

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027050.D
 Acq On : 23 Sep 2018 05:20
 Operator : MD/SY
 Sample : J4963-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ123I-20180914

Quant Time: Sep 24 06:38:09 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

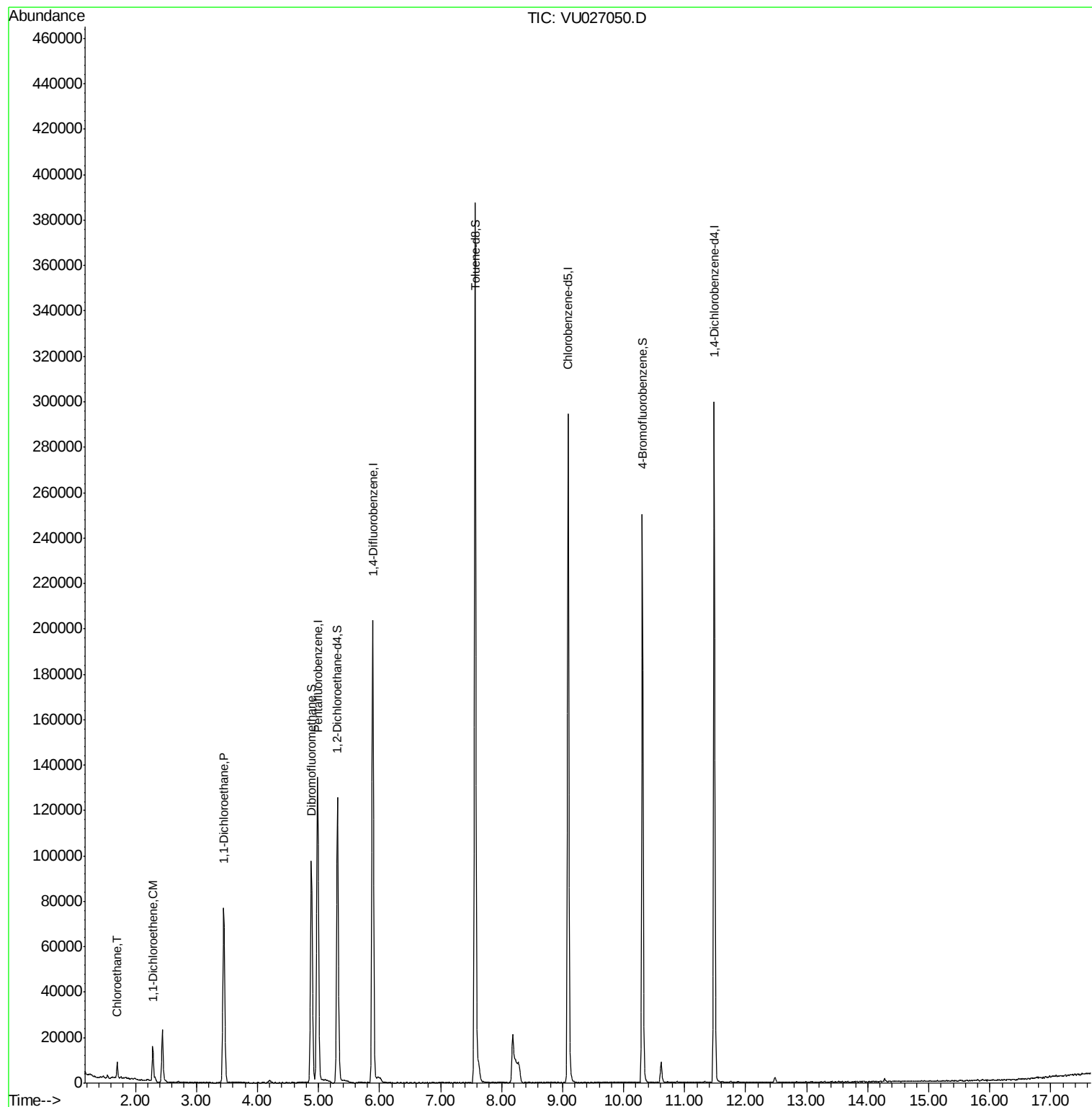
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	94043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157843	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96407	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	4.88	113	66817	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	7.57	98	254842	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	10.31	95	81624	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
6) Chloroethane	1.70	64	4385	3.473	ug/l	91
12) 1,1-Dichloroethene	2.29	96	4441	3.419	ug/l	93
24) 1,1-Dichloroethane	3.45	63	85105	27.423	ug/l	99

