

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027329.D
 Acq On : 01 Oct 2018 19:32
 Operator : MD/SY
 Sample : J5149-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-2

Quant Time: Oct 02 08:05:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

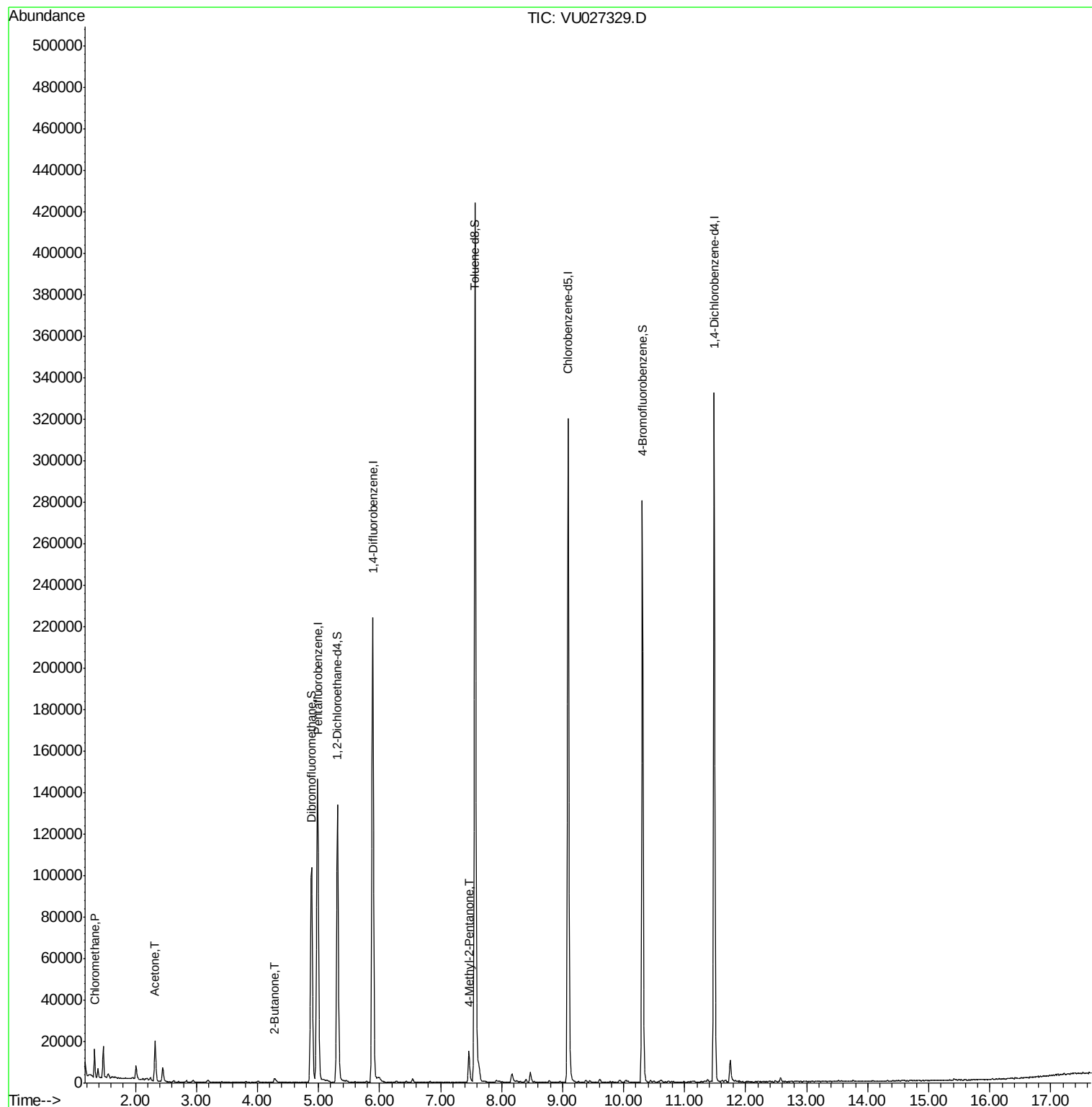
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	102524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	173252	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	167890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	103308	60.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.68%	
35) Dibromofluoromethane	4.89	113	71579	60.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.56%	
50) Toluene-d8	7.57	98	279912	62.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.98%	
62) 4-Bromofluorobenzene	10.31	95	93977	56.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.80%	
Target Compounds						
3) Chloromethane	1.33	50	8677	4.336	ug/l	95
16) Acetone	2.32	43	20481	20.251	ug/l	97
25) 2-Butanone	4.28	43	4043	2.932	ug/l	99
51) 4-Methyl-2-Pentanone	7.47	43	12020	4.899	ug/l	98

