

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027071.D
 Acq On : 23 Sep 2018 14:56
 Operator : MD/SY
 Sample : J4954-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 113 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ124-20180914

Quant Time: Sep 24 08:34:38 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

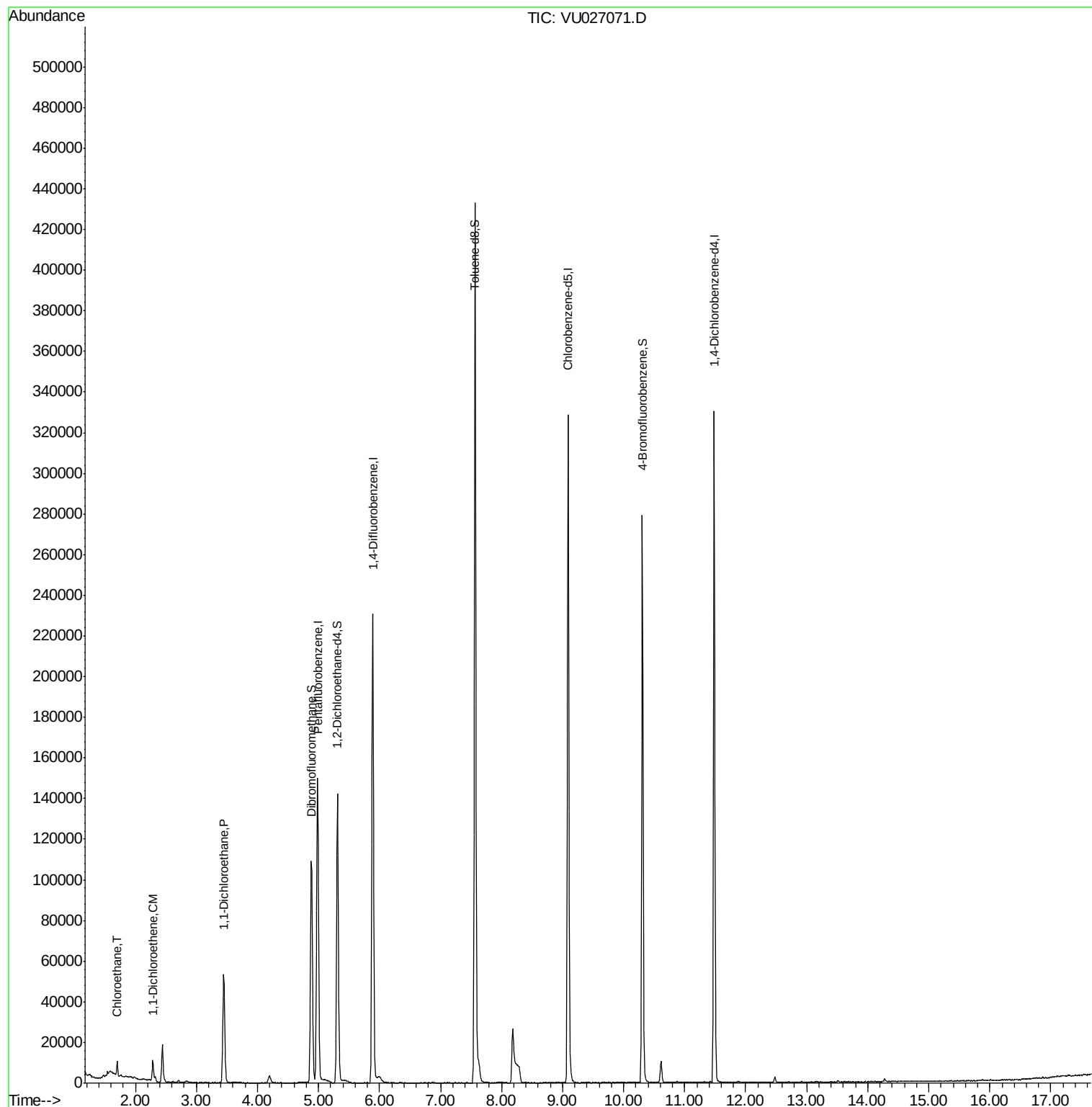
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	104840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	178135	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	110430	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	4.89	113	75492	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	7.57	98	285831	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	10.31	95	92804	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
6) Chloroethane	1.70	64	4736	3.365	ug/l	96
12) 1,1-Dichloroethene	2.29	96	2960	2.044	ug/l	95
24) 1,1-Dichloroethane	3.45	63	59913	17.317	ug/l	98

