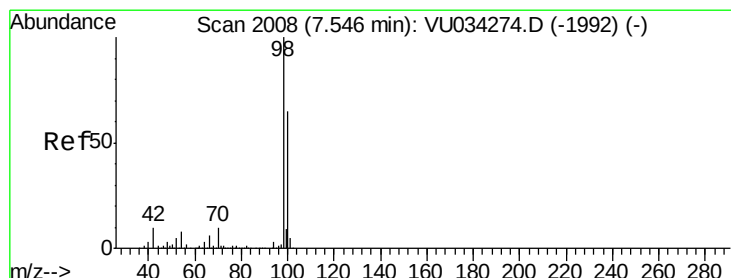
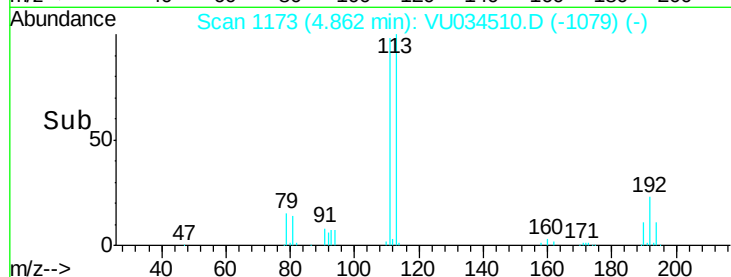
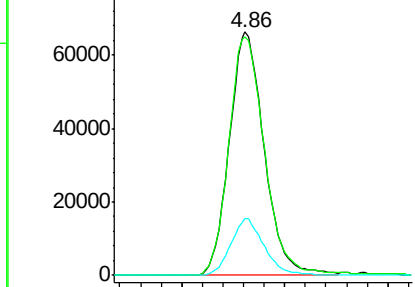
#35
 Dibromofluoromethane
 Concen: 53.697 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034510.D
 Acq: 12 Sep 2019 11:10

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-SW-18-M27W1-090619

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.5	122.3
192	22.3	17.8	26.8

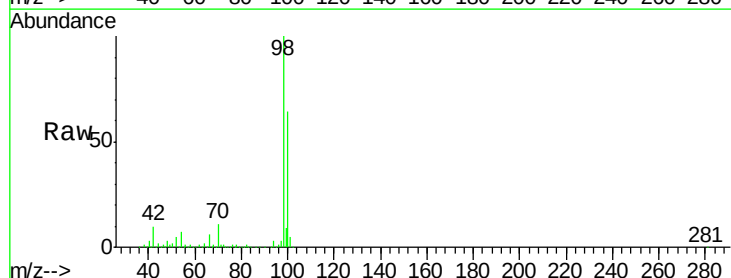


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

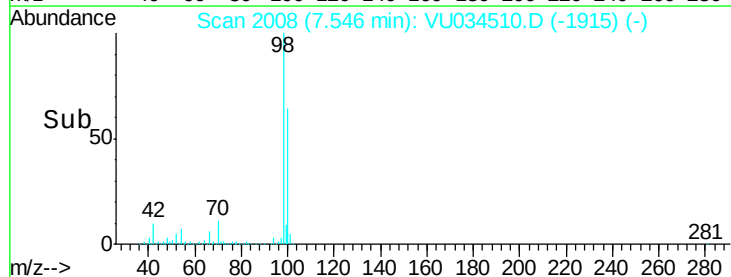
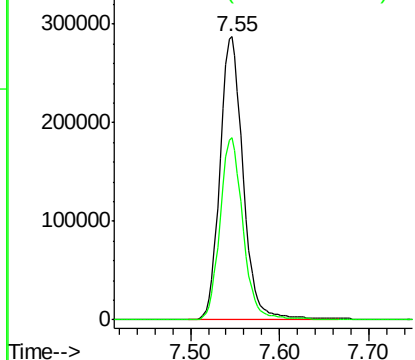


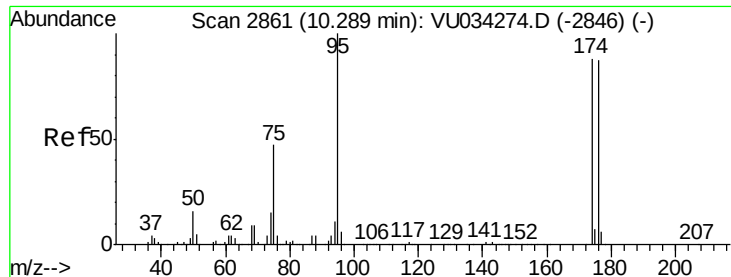
#50
 Toluene-d8
 Concen: 47.442 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034510.D
 Acq: 12 Sep 2019 11:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	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: 41.954 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034510.D

