

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092018\
 Data File : VU026901.D
 Acq On : 19 Sep 2018 16:55
 Operator : MD/SY
 Sample : J4913-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

Quant Time: Sep 20 15:43:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

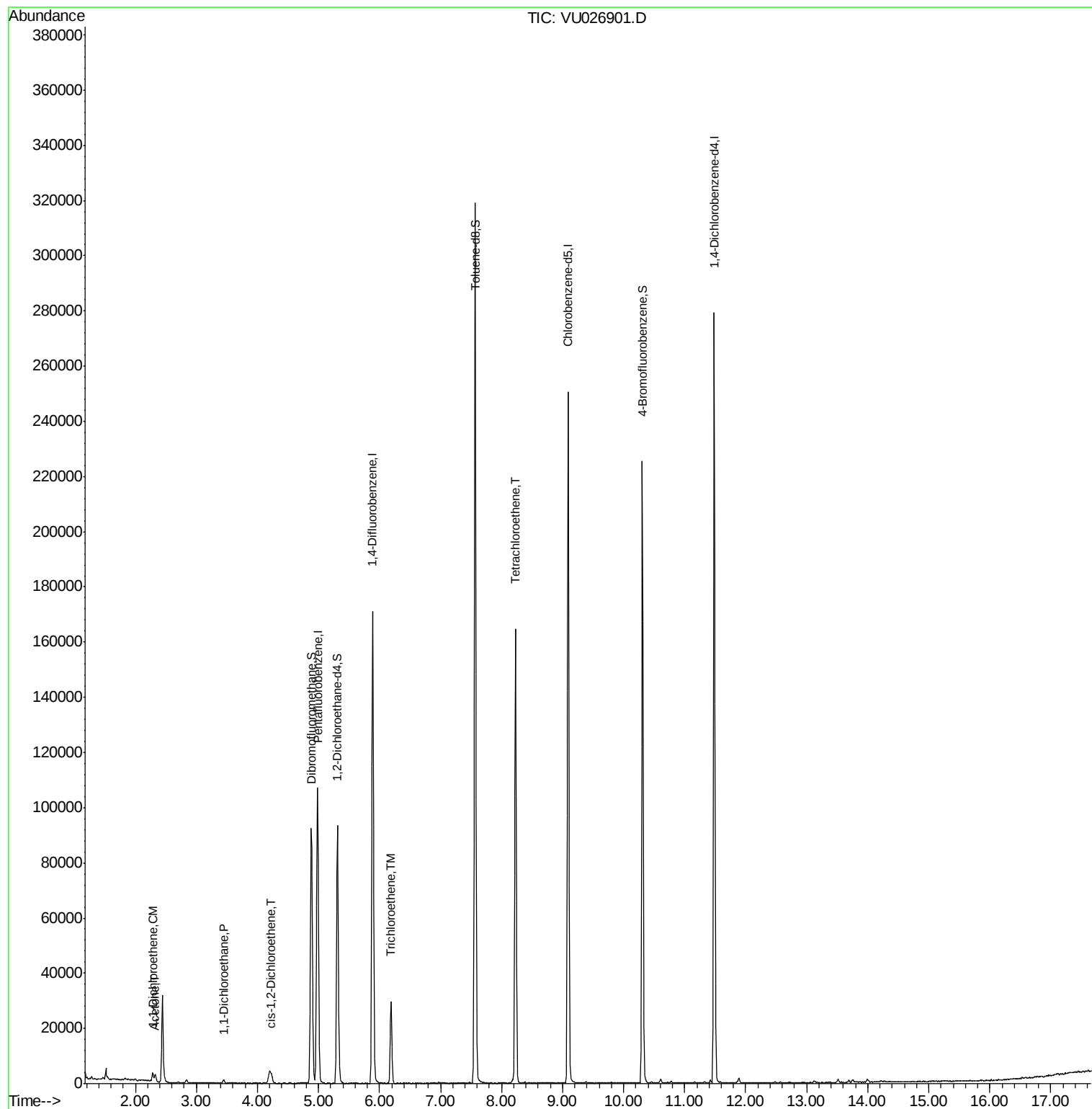
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	86848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146090	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	143113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70193	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
35) Dibromofluoromethane	4.88	113	62896	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	7.57	98	213861	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	10.31	95	71914	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.28	96	1087	1.090	ug/l	88
16) Acetone	2.32	43	2498	3.349	ug/l	98
24) 1,1-Dichloroethane	3.45	63	1945	0.920	ug/l #	84
27) cis-1,2-Dichloroethene	4.23	96	1327	1.096	ug/l	98
44) Trichloroethene	6.19	130	11141	8.837	ug/l	93
64) Tetrachloroethene	8.23	164	38694	33.970	ug/l	97