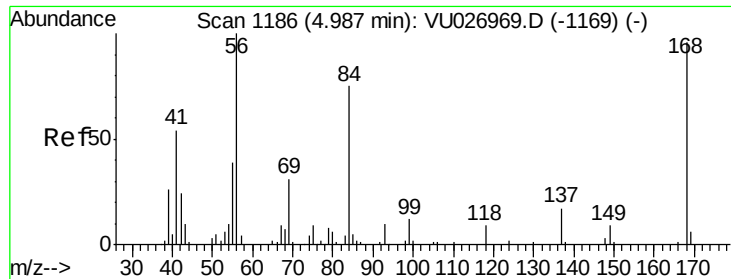
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027071.D

Acq: 23 Sep 2018 14:56

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MSVOA_U

ClientSampleId :

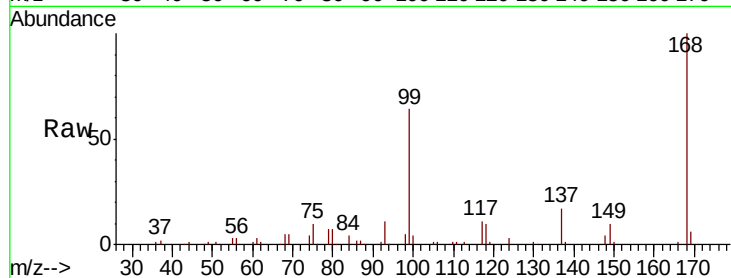
SA-PZ124-20180914

Tot Ion:168 Resp: 104840

Ion Ratio Lower Upper

168 100

99 63.7 48.1 72.1



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

50000

40000

30000

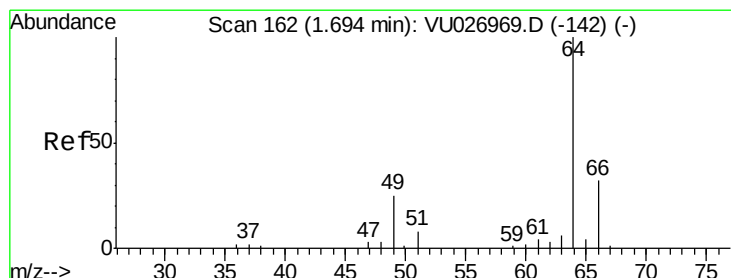
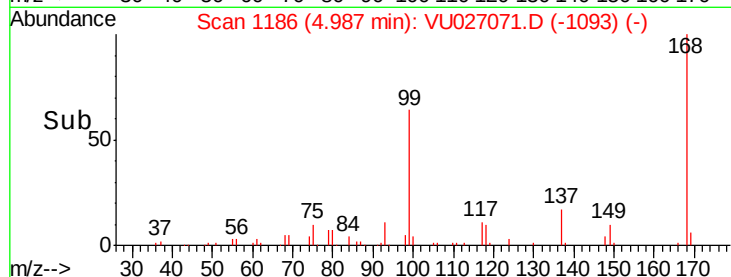
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#6