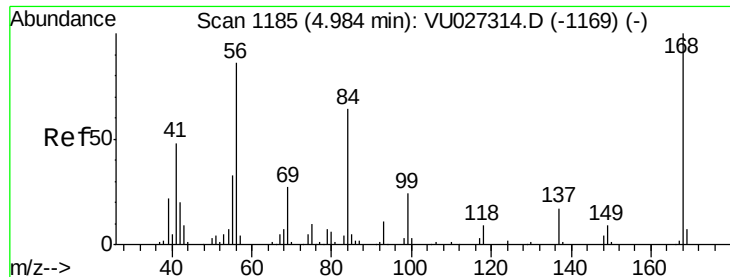
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU027329.D

Acq: 01 Oct 2018 19:32

Instrument :

MSVOA_U

ClientSampled :

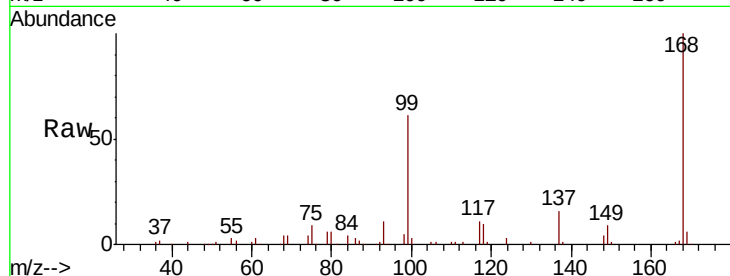
WS-2

Tot Ion:168 Resp: 102524

Ion Ratio Lower Upper

168 100

99 61.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

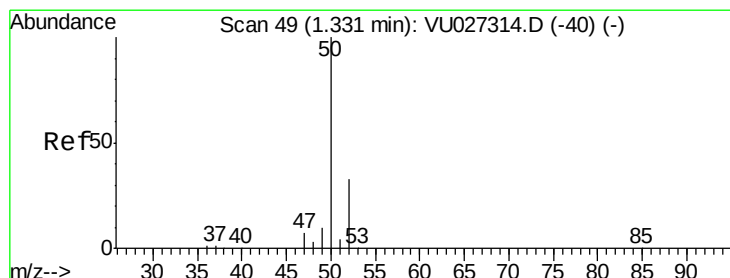
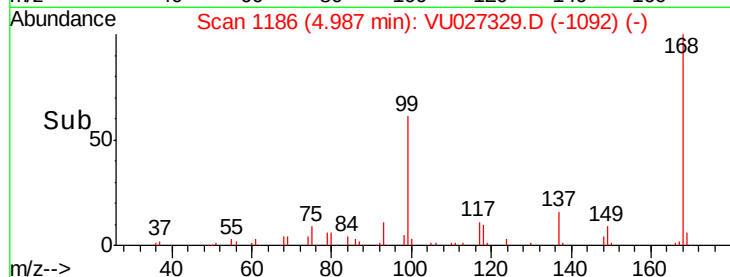
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 4.336 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027329.D

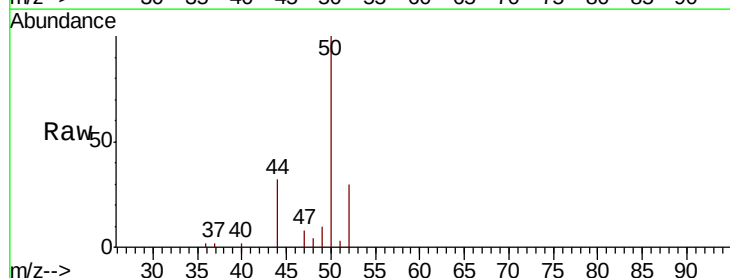
Acq: 01 Oct 2018 19:32

Tgt Ion: 50 Resp: 8677

Ion Ratio Lower Upper

50 100

52 30.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU027314.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027314.D (-40) (-)

