

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034530.D
 Acq On : 12 Sep 2019 19:10
 Operator : JC/SP
 Sample : K4756-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW10D-M27W1-090319

Quant Time: Sep 13 08:05:52 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

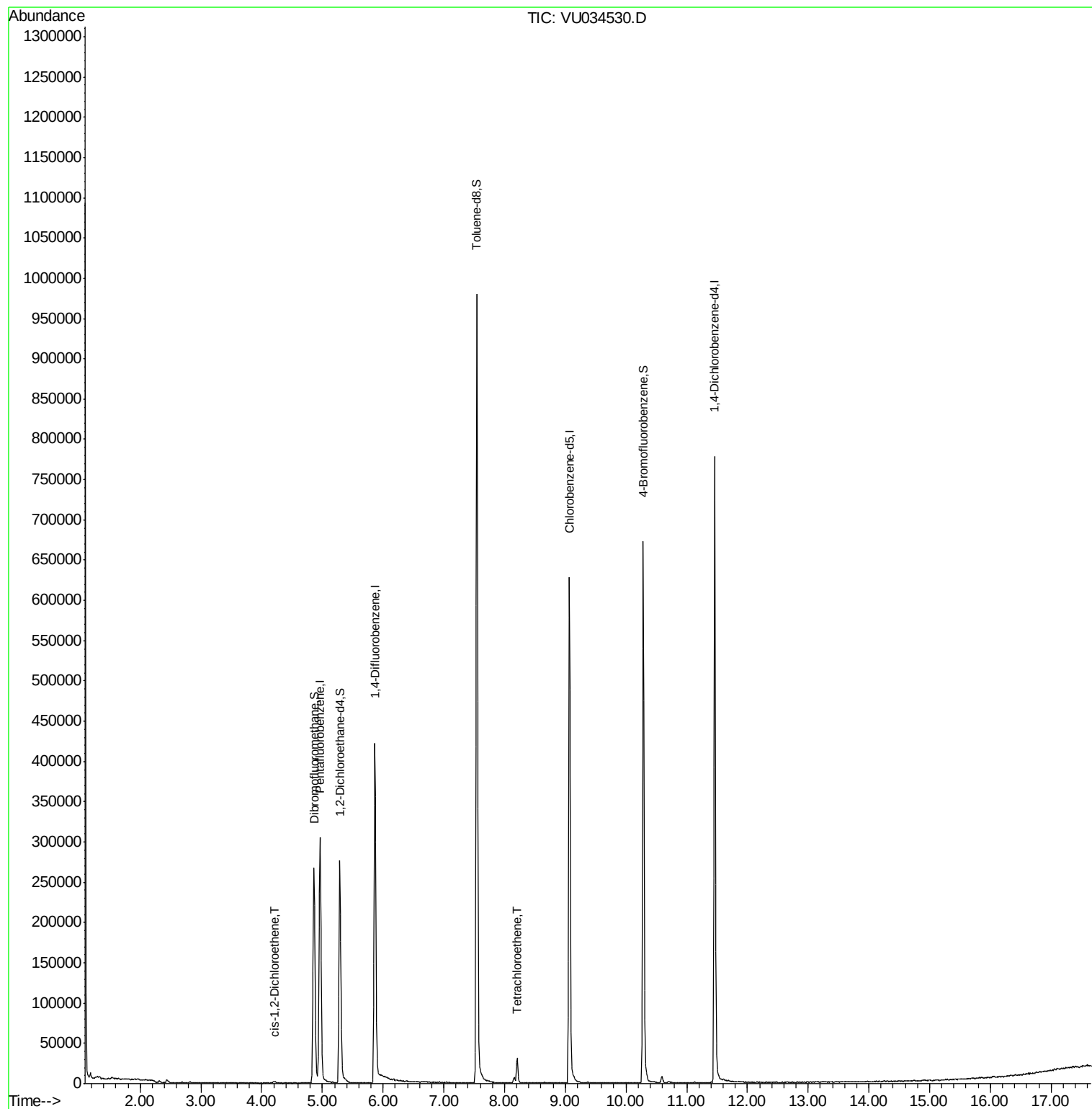
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	256189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	380106	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	388978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	222951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	222630	57.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.86%	
35) Dibromofluoromethane	4.86	113	192855	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
50) Toluene-d8	7.54	98	703165	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	10.29	95	233333	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.22	96	1393	0.390	ug/l	66
64) Tetrachloroethene	8.21	164	7705	2.283	ug/l	92

