

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034540.D
 Acq On : 12 Sep 2019 23:02
 Operator : JC/SP
 Sample : K4756-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-GMW-5D-R-M27W1-090519

Quant Time: Sep 13 08:21:30 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

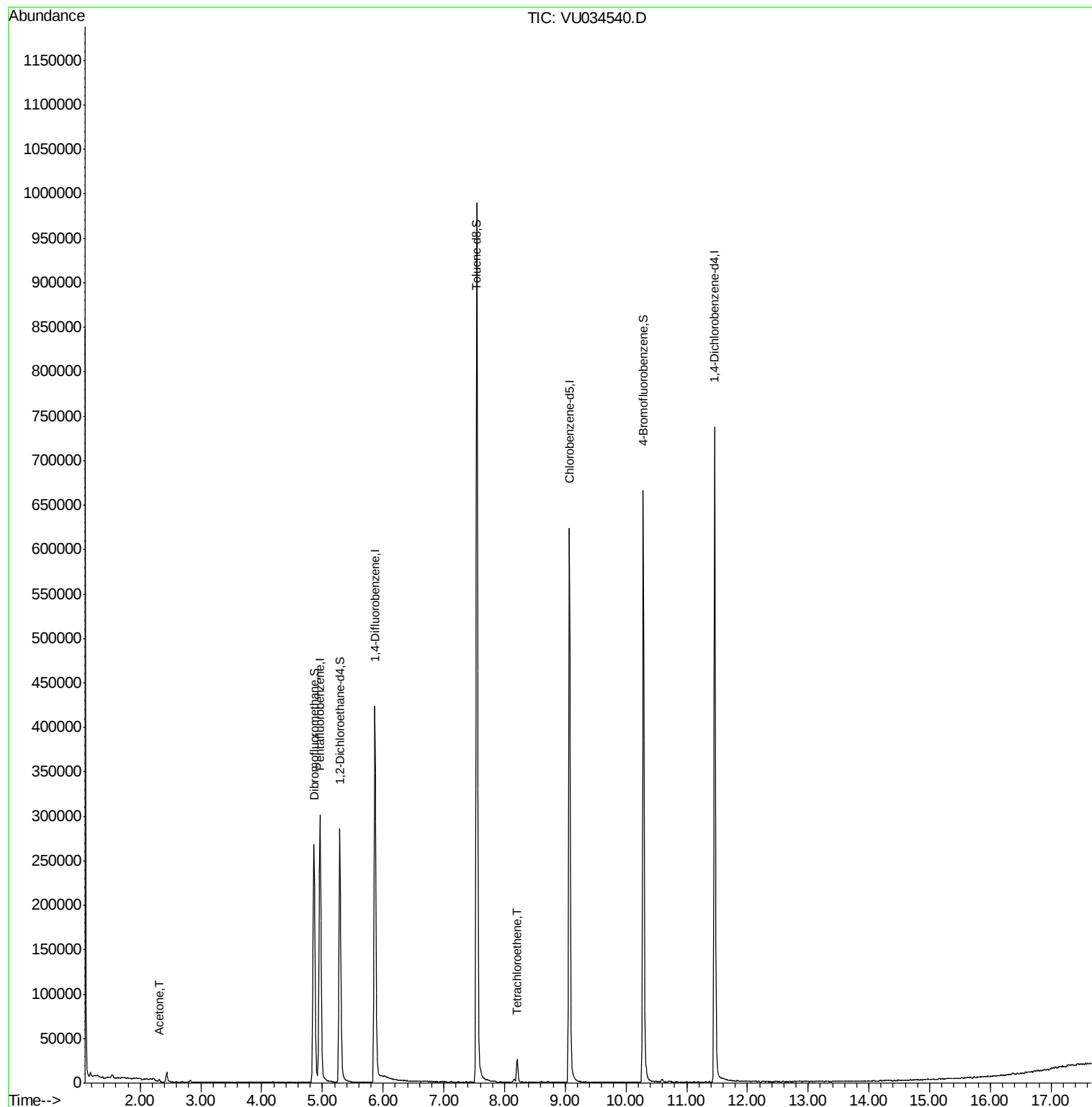
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	251746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	377909	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	383516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	220882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	225353	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
35) Dibromofluoromethane	4.86	113	191787	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	7.54	98	693838	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	10.29	95	232623	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
Target Compounds						
16) Acetone	2.31	43	3019	1.532	ug/l	Qvalue 100
64) Tetrachloroethene	8.21	164	6652	1.999	ug/l	97

