

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027243.D
 Acq On : 27 Sep 2018 22:56
 Operator : MD/SY
 Sample : J5033-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BB-TT-DUP06-20180920

Quant Time: Sep 28 03:42:36 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	91064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160990	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97290	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	4.88	113	67834	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	7.57	98	248407	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
62) 4-Bromofluorobenzene	10.31	95	79486	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
					Qvalue	
16) Acetone	2.32	43	371	Below Cal	#	44
31) Cyclohexane	4.99	56	2351	0.289	ug/l #	7
36) 1,1-Dichloropropene	4.99	75	8548	3.978	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9602	4.696	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1147	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43418	20.750	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	43418	66.405	ug/l #	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027243.D

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Instrument :

MSVOA_U

ClientSampleId :

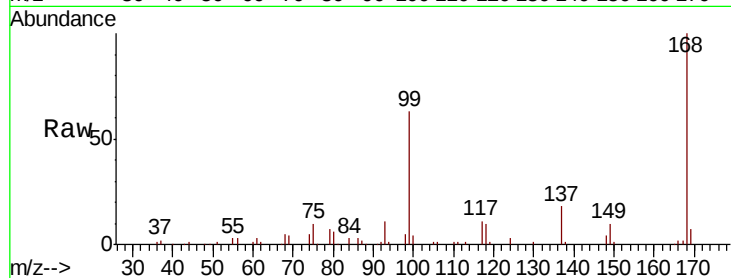
BB-TT-DUP06-20180920

Tot Ion:168 Resp: 91064

Ion Ratio Lower Upper

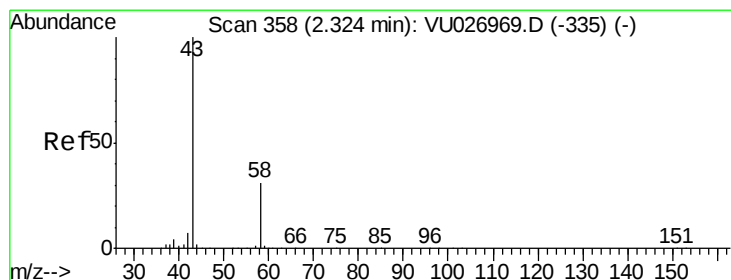
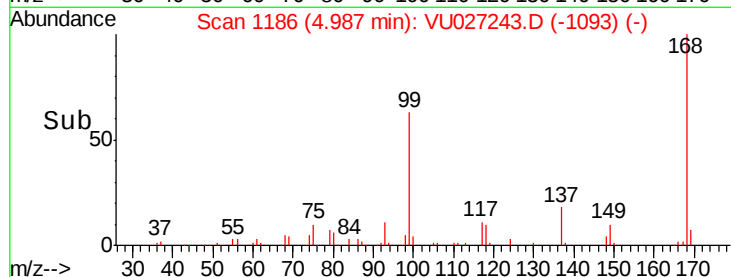
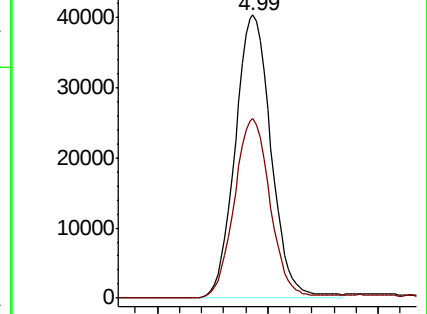
168 100

99 63.3 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) (-)



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027243.D

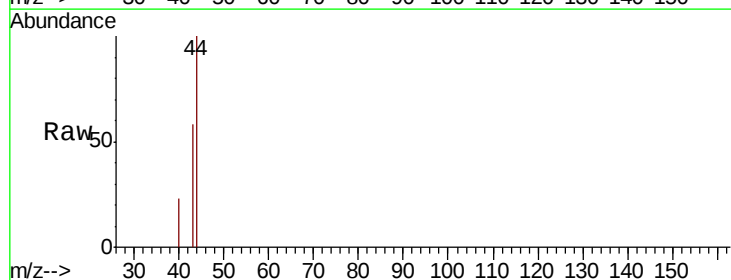
Acq: 27 Sep 2018 22:56

Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

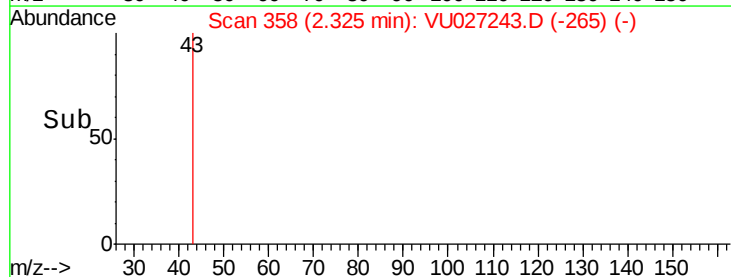
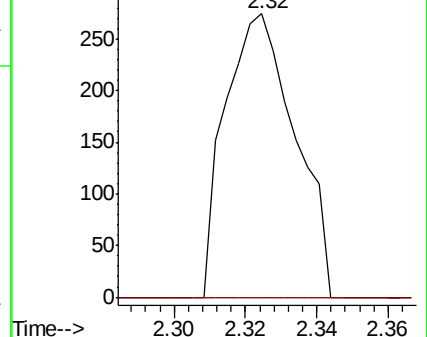
43 100