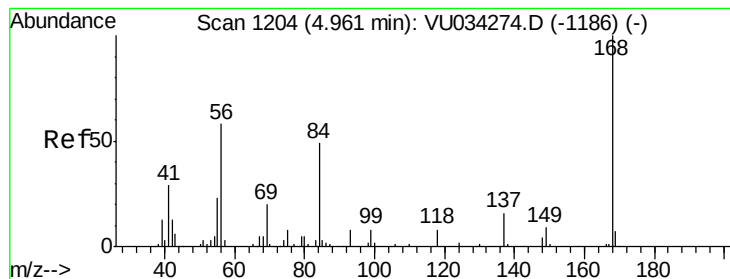
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034530.D

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ClientSampleId :

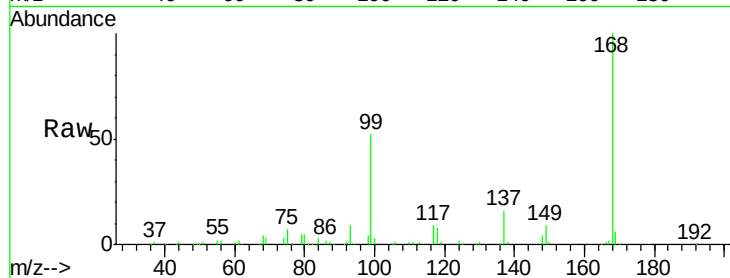
CPA-CPMW10D-M27W1-090319

Tot Ion:168 Resp: 256189

Ion Ratio Lower Upper

168 100

99 51.7 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

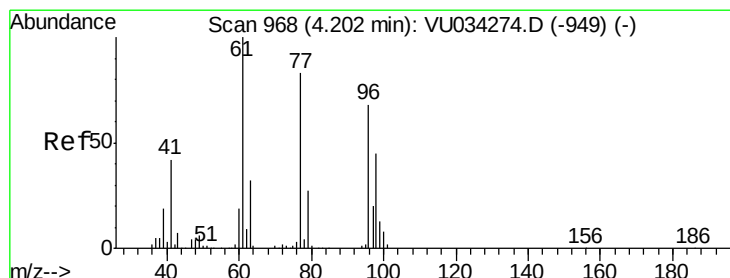
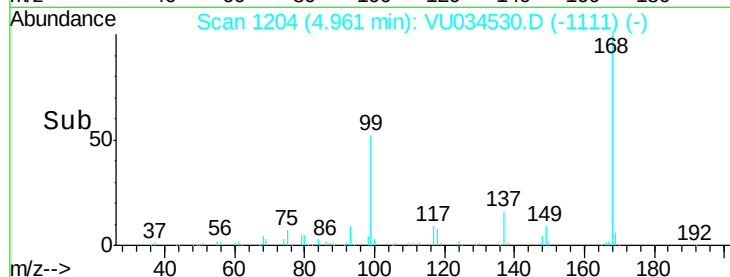
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.390 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.02 min