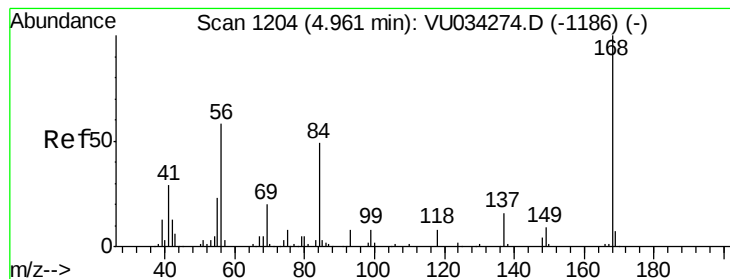
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034540.D

Acq: 12 Sep 2019 23:02

Instrument :

MSVOA_U

ClientSampleId :

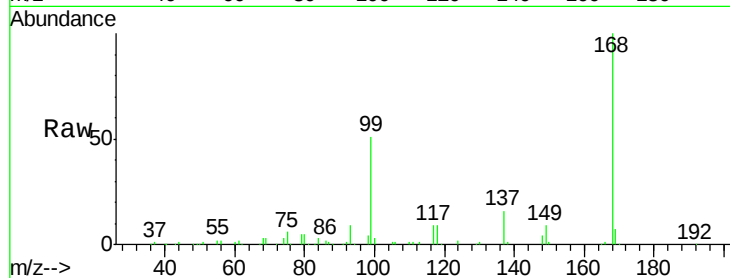
CPA-GMW-5D-R-M27W1-090519

Tot Ion:168 Resp: 251746

Ion Ratio Lower Upper

168 100

99 51.0 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

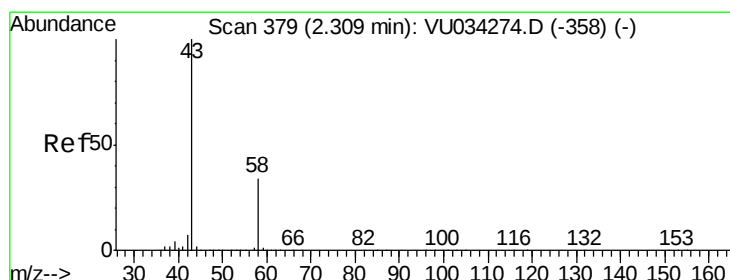
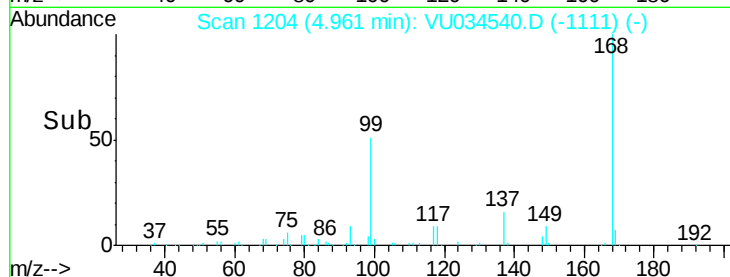
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.532 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034540.D