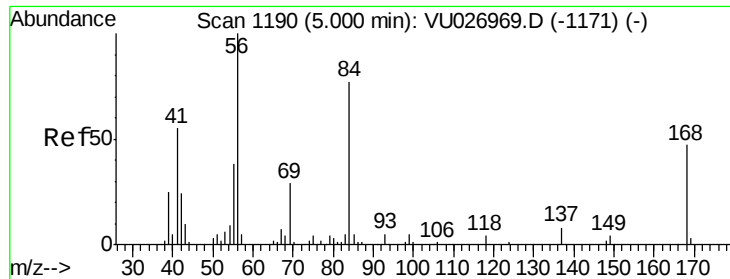
58 0.0 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

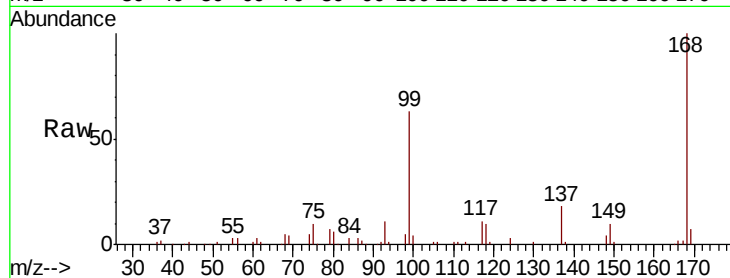




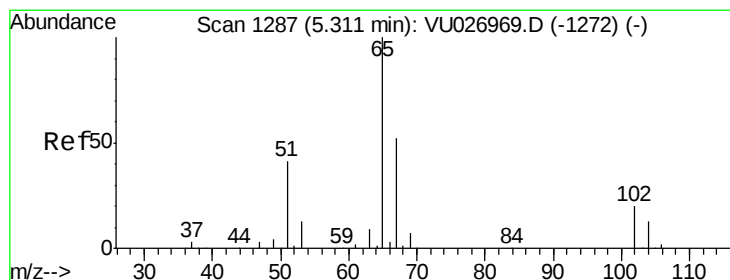
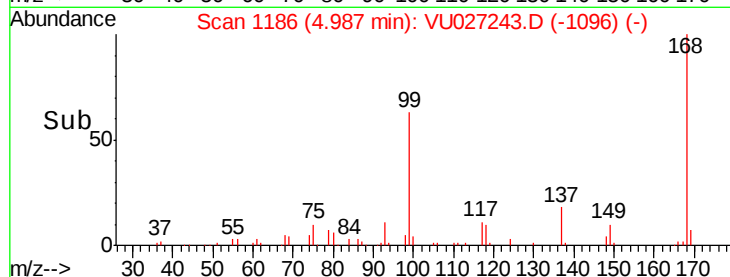
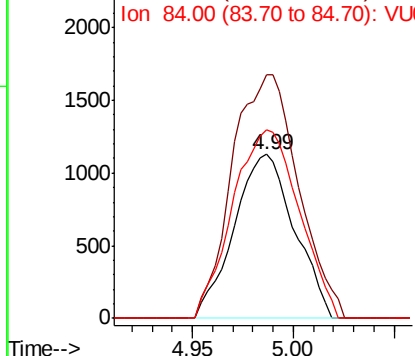
#31
Cyclohexane
Concen: 0.289 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027243.D
Acq: 27 Sep 2018 22:56

Instrument :
MSVOA_U
ClientSampleId :
BB-TT-DUP06-20180920

Tot Ion: 56 Resp: 2351
Ion Ratio Lower Upper
56 100
69 148.2 23.0 34.4#
84 114.9 61.4 92.2#

