

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027287.D
 Acq On : 28 Sep 2018 22:04
 Operator : MD/SY
 Sample : J5149-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-2

Quant Time: Oct 01 01:31:04 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

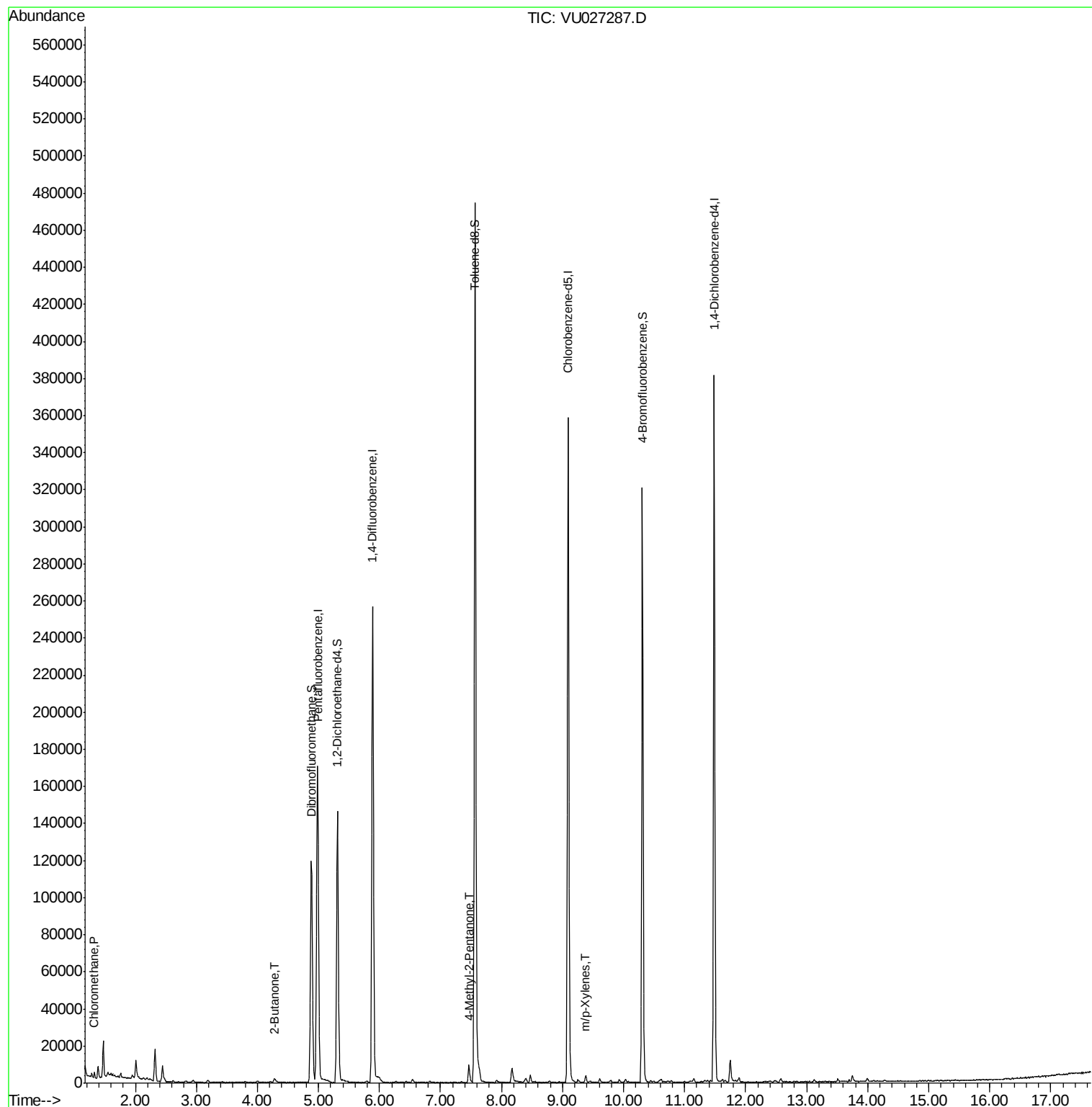
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	126049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	205134	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	113115	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
35) Dibromofluoromethane	4.88	113	81533	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	7.57	98	319003	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	10.31	95	106906	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
3) Chloromethane	1.33	50	2037	0.718	ug/l	92
25) 2-Butanone	4.29	43	4168	1.955	ug/l	94
51) 4-Methyl-2-Pentanone	7.47	43	7394	2.034	ug/l	99
68) m/p-Xylenes	9.38	106	1381	1.901	ug/l	96

