

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024722.D
 Acq On : 19 Jun 2018 04:44
 Operator : MD/SY
 Sample : J3535-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS002MW002-180614

Quant Time: Jun 19 08:23:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

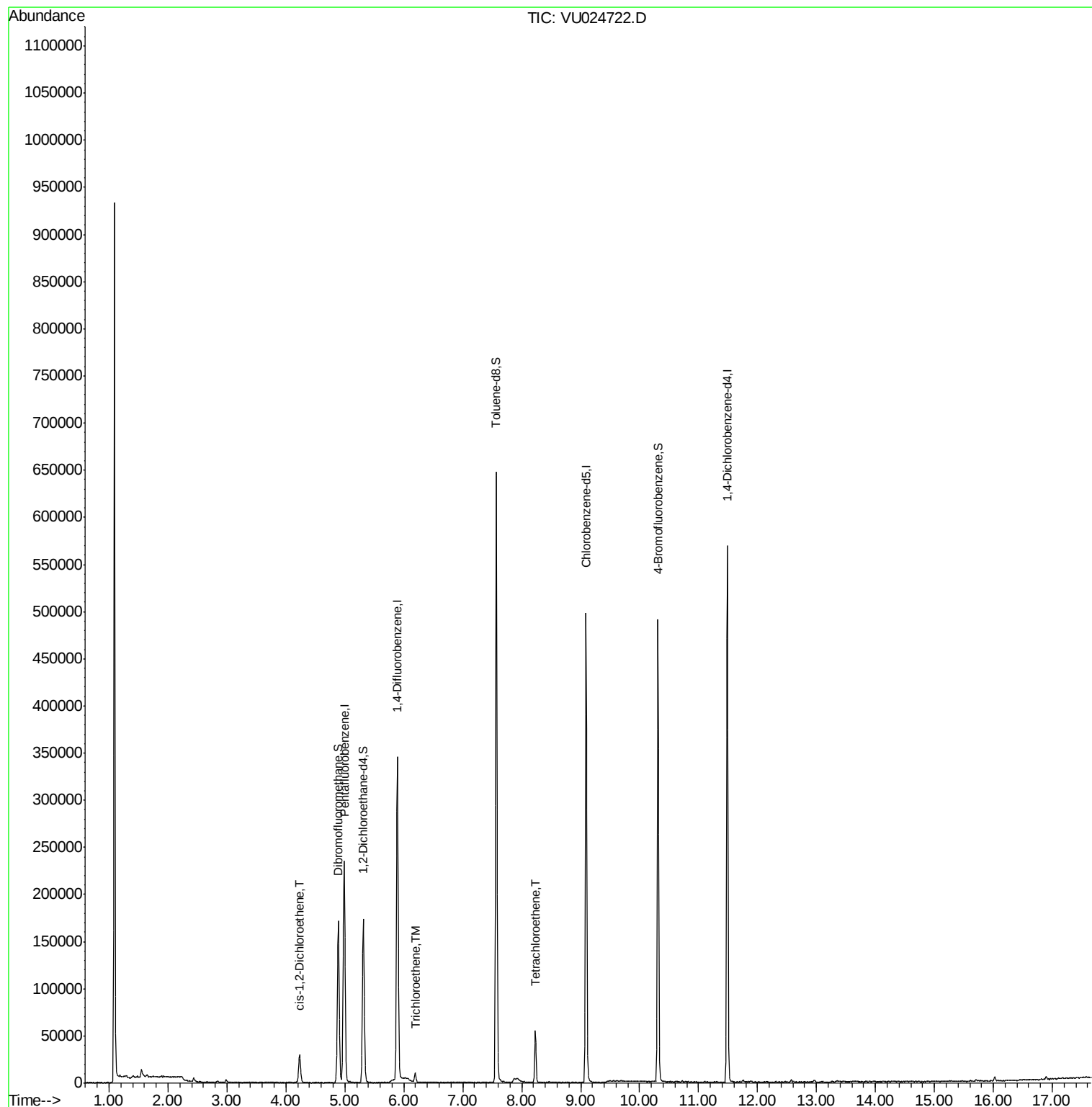
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297905	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	131925	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
35) Dibromofluoromethane	4.89	113	115899	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	7.57	98	437965	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	10.31	95	154689	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	16268	5.97	ug/l	85
44) Trichloroethene	6.19	130	3416	1.20	ug/l	86
64) Tetrachloroethene	8.23	164	12737	4.85	ug/l	96