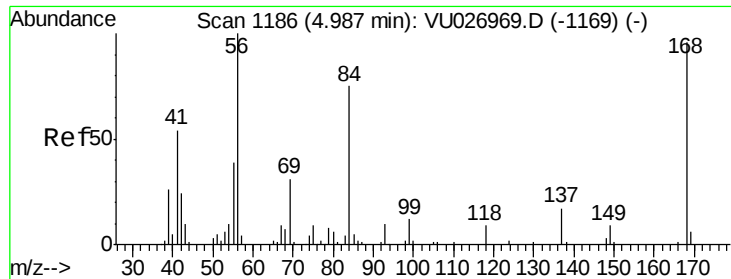
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027050.D

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MSVOA_U

ClientSampleId :

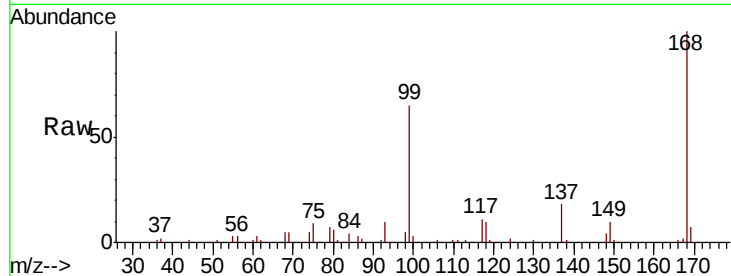
SA-PZ123I-20180914

Tot Ion:168 Resp: 94043

Ion Ratio Lower Upper

168 100

99 65.2 48.1 72.1



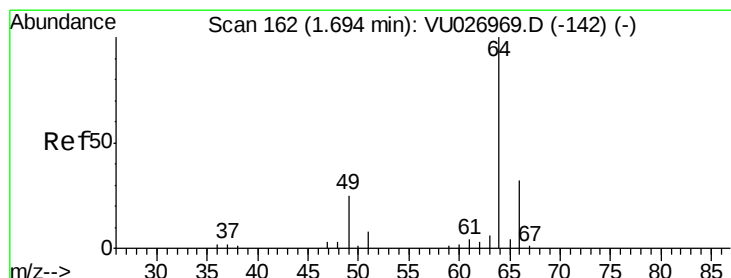
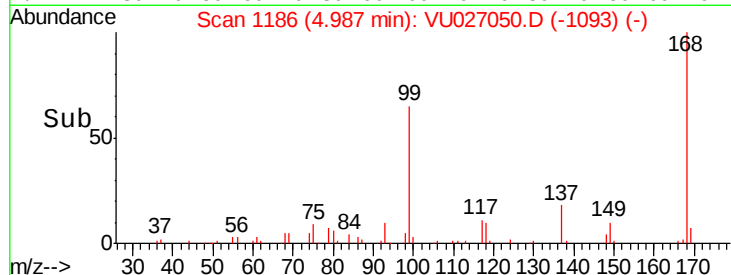
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 3.473 ug/l