Lab File: VU034530.D

Acq: 12 Sep 2019 19:10

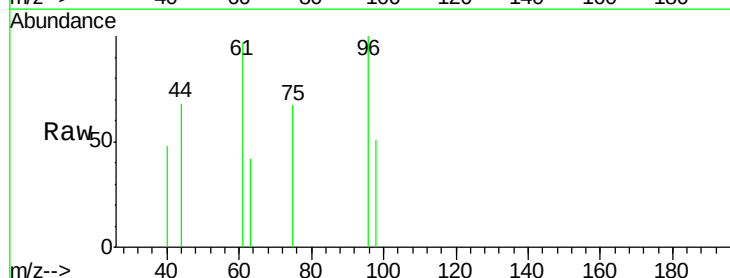
Tgt Ion: 96 Resp: 1393

Ion Ratio Lower Upper

96 100

61 112.6 0.0 297.4

98 27.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VU034274.D (-949) (-)

Ion 60.90 (60.60 to 61.60): VU034274.D (-949) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-949) (-)

4.22

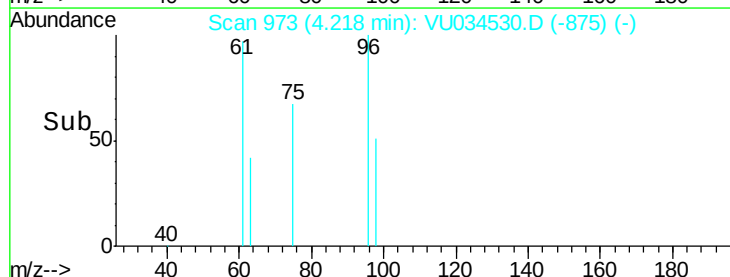
600

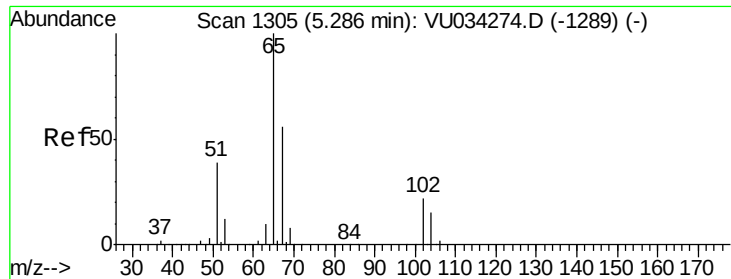
400

200

0

Time-->

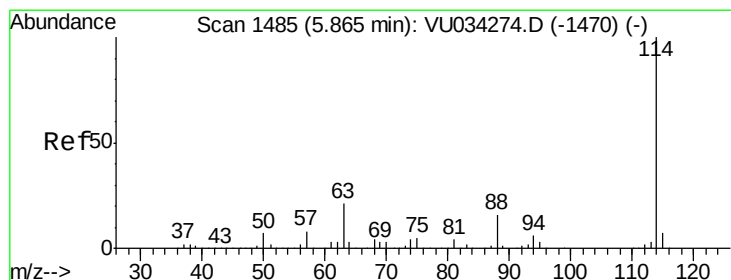
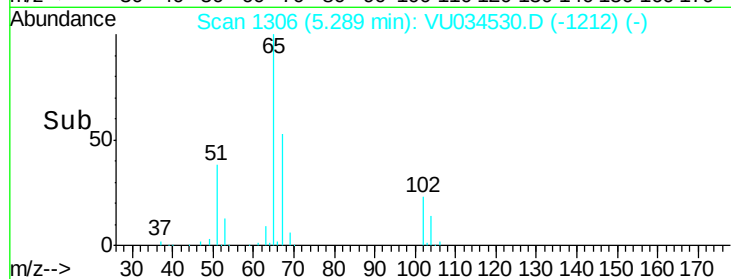
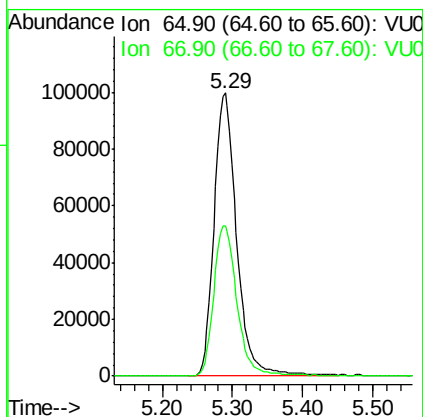
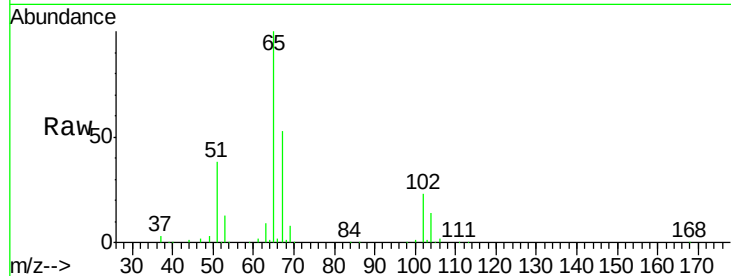