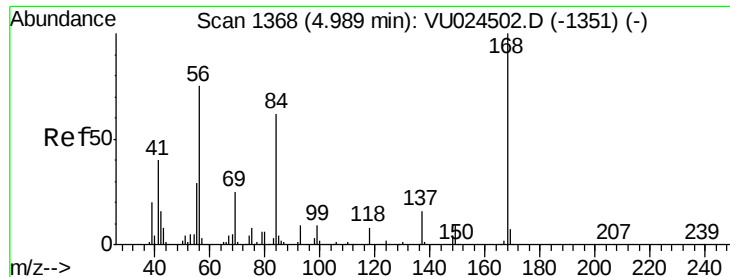
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024722.D

Acq: 19 Jun 2018 04:44

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ClientSampleId :

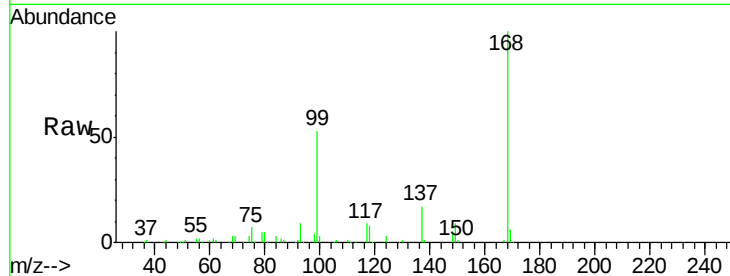
SS002MW002-180614

Tot Ion:168 Resp: 189072

Ion Ratio Lower Upper

168 100

99 52.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

60000

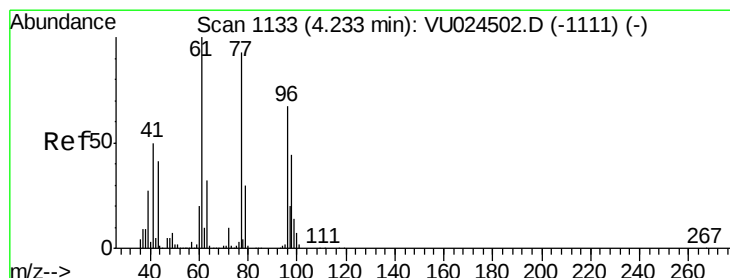
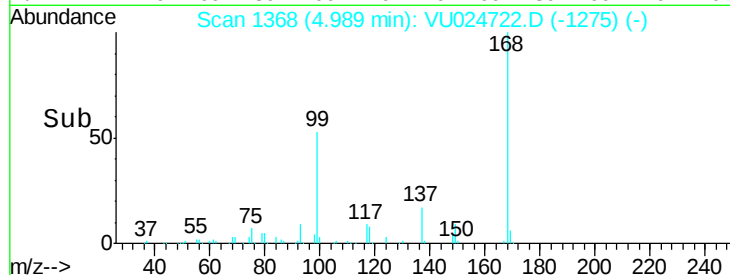
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 5.97 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024722.D