RT: 1.70 min Scan# 162

Delta R.T. 0.01 min

Lab File: VU027050.D

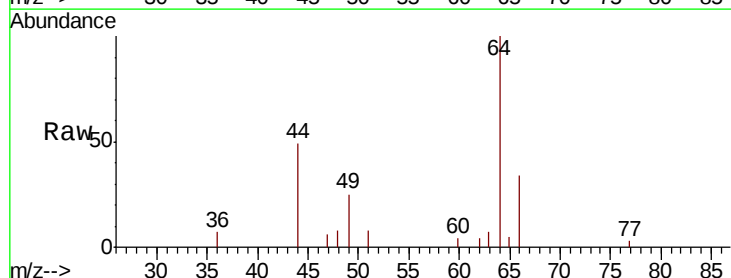
Acq: 23 Sep 2018 05:20

Tgt Ion: 64 Resp: 4385

Ion Ratio Lower Upper

64 100

66 36.6 25.3 37.9



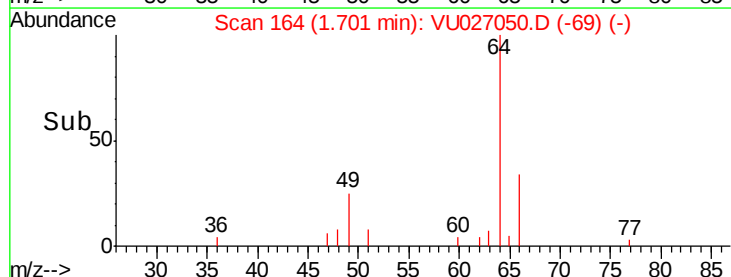
Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

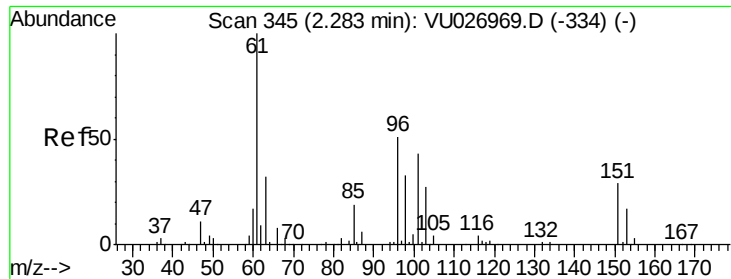
Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

1.65 1.70 1.75

Time-->





#12

1,1-Dichloroethene

Concen: 3.419 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027050.D

Acq: 23 Sep 2018 05:20

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ123I-20180914

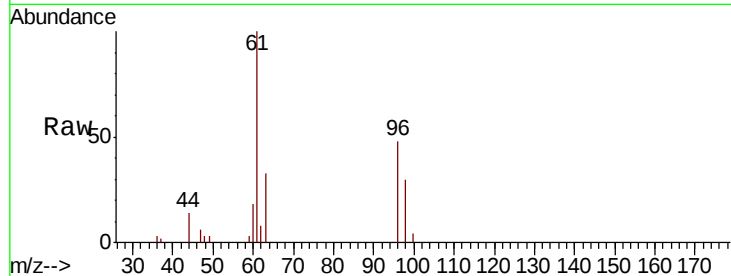
Tot Ion: 96 Resp: 4441

Ion Ratio Lower Upper

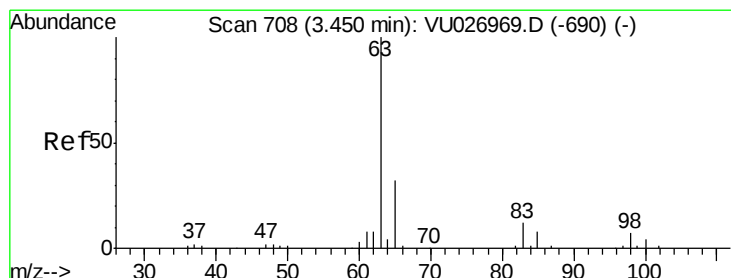
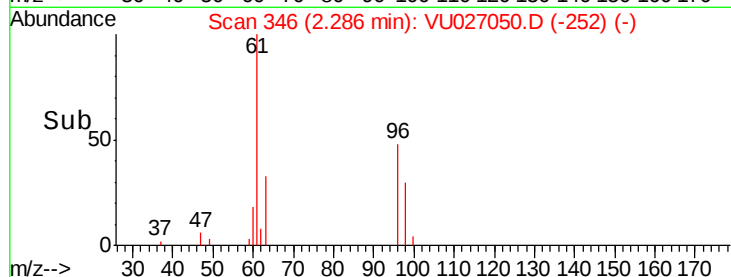
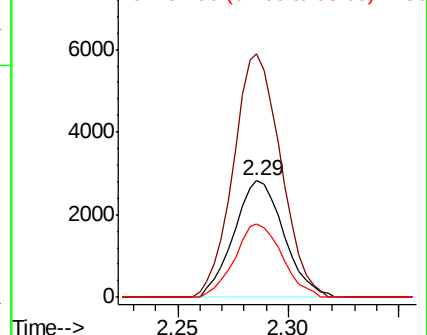
96 100