Chloroethane

Concen: 3.365 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU027071.D

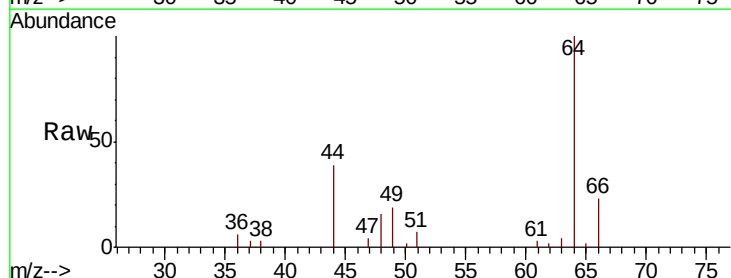
Acq: 23 Sep 2018 14:56

Tgt Ion: 64 Resp: 4736

Ion Ratio Lower Upper

64 100

66 29.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

5000

4000

3000

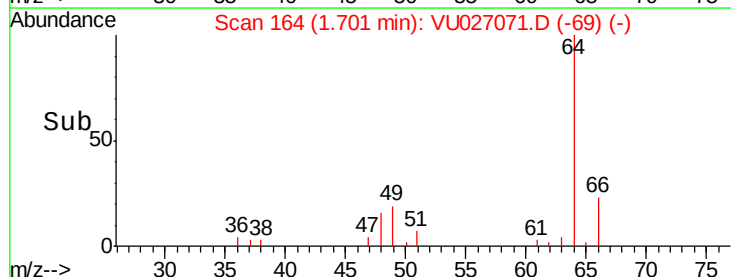
2000

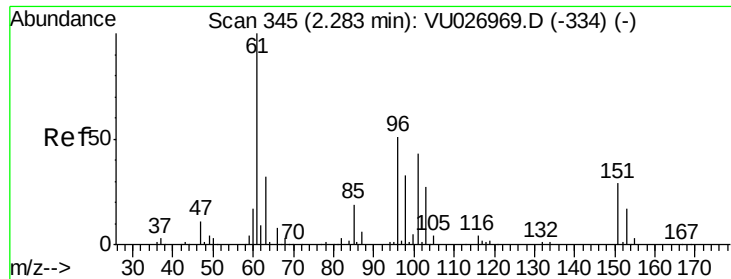
1000

0

1.66 1.68 1.70 1.72 1.74

Time-->





#12

1,1-Dichloroethene

Concen: 2.044 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027071.D

Acq: 23 Sep 2018 14:56

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ124-20180914

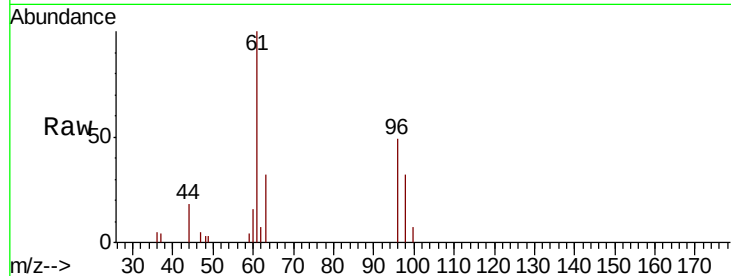
Tot Ion: 96 Resp: 2960

Ion Ratio Lower Upper

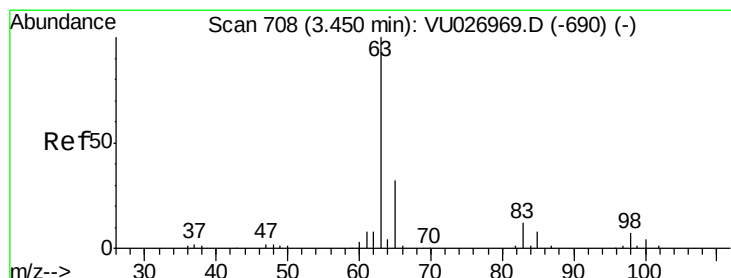
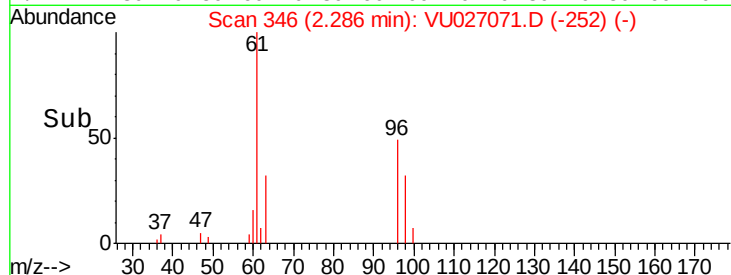
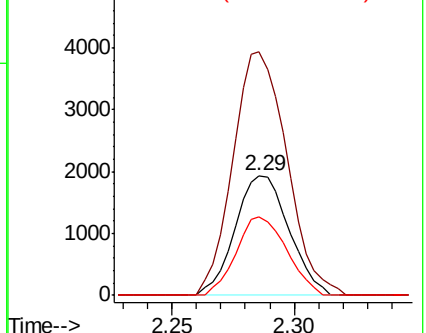
96 100

