

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027180.D
 Acq On : 26 Sep 2018 16:13
 Operator : MD/SY
 Sample : J5049-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-40-SEP18

Quant Time: Sep 27 02:23:51 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

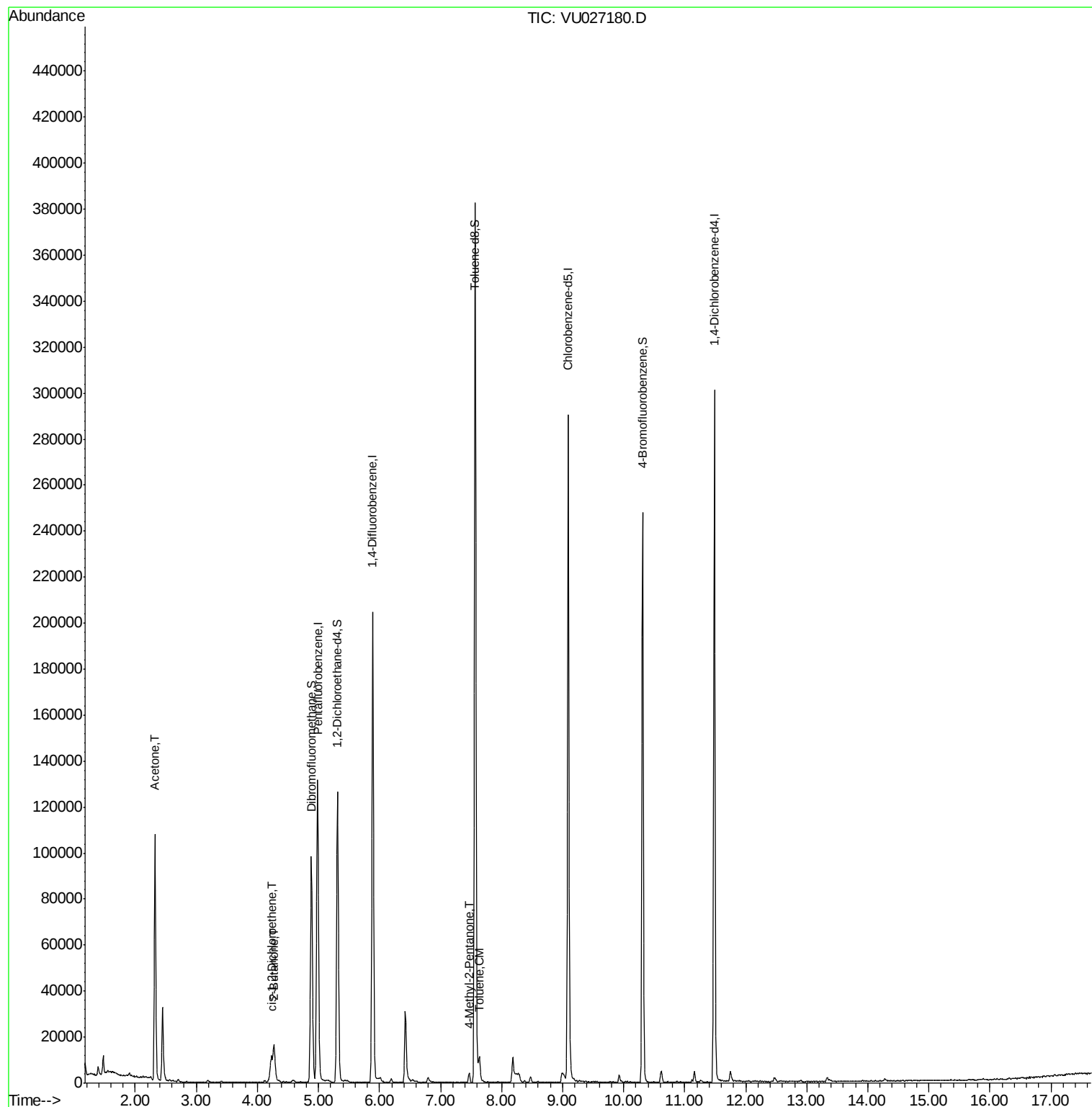
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	92414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154409	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	69745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96979	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
35) Dibromofluoromethane	4.88	113	66995	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	7.57	98	244331	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	10.31	95	81645	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
Target Compounds						
16) Acetone	2.32	43	112691	104.397	ug/l	99
25) 2-Butanone	4.27	43	27938	17.873	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	5627	3.656	ug/l	95
51) 4-Methyl-2-Pentanone	7.47	43	3159	1.154	ug/l	89
52) Toluene	7.64	92	2253	0.627	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027180.D

Acq: 26 Sep 2018 16:13

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MSVOA_U

ClientSampleId :