Acq: 19 Jun 2018 04:44

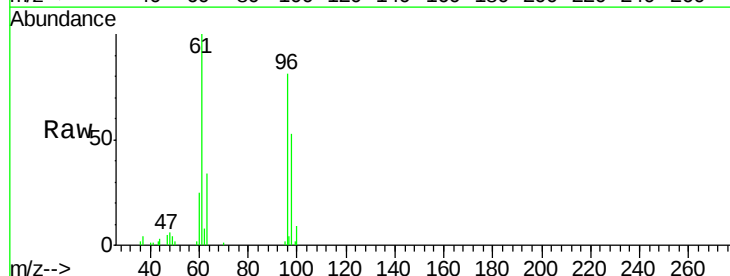
Tgt Ion: 96 Resp: 16268

Ion Ratio Lower Upper

96 100

61 126.5 0.0 306.6

98 64.7 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

4.23

12000

10000

8000

6000

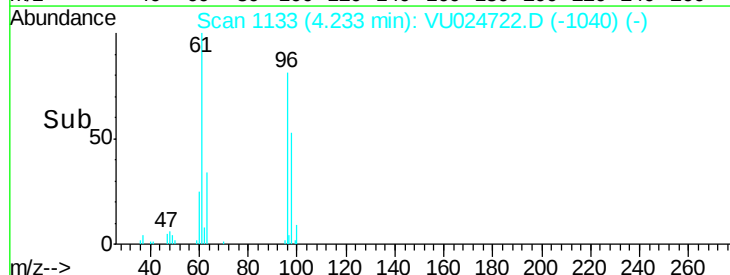
4000

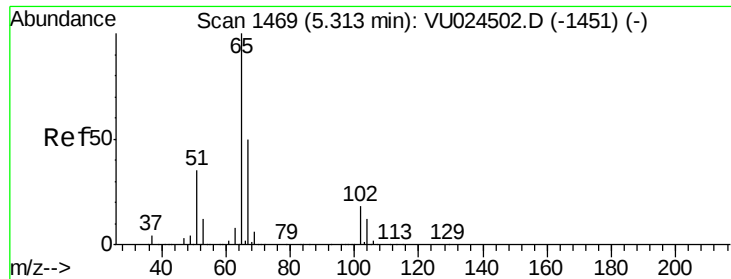
2000

0

4.15 4.20 4.25 4.30

Time-->

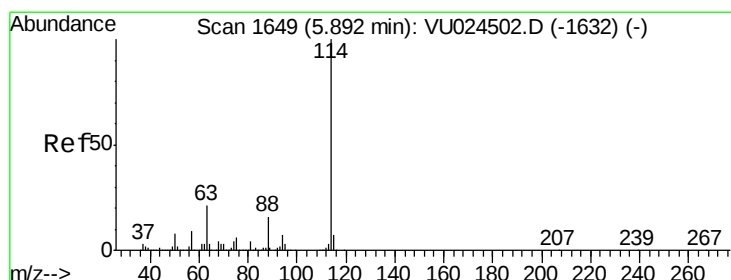
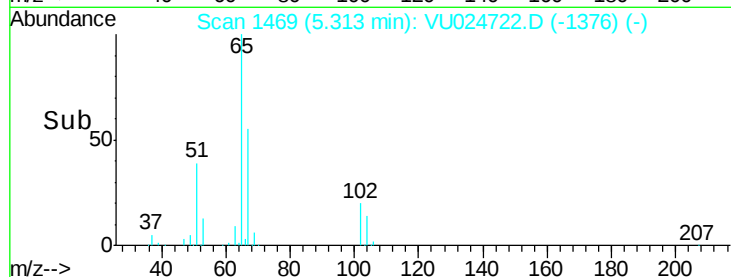
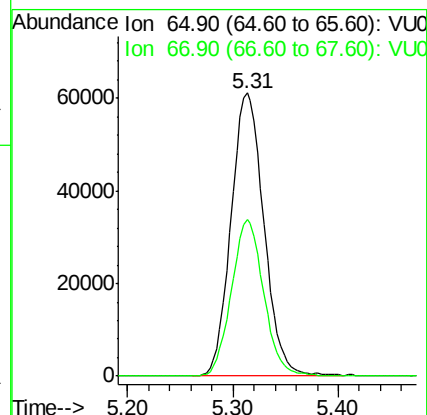
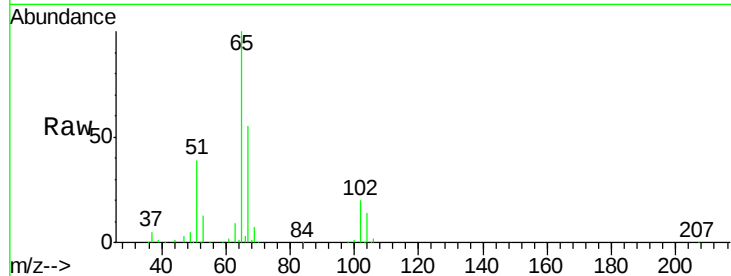




#33
 1,2-Dichloroethane-d4
 Concen: 42.74 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024722.D
 Acq: 19 Jun 2018 04:44