1.33

10000

8000

6000

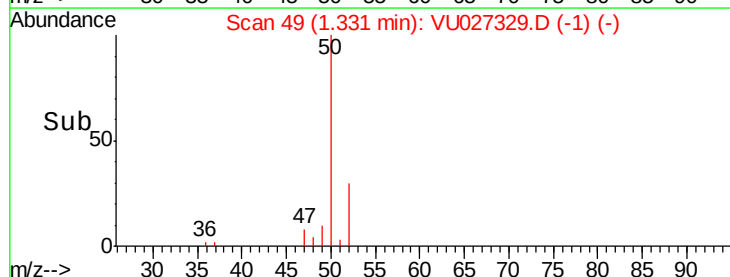
4000

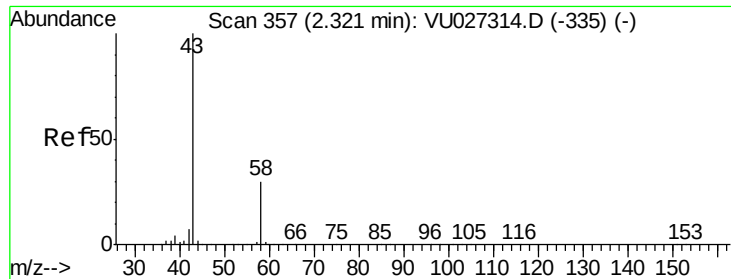
2000

0

1.30 1.35

Time-->





#16

Acetone

Concen: 20.251 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027329.D

Acq: 01 Oct 2018 19:32

Instrument :

MSVOA_U

ClientSampleId :

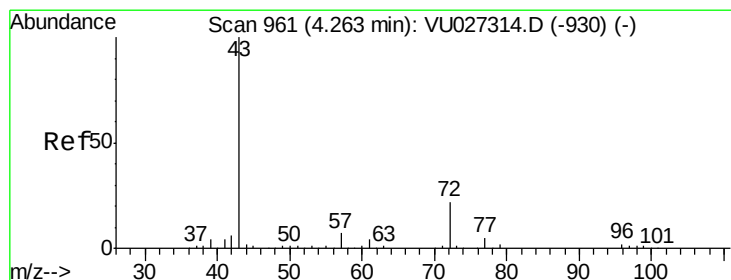
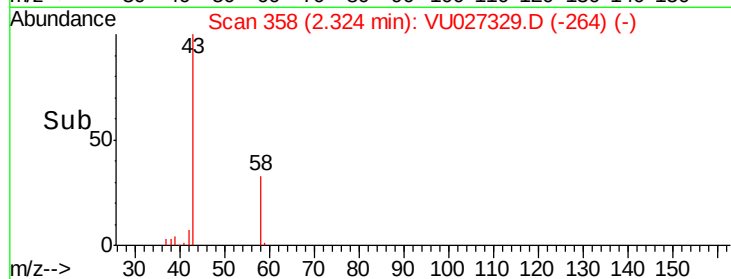
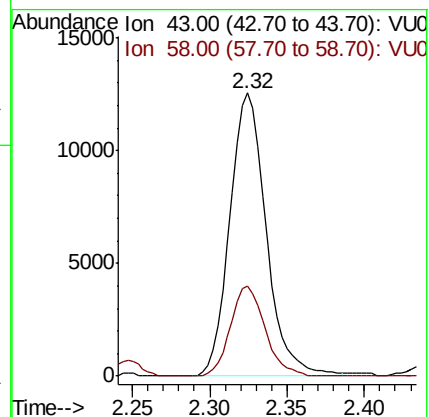
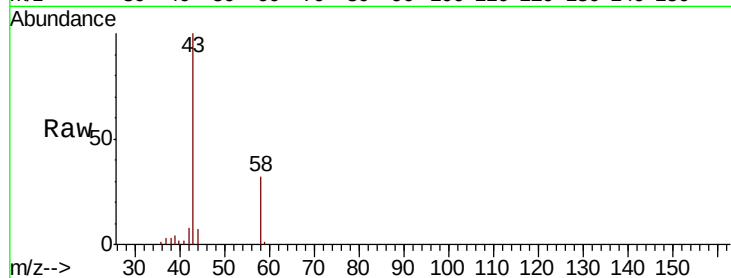
WS-2