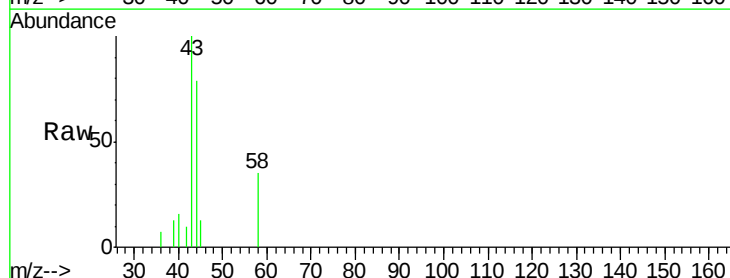
Acq: 12 Sep 2019 23:02

Tgt Ion: 43 Resp: 3019

Ion Ratio Lower Upper

43 100

58 34.7 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

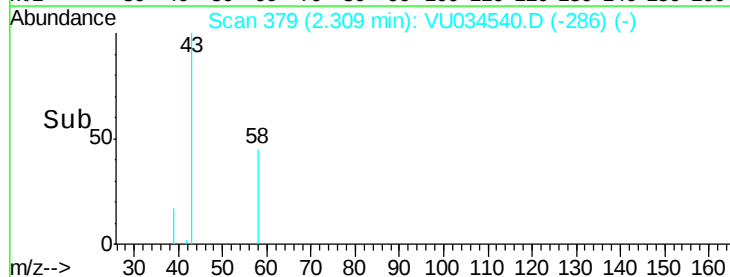
1500

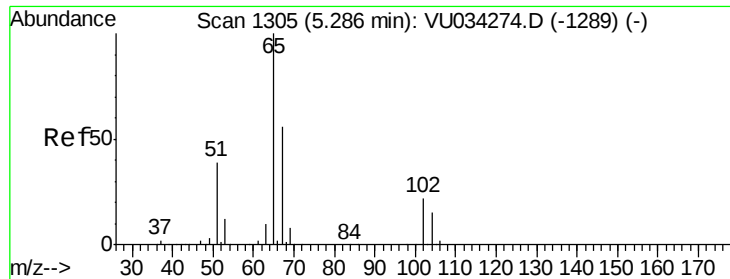
1000

500

0

Time-->

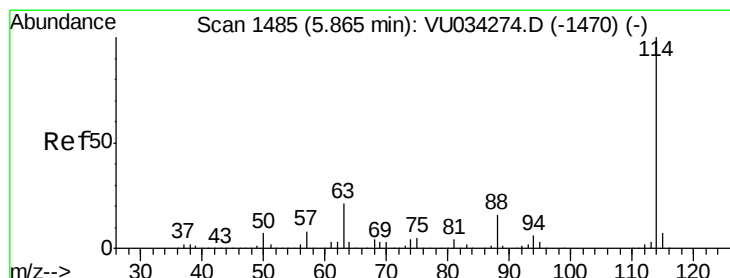
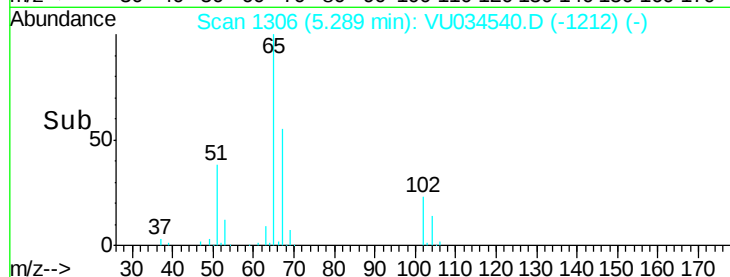
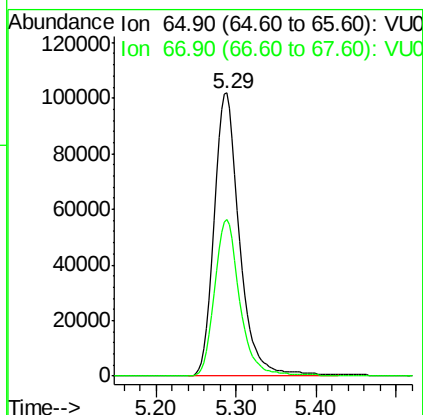
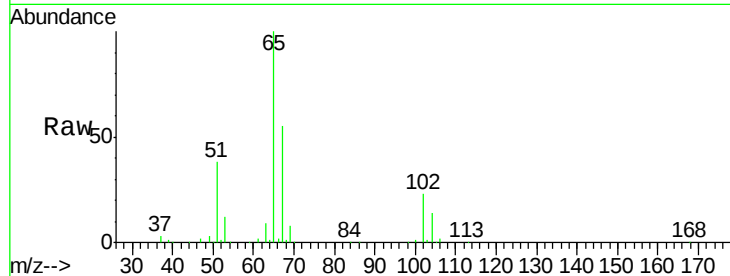




#33
 1,2-Dichloroethane-d4
 Concen: 59.163 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034540.D
 Acq: 12 Sep 2019 23:02