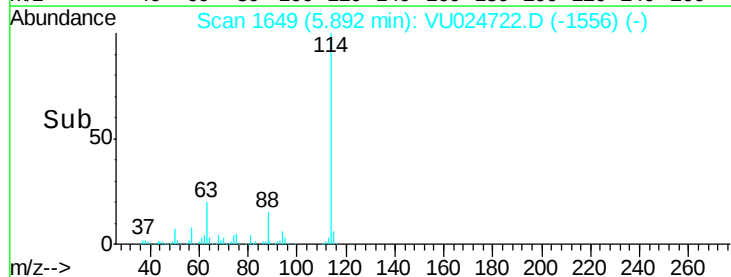
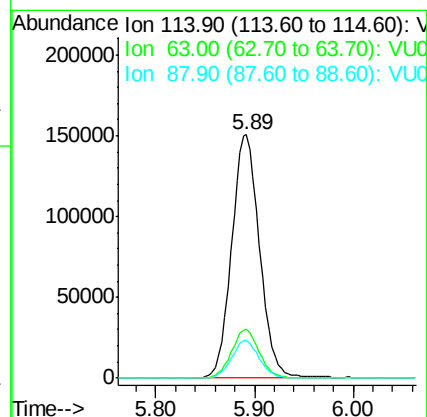
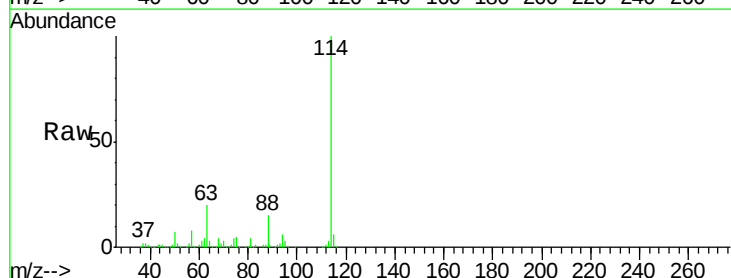
Instrument :
 MSVOA_U
 ClientSampleId :
 SS002MW002-180614

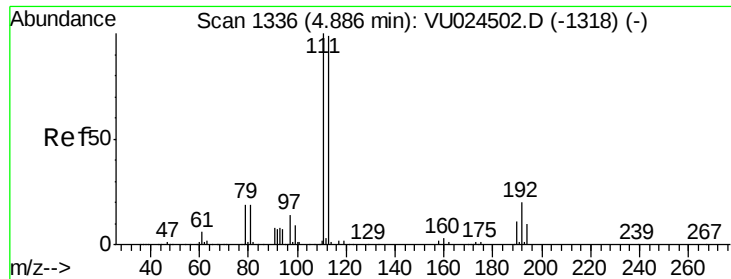
Tot Ion: 65 Resp: 131925
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024722.D
 Acq: 19 Jun 2018 04:44

Tgt Ion: 114 Resp: 297905
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 15.3 0.0 31.0