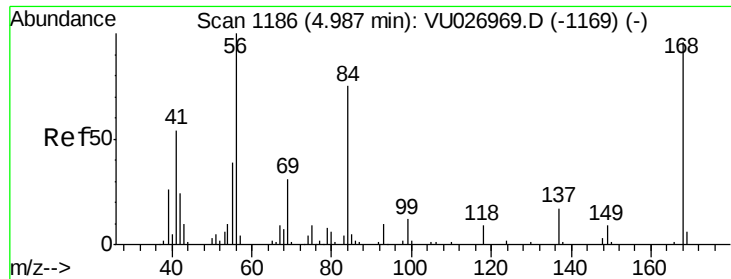
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027287.D

Acq: 28 Sep 2018 22:04

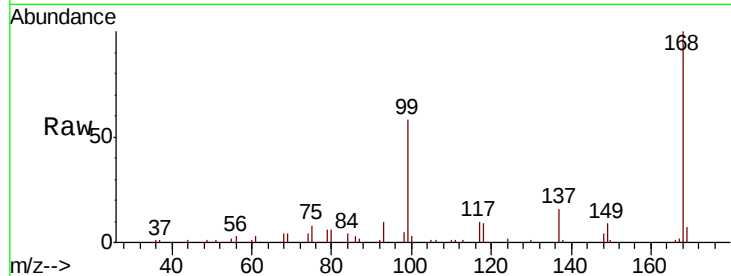
Instrument :
MSVOA_U
ClientSampleId :
WS-2

Tot Ion:168 Resp: 126049

Ion Ratio Lower Upper

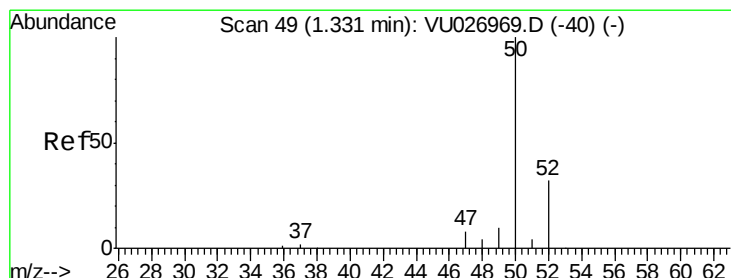
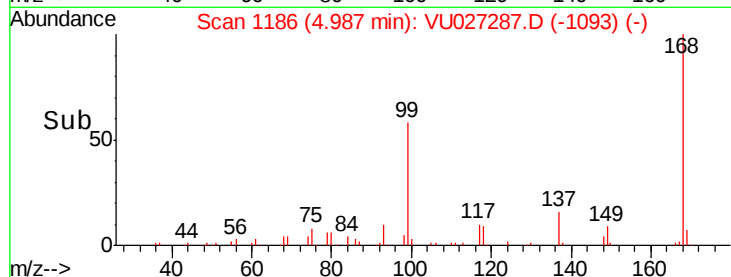
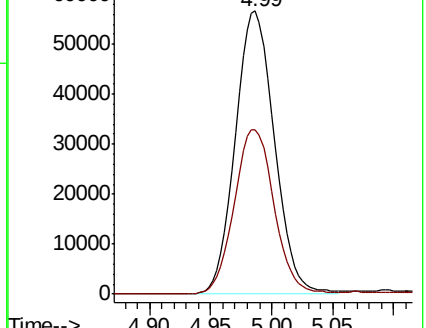
168 100

99 58.2 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) (-)