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

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BPSI-TT-MW303I1-20180912

Quant Time: Sep 20 15:43:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

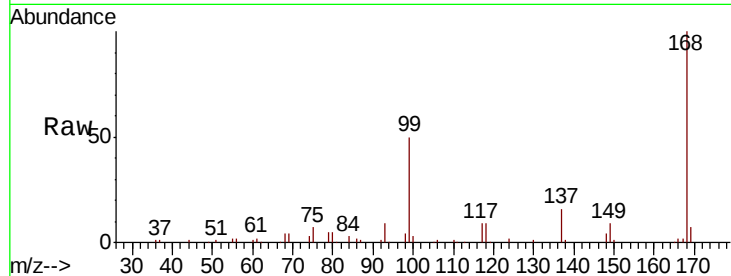
BPSI-TT-MW30311-20180912

Tot Ion:168 Resp: 86848

Ion Ratio Lower Upper

168 100

99 50.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

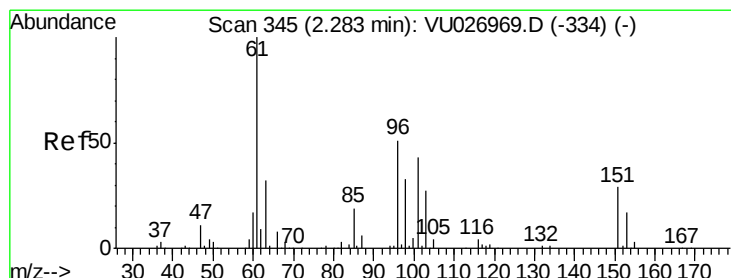
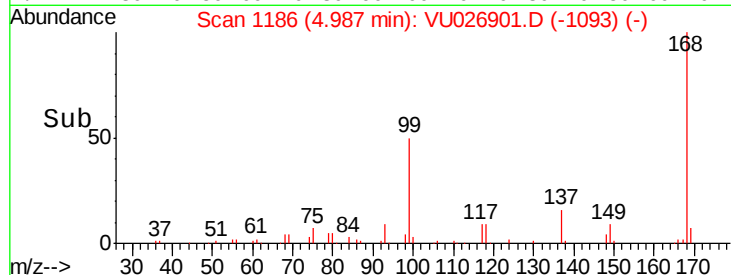
20000

10000

0

4.90 5.00 5.10

Time-->



#12

1,1-Dichloroethene

Concen: 1.090 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

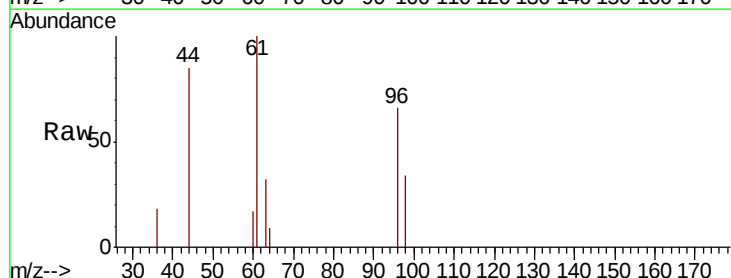
Tgt Ion: 96 Resp: 1087

Ion Ratio Lower Upper

96 100

61 152.0 133.0 199.6

98 52.0 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-334) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-334) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-334) (-)