Tot Ion: 43 Resp: 20481

Ion Ratio Lower Upper

43 100

58 31.8 24.2 36.4



#25

2-Butanone

Concen: 2.932 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.01 min

Lab File: VU027329.D

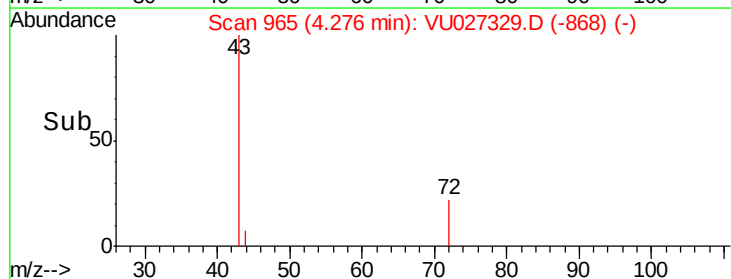
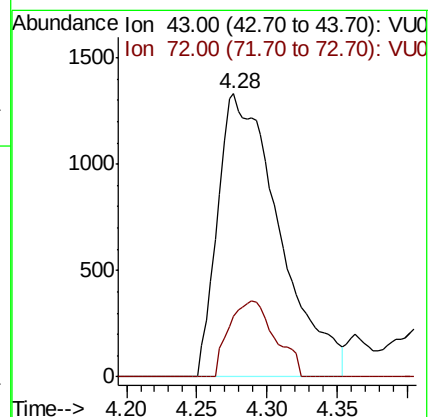
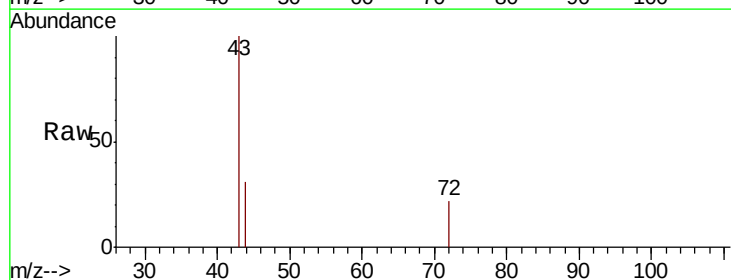
Acq: 01 Oct 2018 19:32

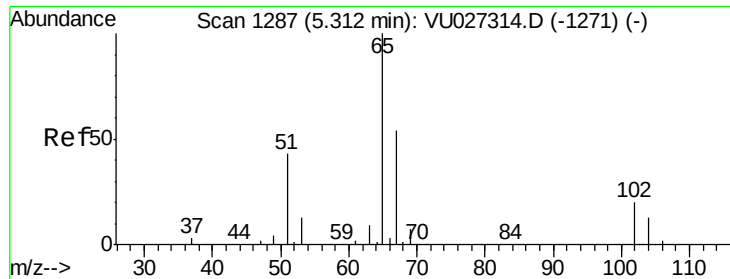
Tgt Ion: 43 Resp: 4043

Ion Ratio Lower Upper

43 100

72 21.6 17.8 26.6

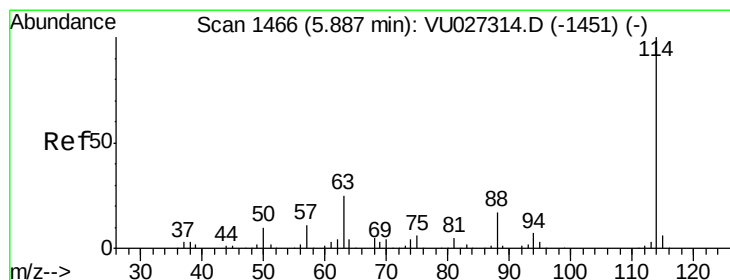
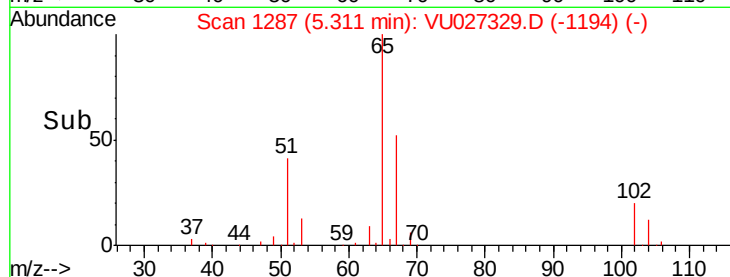
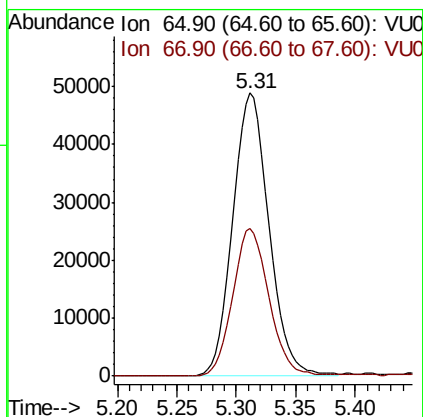
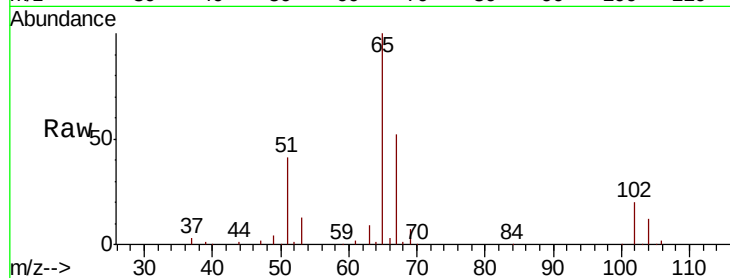