#3

Chloromethane

Concen: 0.718 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027287.D

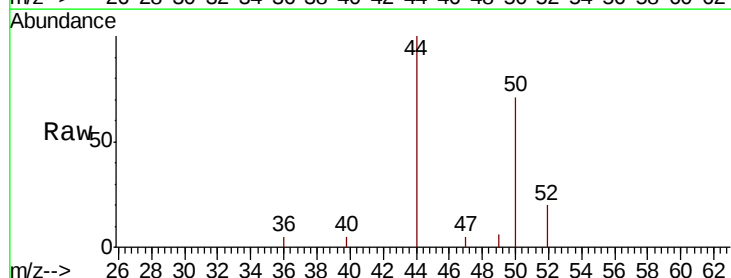
Acq: 28 Sep 2018 22:04

Tgt Ion: 50 Resp: 2037

Ion Ratio Lower Upper

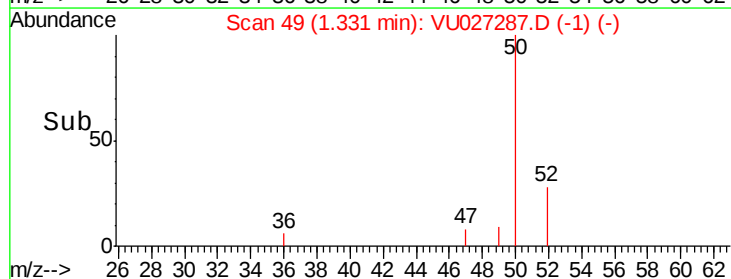
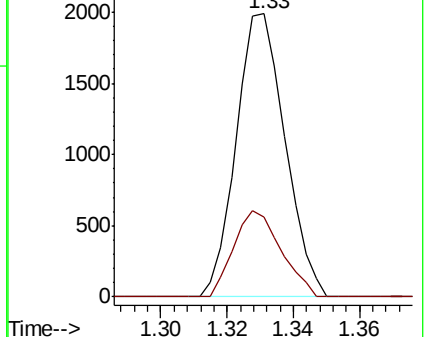
50 100

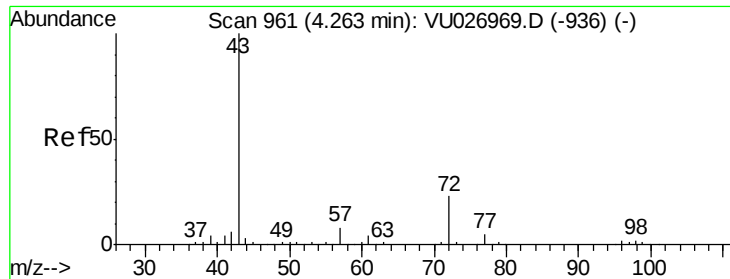
52 28.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU026969.D (-40) (-)





#25

2-Butanone

Concen: 1.955 ug/l

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU027287.D

Acq: 28 Sep 2018 22:04

Instrument :

MSVOA_U

ClientSampleId :

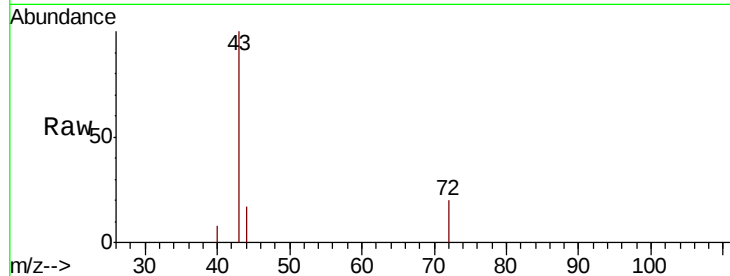
WS-2

Tot Ion: 43 Resp: 4168

Ion Ratio Lower Upper

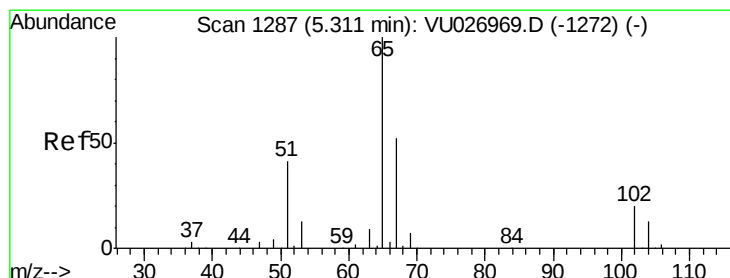
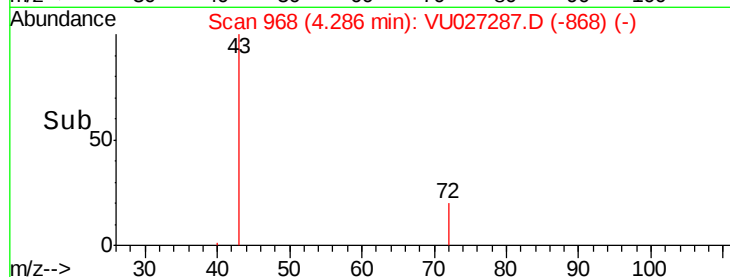
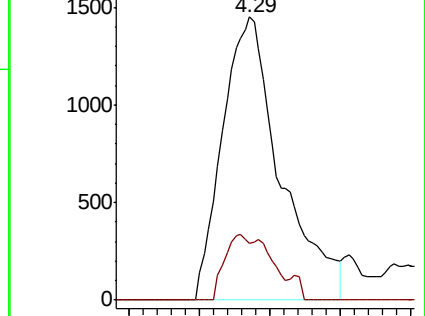
43 100

