

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027264.D
 Acq On : 28 Sep 2018 12:22
 Operator : MD/SY
 Sample : J5038-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPMW07S-Y4S3

Quant Time: Oct 02 06:46:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

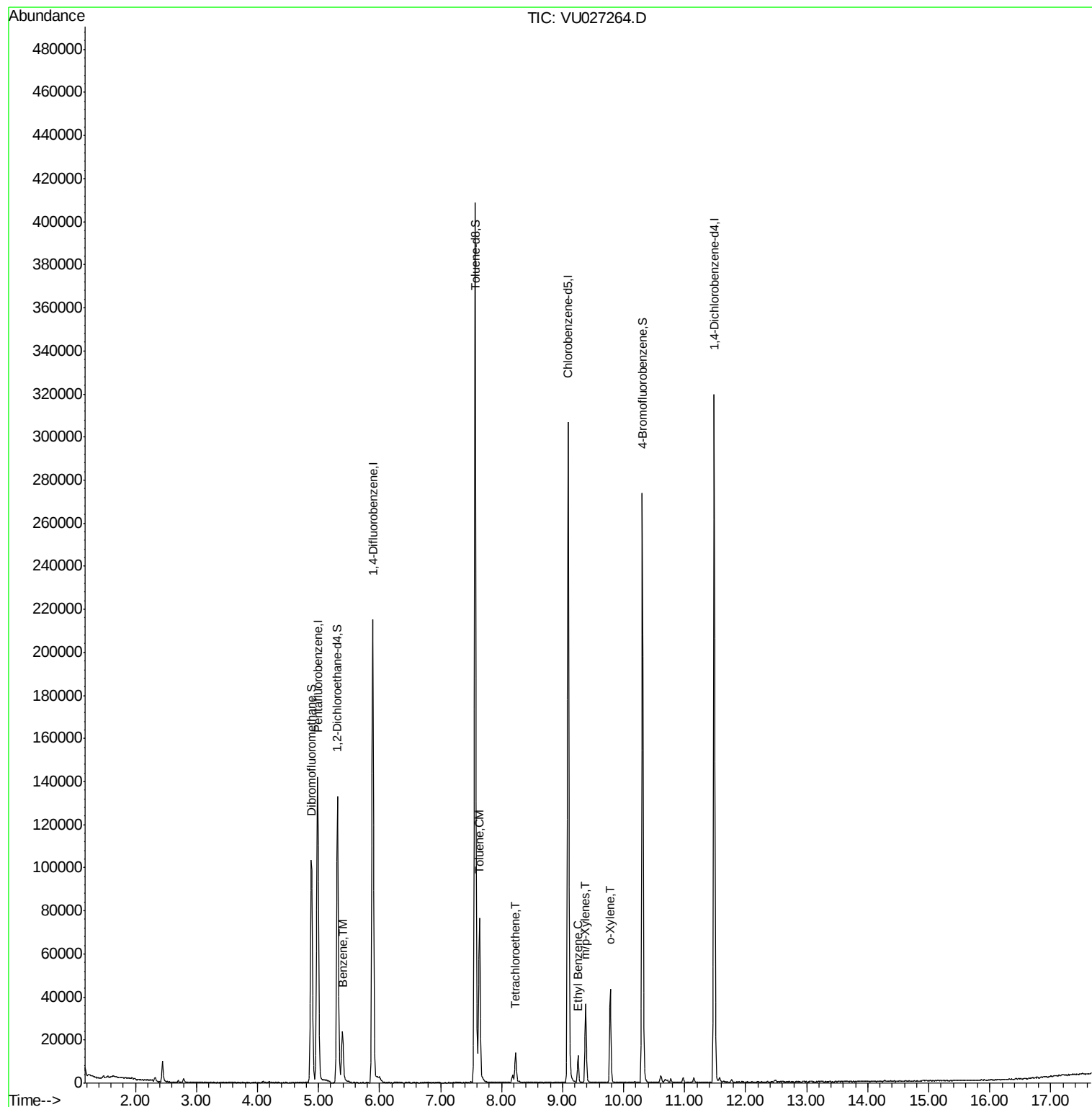
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	99018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	167284	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	160710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	102557	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	4.88	113	71624	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	7.57	98	269741	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	10.31	95	89382	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
Target Compounds						
40) Benzene	5.40	78	22196	3.270	ug/l	98
52) Toluene	7.64	92	29491	7.581	ug/l	96
64) Tetrachloroethene	8.23	164	3172	2.561	ug/l	92
67) Ethyl Benzene	9.25	91	8930	1.274	ug/l	98
68) m/p-Xylenes	9.38	106	10141	5.021	ug/l	100
69) o-Xylene	9.78	106	11202	4.512	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027264.D

Acq: 28 Sep 2018 12:22

Instrument :

MSVOA_U

ClientSampleId :