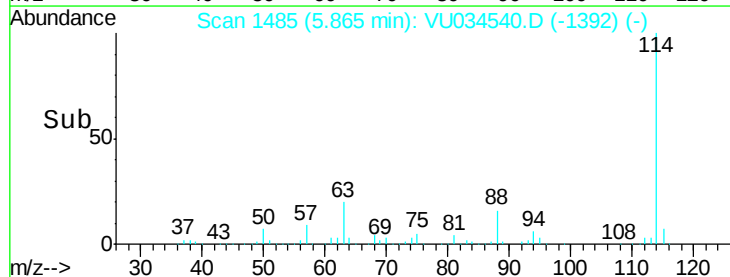
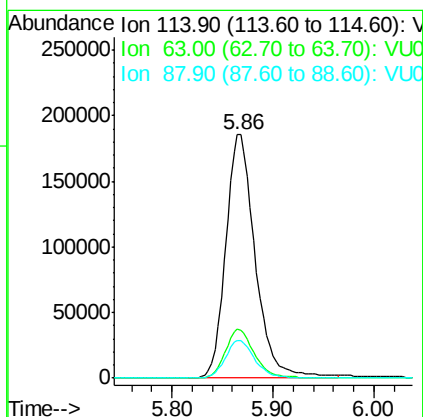
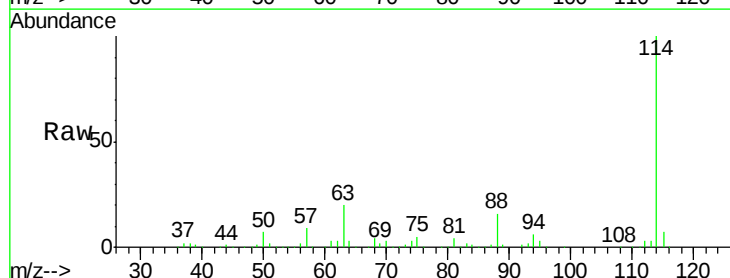
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-GMW-5D-R-M27W1-090519

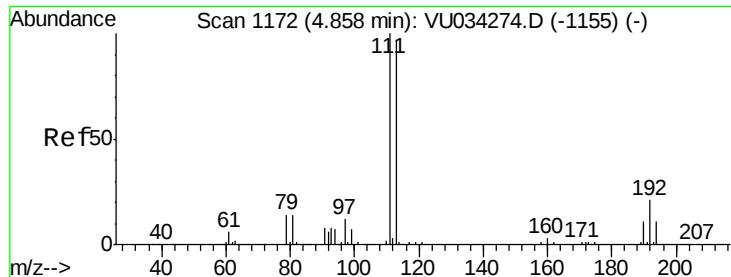
Tot Ion: 65 Resp: 225353
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034540.D
 Acq: 12 Sep 2019 23:02

Tgt Ion: 114 Resp: 377909
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.6 0.0 32.4

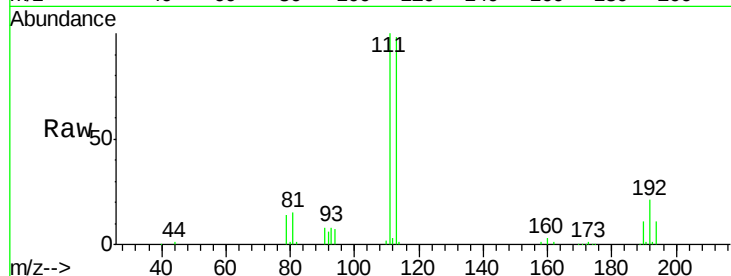




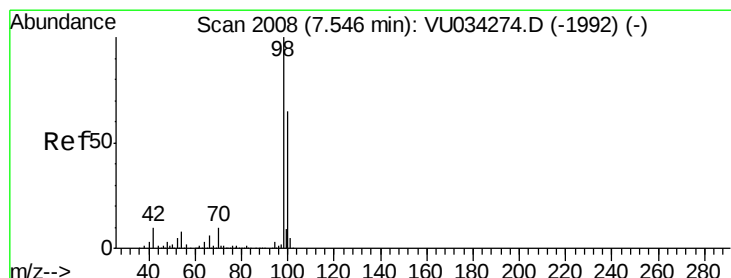
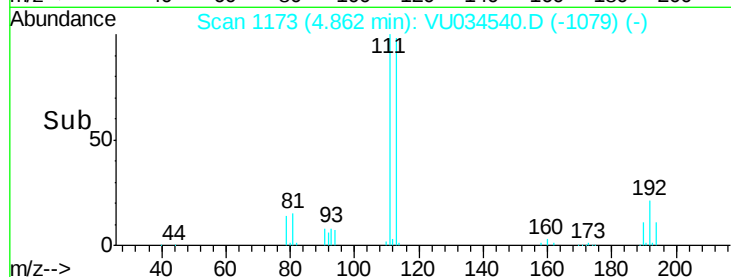
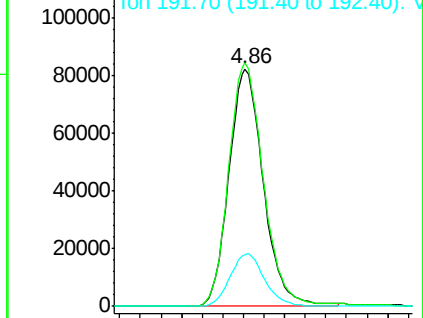
#35
 Dibromofluoromethane
 Concen: 54.540 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034540.D
 Acq: 12 Sep 2019 23:02