72 20.0 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 44.587 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027287.D

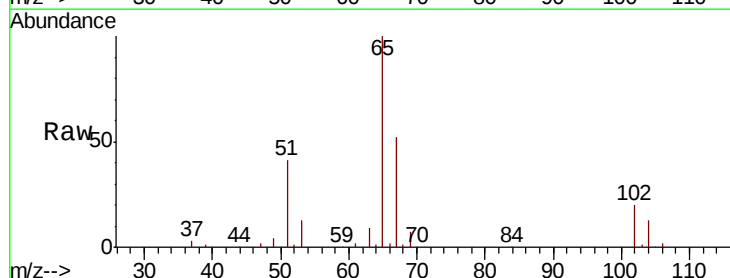
Acq: 28 Sep 2018 22:04

Tgt Ion: 65 Resp: 113115

Ion Ratio Lower Upper

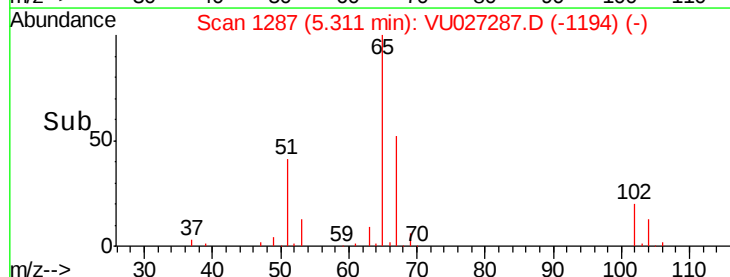
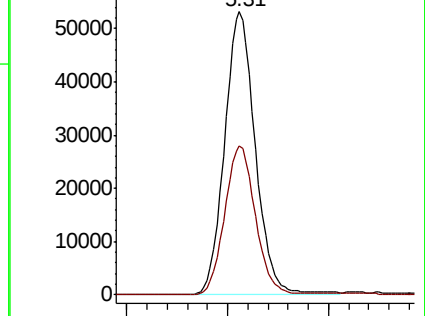
65 100

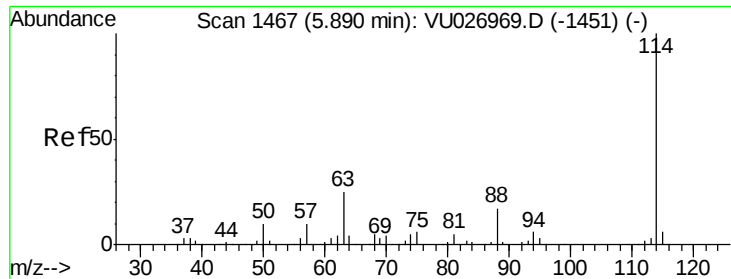
67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