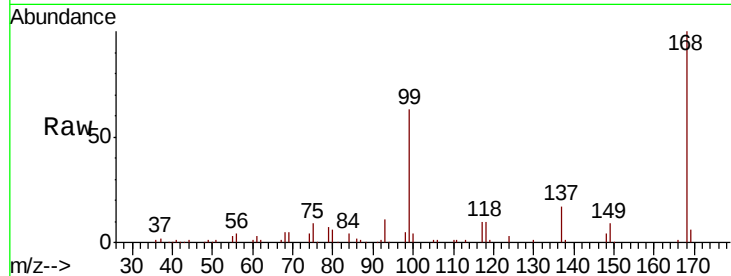
CPMW07S-Y4S3

Tot Ion:168 Resp: 99018

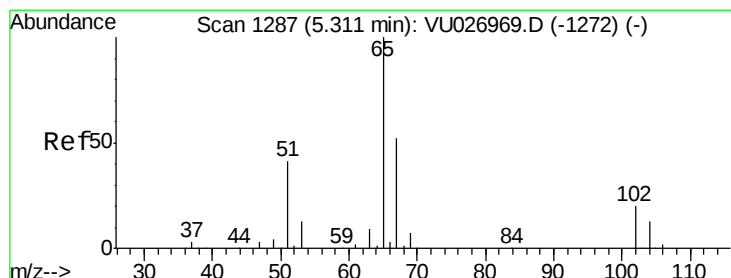
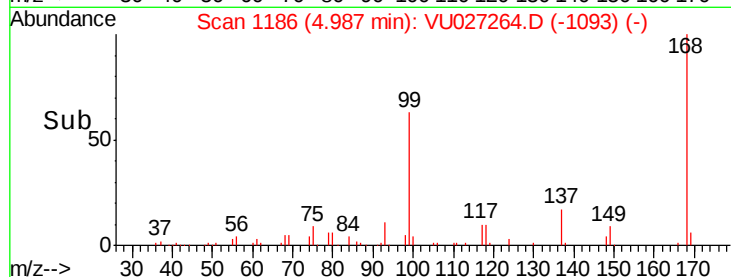
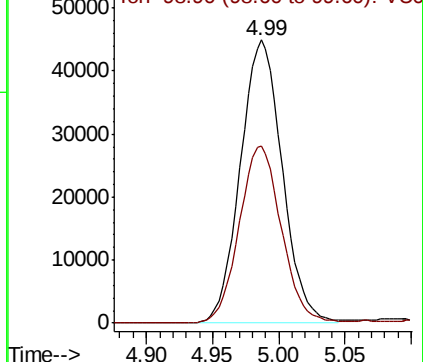
Ion Ratio Lower Upper

168 100

99 62.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU027264.D (-1093) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.461 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027264.D

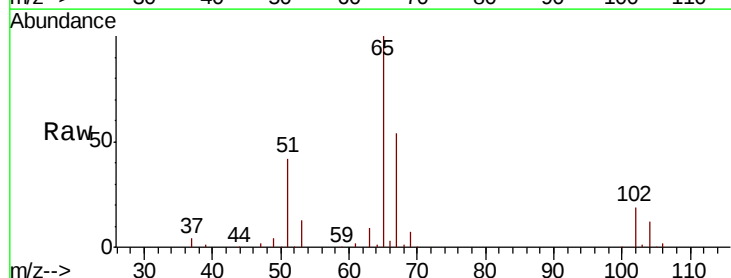
Acq: 28 Sep 2018 12:22

Tgt Ion: 65 Resp: 102557

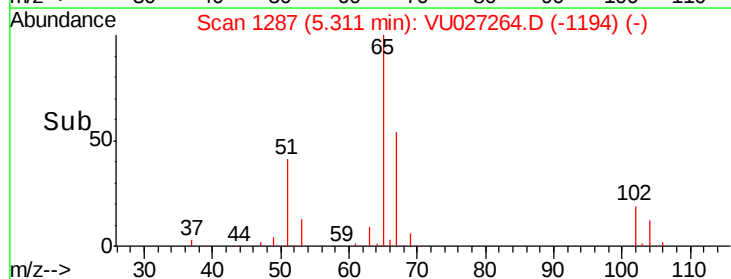
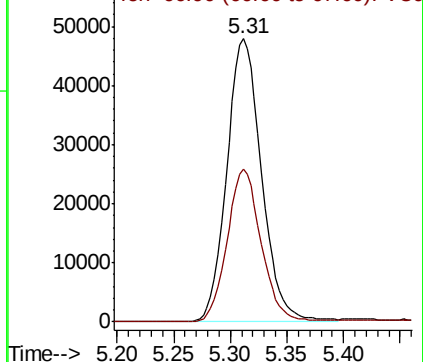
Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU027264.D (-1194) (-)