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-GMW-5D-R-M27W1-090519

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	22.1	17.8	26.8

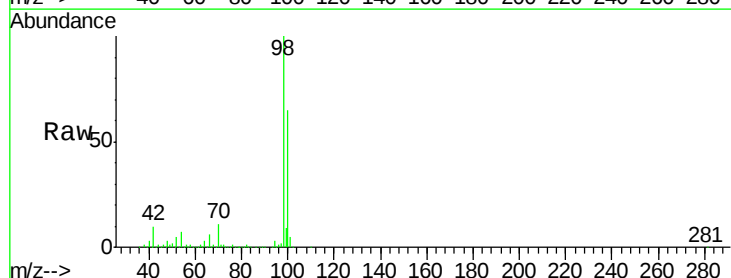


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

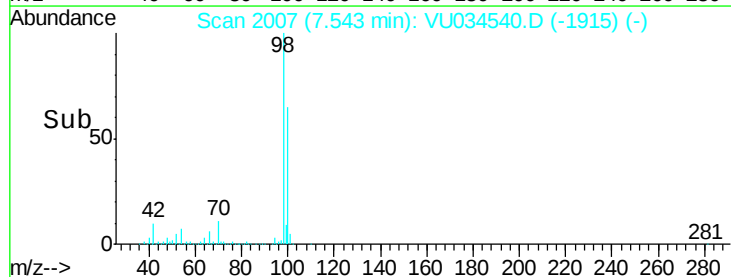
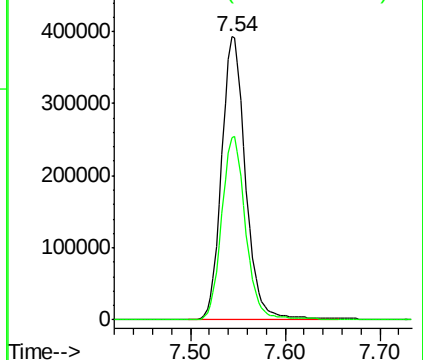


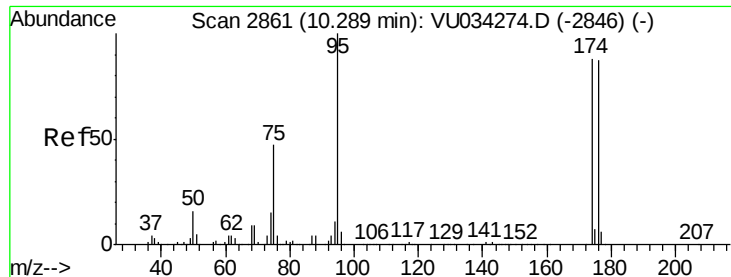
#50
 Toluene-d8
 Concen: 52.518 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VU034540.D
 Acq: 12 Sep 2019 23:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	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: 45.605 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034540.D

Acq: 12 Sep 2019 23:02

Instrument :

MSVOA_U

ClientSampleId :