61 208.5 156.1 234.1

98 63.3 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: 27.423 ug/l

RT: 3.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: VU027050.D

Acq: 23 Sep 2018 05:20

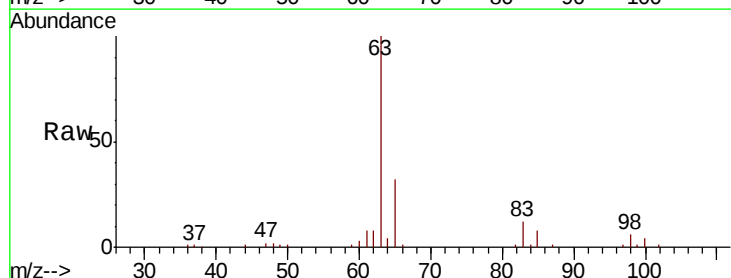
Tgt Ion: 63 Resp: 85105

Ion Ratio Lower Upper

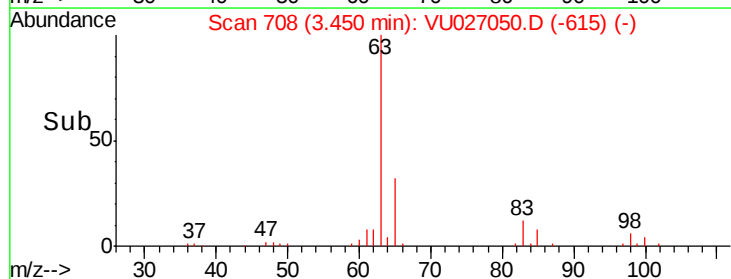
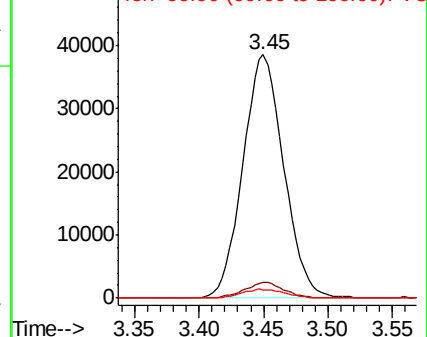
63 100