1500

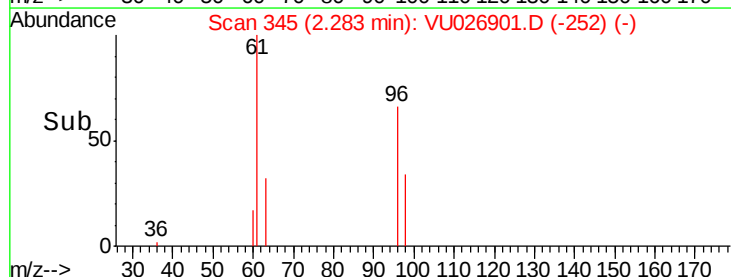
1000

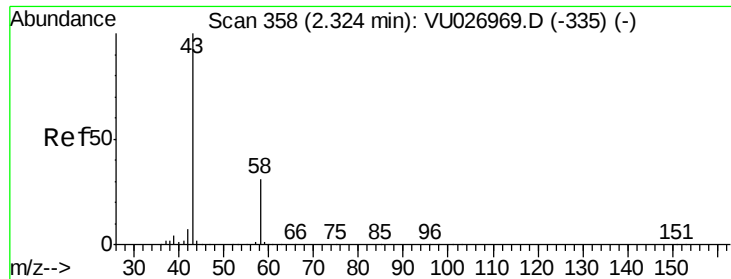
500

0

2.24 2.26 2.28 2.30 2.32

Time-->





#16

Acetone

Concen: 3.349 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

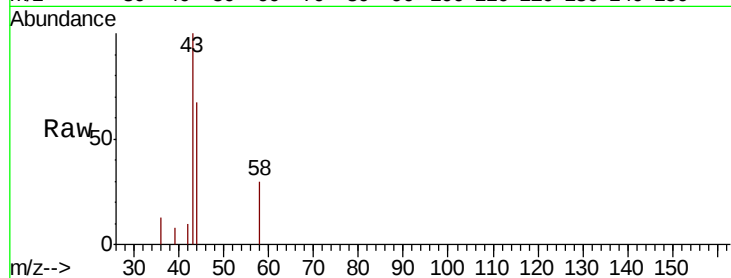
BPSI-TT-MW30311-20180912

Tot Ion: 43 Resp: 2498

Ion Ratio Lower Upper

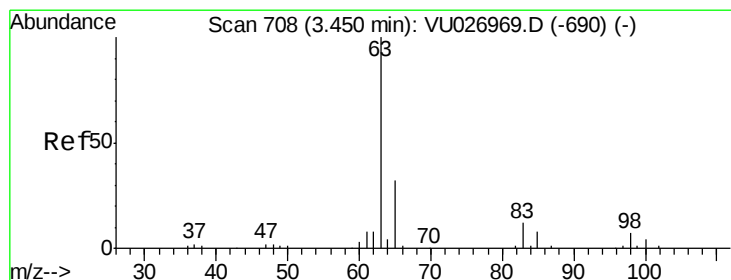
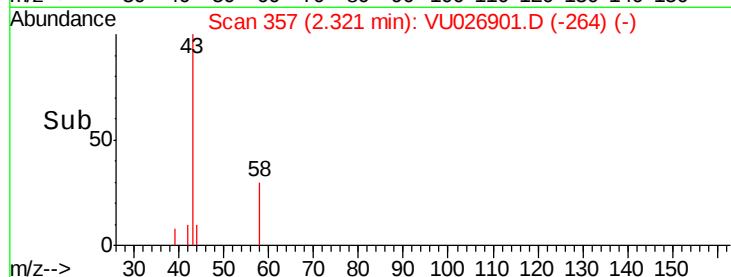
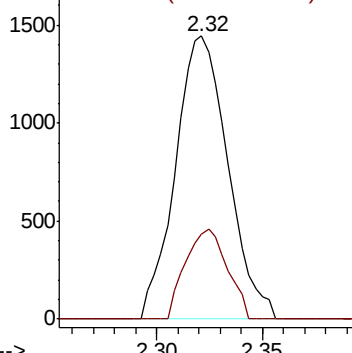
43 100

58 30.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#24

1,1-Dichloroethane

Concen: 0.920 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

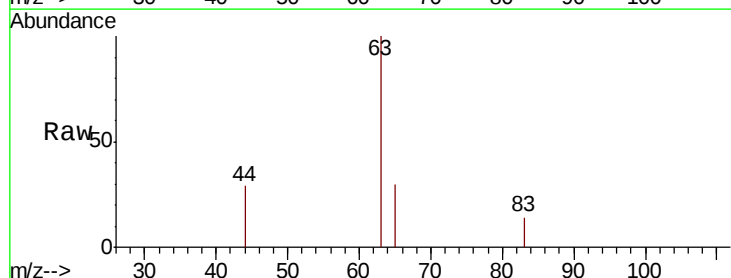
Tgt Ion: 63 Resp: 1945

Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

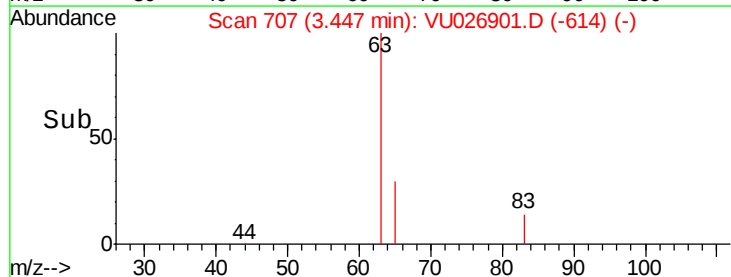
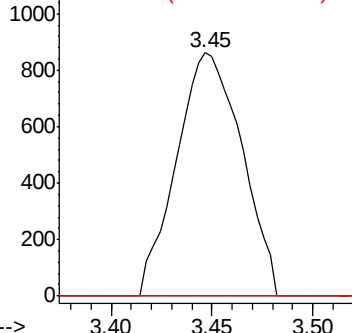
100 0.0 2.0 6.0#