#33
 1,2-Dichloroethane-d4
 Concen: 60.344 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027329.D
 Acq: 01 Oct 2018 19:32

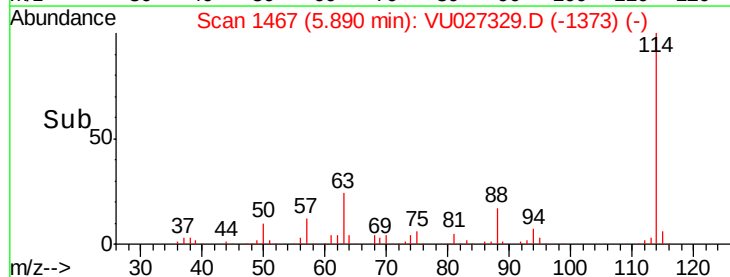
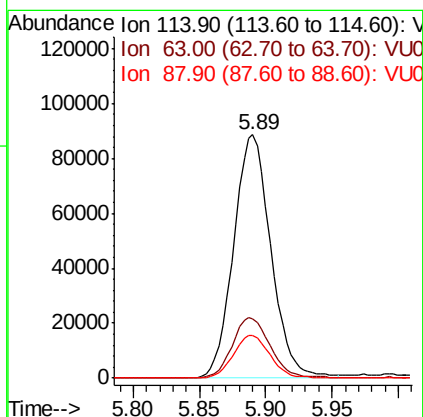
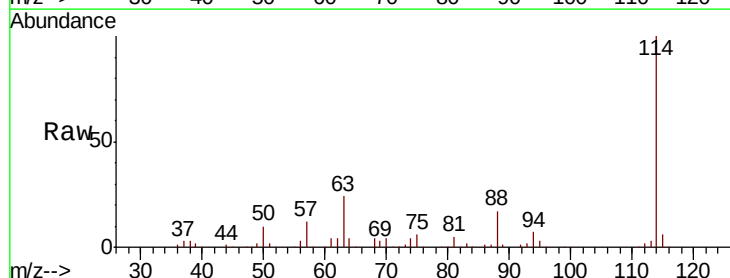
Instrument :
 MSVOA_U
 ClientSampled :
 WS-2

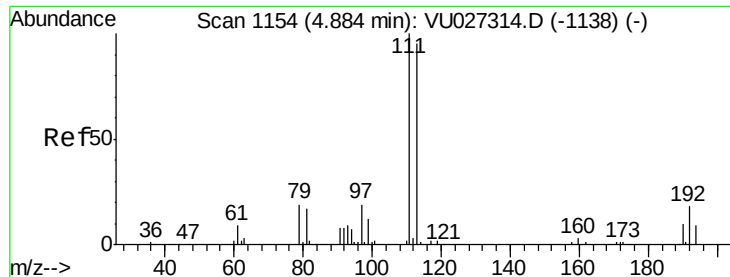
Tot Ion: 65 Resp: 103308
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027329.D
 Acq: 01 Oct 2018 19:32

Tgt Ion: 114 Resp: 173252
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.2
 88 17.5 0.0 33.8