#33
 1,2-Dichloroethane-d4
 Concen: 57.435 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034530.D
 Acq: 12 Sep 2019 19:10

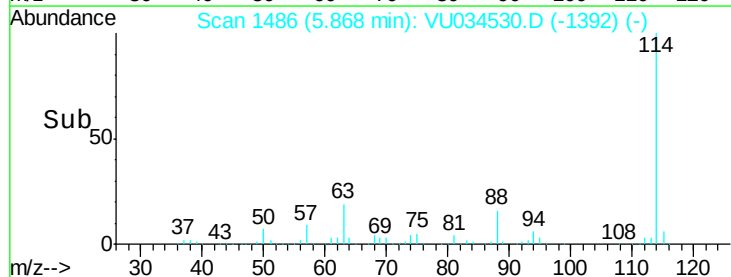
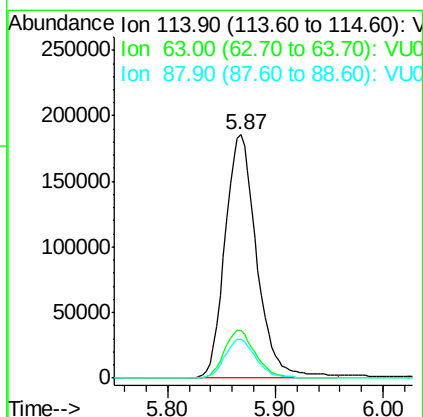
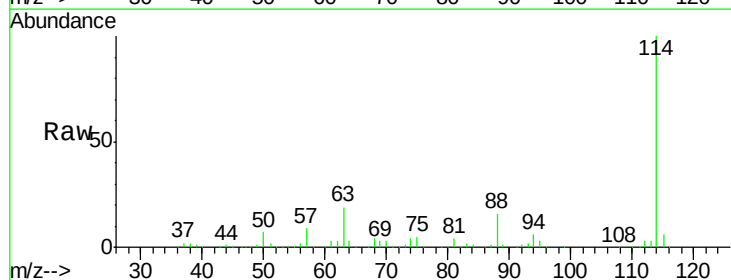
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW10D-M27W1-090319

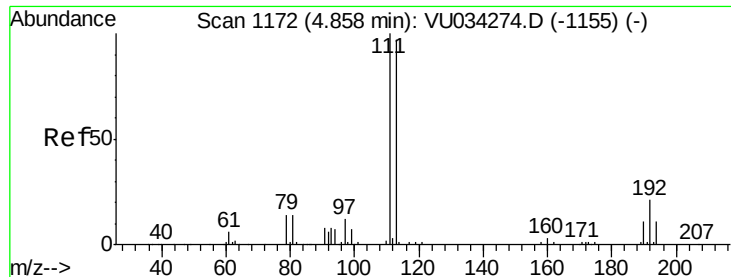
Tot Ion: 65 Resp: 222630
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034530.D
 Acq: 12 Sep 2019 19:10

Tgt Ion: 114 Resp: 380106
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.8 0.0 32.4