61 203.0 156.1 234.1

98 65.9 51.4 77.0



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



#24

1,1-Dichloroethane

Concen: 17.317 ug/l

RT: 3.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: VU027071.D

Acq: 23 Sep 2018 14:56

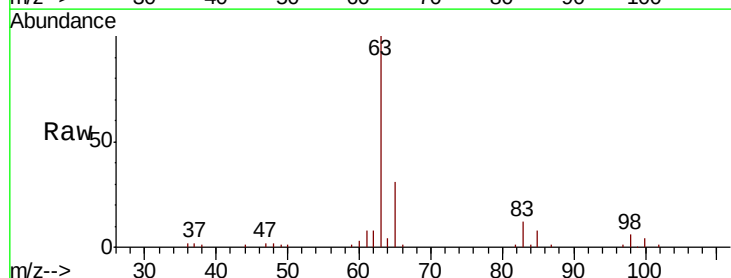
Tgt Ion: 63 Resp: 59913

Ion Ratio Lower Upper

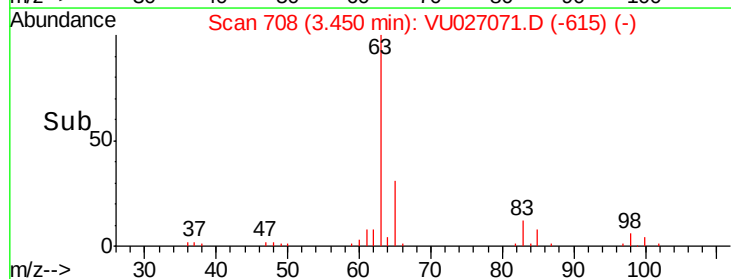
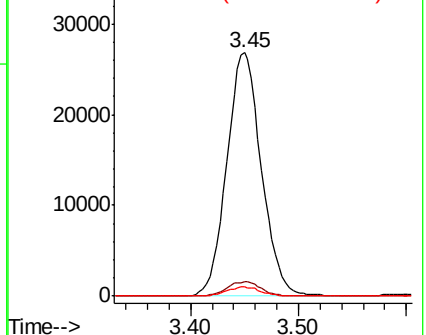
63 100