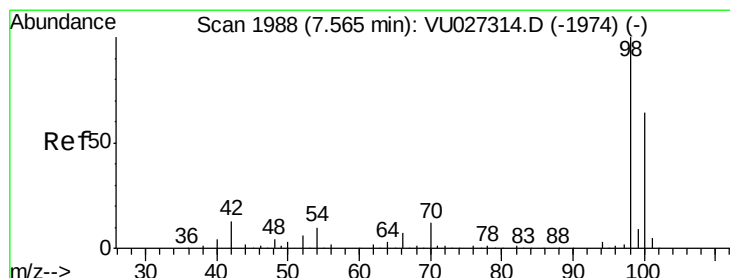
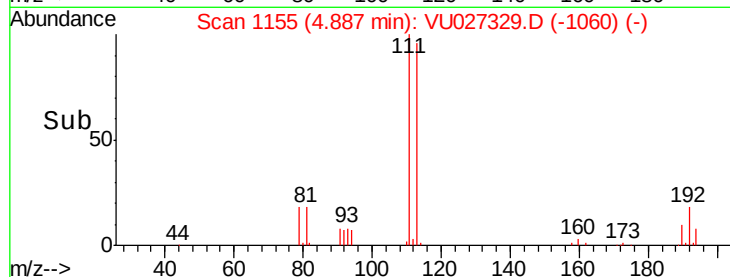
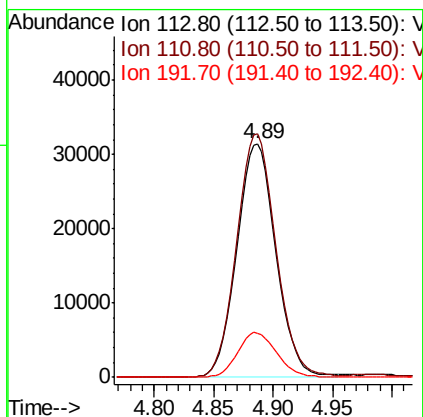
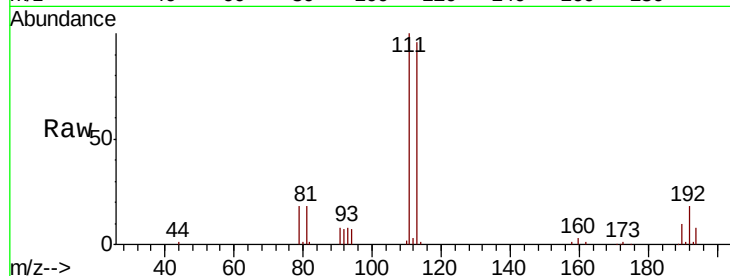




#35
 Dibromofluoromethane
 Concen: 60.285 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027329.D
 Acq: 01 Oct 2018 19:32

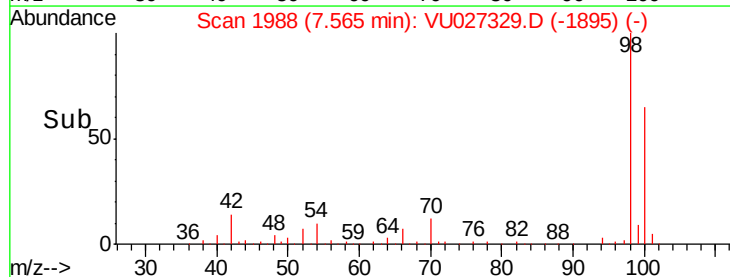
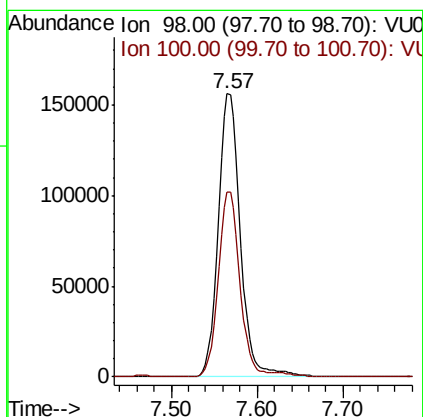
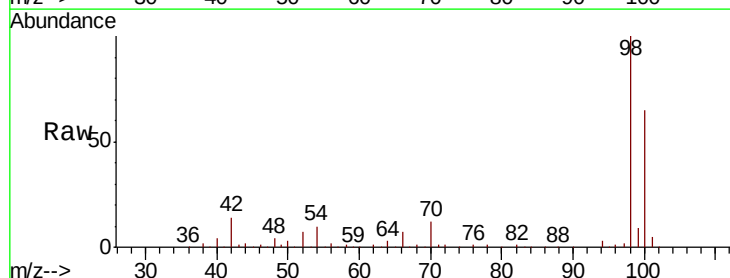
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-2

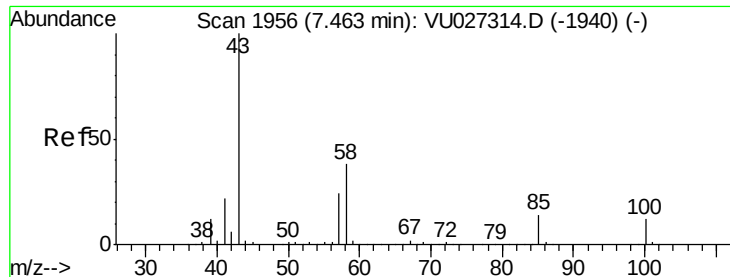
Tot Ion:113 Resp: 71579
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.1 124.7
 192 19.1 15.4 23.0



#50
 Toluene-d8
 Concen: 62.988 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU027329.D
 Acq: 01 Oct 2018 19:32

Tgt Ion: 98 Resp: 279912
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 4.899 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU027329.D