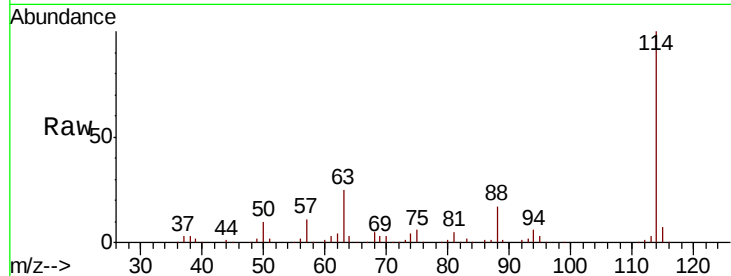




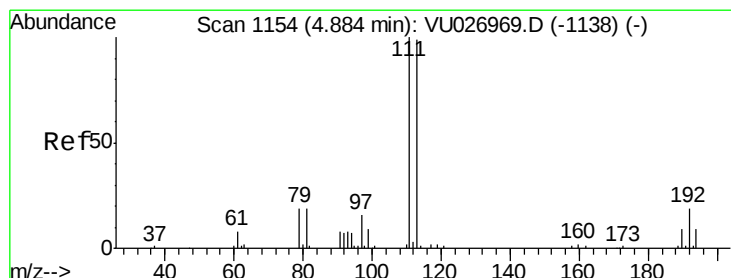
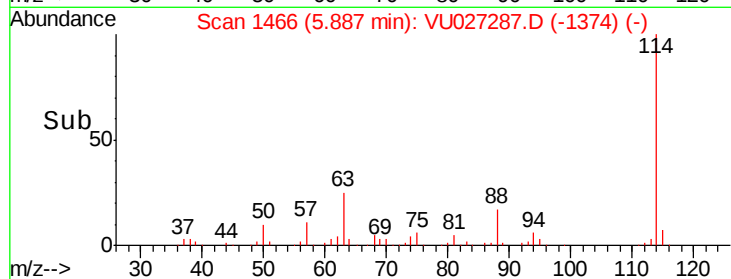
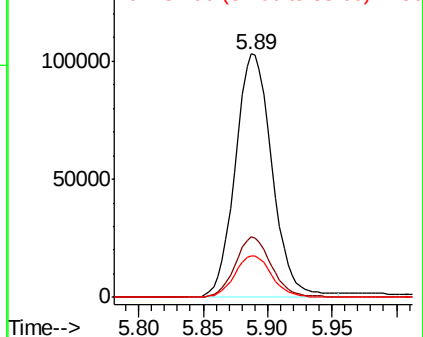
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027287.D
 Acq: 28 Sep 2018 22:04

Instrument :
 MSVOA_U
 ClientSampled :
 WS-2

Tot Ion:114 Resp: 205134
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.9 0.0 33.8

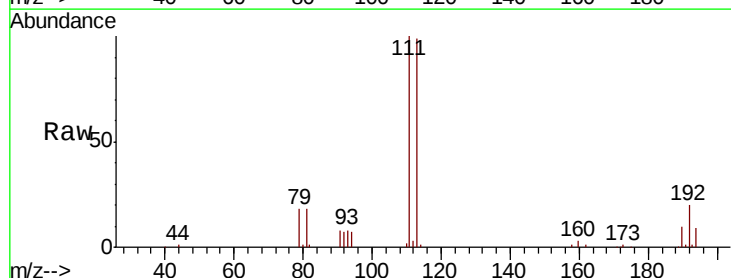


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

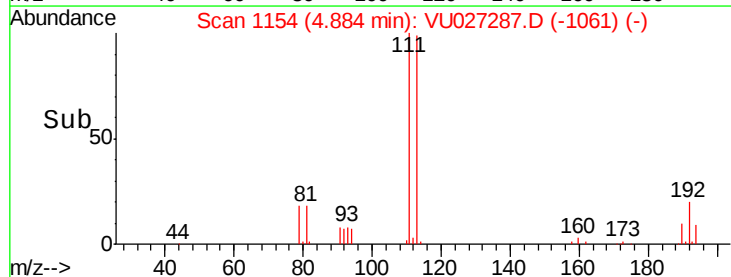
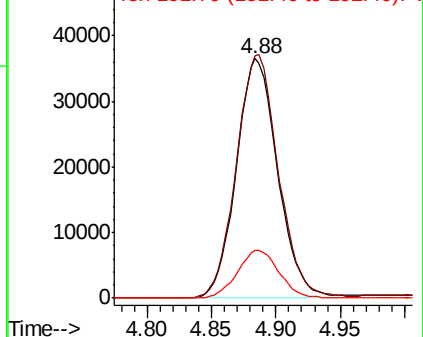


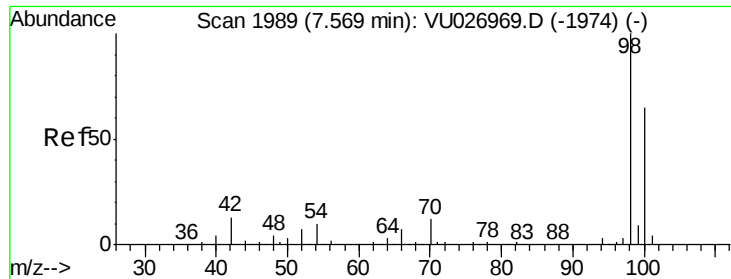
#35
 Dibromofluoromethane
 Concen: 45.854 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027287.D
 Acq: 28 Sep 2018 22:04

Tgt Ion:113 Resp: 81533
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 20.1 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: 47.075 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027287.D

Acq: 28 Sep 2018 22:04

Instrument :

MSVOA_U

ClientSampled :