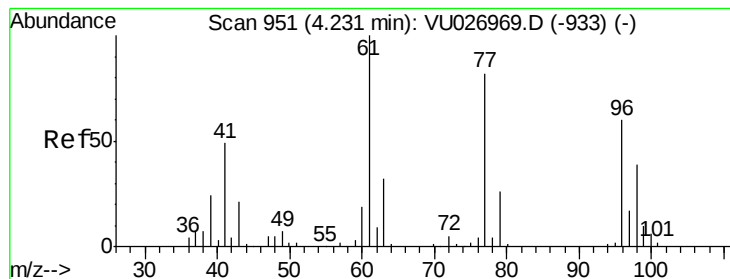


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



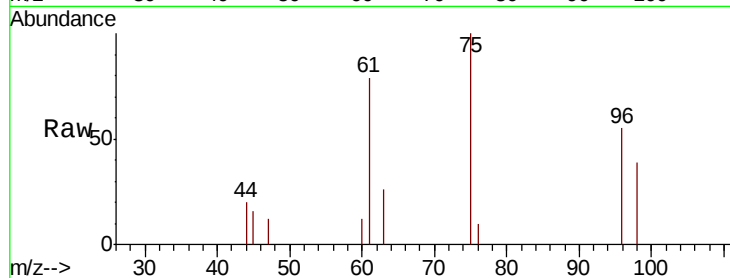


#27

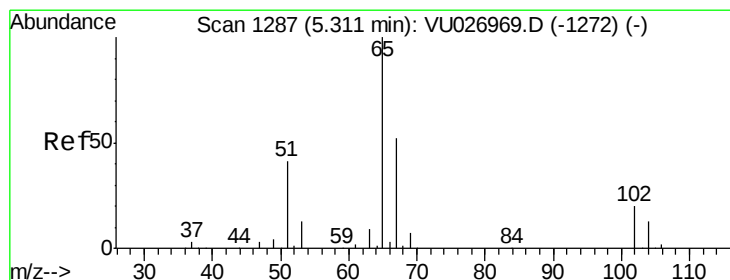
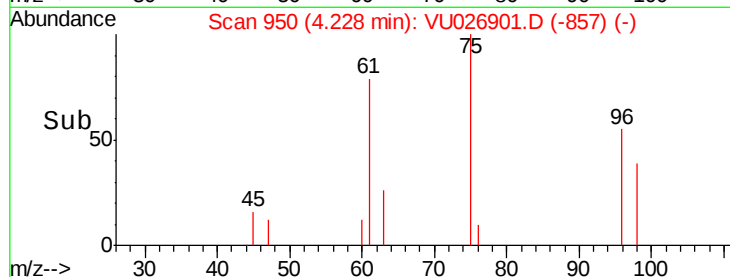
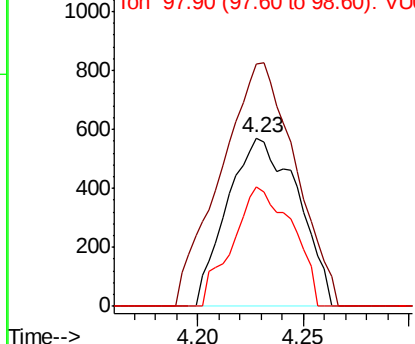
cis-1,2-Dichloroethene
 Concen: 1.096 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

Tot Ion: 96 Resp: 1327
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 301.8
 98 60.0 0.0 127.2



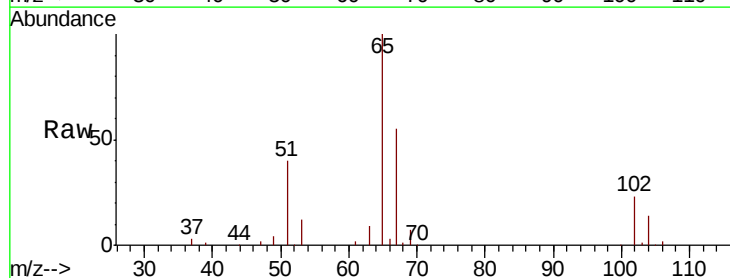
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



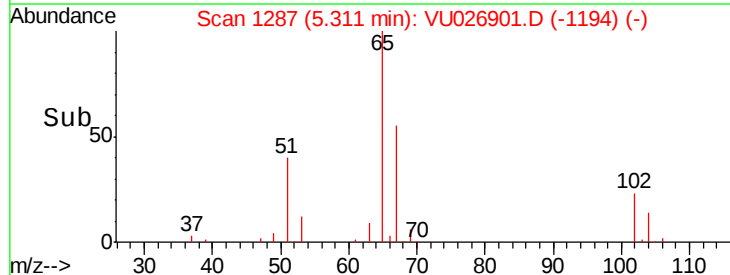
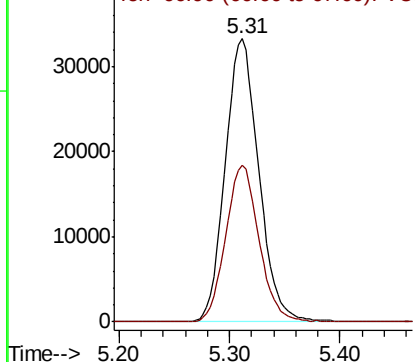
#33