Acq: 01 Oct 2018 19:32

Instrument :

MSVOA_U

ClientSampleId :

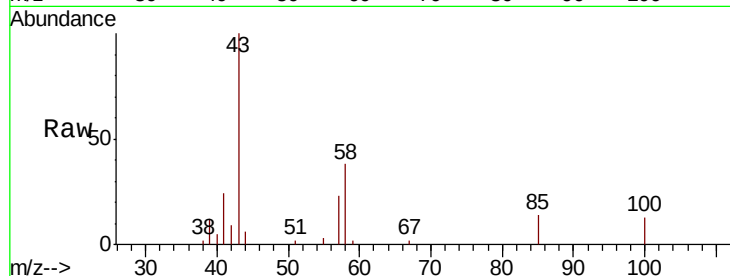
WS-2

Tot Ion: 43 Resp: 12020

Ion Ratio Lower Upper

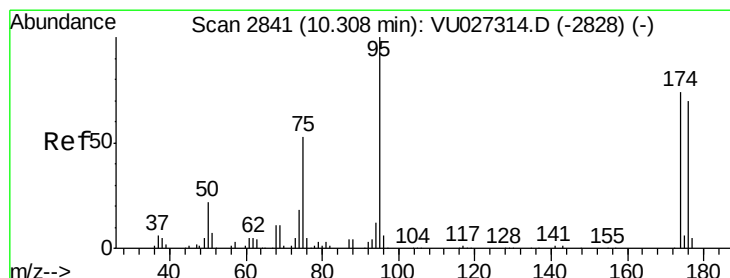
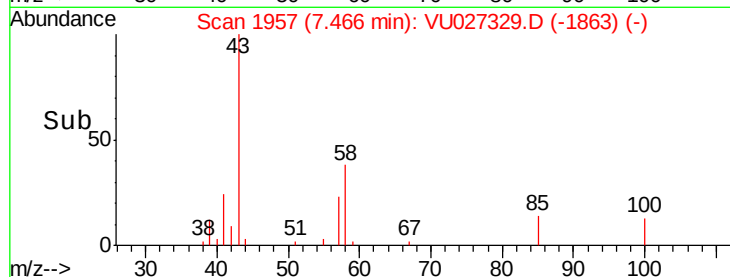
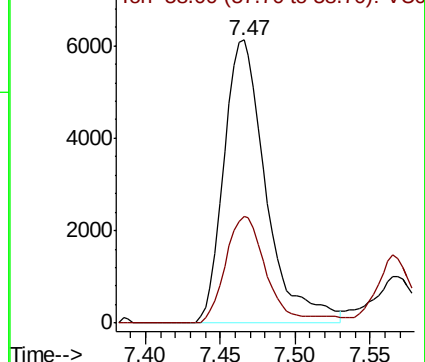
43 100

58 35.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 56.903 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027329.D

Acq: 01 Oct 2018 19:32

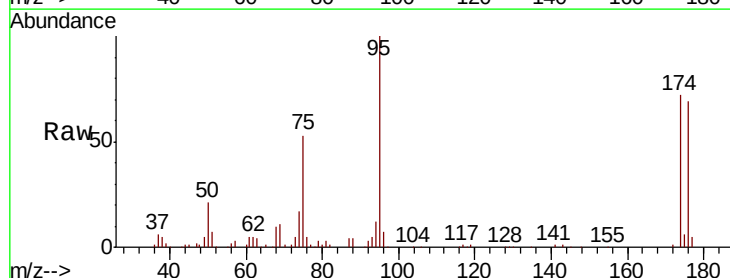
Tgt Ion: 95 Resp: 93977

Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.8

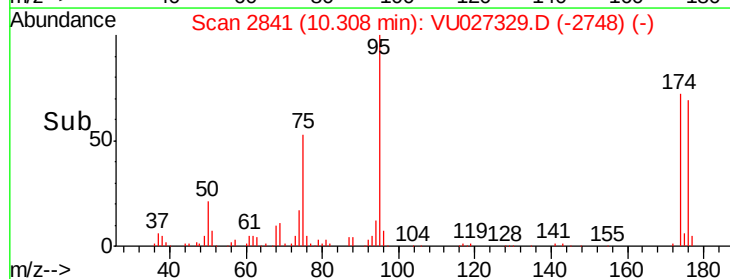
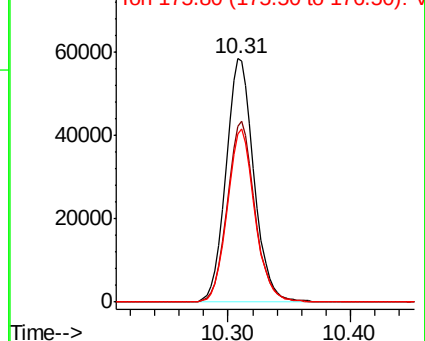
176 70.1 0.0 140.8