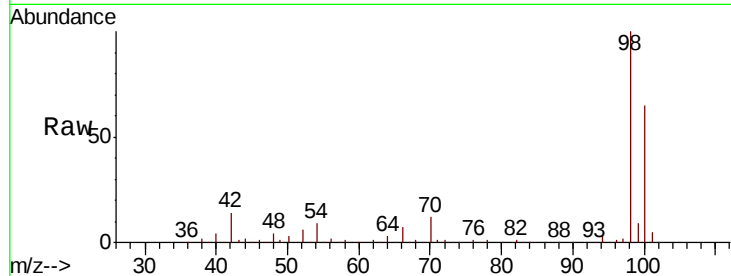
WS-2

Tot Ion: 98 Resp: 319003

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

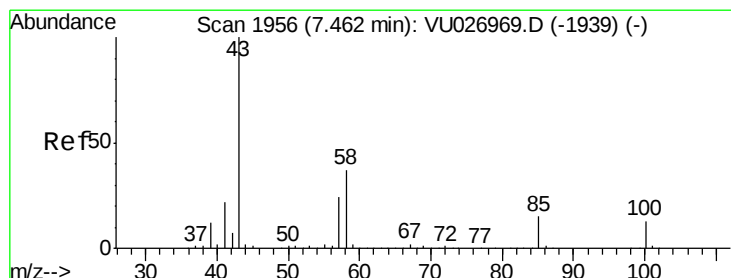
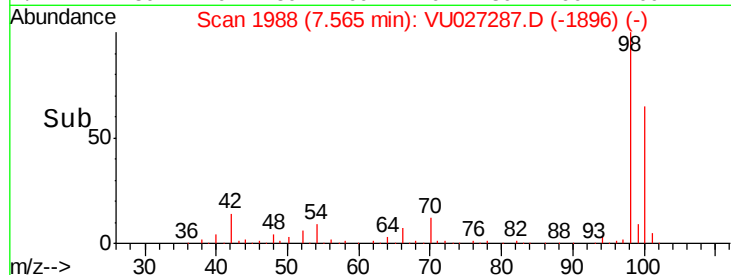
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.034 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027287.D