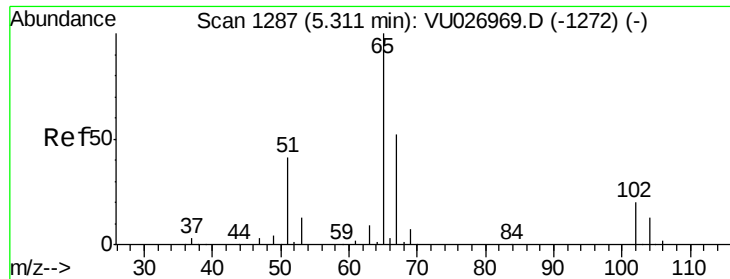
98 6.3 3.3 9.8

100 3.6 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

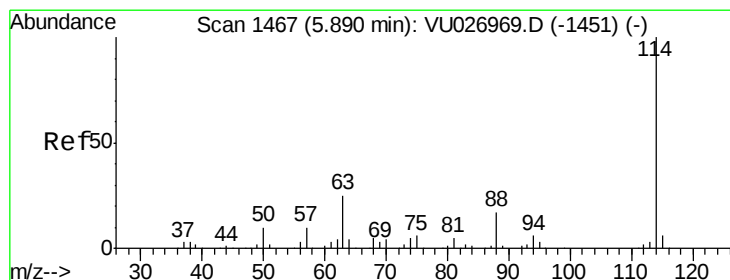
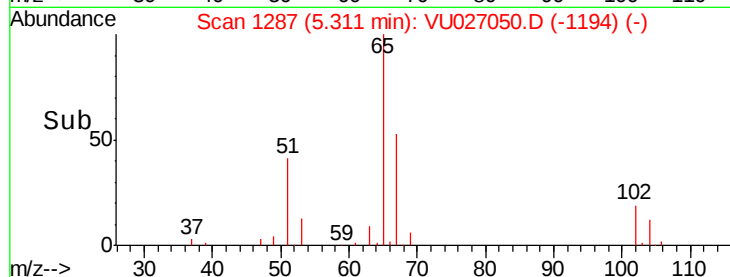
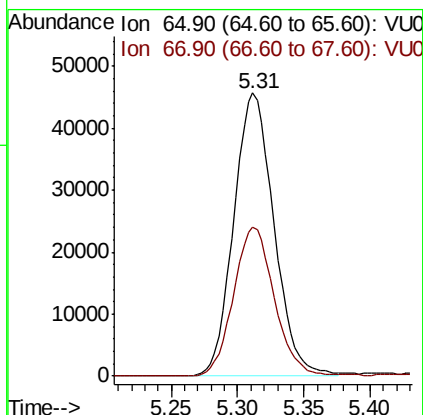
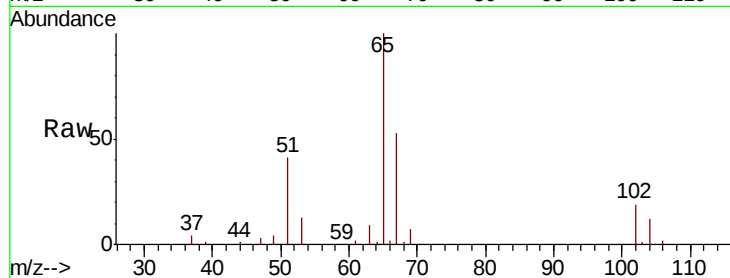




#33
 1,2-Dichloroethane-d4
 Concen: 50.934 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027050.D
 Acq: 23 Sep 2018 05:20

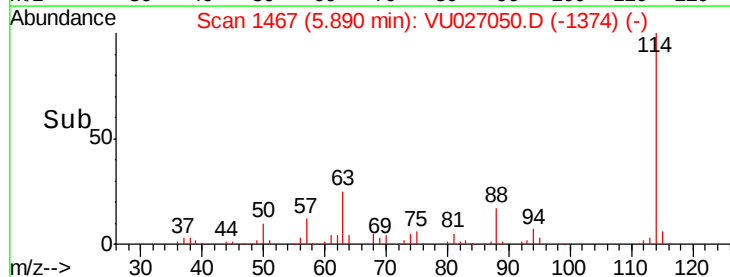
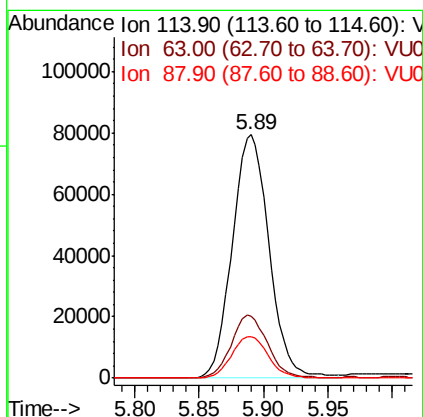
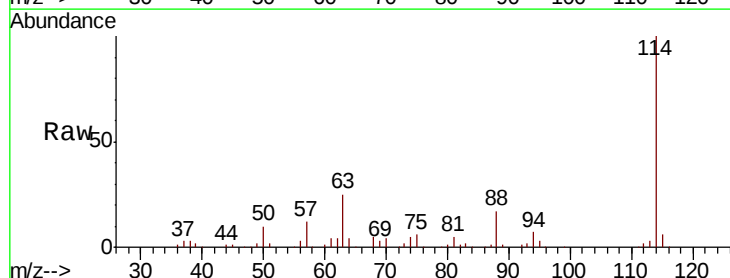
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ123I-20180914