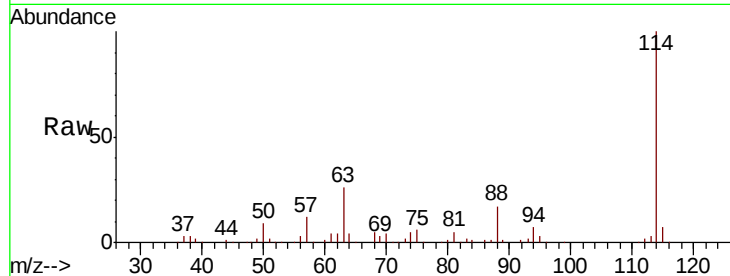




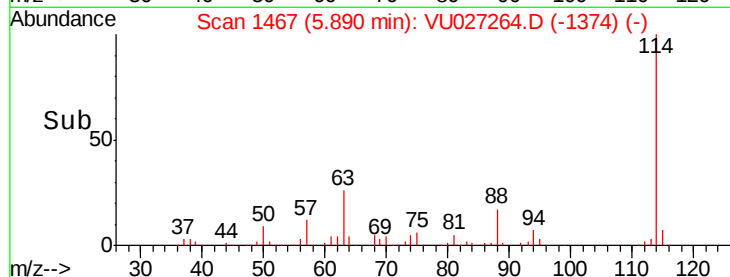
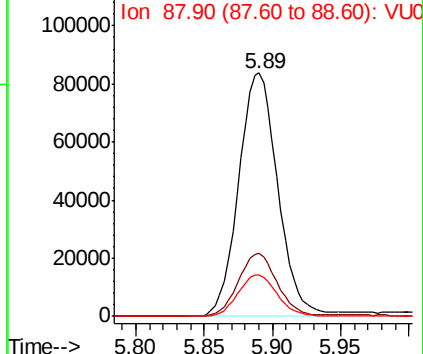
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027264.D
 Acq: 28 Sep 2018 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 CPMW07S-Y4S3

Tot Ion:114 Resp: 167284
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 17.1 0.0 33.8

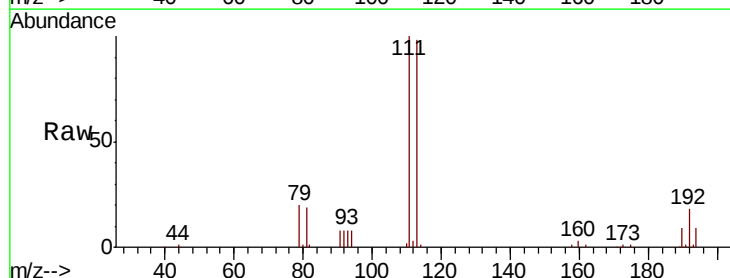


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

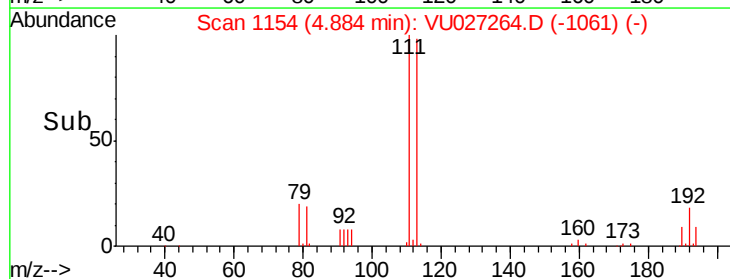
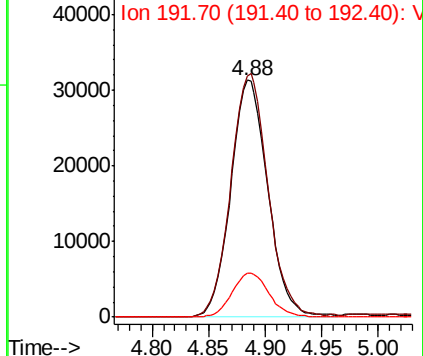


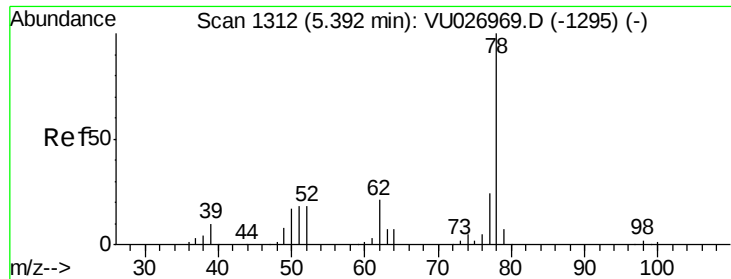
#35
 Dibromofluoromethane
 Concen: 49.395 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027264.D
 Acq: 28 Sep 2018 12:22

Tgt Ion:113 Resp: 71624
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 18.4 15.2 22.8



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





#40

Benzene

Concen: 3.270 ug/l

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU027264.D

Acq: 28 Sep 2018 12:22

Instrument :

MSVOA_U

ClientSampleId :