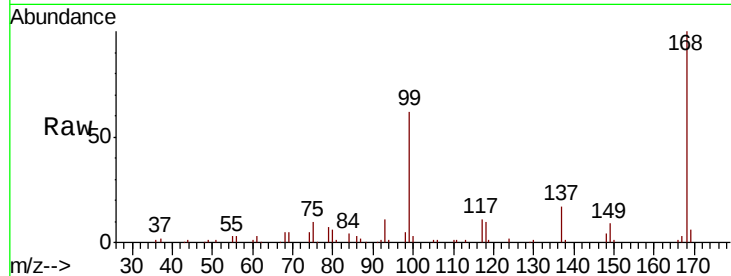
MW-40-SEP18

Tot Ion:168 Resp: 92414

Ion Ratio Lower Upper

168 100

99 62.4 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) (-)

4.98

40000

30000

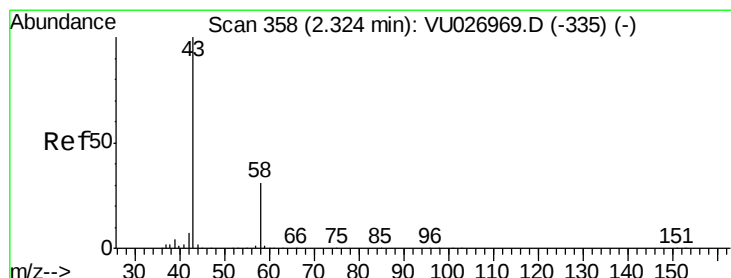
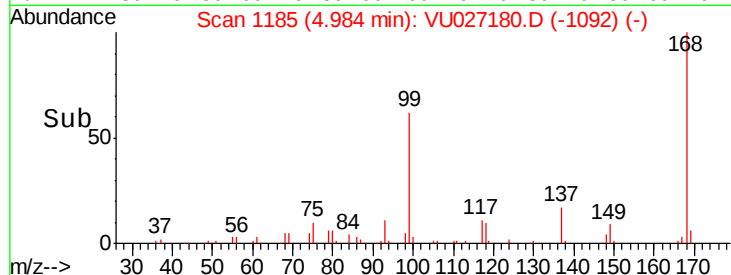
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 104.397 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027180.D

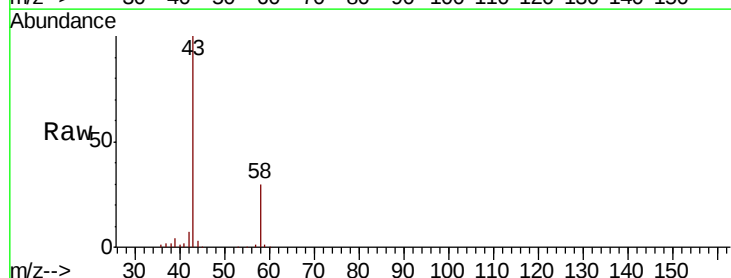
Acq: 26 Sep 2018 16:13

Tgt Ion: 43 Resp: 112691

Ion Ratio Lower Upper

43 100

58 29.9 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) (-)

2.32

80000

60000

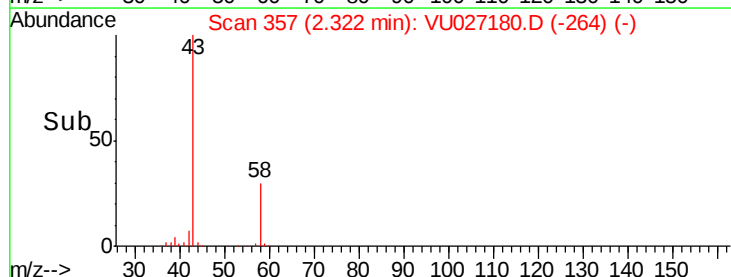
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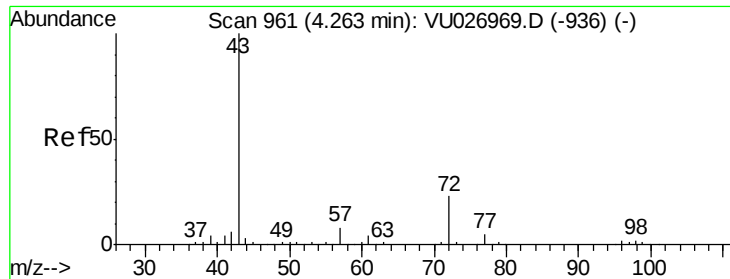
20000

0

2.25 2.30 2.35 2.40 2.45

Time-->





#25

2-Butanone

Concen: 17.873 ug/l

RT: 4.27 min Scan# 963

Delta R.T. 0.01 min

Lab File: VU027180.D

Acq: 26 Sep 2018 16:13

Instrument :

MSVOA_U

ClientSampleId :