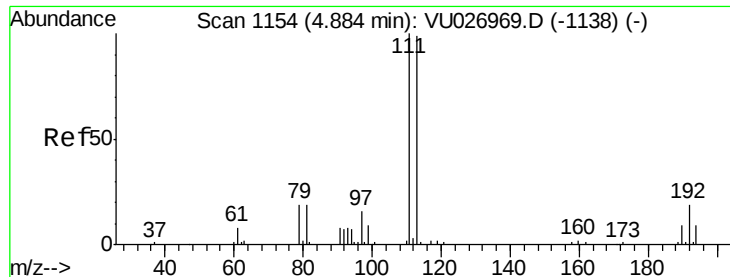
Tot Ion: 65 Resp: 96407
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027050.D
 Acq: 23 Sep 2018 05:20

Tgt Ion: 114 Resp: 157843
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.0 0.0 33.8

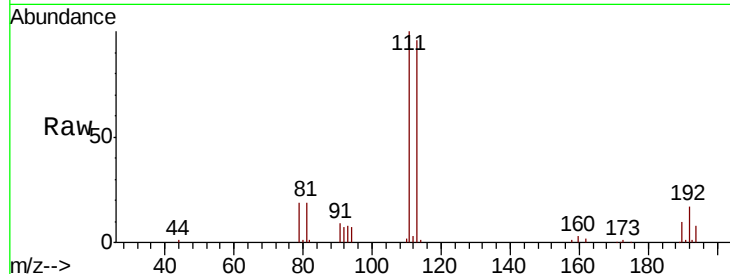




#35
 Dibromofluoromethane
 Concen: 48.836 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027050.D
 Acq: 23 Sep 2018 05:20

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ123I-20180914

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	18.3	15.2	22.8

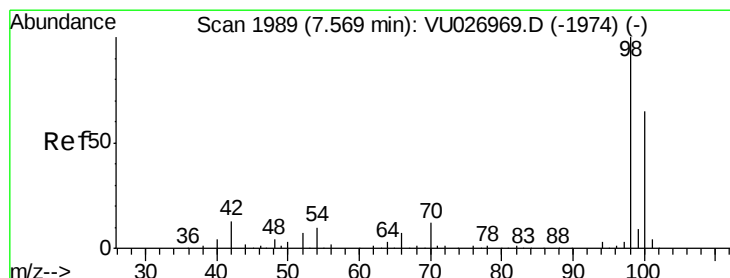
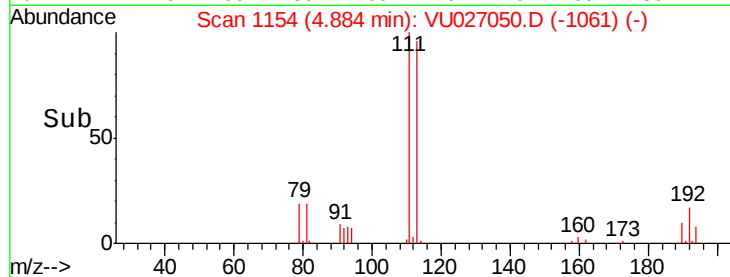
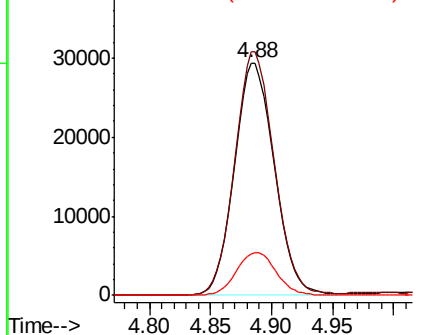