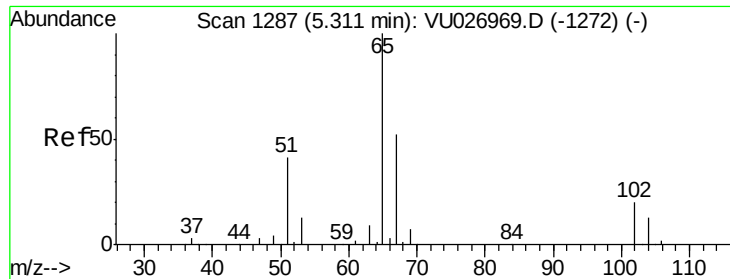
98 5.8 3.3 9.8

100 3.7 2.0 5.8



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

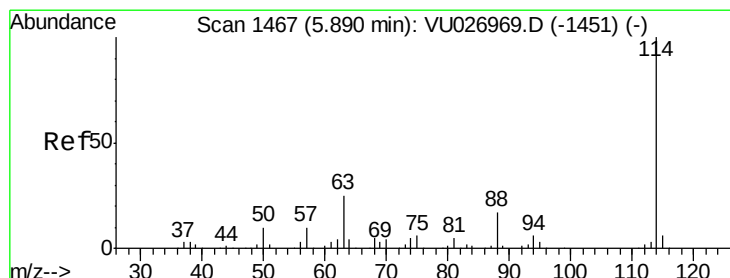
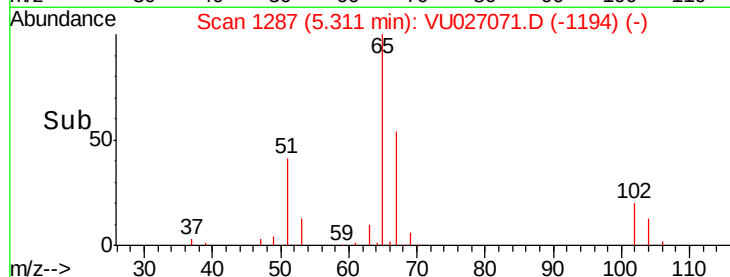
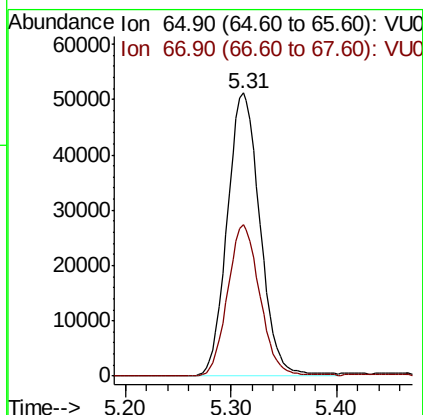
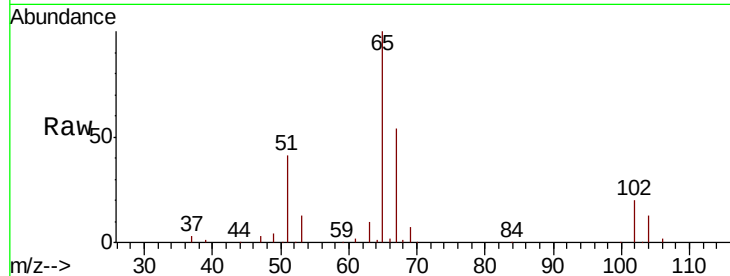




#33
 1,2-Dichloroethane-d4
 Concen: 52.335 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027071.D
 Acq: 23 Sep 2018 14:56

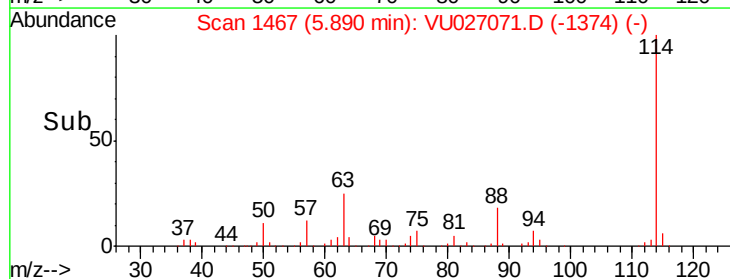
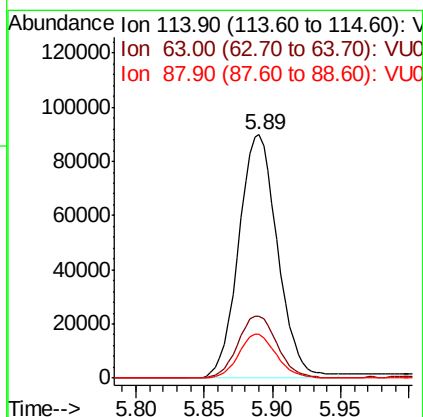
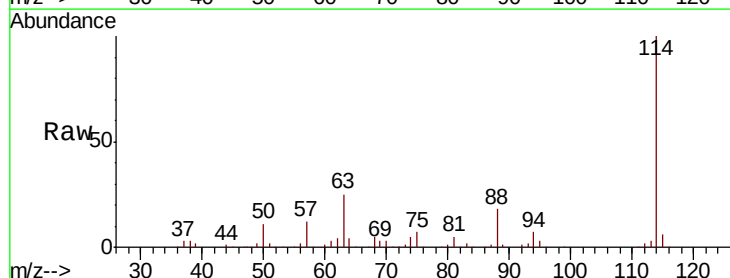
Instrument :
 MSVOA_U
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 SA-PZ124-20180914