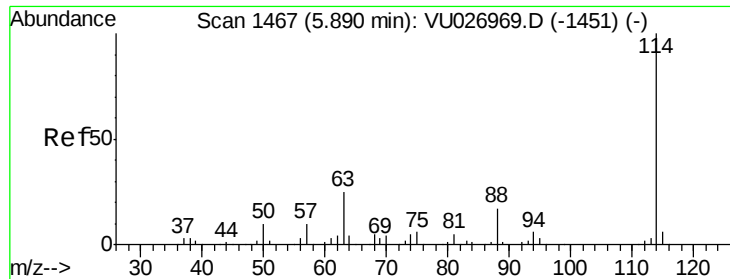
1,2-Dichloroethane-d4
 Concen: 53.280 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion: 65 Resp: 70193
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

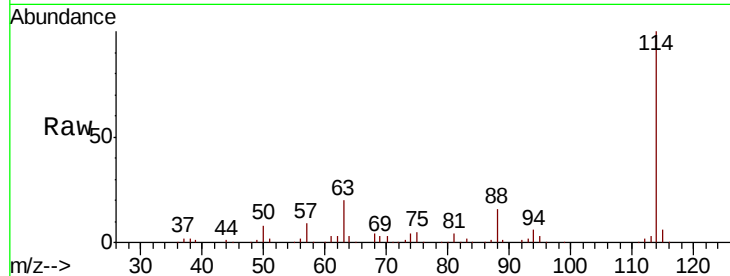




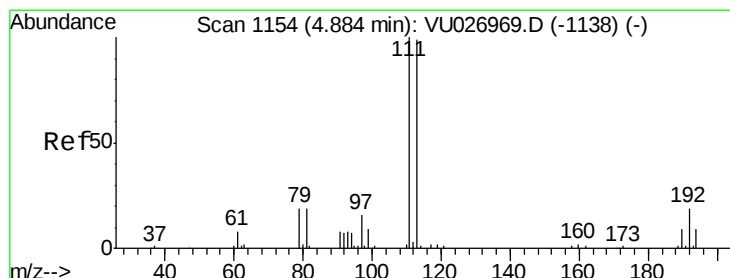
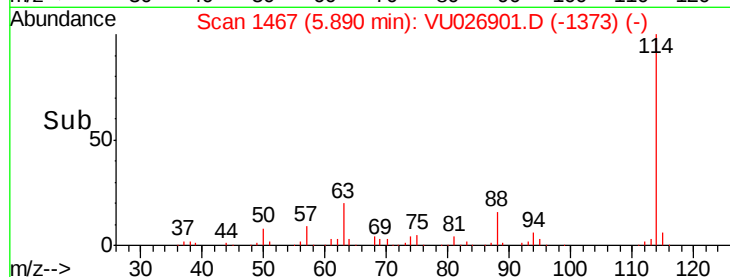
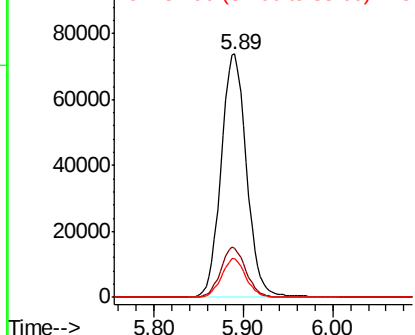
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW30311-20180912

Tot Ion:114 Resp: 146090
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.8 0.0 30.8

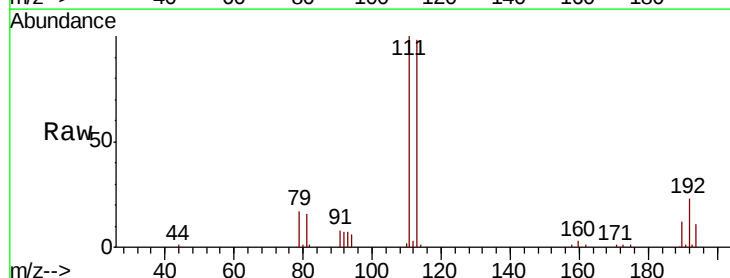


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

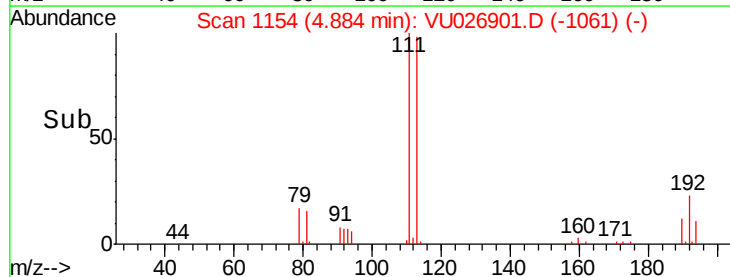
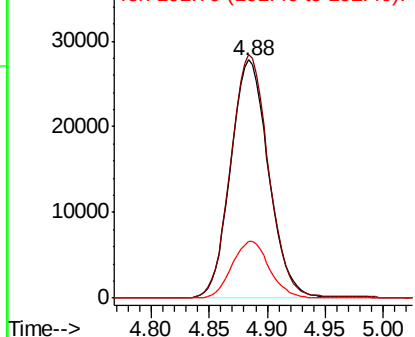