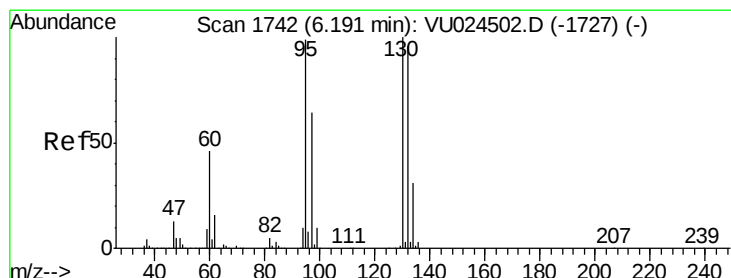
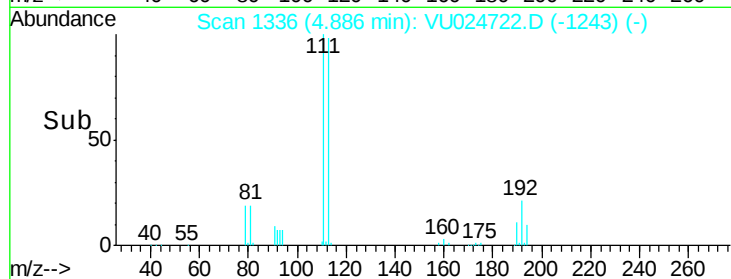
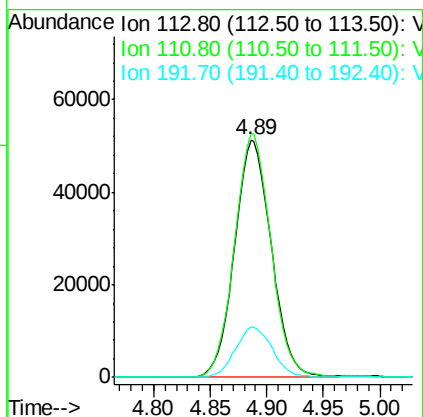
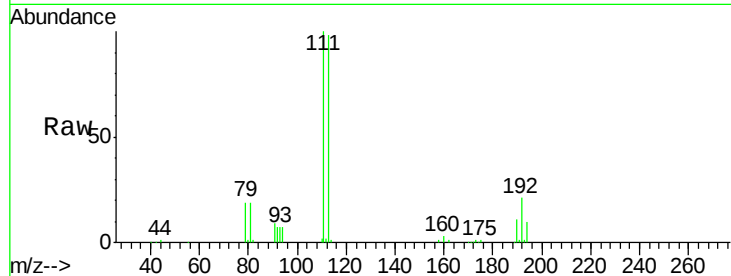




#35
 Dibromofluoromethane
 Concen: 46.88 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024722.D
 Acq: 19 Jun 2018 04:44

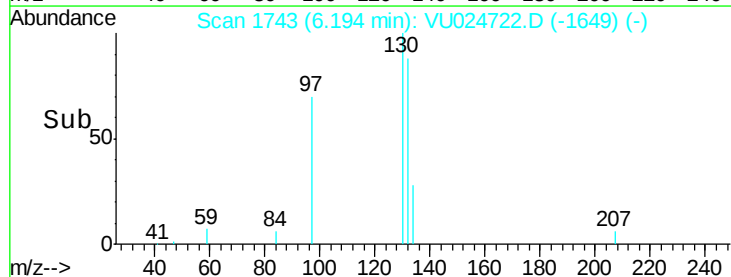
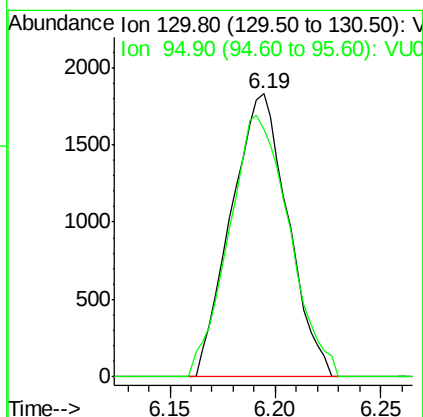
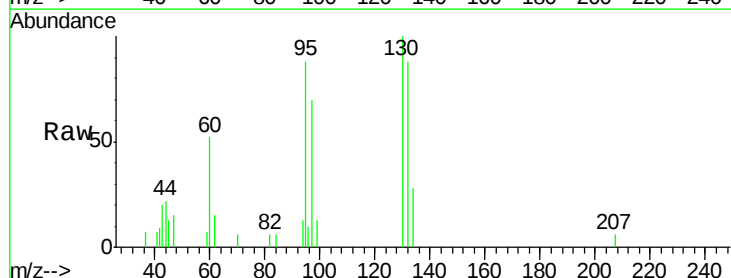
Instrument :
 MSVOA_U
 ClientSampleId :
 SS002MW002-180614

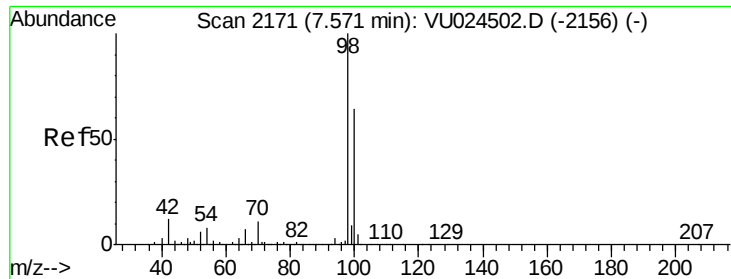
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	21.4	16.2	24.4