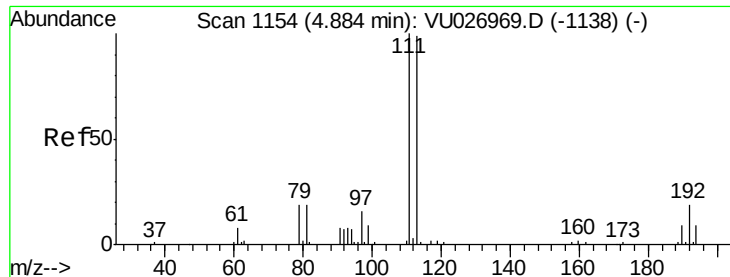
Tot Ion: 65 Resp: 110430
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027071.D
 Acq: 23 Sep 2018 14:56

Tgt Ion: 114 Resp: 178135
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 17.9 0.0 33.8

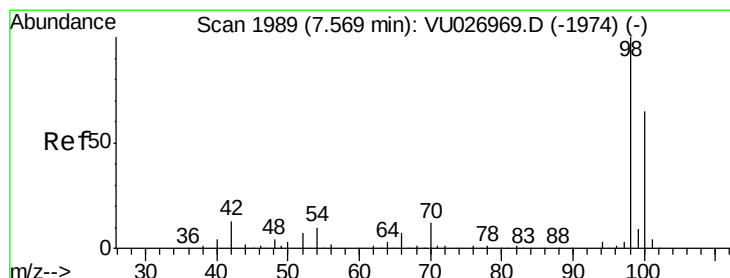
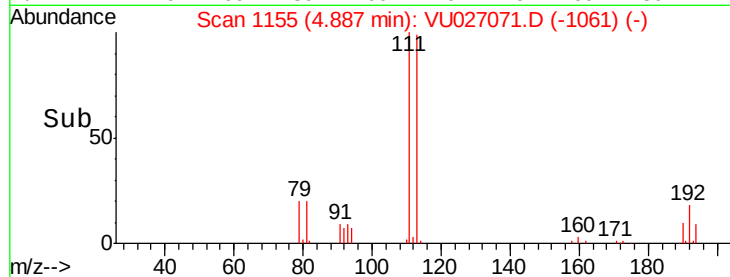
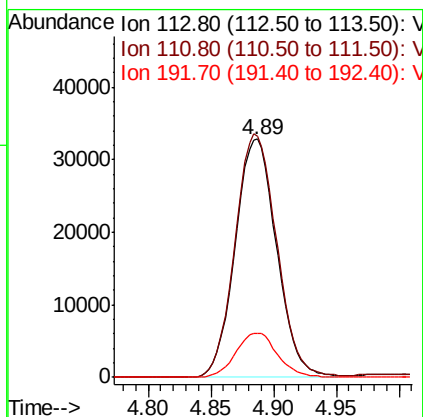
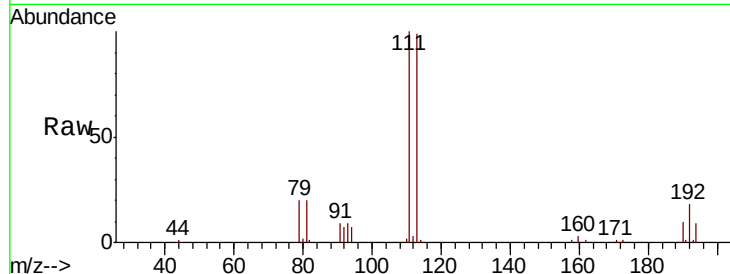




#35
 Dibromofluoromethane
 Concen: 48.891 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027071.D
 Acq: 23 Sep 2018 14:56