CPA-GMW-5D-R-M27W1-090519

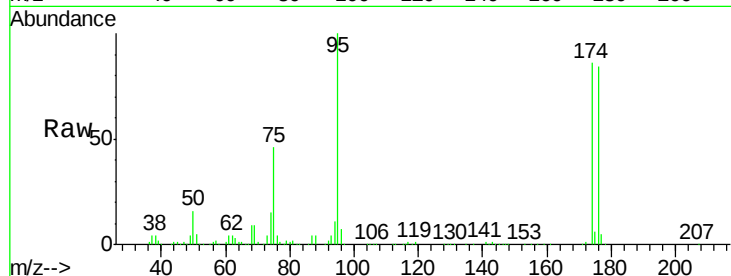
Tot Ion: 95 Resp: 232623

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.2

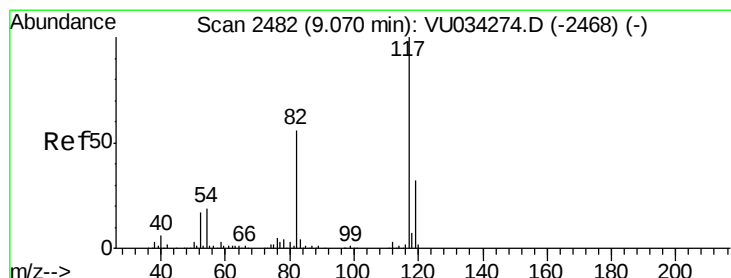
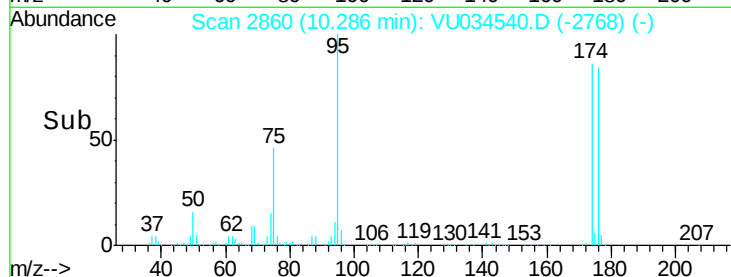
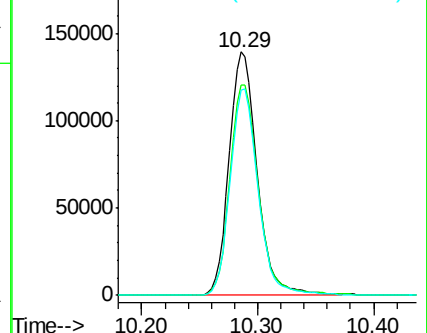
176 84.4 0.0 168.0



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# 2481

Delta R.T. -0.00 min

Lab File: VU034540.D

Acq: 12 Sep 2019 23:02

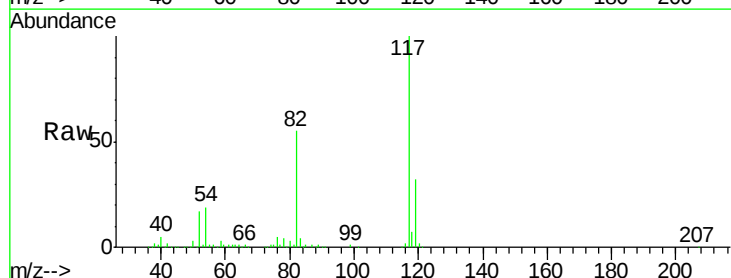
Tgt Ion: 117 Resp: 383516

Ion Ratio Lower Upper

117 100

82 54.8 44.6 67.0

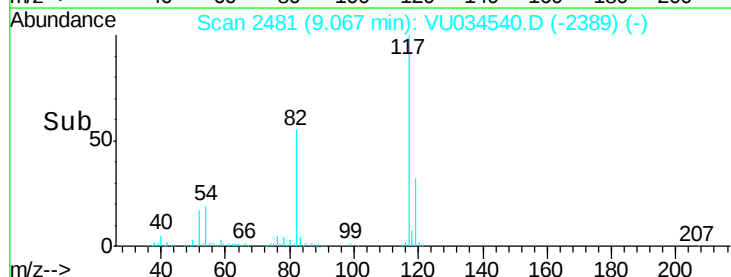
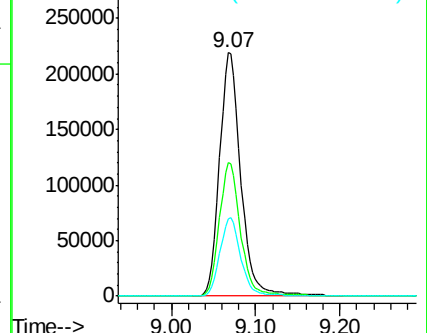
119 31.6 25.9 38.9