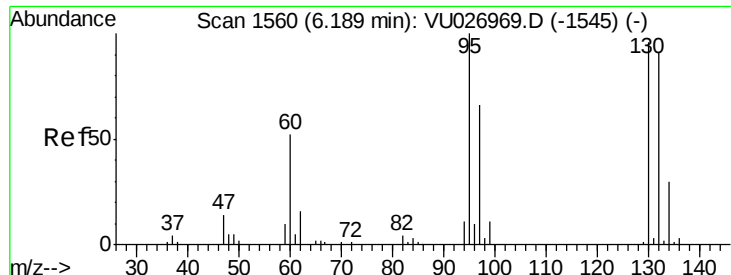
#35
 Dibromofluoromethane
 Concen: 52.781 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026901.D
 Acq: 19 Sep 2018 16:55

Tgt Ion:113 Resp: 62896
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.1 124.7
 192 23.5 17.4 26.2



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





#44

Trichloroethene

Concen: 8.837 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026901.D

Acq: 19 Sep 2018 16:55

Instrument :

MSVOA_U

ClientSampleId :

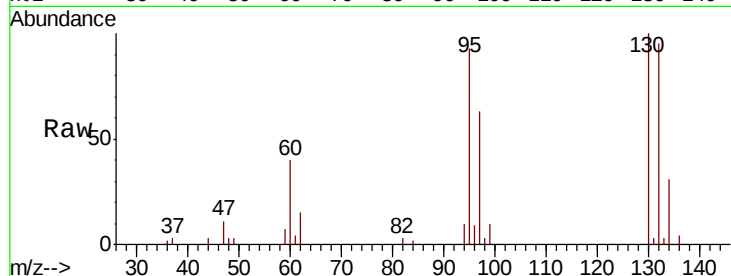
BPSI-TT-MW303I1-20180912

Tot Ion:130 Resp: 11141

Ion Ratio Lower Upper

130 100

95 93.0 0.0 199.4



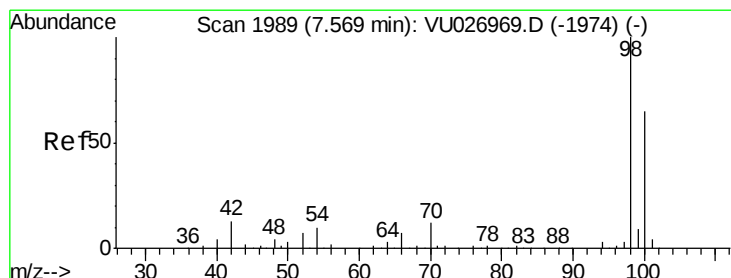
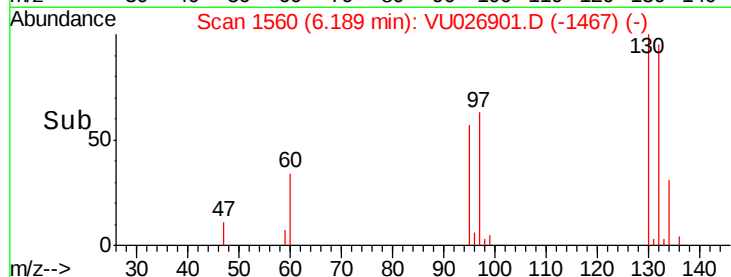
Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

6.19

6.15 6.20 6.25

Time-->



#50

Toluene-d8

Concen: 48.523 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026901.D

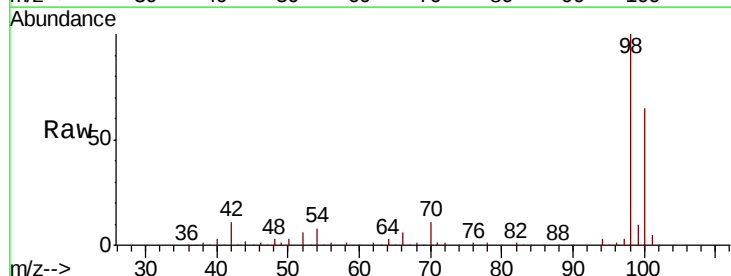
Acq: 19 Sep 2018 16:55

Tgt Ion: 98 Resp: 213861

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8



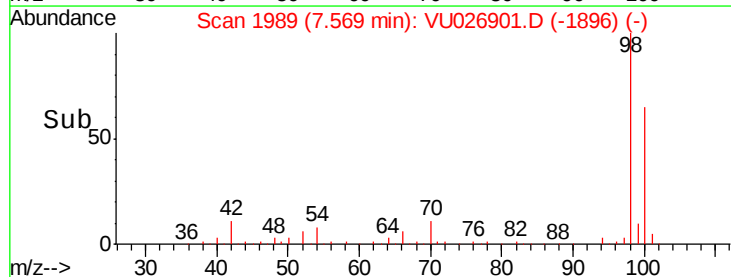
Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