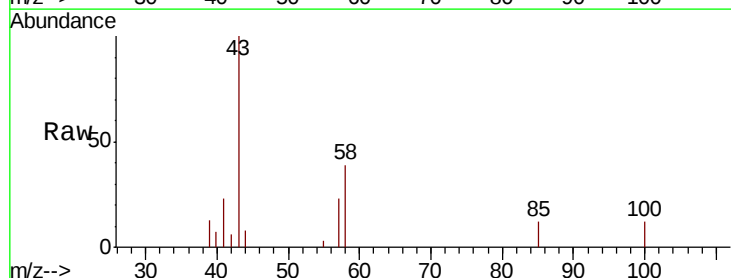
Acq: 28 Sep 2018 22:04

Tgt Ion: 43 Resp: 7394

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.47

4000

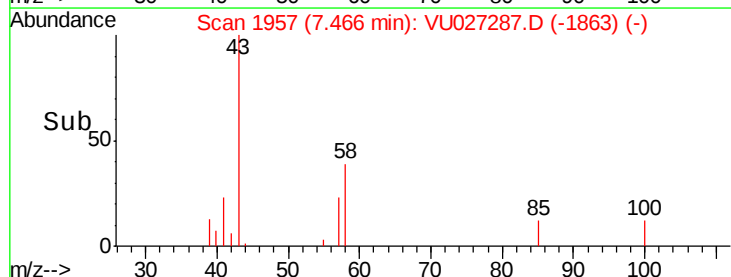
3000

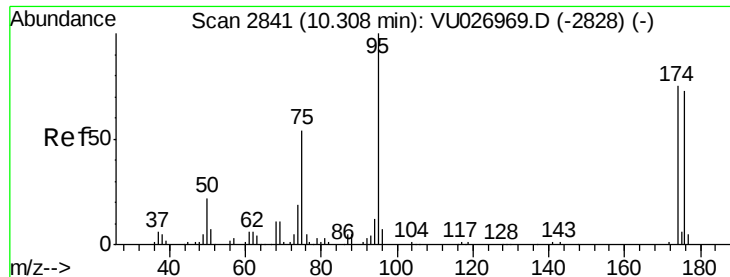
2000

1000

0

Time-->

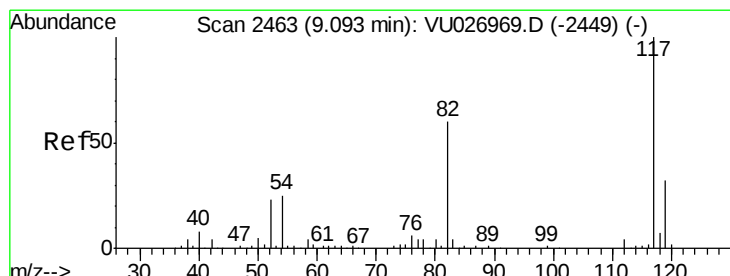
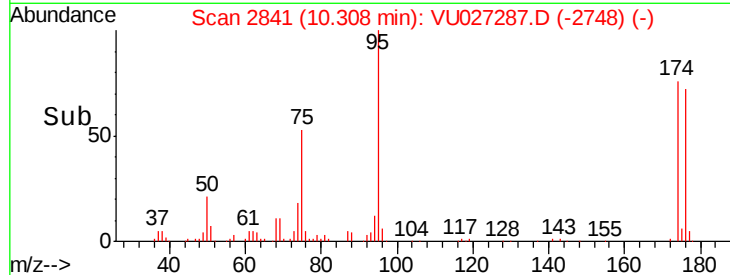
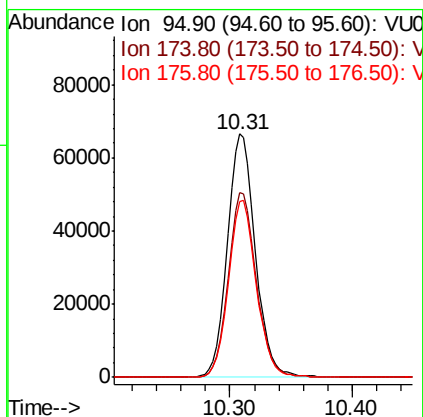
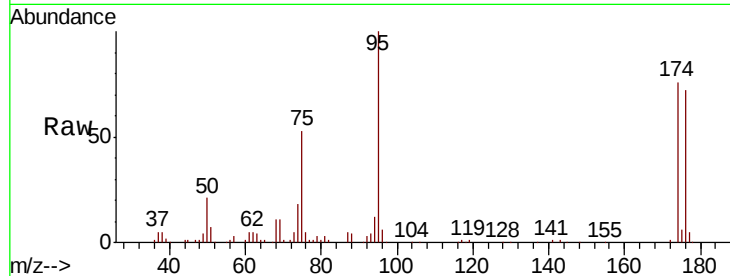




#62
4-Bromofluorobenzene
Concen: 45.977 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027287.D
Acq: 28 Sep 2018 22:04

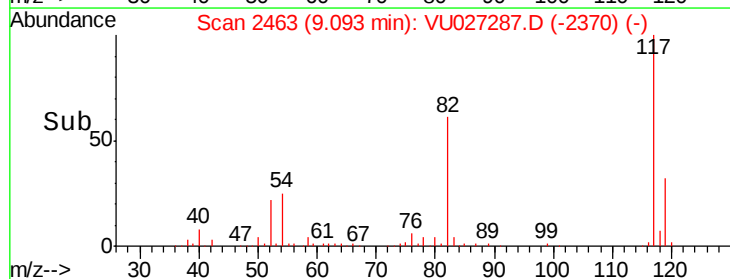
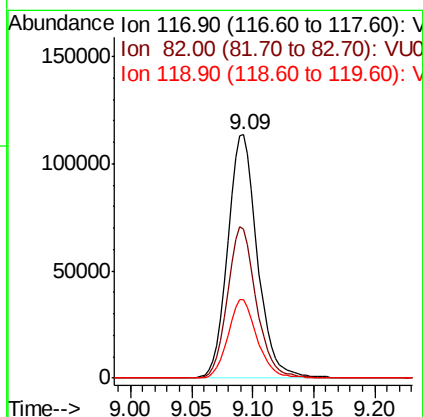
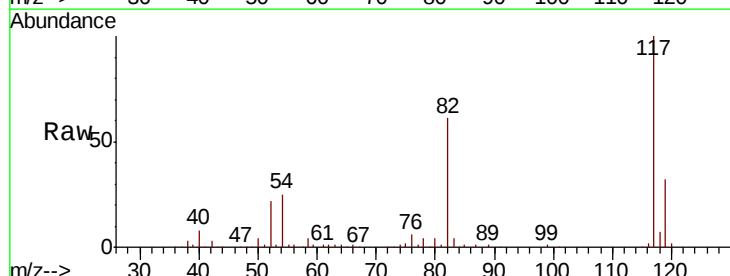
Instrument :
MSVOA_U
ClientSampled :
WS-2