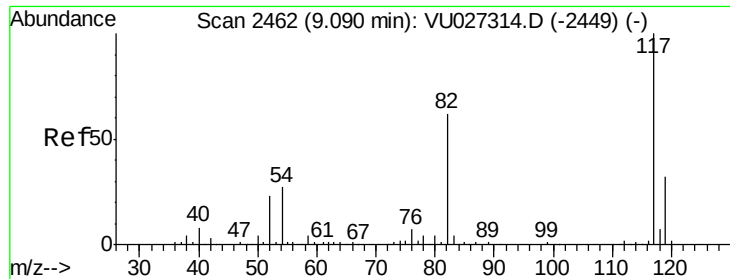


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

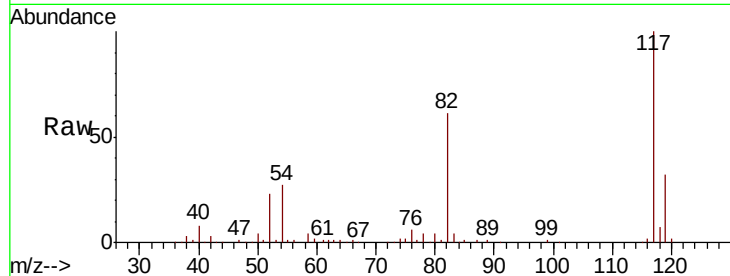




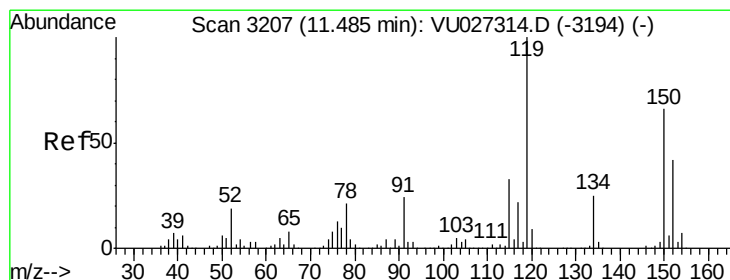
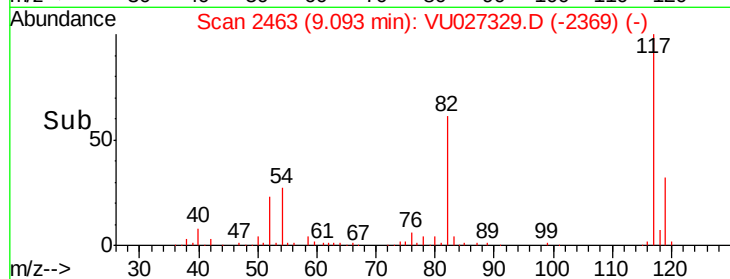
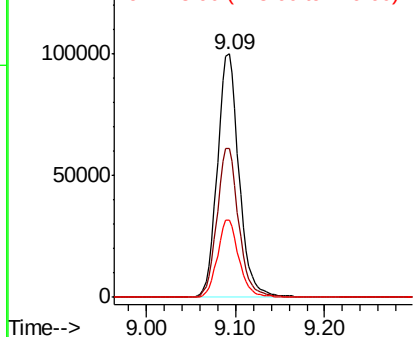
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027329.D
Acq: 01 Oct 2018 19:32

Instrument :
MSVOA_U
ClientSampled :
WS-2

Tot Ion:117 Resp: 167890
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.7 25.7 38.5

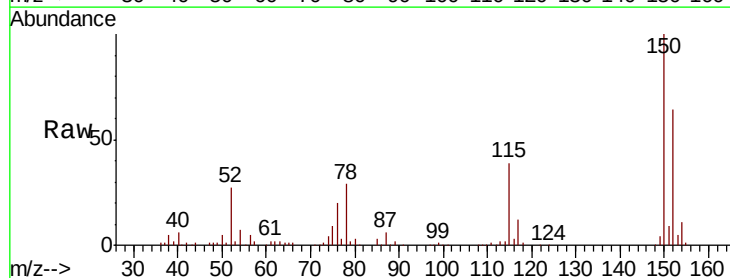


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027329.D
Acq: 01 Oct 2018 19:32

Tgt Ion:152 Resp: 80413
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.2
150 155.5 0.0 349.2



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