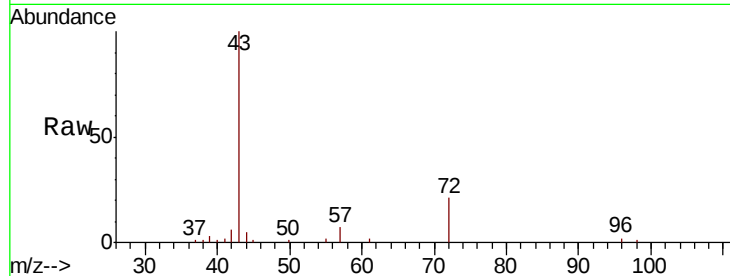
MW-40-SEP18

Tot Ion: 43 Resp: 27938

Ion Ratio Lower Upper

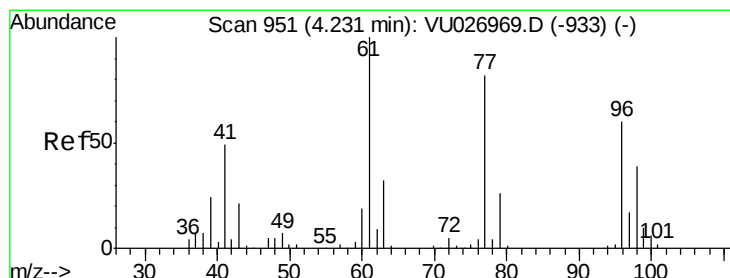
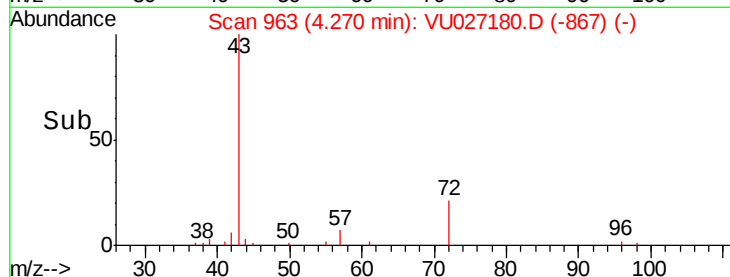
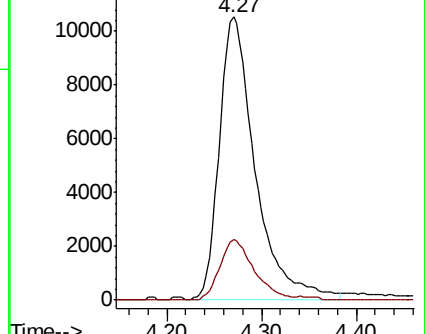
43 100

72 21.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#27

cis-1,2-Dichloroethene

Concen: 3.656 ug/l

RT: 4.23 min Scan# 952

Delta R.T. 0.00 min

Lab File: VU027180.D

Acq: 26 Sep 2018 16:13

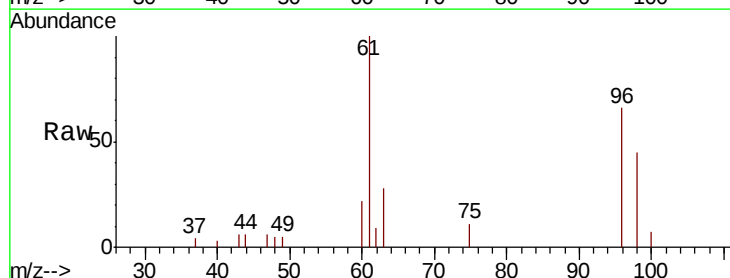
Tgt Ion: 96 Resp: 5627

Ion Ratio Lower Upper

96 100

61 159.9 0.0 337.2

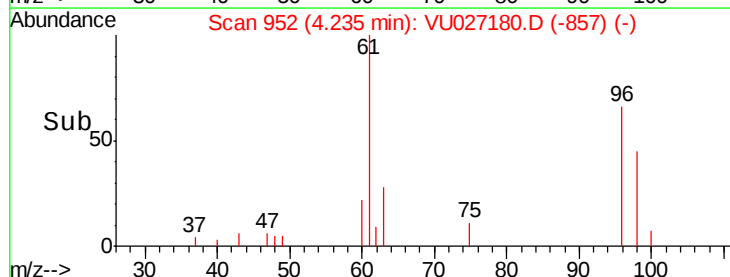
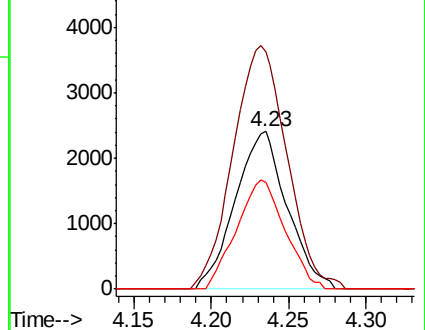
98 64.5 0.0 127.6