#44
 Trichloroethene
 Concen: 1.20 ug/l
 RT: 6.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VU024722.D
 Acq: 19 Jun 2018 04:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	202.4





#50

Toluene-d8

Concen: 48.56 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024722.D

Acq: 19 Jun 2018 04:44

Instrument :

MSVOA_U

ClientSampleId :

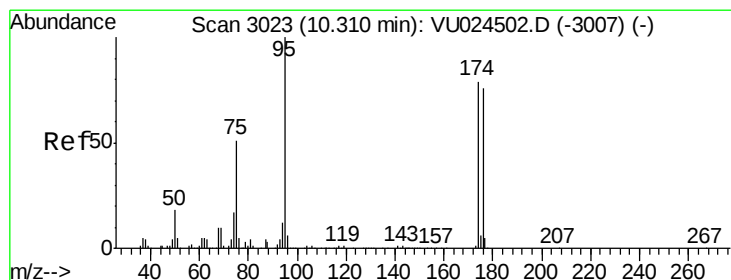
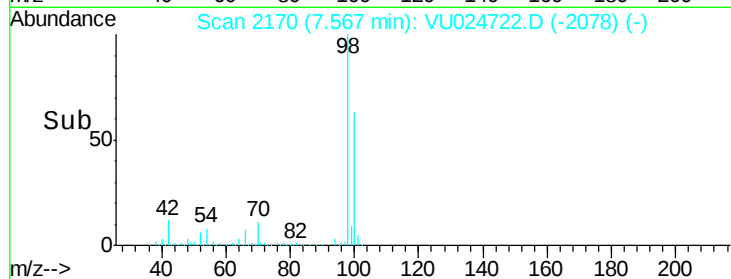
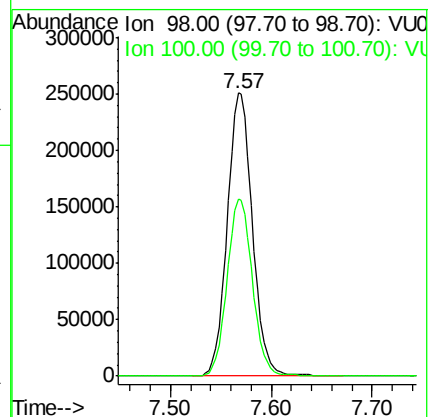
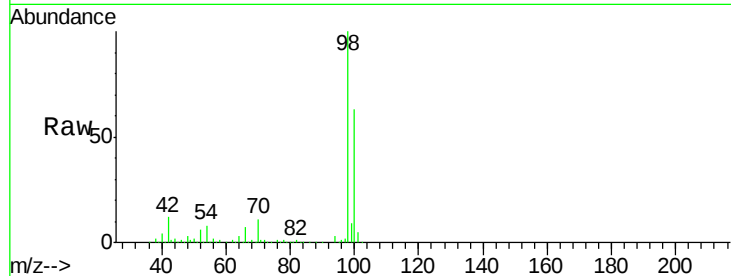
SS002MW002-180614

Tot Ion: 98 Resp: 437965

Ion Ratio Lower Upper

98 100

100 63.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.20 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024722.D