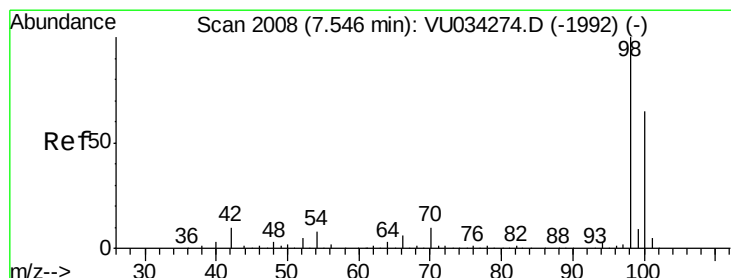
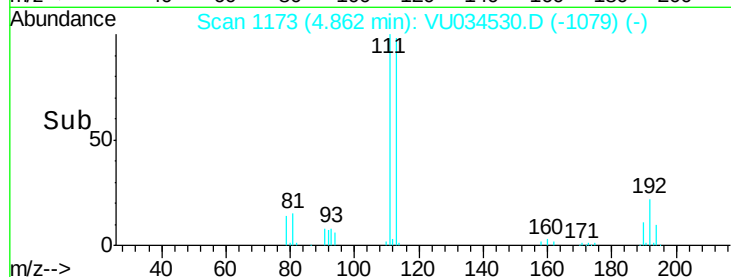
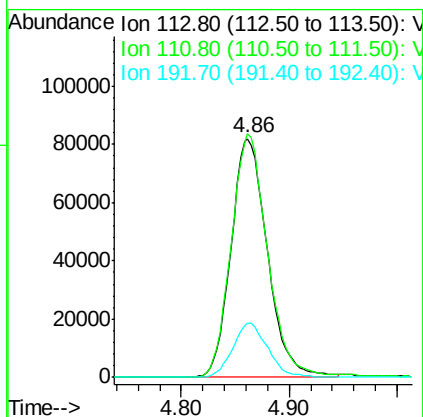
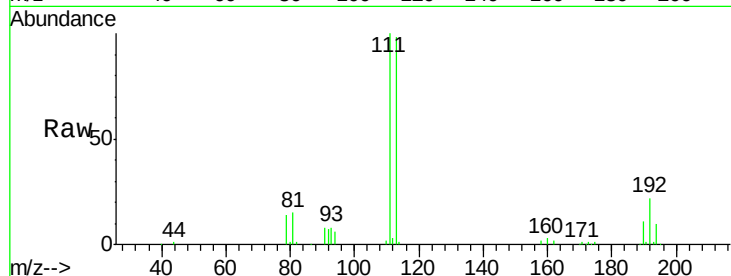




#35
Dibromofluoromethane
Concen: 54.527 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034530.D
Acq: 12 Sep 2019 19:10

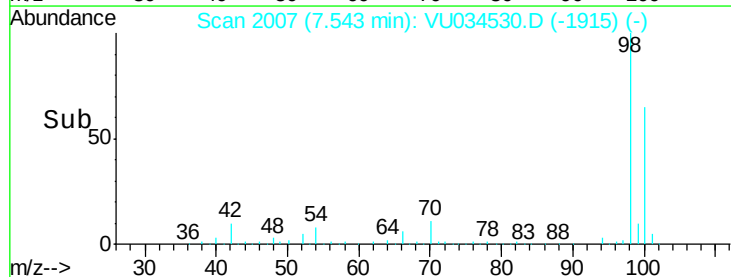
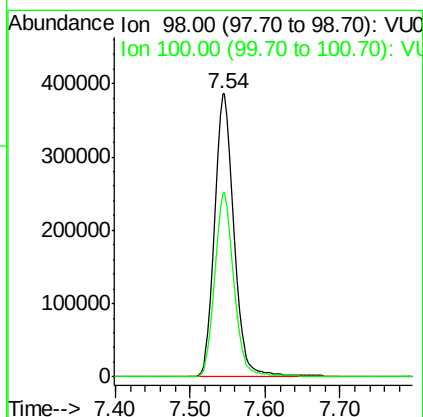
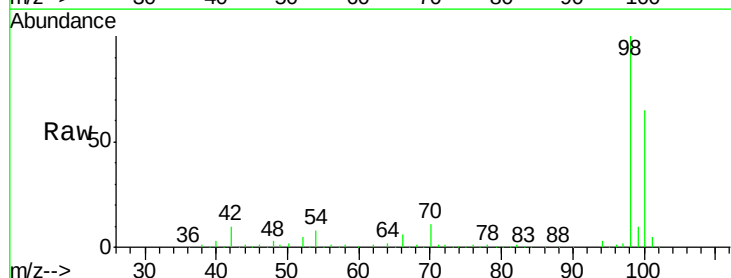
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW10D-M27W1-090319