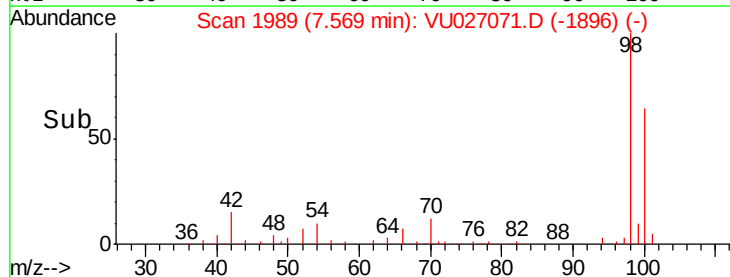
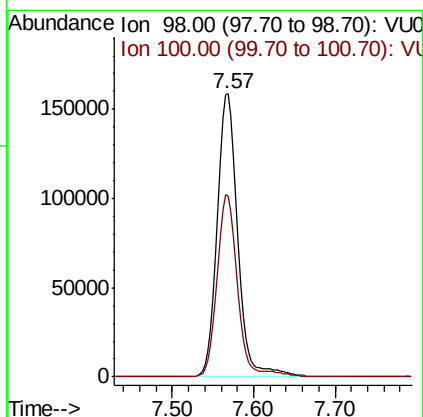
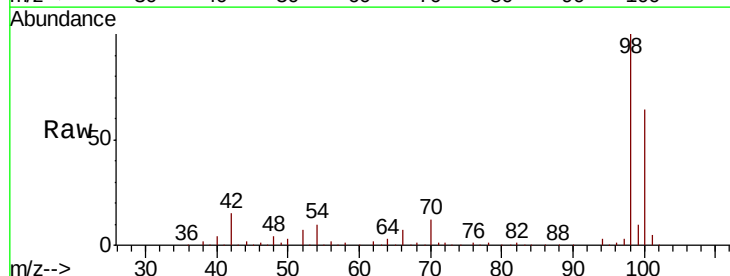
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ124-20180914

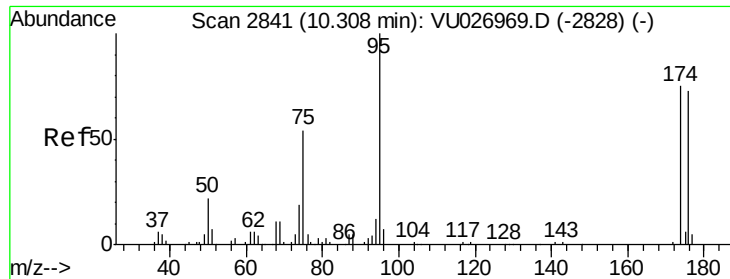
Tot Ion:113 Resp: 75492
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 18.6 15.2 22.8



#50
 Toluene-d8
 Concen: 48.573 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027071.D
 Acq: 23 Sep 2018 14:56