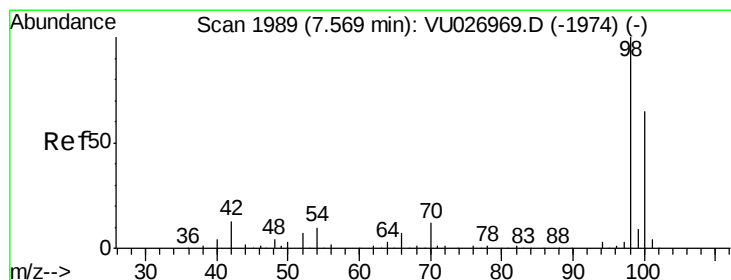
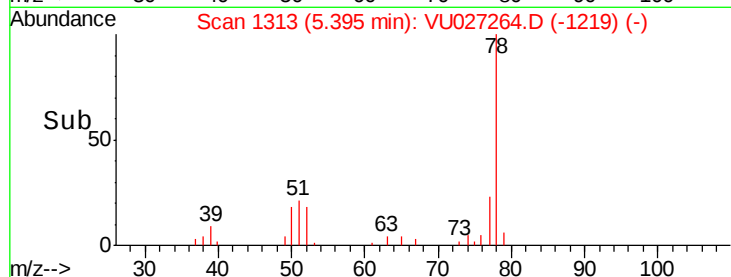
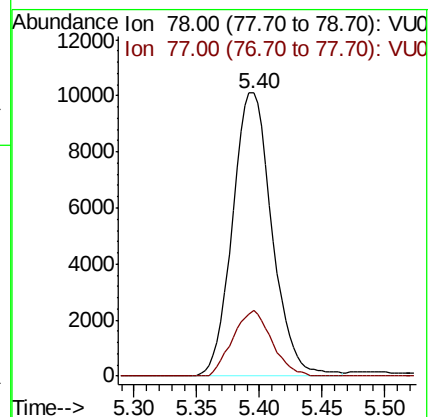
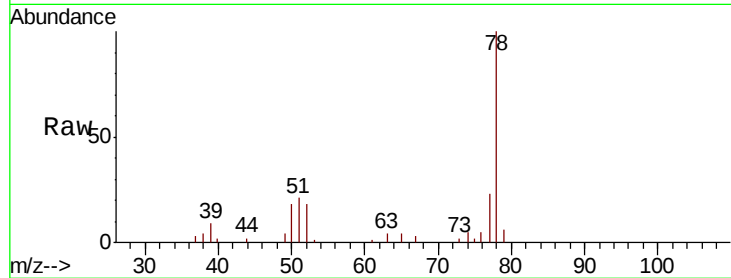
CPMW07S-Y4S3

Tot Ion: 78 Resp: 22196

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0



#50

Toluene-d8

Concen: 48.812 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027264.D

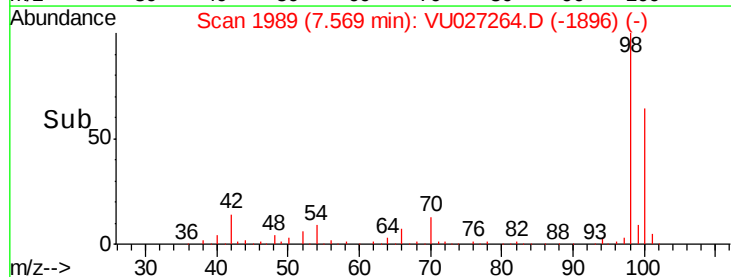
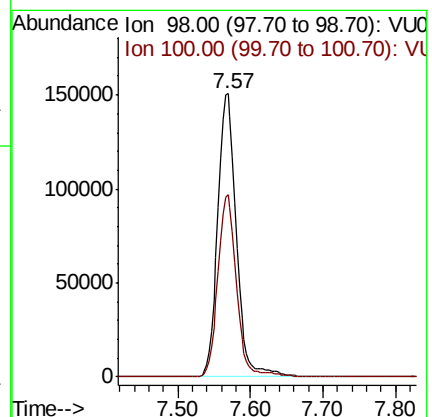
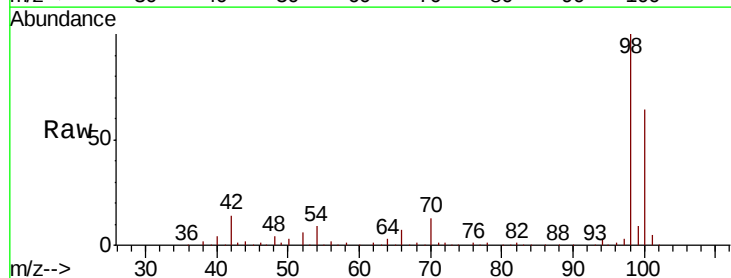
Acq: 28 Sep 2018 12:22

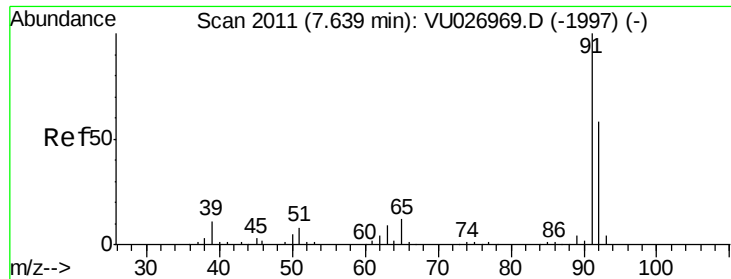
Tgt Ion: 98 Resp: 269741

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1





#52

Toluene

Concen: 7.581 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027264.D

Acq: 28 Sep 2018 12:22

Instrument :

MSVOA_U

ClientSampleId :