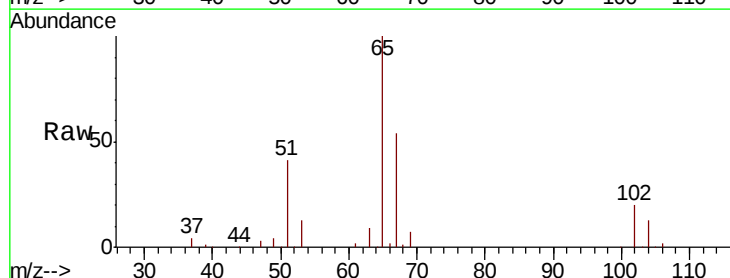


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

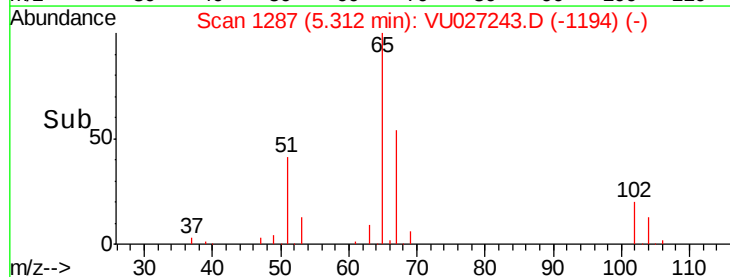
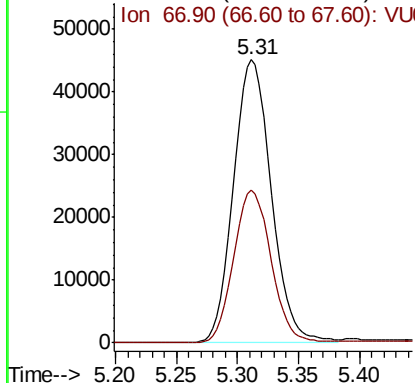


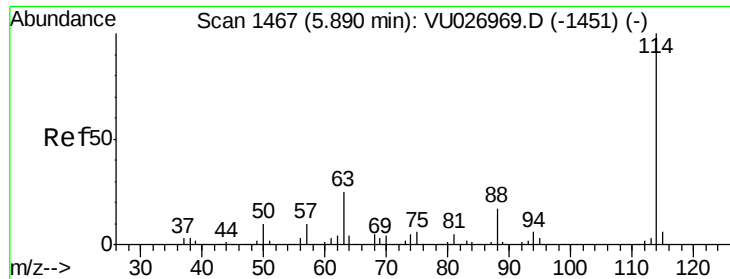
#33
1,2-Dichloroethane-d4
Concen: 53.082 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027243.D
Acq: 27 Sep 2018 22:56

Tgt Ion: 65 Resp: 97290
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.6



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

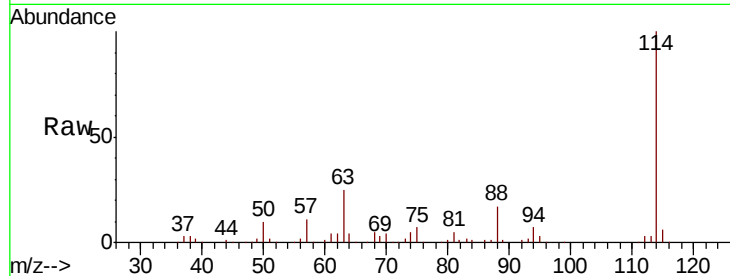




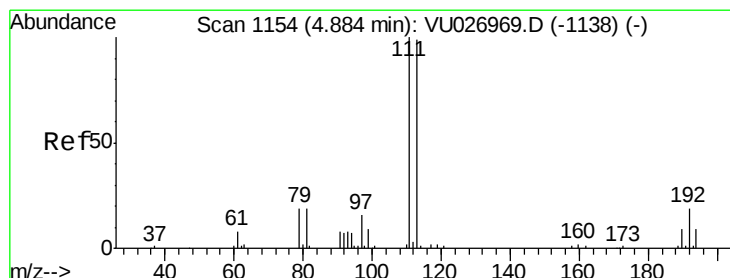
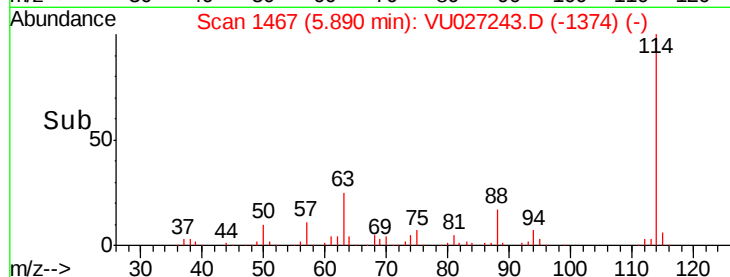
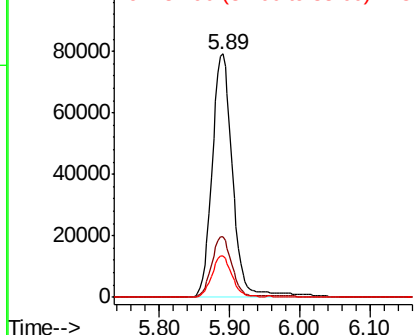
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027243.D
 Acq: 27 Sep 2018 22:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BB-TT-DUP06-20180920

Tot Ion:114 Resp: 160990
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.0 0.0 33.8