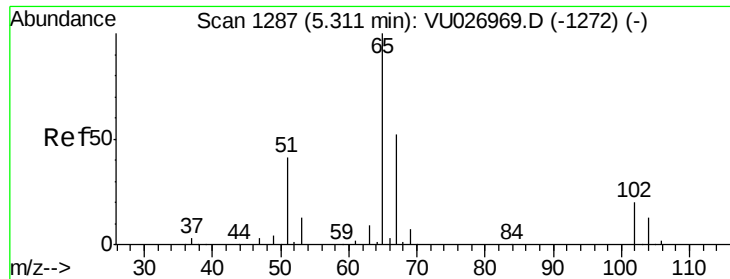


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

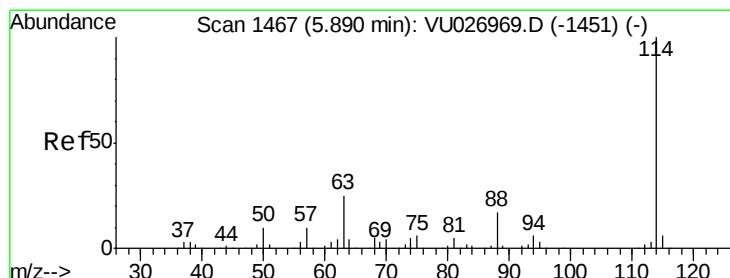
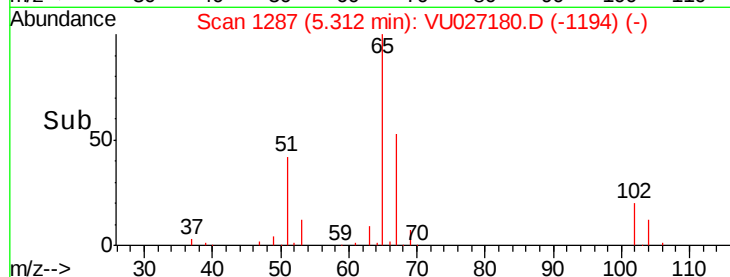
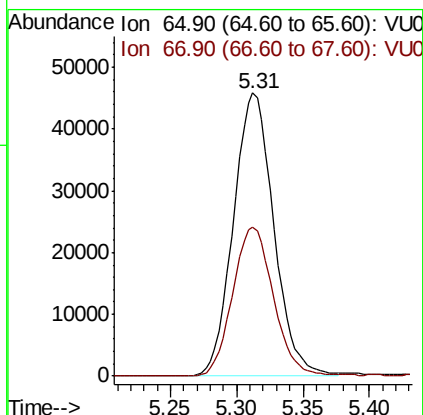
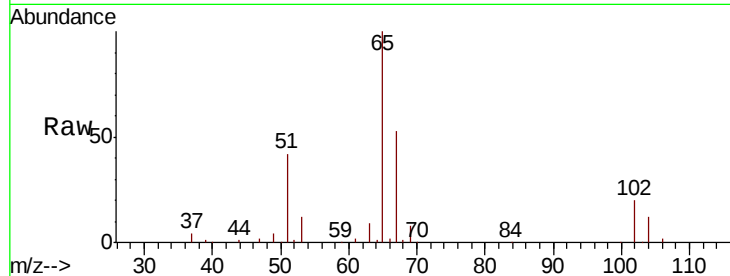




#33
 1,2-Dichloroethane-d4
 Concen: 52.140 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027180.D
 Acq: 26 Sep 2018 16:13

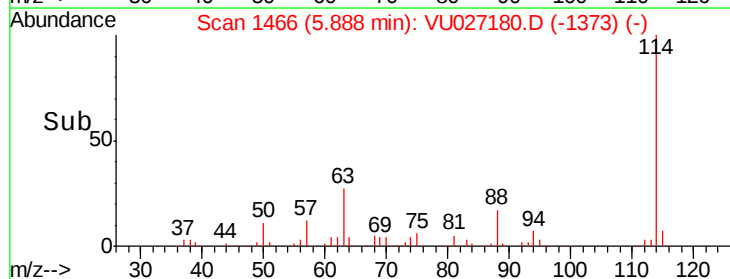
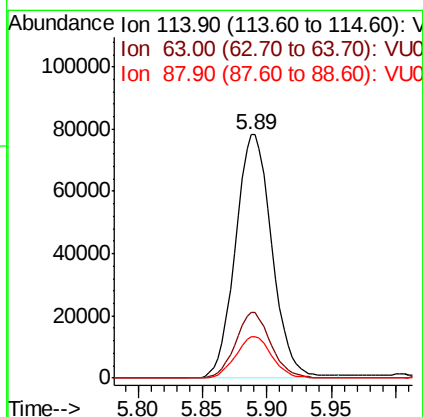
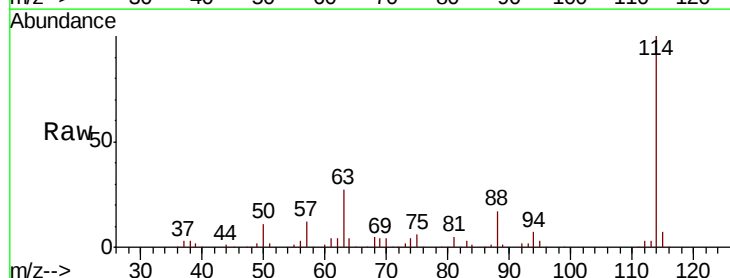
Instrument :
 MSVOA_U
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 MW-40-SEP18