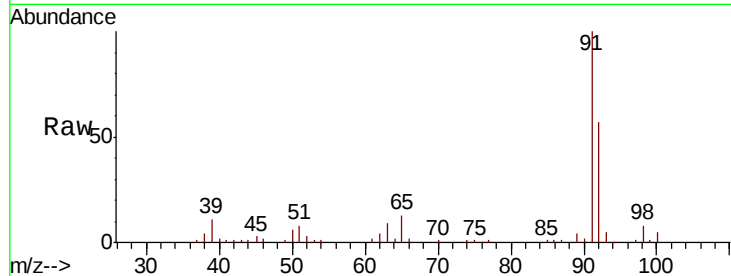
CPMW07S-Y4S3

Tot Ion: 92 Resp: 29491

Ion Ratio Lower Upper

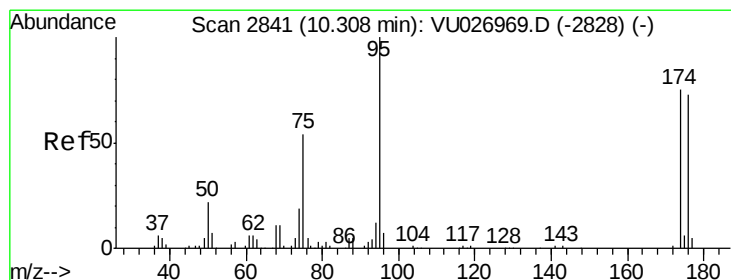
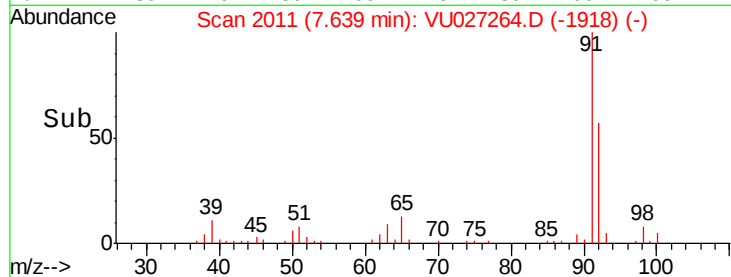
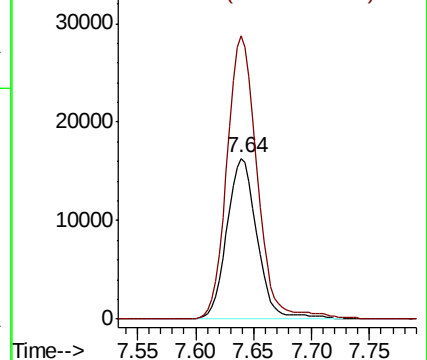
92 100

91 176.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 47.138 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027264.D

Acq: 28 Sep 2018 12:22

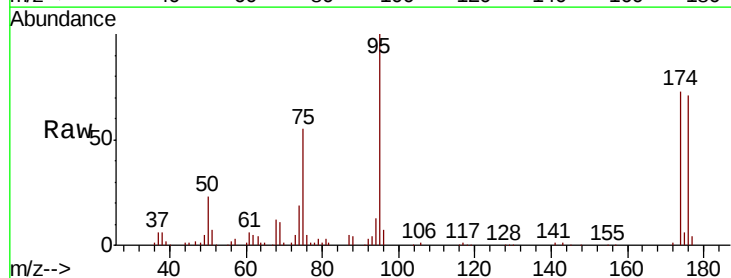
Tgt Ion: 95 Resp: 89382

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.2

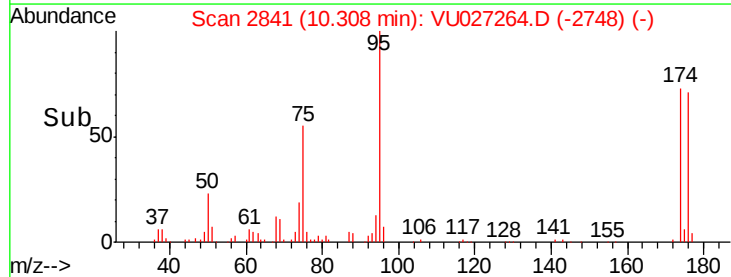
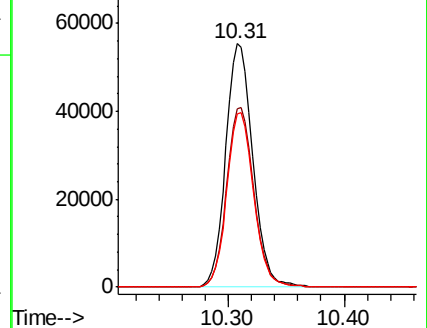
176 71.3 0.0 145.2