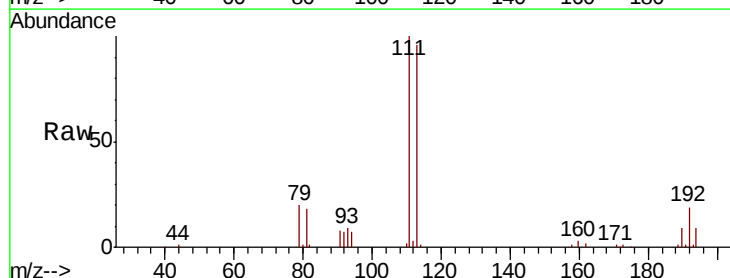


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

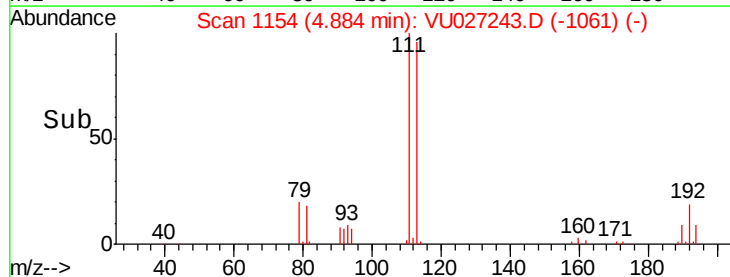
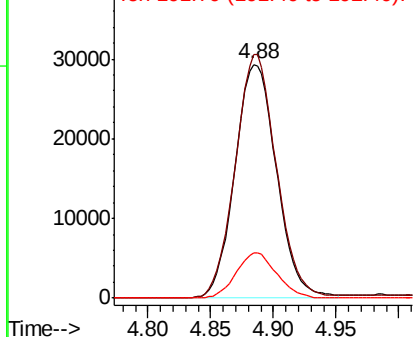


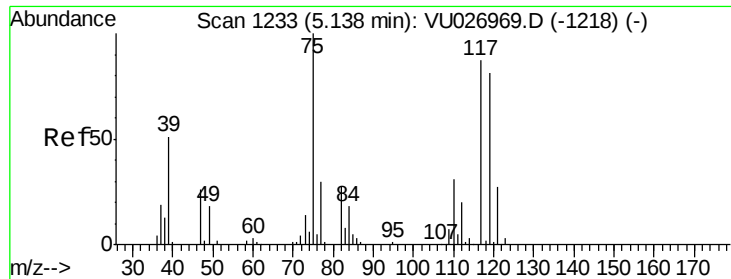
#35
 Dibromofluoromethane
 Concen: 48.610 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027243.D
 Acq: 27 Sep 2018 22:56

Tgt Ion:113 Resp: 67834
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 18.9 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

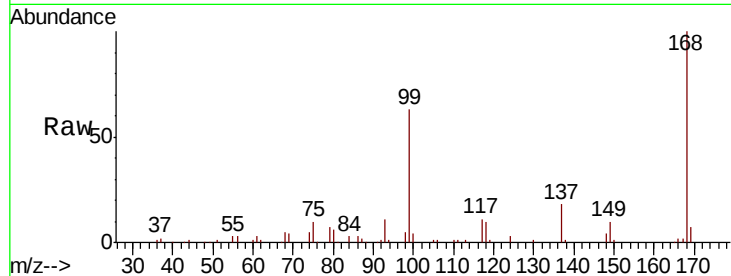




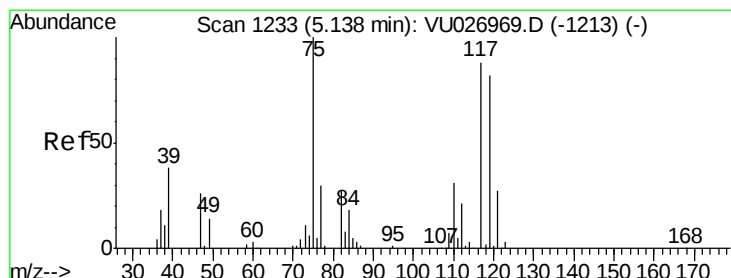
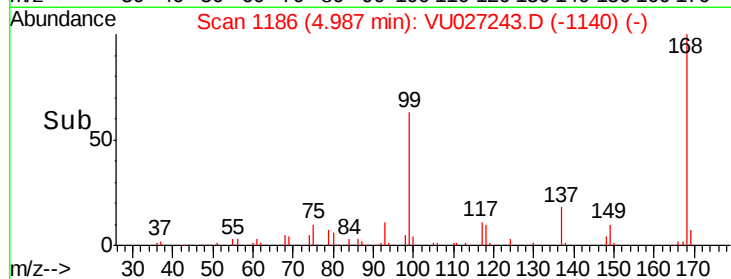
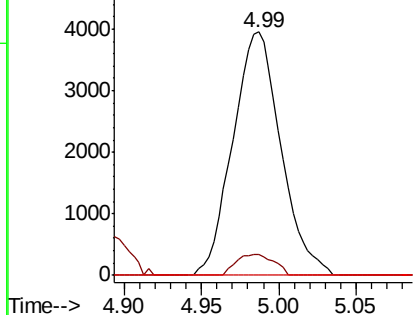
#36
 1,1-Dichloropropene
 Concen: 3.978 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027243.D
 Acq: 27 Sep 2018 22:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BB-TT-DUP06-20180920