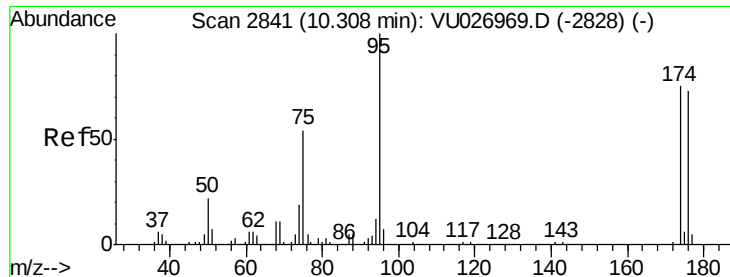
Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

7.50 7.60 7.70

Time-->

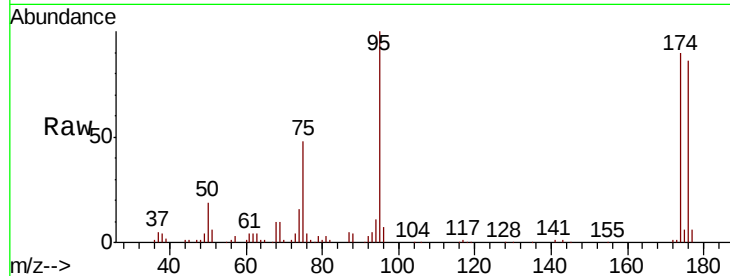




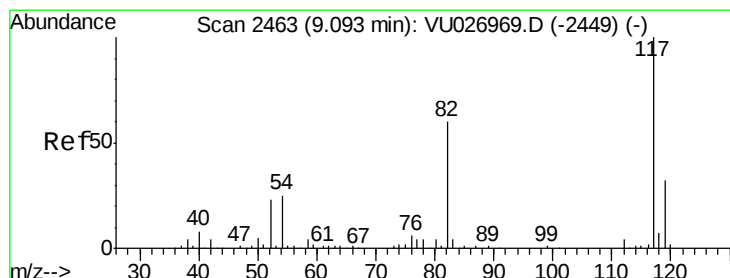
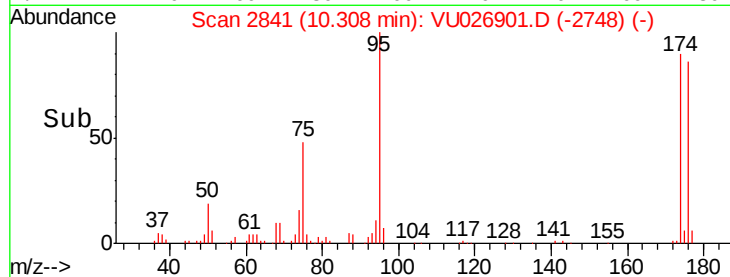
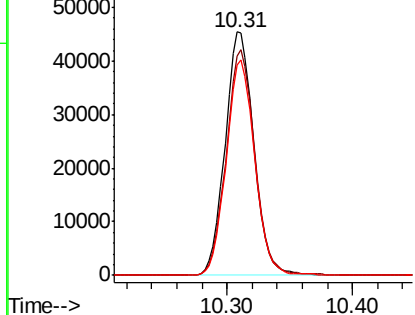
#62
4-Bromofluorobenzene
Concen: 45.020 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW30311-20180912

Tot Ion: 95 Resp: 71914
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.8
176 88.1 0.0 168.6

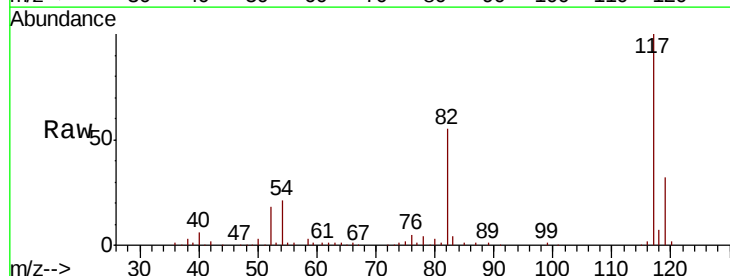


Abundance Ion 94.90 (94.60 to 95.60): VU026901.D (-2748) (-)
Ion 173.80 (173.50 to 174.50): VU026901.D (-2748) (-)
Ion 175.80 (175.50 to 176.50): VU026901.D (-2748) (-)