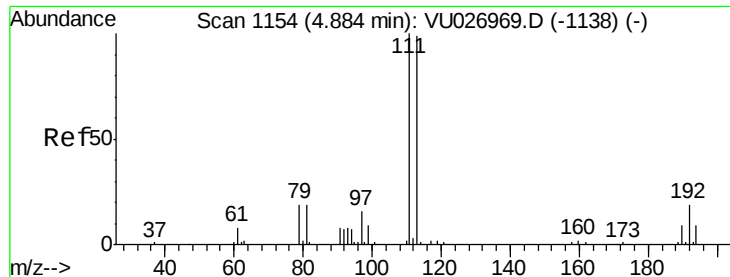
Tot Ion: 65 Resp: 96979
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027180.D
 Acq: 26 Sep 2018 16:13

Tgt Ion: 114 Resp: 154409
 Ion Ratio Lower Upper
 114 100
 63 27.1 0.0 49.2
 88 17.0 0.0 33.8

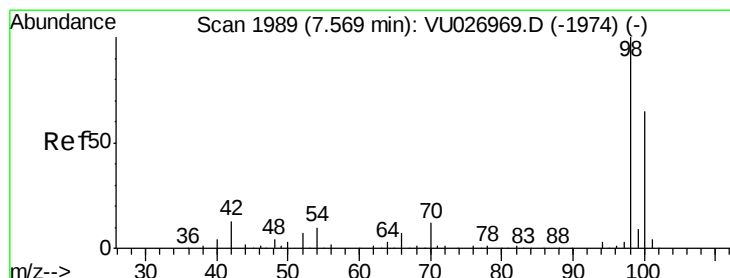
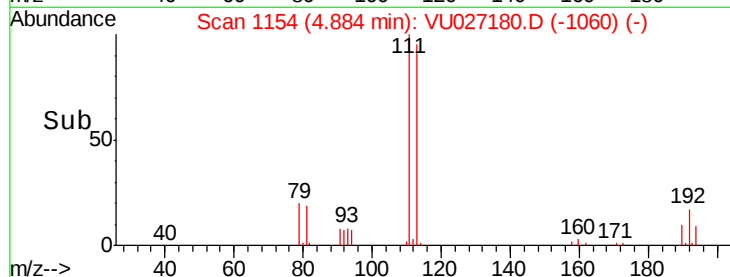
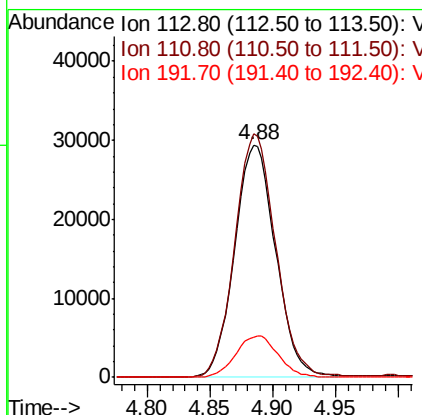
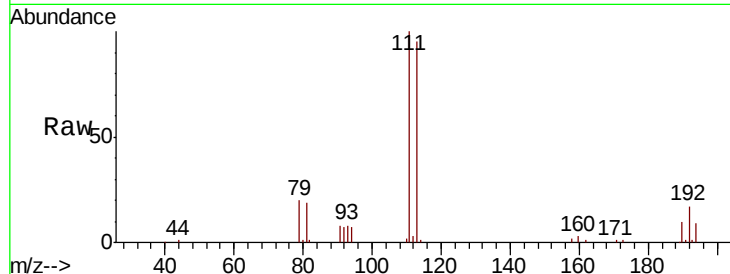




#35
 Dibromofluoromethane
 Concen: 50.055 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027180.D
 Acq: 26 Sep 2018 16:13