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.1	48.2#
77	0.0	24.6	36.8#

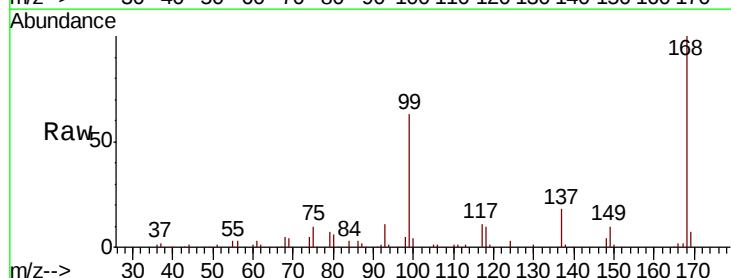


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

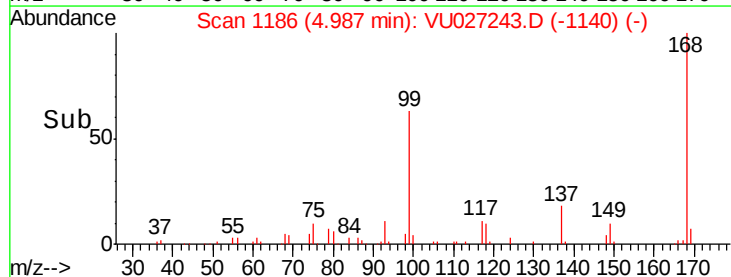
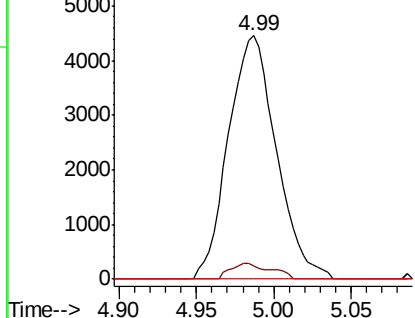


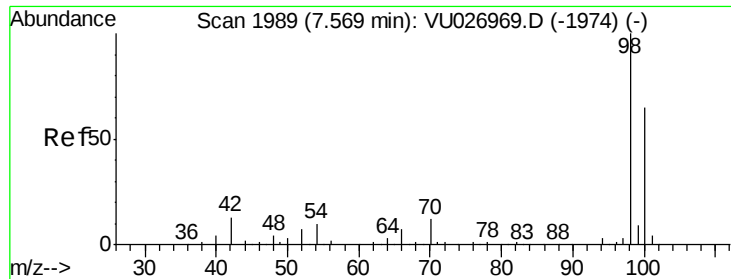
#38
 Carbon Tetrachloride
 Concen: 4.696 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027243.D
 Acq: 27 Sep 2018 22:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.4	111.6#
121	0.0	24.2	36.4#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

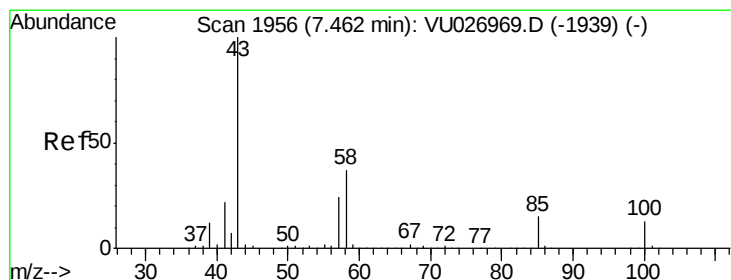
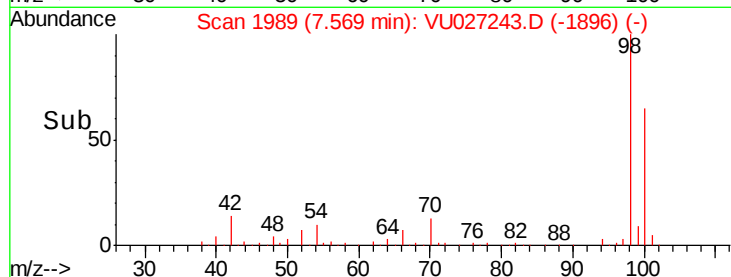
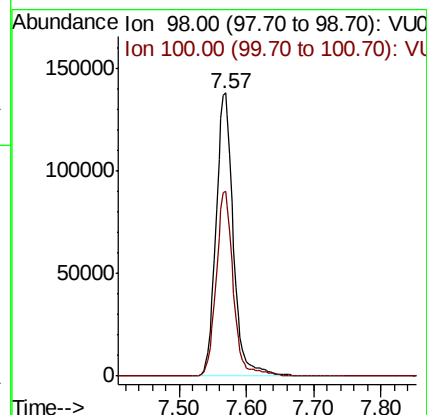
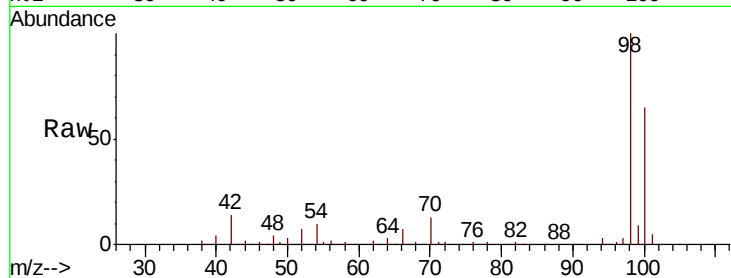