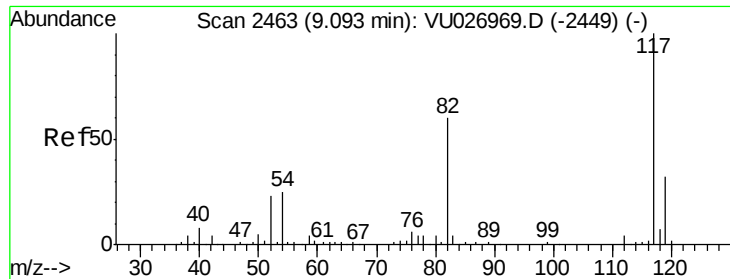


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

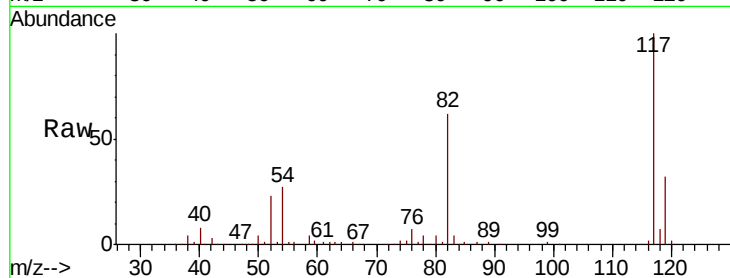




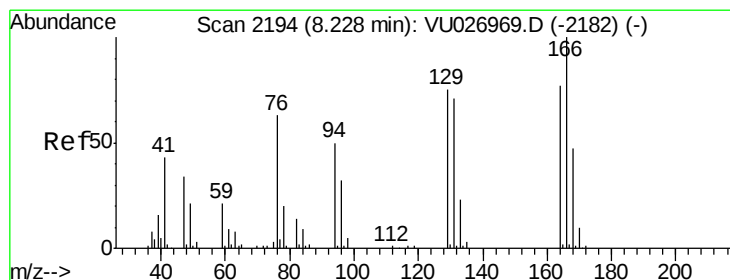
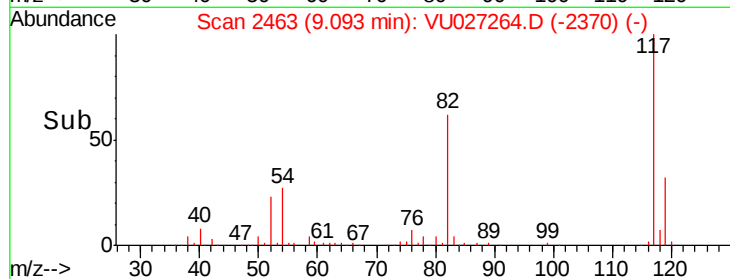
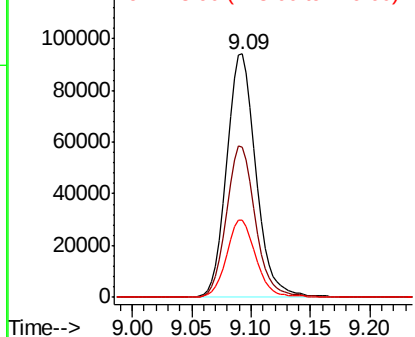
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027264.D
Acq: 28 Sep 2018 12:22

Instrument :
MSVOA_U
ClientSampleId :
CPMW07S-Y4S3

Tot Ion:117 Resp: 160710
Ion Ratio Lower Upper
117 100
82 61.8 48.0 72.0
119 31.9 25.8 38.8



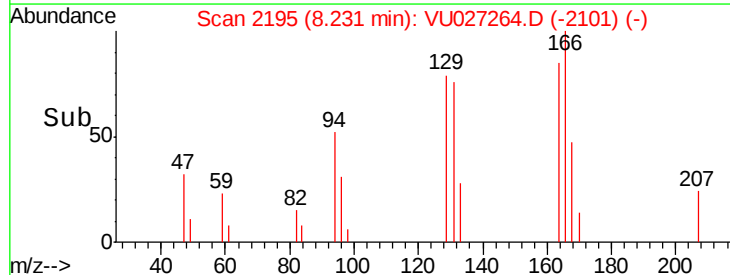
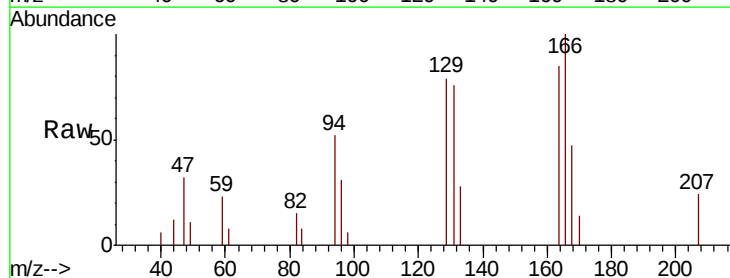
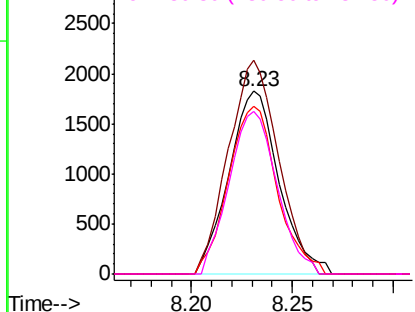
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