Acq: 19 Jun 2018 04:44

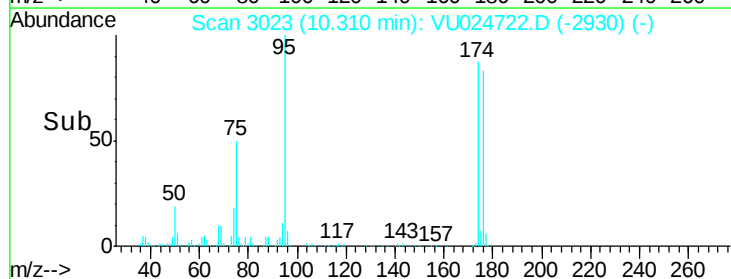
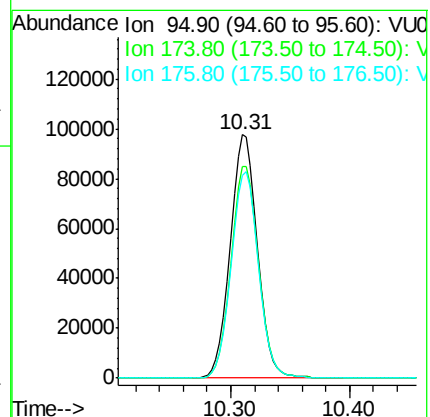
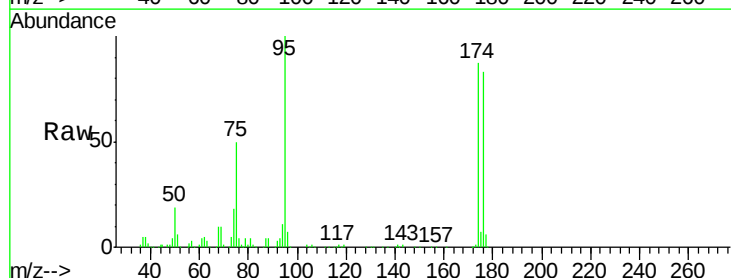
Tgt Ion: 95 Resp: 154689

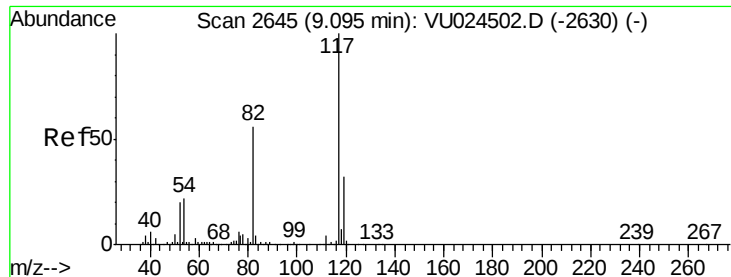
Ion Ratio Lower Upper

95 100

174 88.0 0.0 165.8

176 85.3 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU024722.D

Acq: 19 Jun 2018 04:44

Instrument :

MSVOA_U

ClientSampleId :

SS002MW002-180614

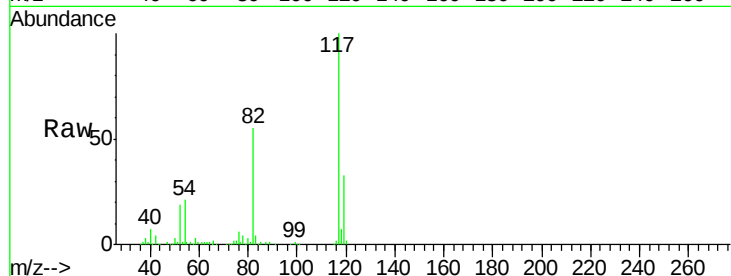
Tot Ion:117 Resp: 276194

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

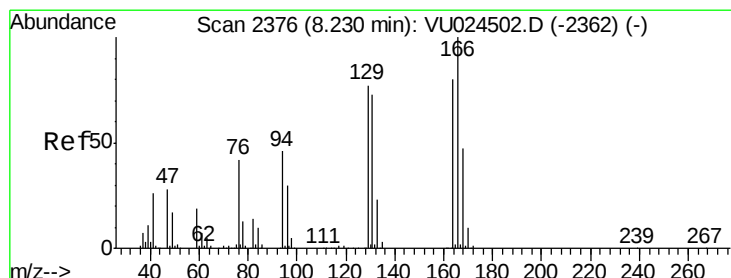
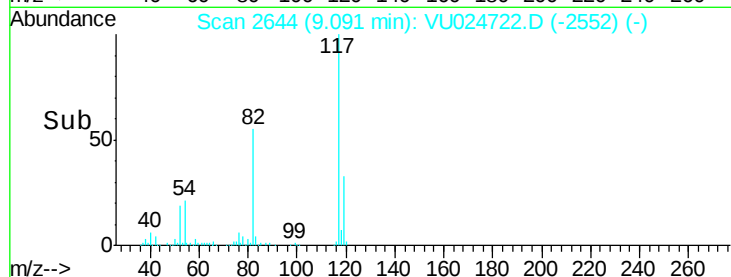
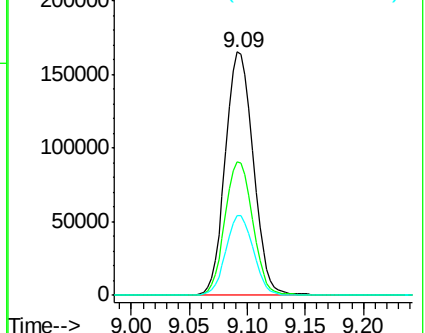
119 32.8 25.4 38.2