#50
Toluene-d8
Concen: 46.709 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027243.D
Acq: 27 Sep 2018 22:56

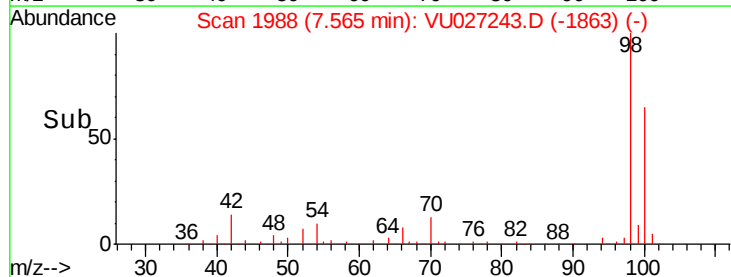
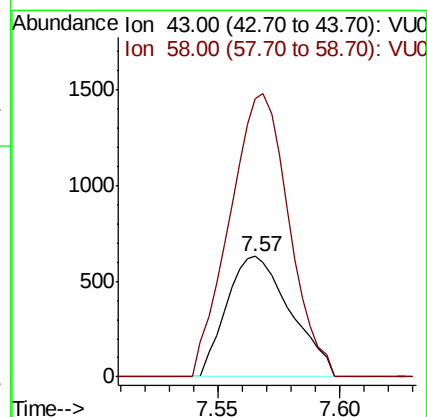
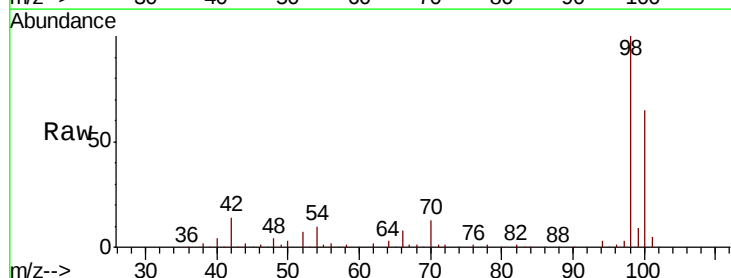
Instrument :
MSVOA_U
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BB-TT-DUP06-20180920

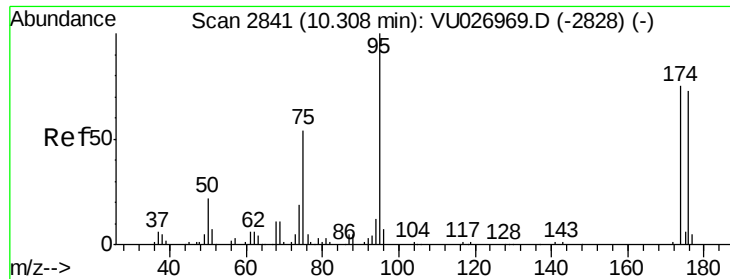
Tot Ion: 98 Resp: 248407
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.402 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027243.D
Acq: 27 Sep 2018 22:56

Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 217.5 29.8 44.6#





#62

4-Bromofluorobenzene

Concen: 43.558 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027243.D

Acq: 27 Sep 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

BB-TT-DUP06-20180920

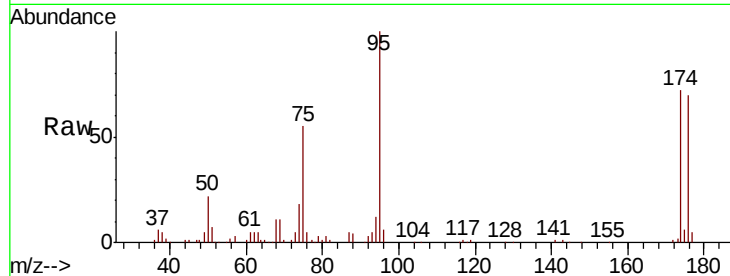
Tot Ion: 95 Resp: 79486

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

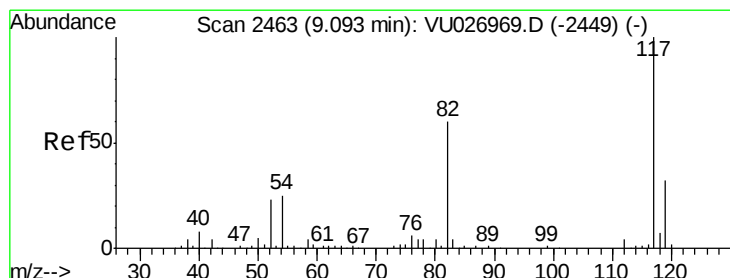
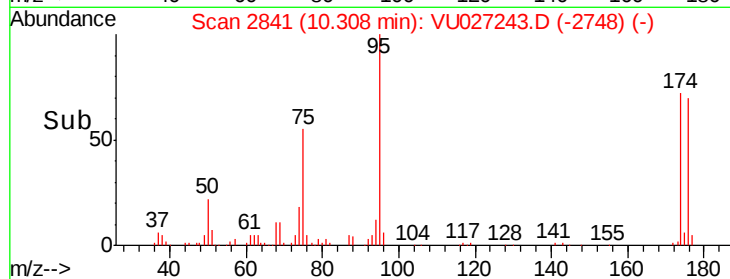
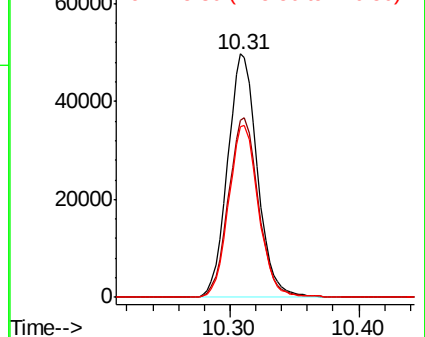
176 70.8 0.0 145.2



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: VU027243.D

Acq: 27 Sep 2018 22:56

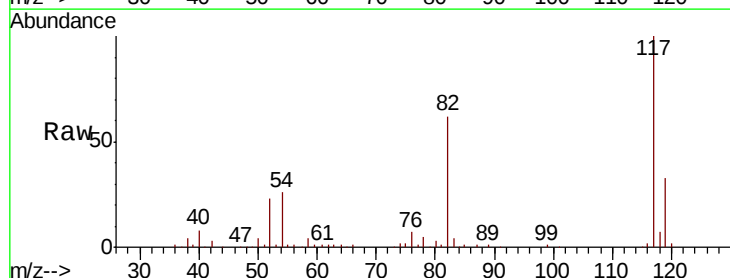
Tgt Ion: 117 Resp: 148969

Ion Ratio Lower Upper

117 100

82 61.7 48.0 72.0

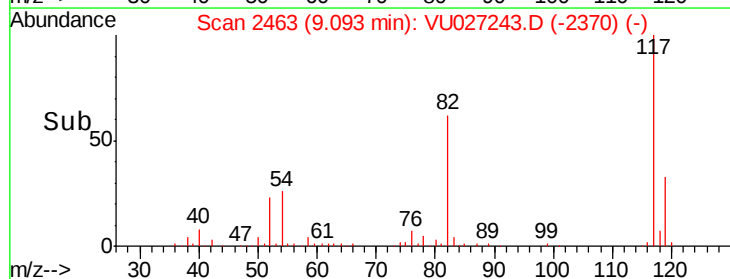
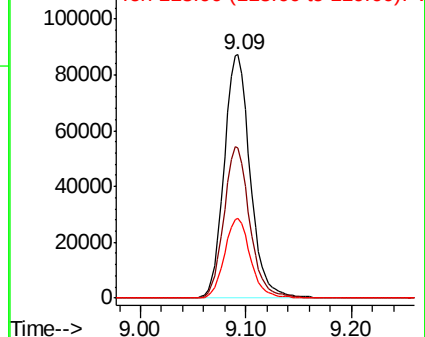
119 32.9 25.8 38.8

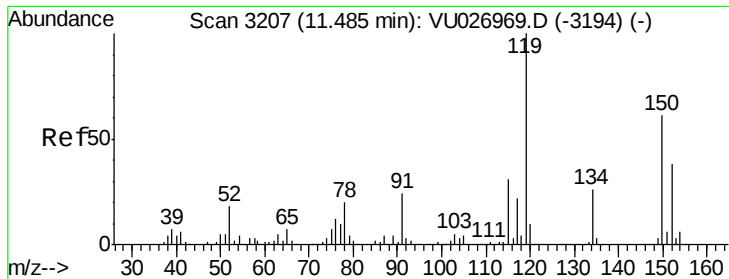


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027243.D

Acq: 27 Sep 2018 22:56

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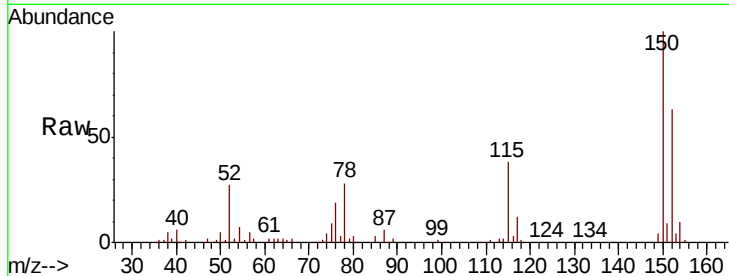
Tot Ion:152 Resp: 68875