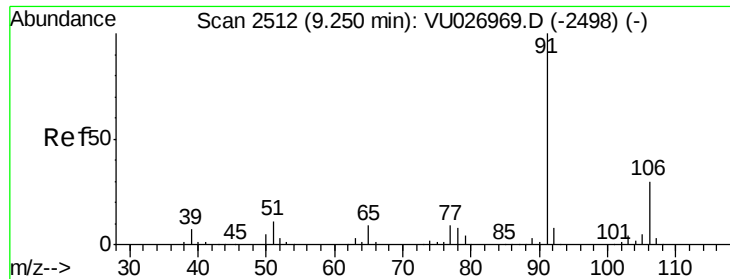


#64
Tetrachloroethene
Concen: 2.561 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027264.D
Acq: 28 Sep 2018 12:22

Tgt Ion:164 Resp: 3172
Ion Ratio Lower Upper
164 100
166 117.0 104.4 156.6
129 92.2 78.7 118.1
131 88.9 73.9 110.9

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

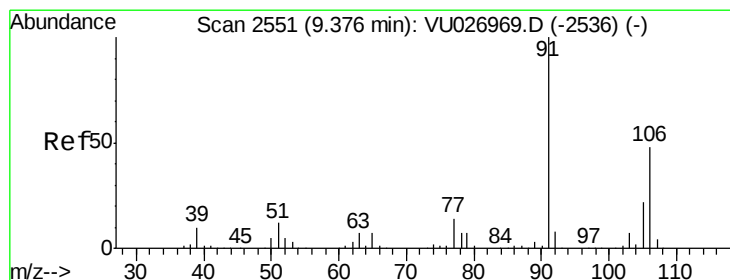
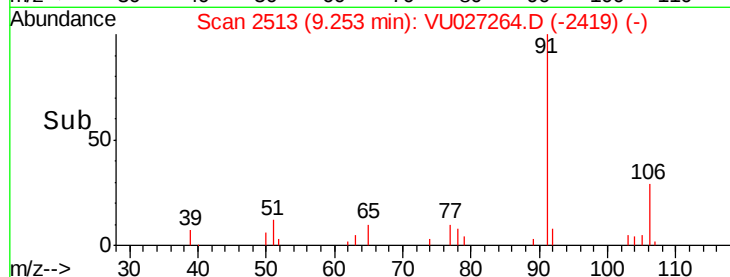
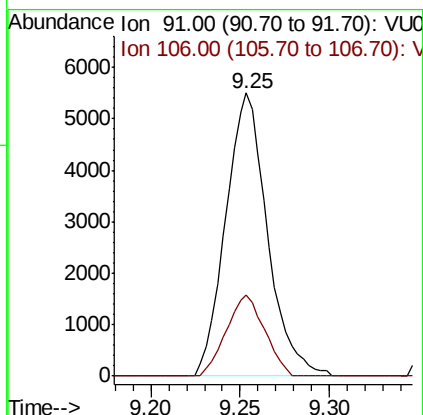
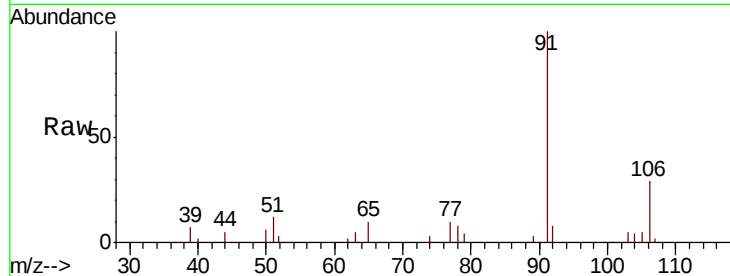




#67
Ethyl Benzene
Concen: 1.274 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027264.D
Acq: 28 Sep 2018 12:22

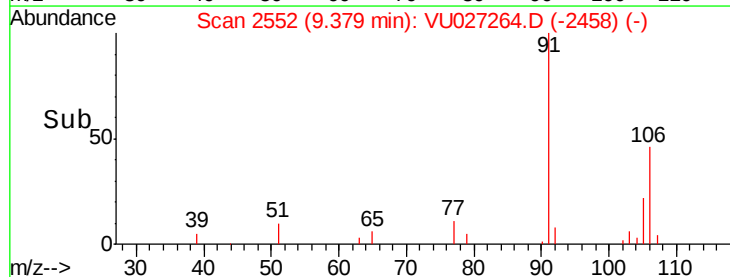
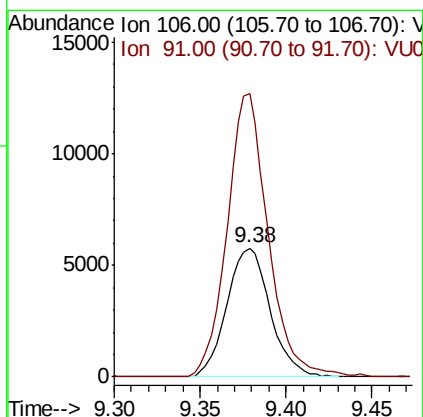
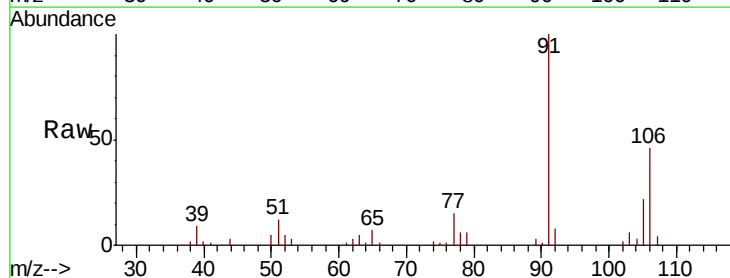
Instrument :
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CPMW07S-Y4S3