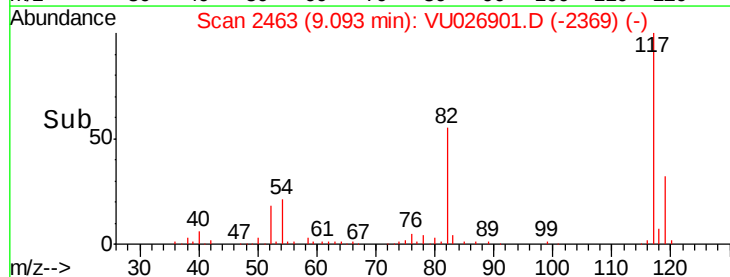
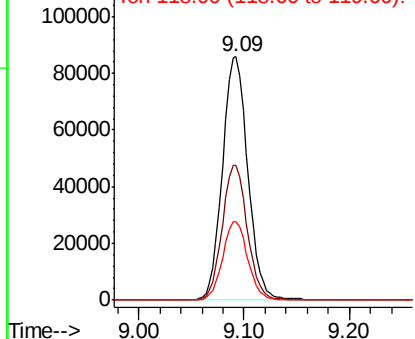


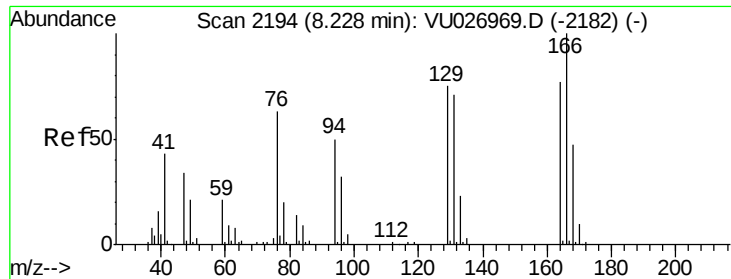
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Tgt Ion: 117 Resp: 143113
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 32.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VU026901.D (-2369) (-)
Ion 82.00 (81.70 to 82.70): VU026901.D (-2369) (-)
Ion 118.90 (118.60 to 119.60): VU026901.D (-2369) (-)

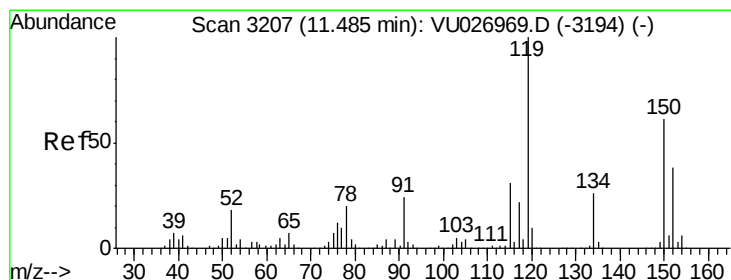
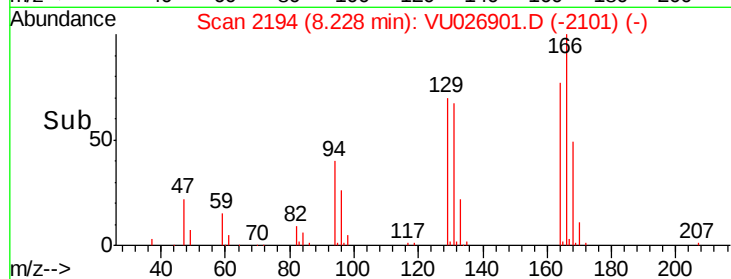
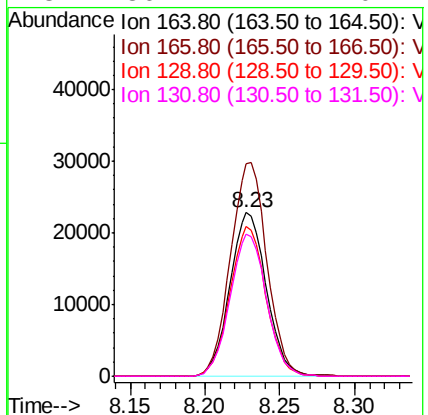
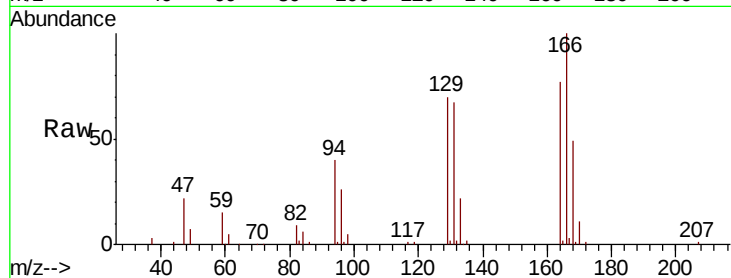




#64
Tetrachloroethene
Concen: 33.970 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW30311-20180912

Tot Ion:164 Resp: 38694
Ion Ratio Lower Upper
164 100
166 130.1 100.5 150.7
129 91.3 75.3 112.9
131 86.7 71.4 107.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026901.D
Acq: 19 Sep 2018 16:55

Tgt Ion:152 Resp: 76173
Ion Ratio Lower Upper
152 100
115 54.9 40.4 121.1
150 157.9 0.0 345.2