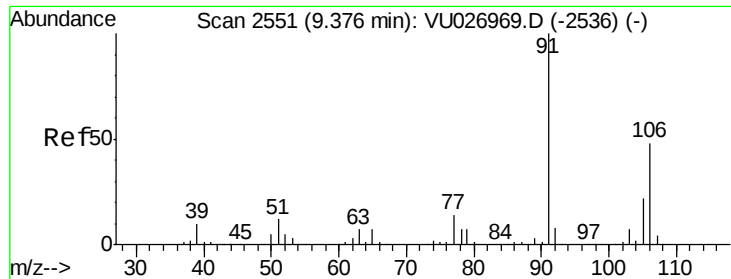
Tot Ion: 95 Resp: 106906
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.2
176 72.4 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027287.D
Acq: 28 Sep 2018 22:04

Tgt Ion: 117 Resp: 192559
Ion Ratio Lower Upper
117 100
82 61.1 48.0 72.0
119 32.3 25.8 38.8

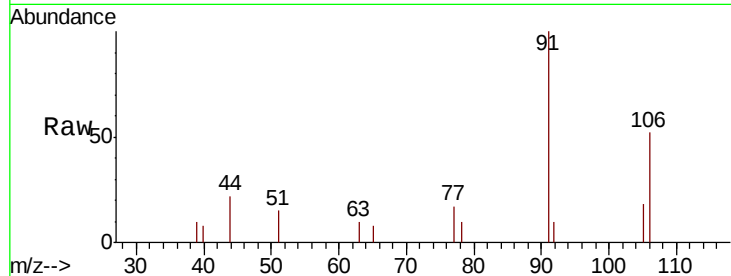




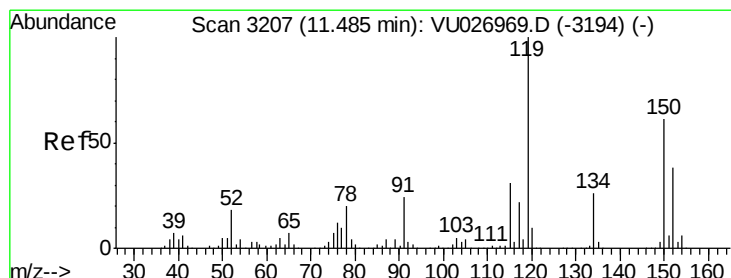
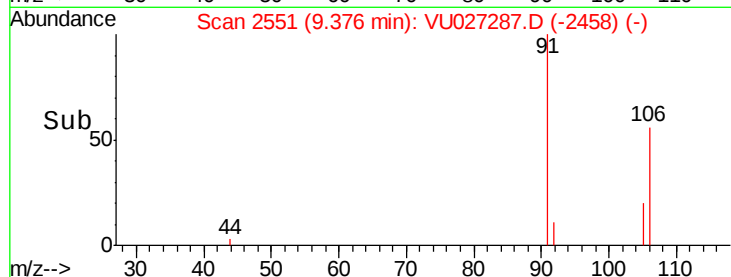
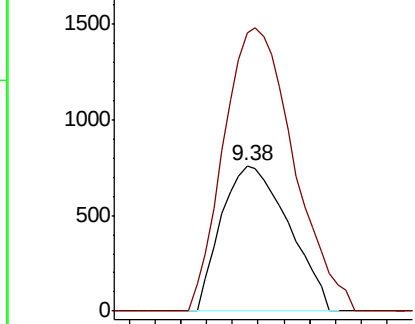
#68
m/p-Xvlenes
Concen: 1.901 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027287.D
Acq: 28 Sep 2018 22:04

Instrument :
MSVOA_U
ClientSampleId :
WS-2

Tot Ion:106 Resp: 1381
Ion Ratio Lower Upper
106 100
91 202.2 166.5 249.7

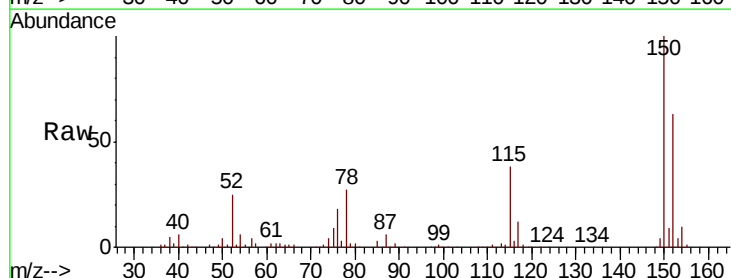


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027287.D
Acq: 28 Sep 2018 22:04

Tgt Ion:152 Resp: 92645
Ion Ratio Lower Upper
152 100
115 59.9 44.9 134.5
150 158.3 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