Acq: 12 Sep 2019 11:10

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-18-M27W1-090619

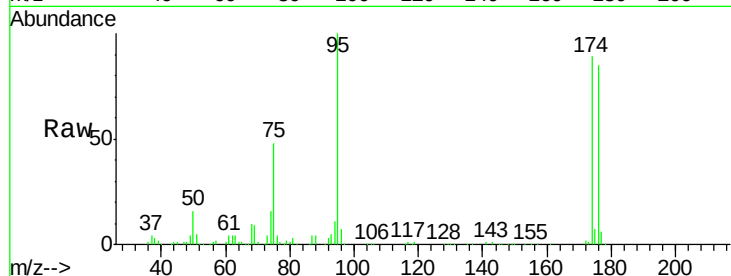
Tot Ion: 95 Resp: 176986

Ion Ratio Lower Upper

95 100

174 92.3 0.0 175.2

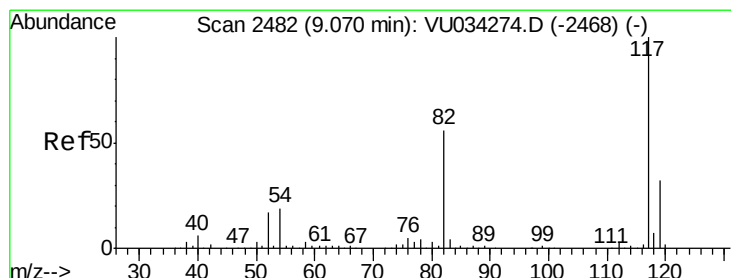
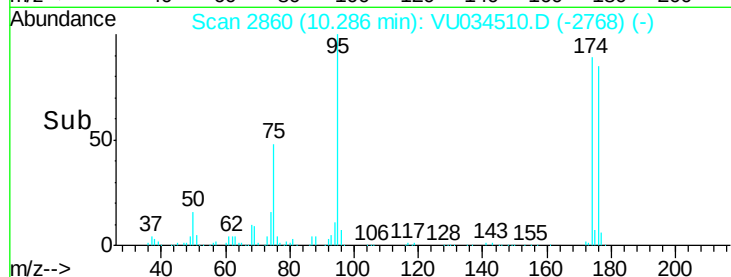
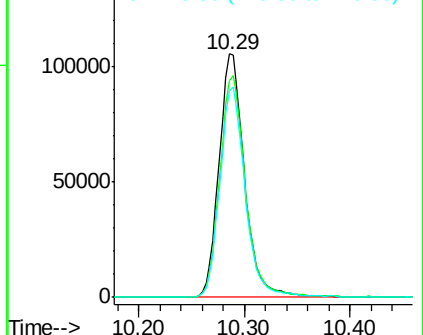
176 85.8 0.0 168.0



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: VU034510.D

Acq: 12 Sep 2019 11:10

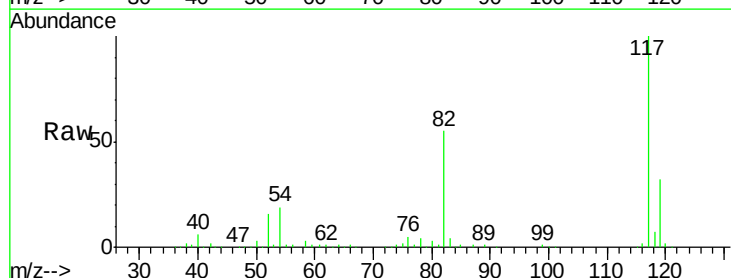
Tgt Ion: 117 Resp: 316639

Ion Ratio Lower Upper

117 100

82 54.9 44.6 67.0

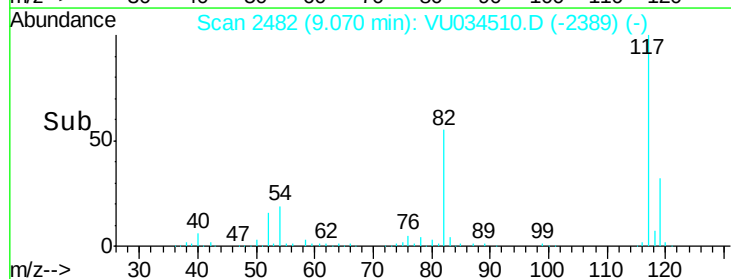
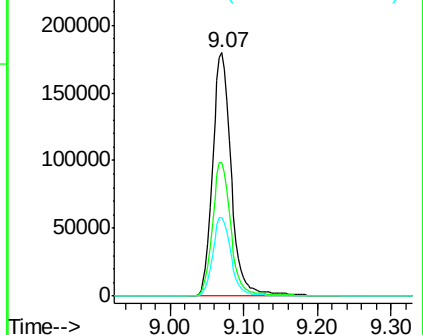
119 32.3 25.9 38.9