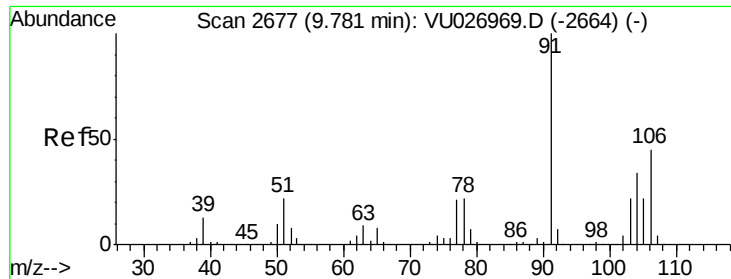
Tot Ion: 91 Resp: 8930
Ion Ratio Lower Upper
91 100
106 28.7 23.8 35.8



#68
m/p-Xylenes
Concen: 5.021 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027264.D
Acq: 28 Sep 2018 12:22

Tgt Ion: 106 Resp: 10141
Ion Ratio Lower Upper
106 100
91 208.6 166.5 249.7

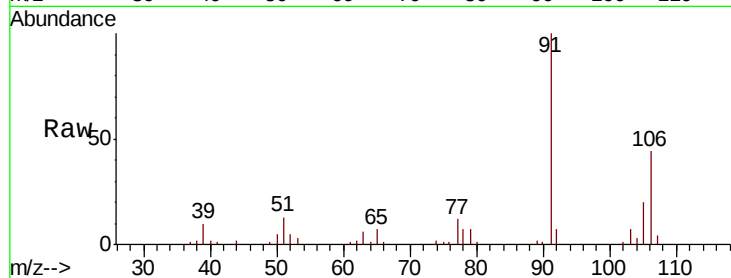




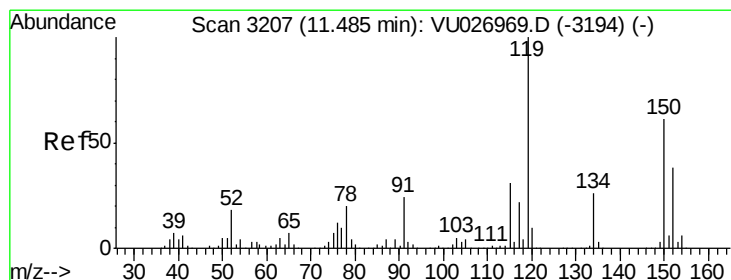
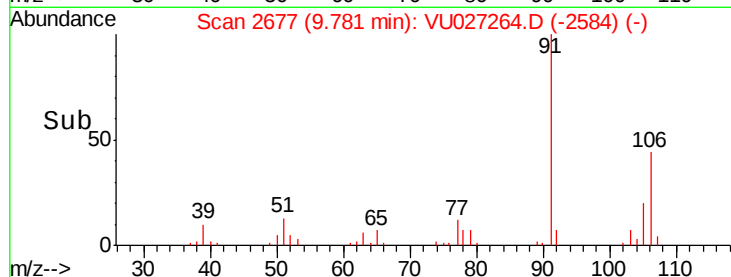
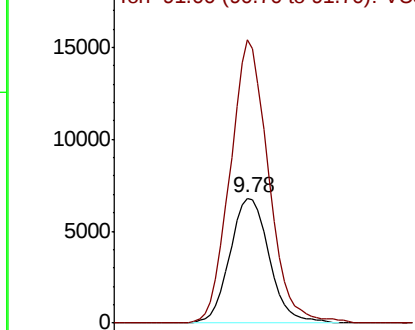
#69
o-Xylene
Concen: 4.512 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027264.D
Acq: 28 Sep 2018 12:22

Instrument :
MSVOA_U
ClientSampleId :
CPMW07S-Y4S3

Tot Ion:106 Resp: 11202
Ion Ratio Lower Upper
106 100
91 221.1 110.2 330.6

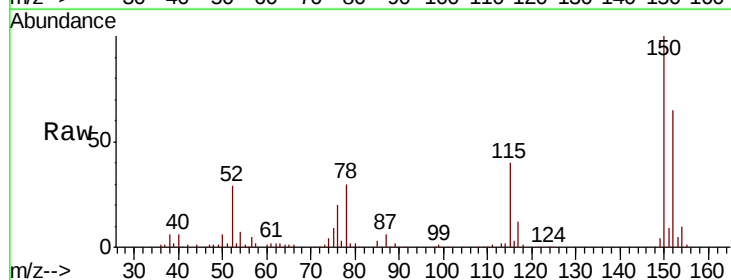


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027264.D
Acq: 28 Sep 2018 12:22

Tgt Ion:152 Resp: 76036
Ion Ratio Lower Upper
152 100
115 61.7 44.9 134.5
150 157.8 0.0 355.8



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