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: 4.85 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU024722.D

Acq: 19 Jun 2018 04:44

Tgt Ion:164 Resp: 12737

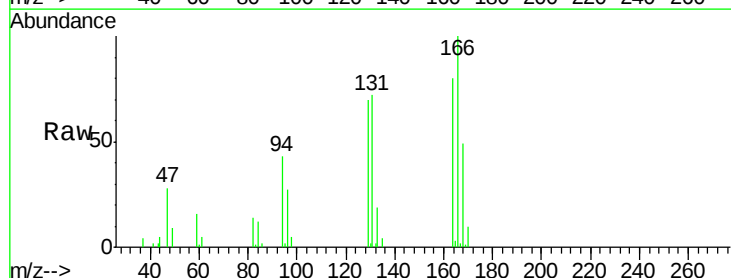
Ion Ratio Lower Upper

164 100

166 125.0 101.7 152.5

129 88.0 76.9 115.3

131 90.3 74.9 112.3

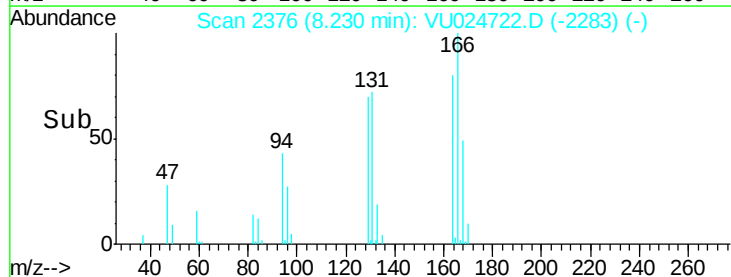
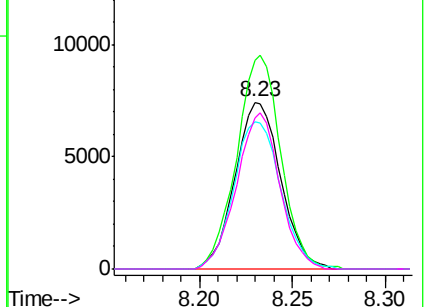


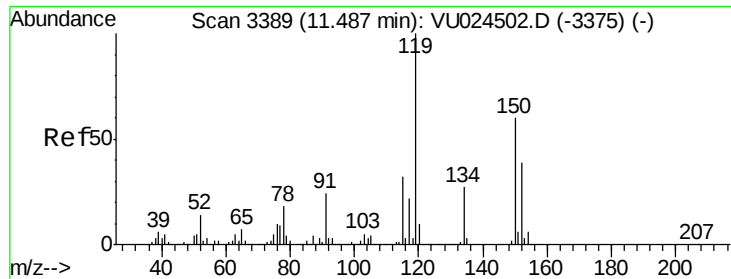
Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024722.D

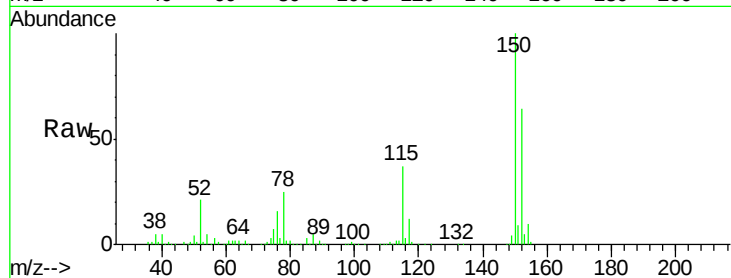
Acq: 19 Jun 2018 04:44

Instrument :

MSVOA_U

ClientSampleId :

SS002MW002-180614



Tot Ion:152 Resp: 147526

Ion Ratio Lower Upper

152 100

115 57.5 43.0 129.0

150 156.7 0.0 354.0