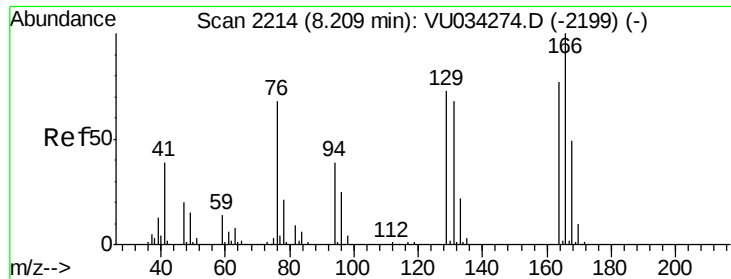


Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

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: 1.999 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034540.D

Acq: 12 Sep 2019 23:02

Instrument :

MSVOA_U

ClientSampleId :

CPA-GMW-5D-R-M27W1-090519

Tot Ion:164 Resp: 6652

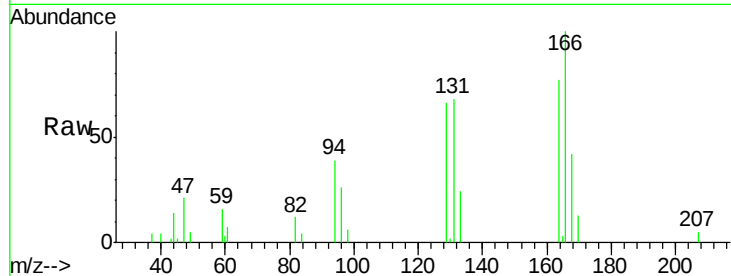
Ion Ratio Lower Upper

164 100

166 130.2 103.7 155.5

129 86.3 75.8 113.8

131 88.4 70.7 106.1

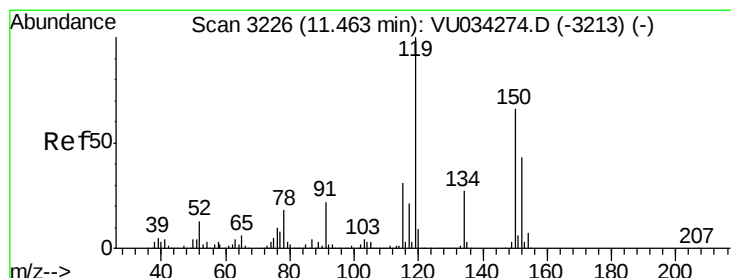
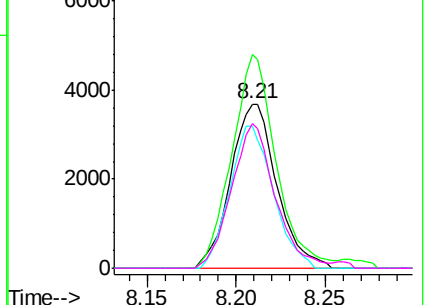
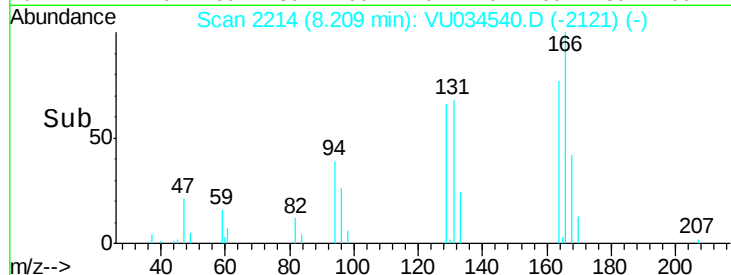


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034540.D

Acq: 12 Sep 2019 23:02

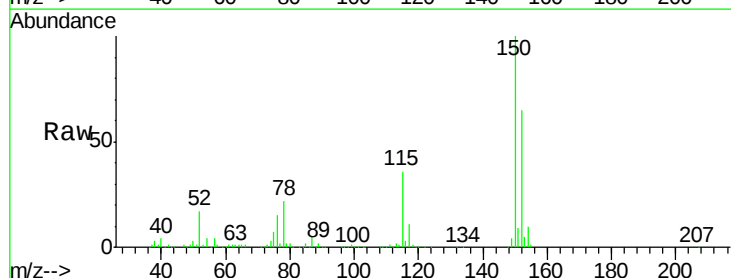
Tgt Ion:152 Resp: 220882

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.3

150 155.4 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