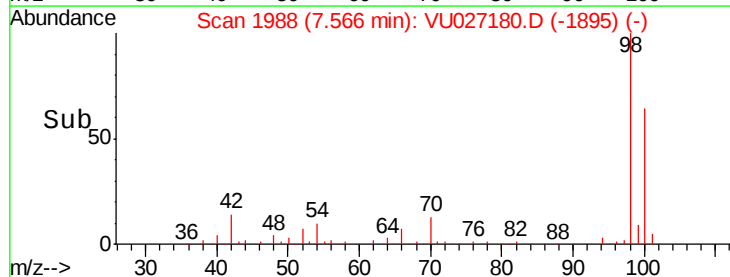
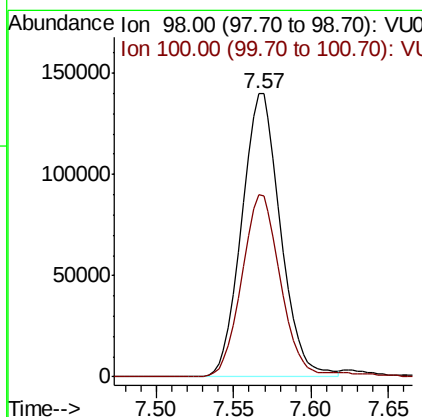
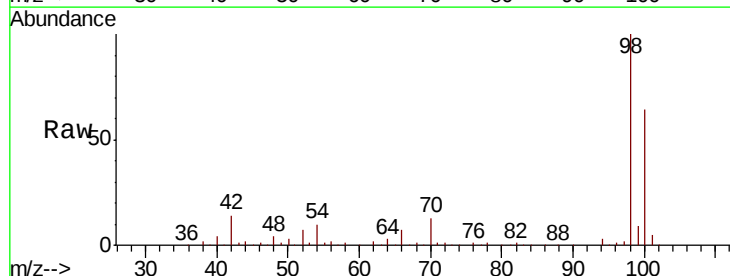
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-40-SEP18

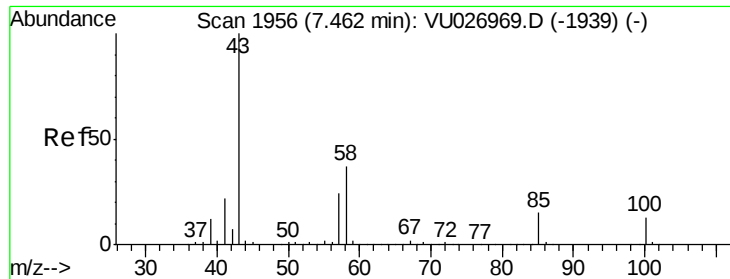
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	18.4	15.2	22.8



#50
 Toluene-d8
 Concen: 47.901 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VU027180.D
 Acq: 26 Sep 2018 16:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.1	78.1

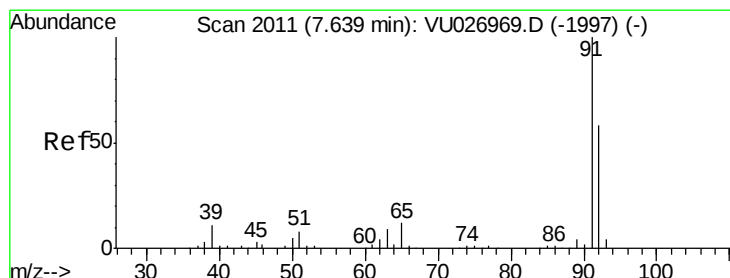
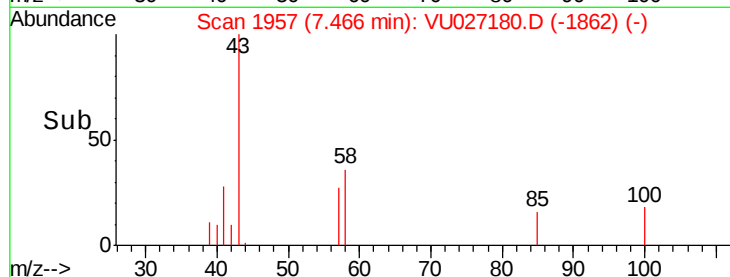
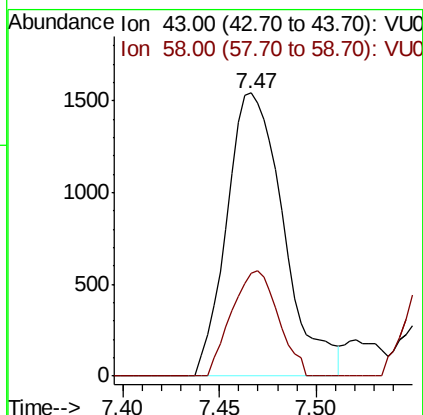
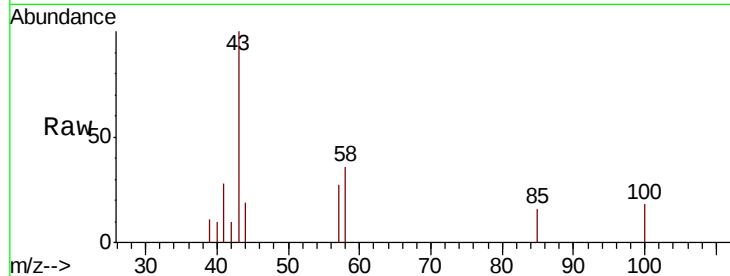