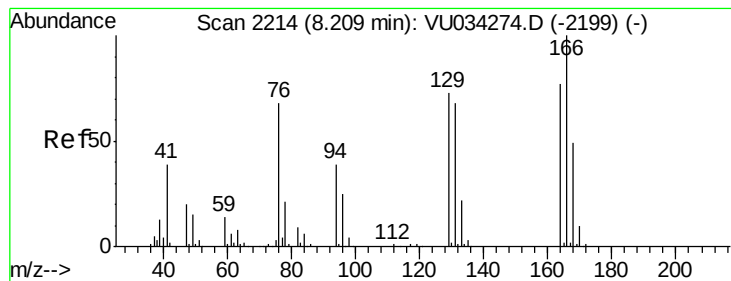


Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

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: 0.731 ug/l

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034510.D

Acq: 12 Sep 2019 11:10

Instrument :

MSVOA_U

ClientSampleId :

CPA-SW-18-M27W1-090619

Tot Ion:164 Resp: 2008

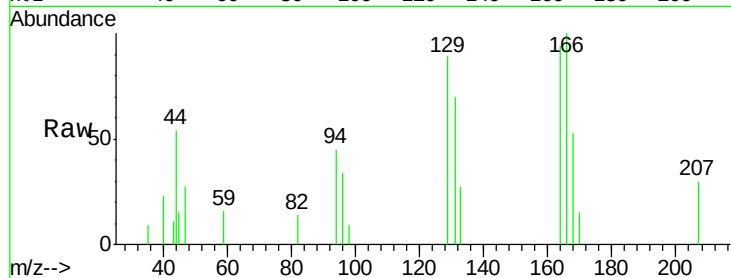
Ion Ratio Lower Upper

164 100

166 106.0 103.7 155.5

129 94.3 75.8 113.8

131 73.8 70.7 106.1

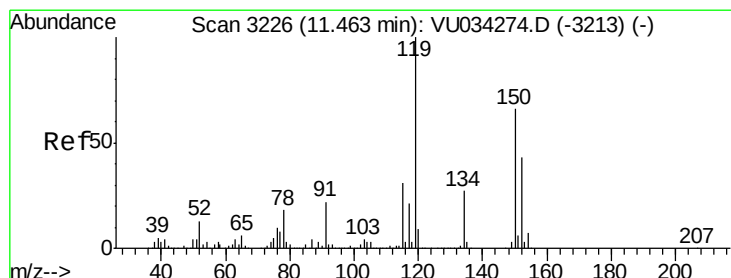
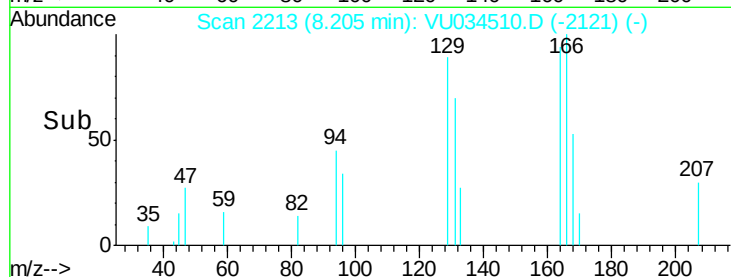
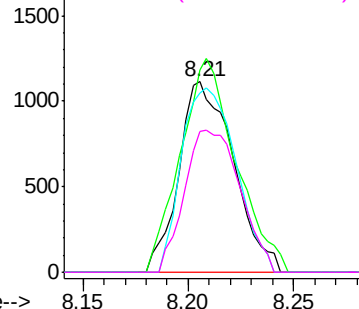


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU034510.D

Acq: 12 Sep 2019 11:10

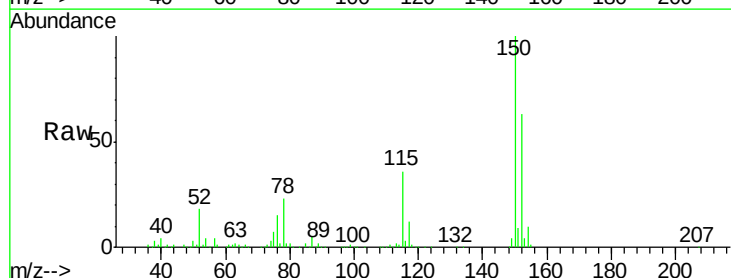
Tgt Ion:152 Resp: 178961

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

150 157.0 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