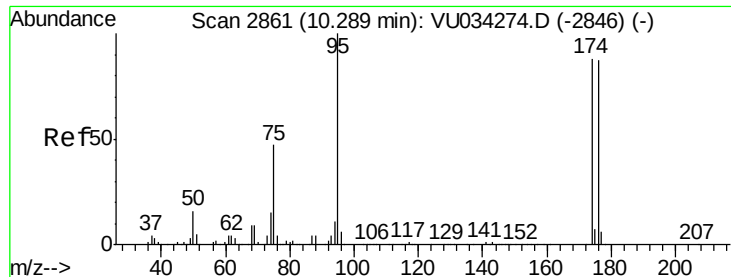
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	21.7	17.8	26.8



#50
Toluene-d8
Concen: 52.916 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034530.D
Acq: 12 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5

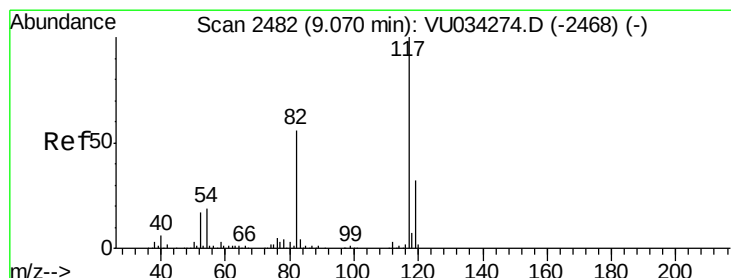
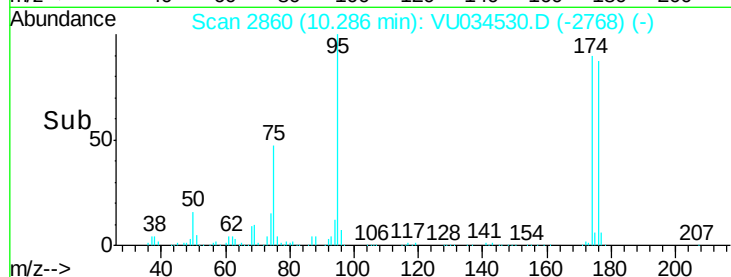
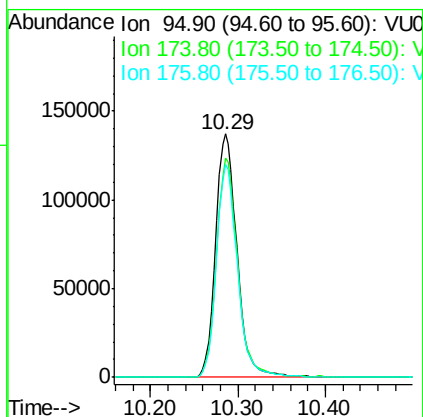
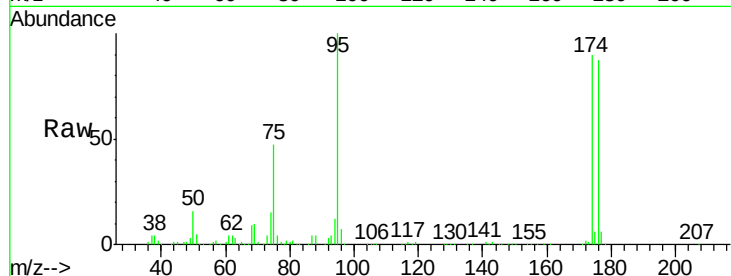