#51
 4-Methyl-2-Pentanone
 Concen: 1.154 ug/l
 RT: 7.47 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU027180.D
 Acq: 26 Sep 2018 16:13

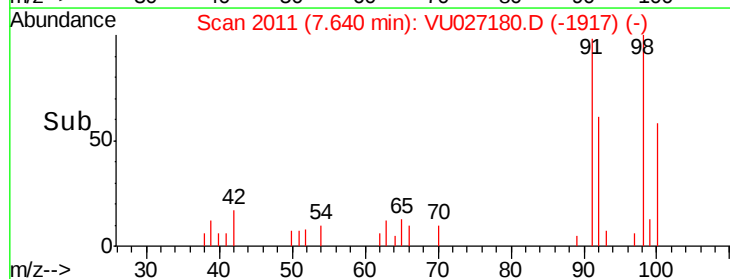
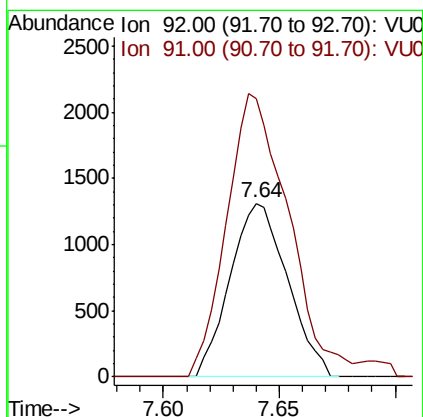
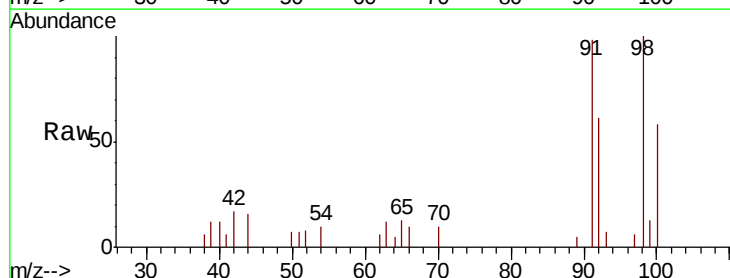
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 MW-40-SEP18

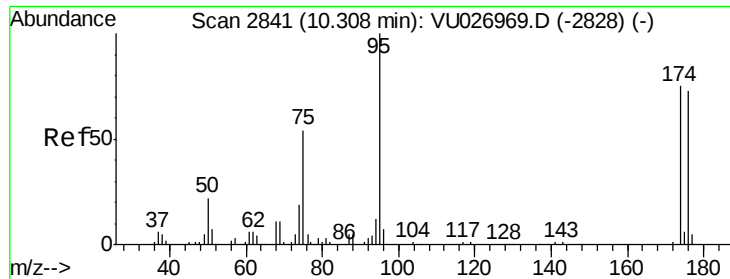
Tot Ion: 43 Resp: 3159
 Ion Ratio Lower Upper
 43 100
 58 30.8 29.8 44.6



#52
 Toluene
 Concen: 0.627 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU027180.D
 Acq: 26 Sep 2018 16:13