Abundance

Ion 112.80 (112.50 to 113.50): V

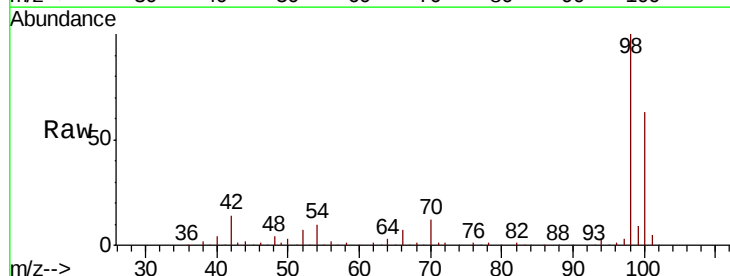
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 48.874 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VU027050.D
 Acq: 23 Sep 2018 05:20

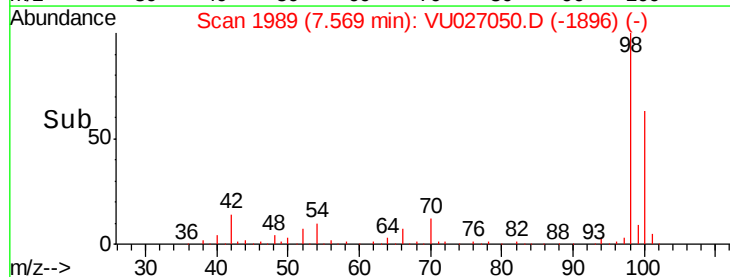
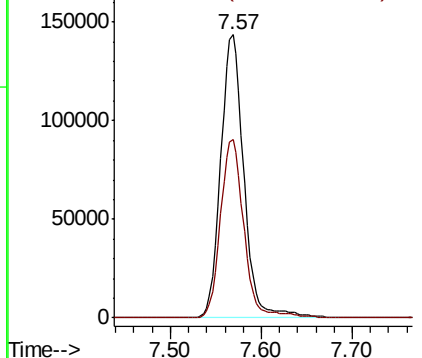
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1