#62
4-Bromofluorobenzene
Concen: 45.480 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034530.D
Acq: 12 Sep 2019 19:10

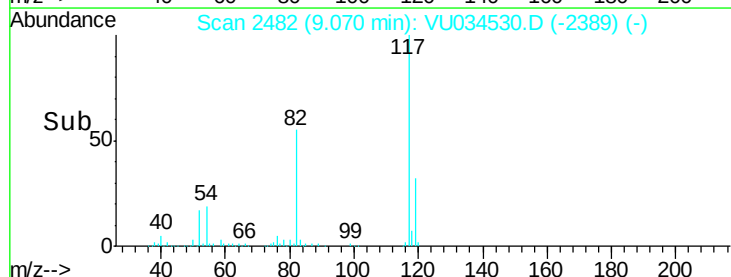
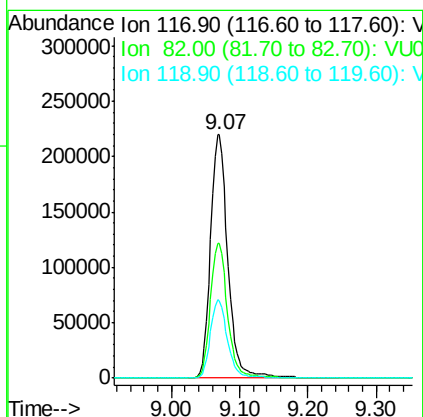
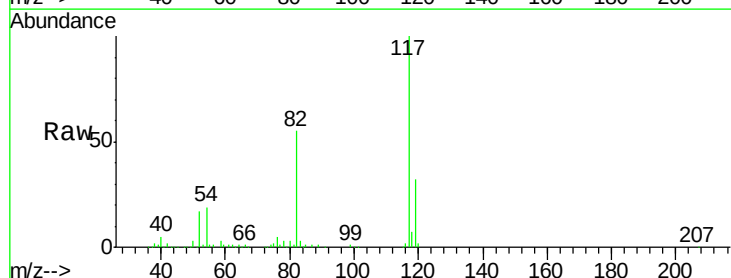
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW10D-M27W1-090319

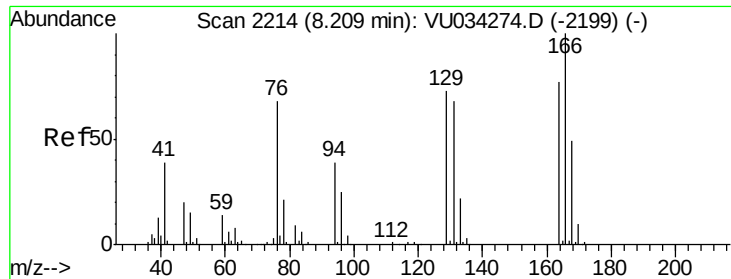
Tot Ion: 95 Resp: 233333
Ion Ratio Lower Upper
95 100
174 89.4 0.0 175.2
176 86.0 0.0 168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034530.D
Acq: 12 Sep 2019 19:10

Tgt Ion: 117 Resp: 388978
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 31.9 25.9 38.9