Tgt Ion: 92 Resp: 2253
 Ion Ratio Lower Upper
 92 100
 91 175.5 136.4 204.6

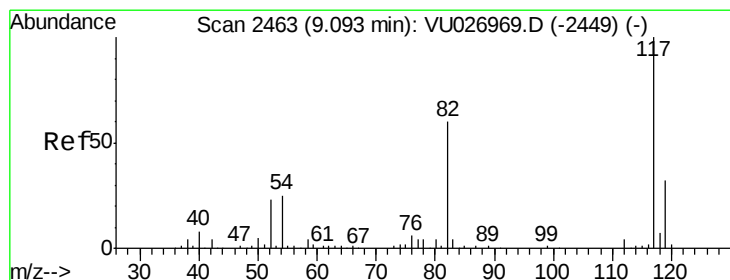
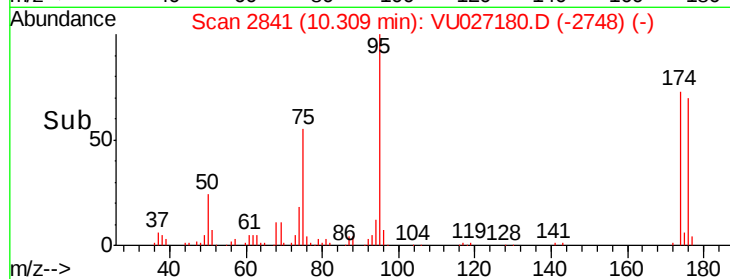
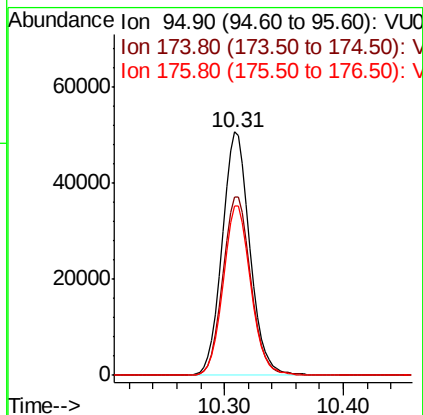
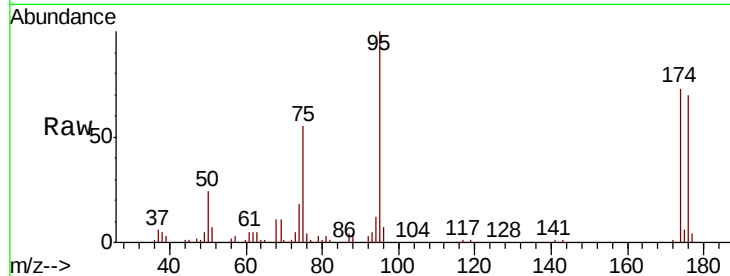




#62
4-Bromofluorobenzene
Concen: 46.648 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027180.D
Acq: 26 Sep 2018 16:13

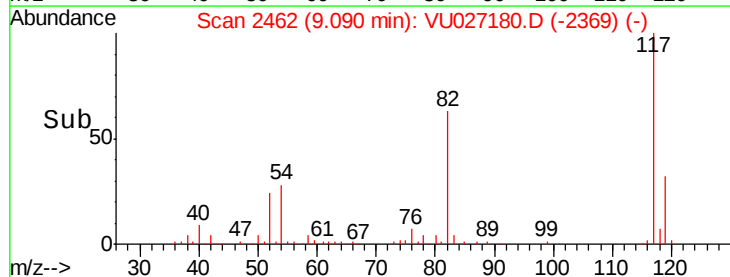
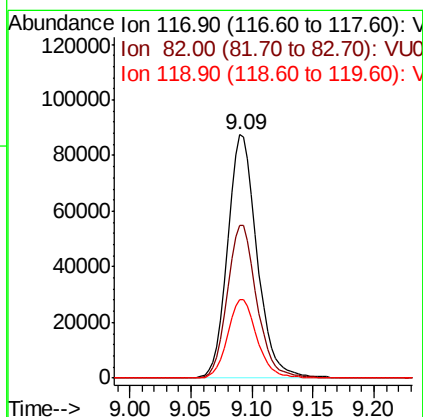
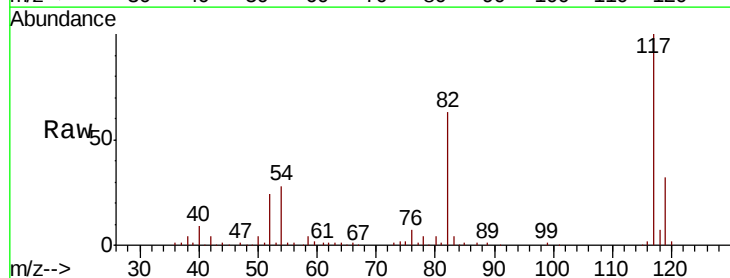
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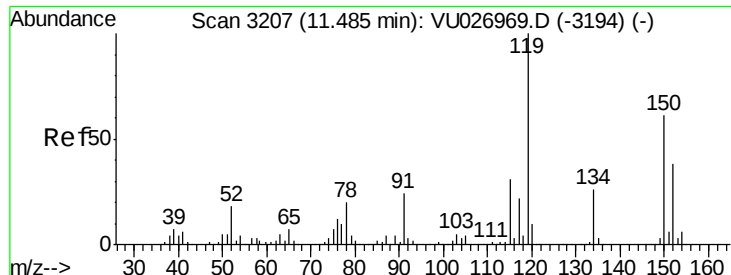
Tot Ion: 95 Resp: 81645
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.2
176 69.6 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027180.D
Acq: 26 Sep 2018 16:13

Tgt Ion: 117 Resp: 147982
Ion Ratio Lower Upper
117 100
82 62.8 48.0 72.0
119 32.1 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027180.D
 Acq: 26 Sep 2018 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-40-SEP18

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.5	44.9	134.5
150	157.6	0.0	355.8