Tgt Ion: 98 Resp: 285831
 Ion Ratio Lower Upper
 98 100
 100 62.1 52.1 78.1

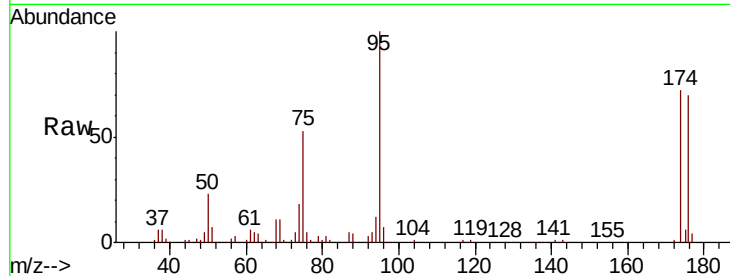




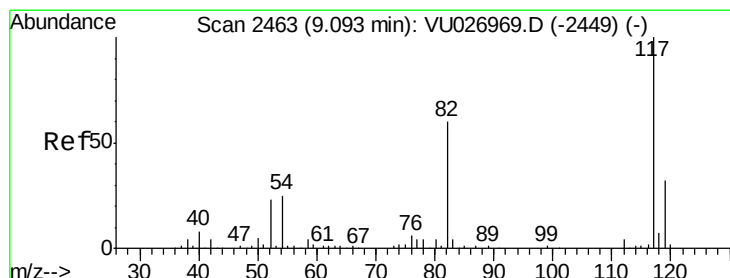
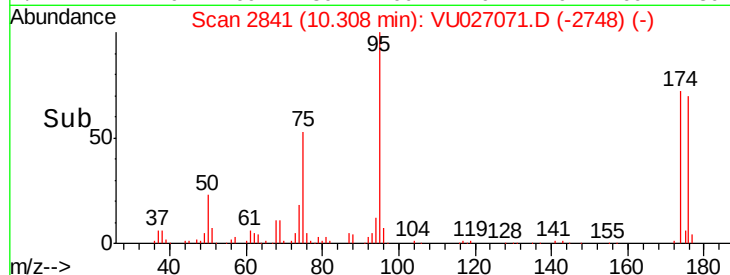
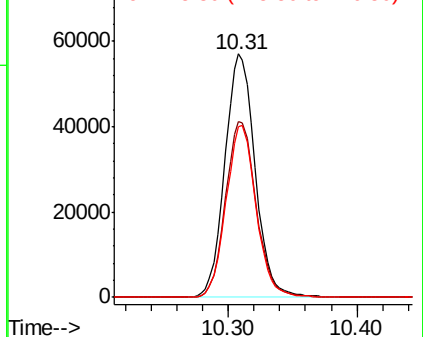
#62
4-Bromofluorobenzene
Concen: 45.961 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027071.D
Acq: 23 Sep 2018 14:56

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ124-20180914

Tot Ion: 95 Resp: 92804
Ion Ratio Lower Upper
95 100
174 73.4 0.0 150.2
176 70.4 0.0 145.2

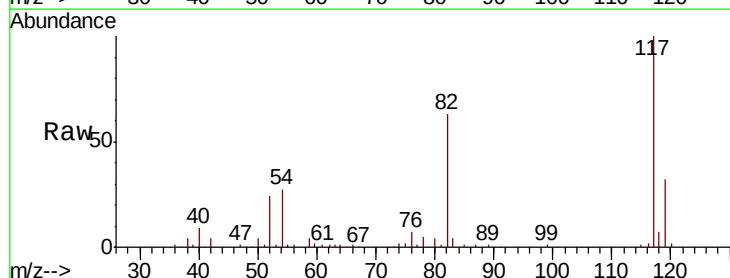


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

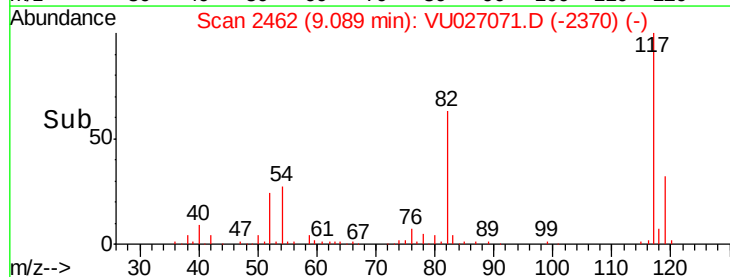
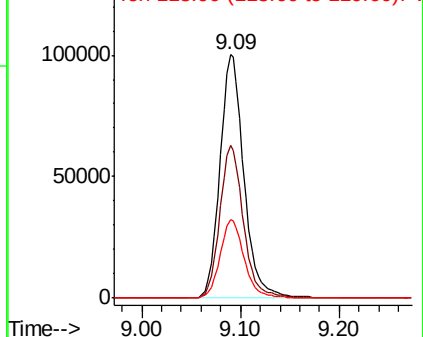


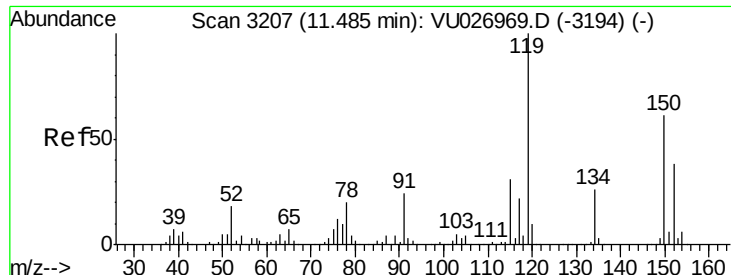
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027071.D
Acq: 23 Sep 2018 14:56

Tgt Ion: 117 Resp: 170680
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 32.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027071.D

Acq: 23 Sep 2018 14:56

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ124-20180914

Tot Ion:152 Resp: 77224

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 161.3 0.0 355.8