Ion Ratio Lower Upper

152 100

115 59.9 44.9 134.5

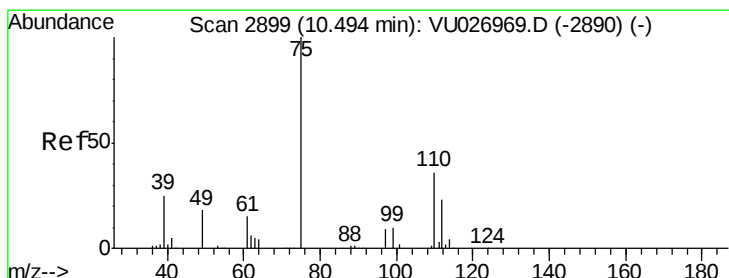
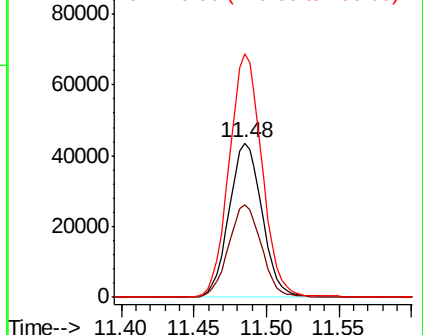
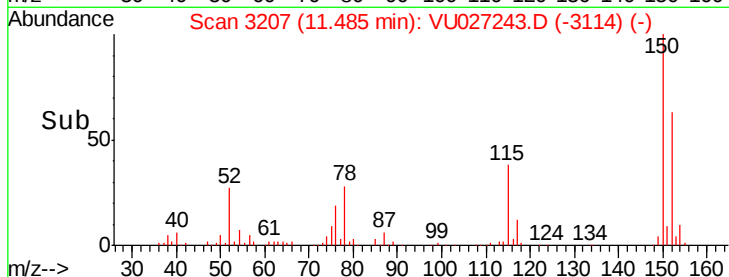
150 156.2 0.0 355.8



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



#76

1,2,3-Trichloropropane

Concen: 20.750 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027243.D

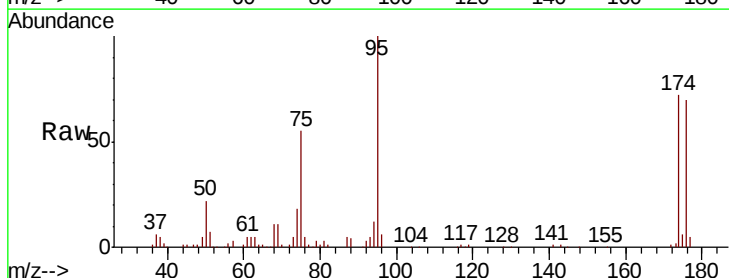
Acq: 27 Sep 2018 22:56

Tgt Ion: 75 Resp: 43418

Ion Ratio Lower Upper

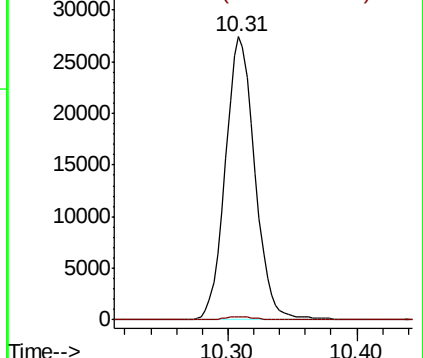
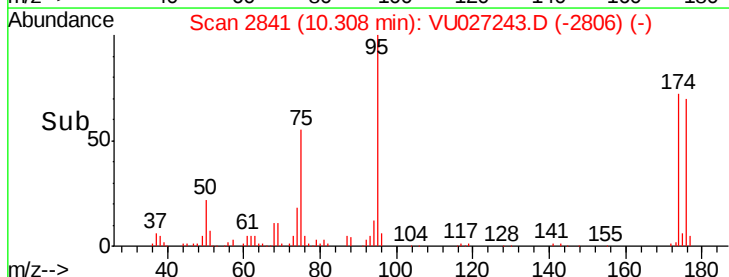
75 100

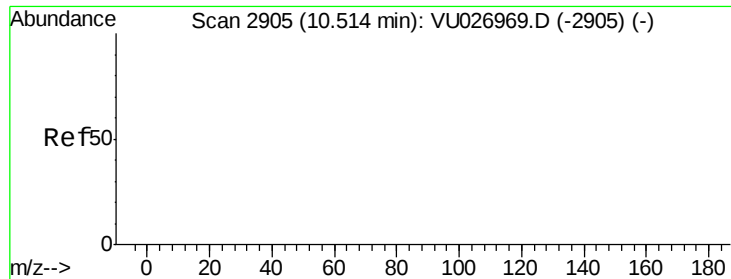
77 1.0 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81
trans-1,4-Dichloro-2-butene
Concen: 66.405 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027243.D
Acq: 27 Sep 2018 22:56

Instrument :
MSVOA_U
ClientSampleId :
BB-TT-DUP06-20180920

Tot Ion: 75 Resp: 43418
Ion Ratio Lower Upper
75 100
53 0.1 0.0 0.0#
89 0.0 0.0 0.0