#64

Tetrachloroethene

Concen: 2.283 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU034530.D

Acq: 12 Sep 2019 19:10

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW10D-M27W1-090319

Tot Ion:164 Resp: 7705

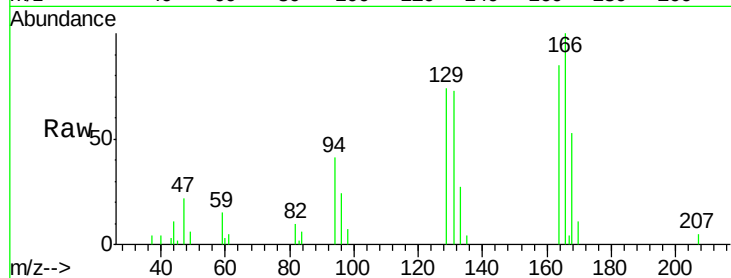
Ion Ratio Lower Upper

164 100

166 117.1 103.7 155.5

129 86.5 75.8 113.8

131 85.4 70.7 106.1



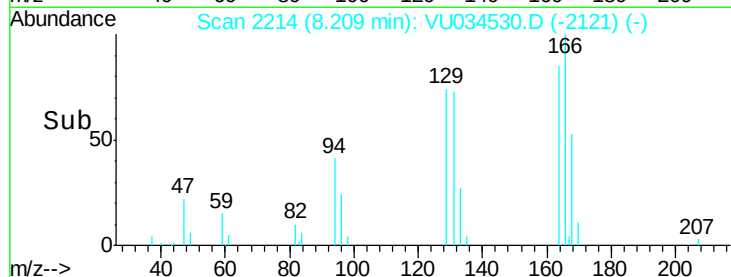
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

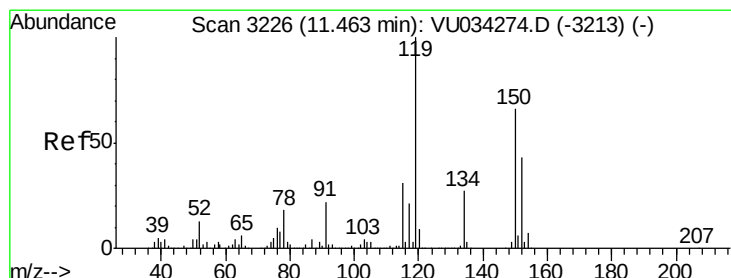
Ion 130.80 (130.50 to 131.50): V

Time-->



Abundance

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034530.D

Acq: 12 Sep 2019 19:10

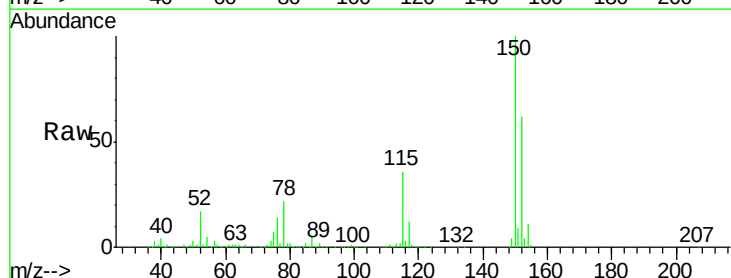
Tgt Ion:152 Resp: 222951

Ion Ratio Lower Upper

152 100

115 56.9 39.1 117.3

150 159.4 0.0 345.4

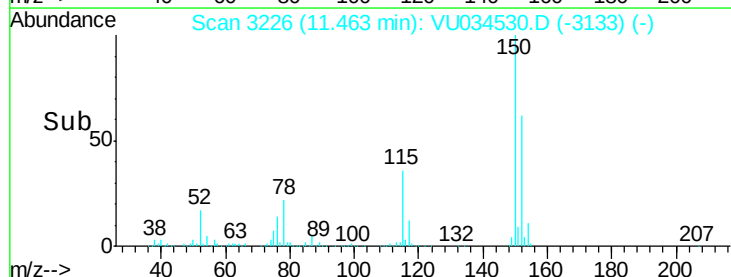


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Abundance

Time-->