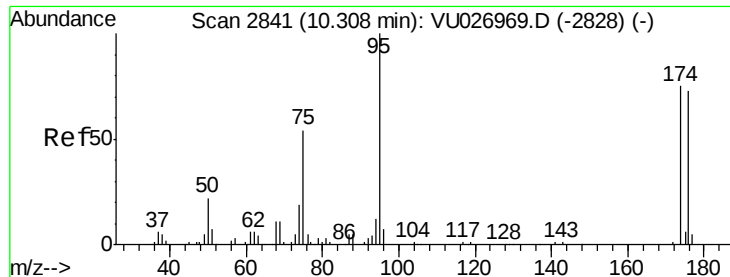


Abundance

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027050.D

Acq: 23 Sep 2018 05:20

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ123I-20180914

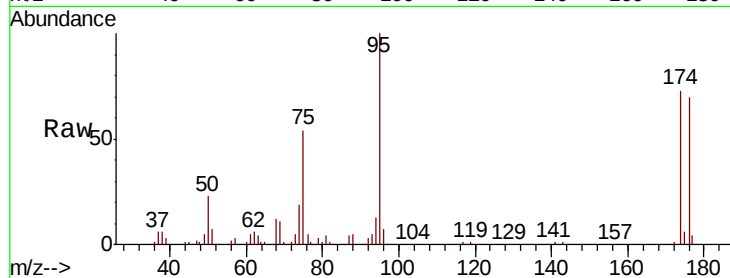
Tot Ion: 95 Resp: 81624

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.2

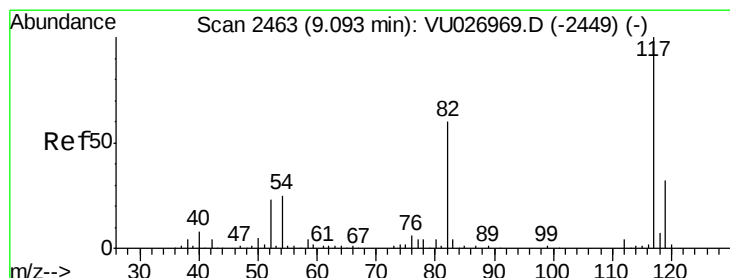
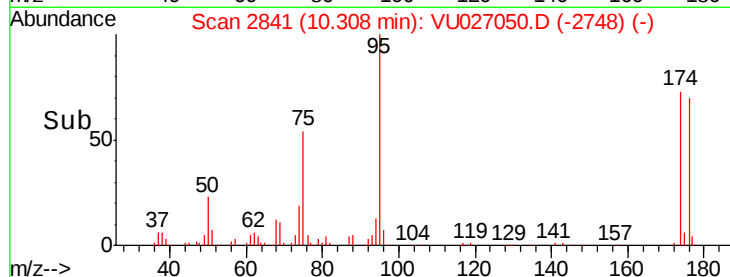
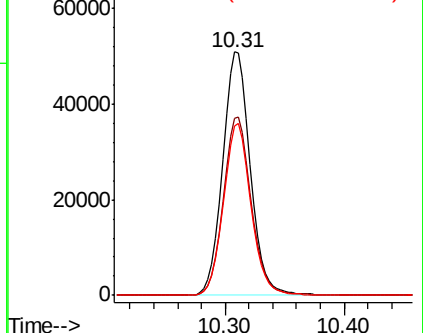
176 70.6 0.0 145.2



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: VU027050.D

Acq: 23 Sep 2018 05:20

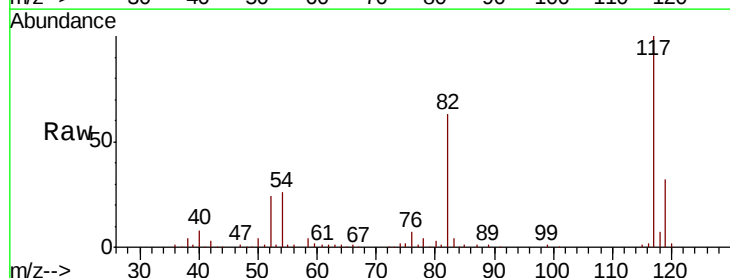
Tgt Ion: 117 Resp: 152160

Ion Ratio Lower Upper

117 100

82 62.6 48.0 72.0

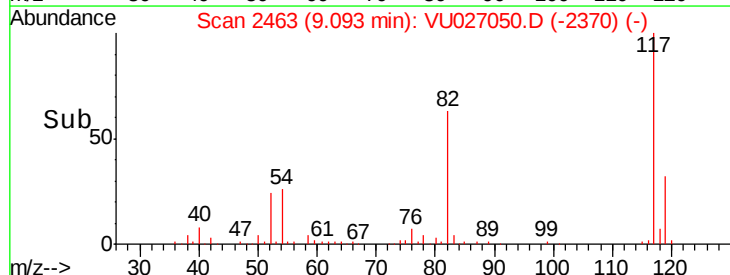
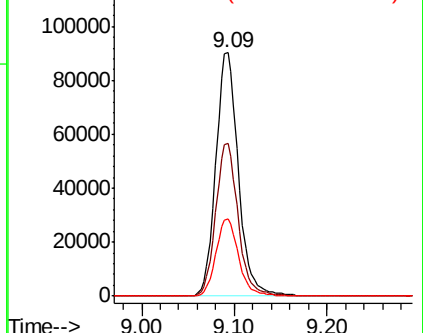
119 31.7 25.8 38.8

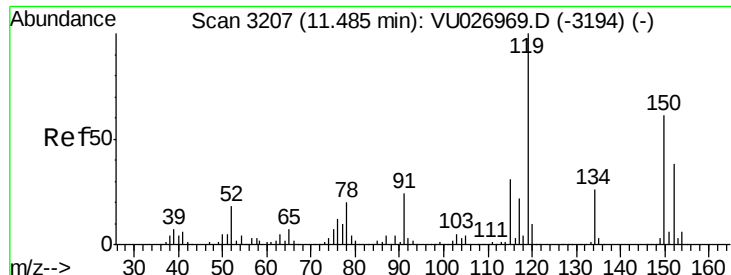


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027050.D
 Acq: 23 Sep 2018 05:20

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ123I-20180914

Tot Ion:152 Resp: 70372
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 157.8 0.0 355.8

