

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029163.D
 Acq On : 14 Jan 2019 14:12
 Operator : JC/SP
 Sample : K1137-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Jan 14 23:30:07 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

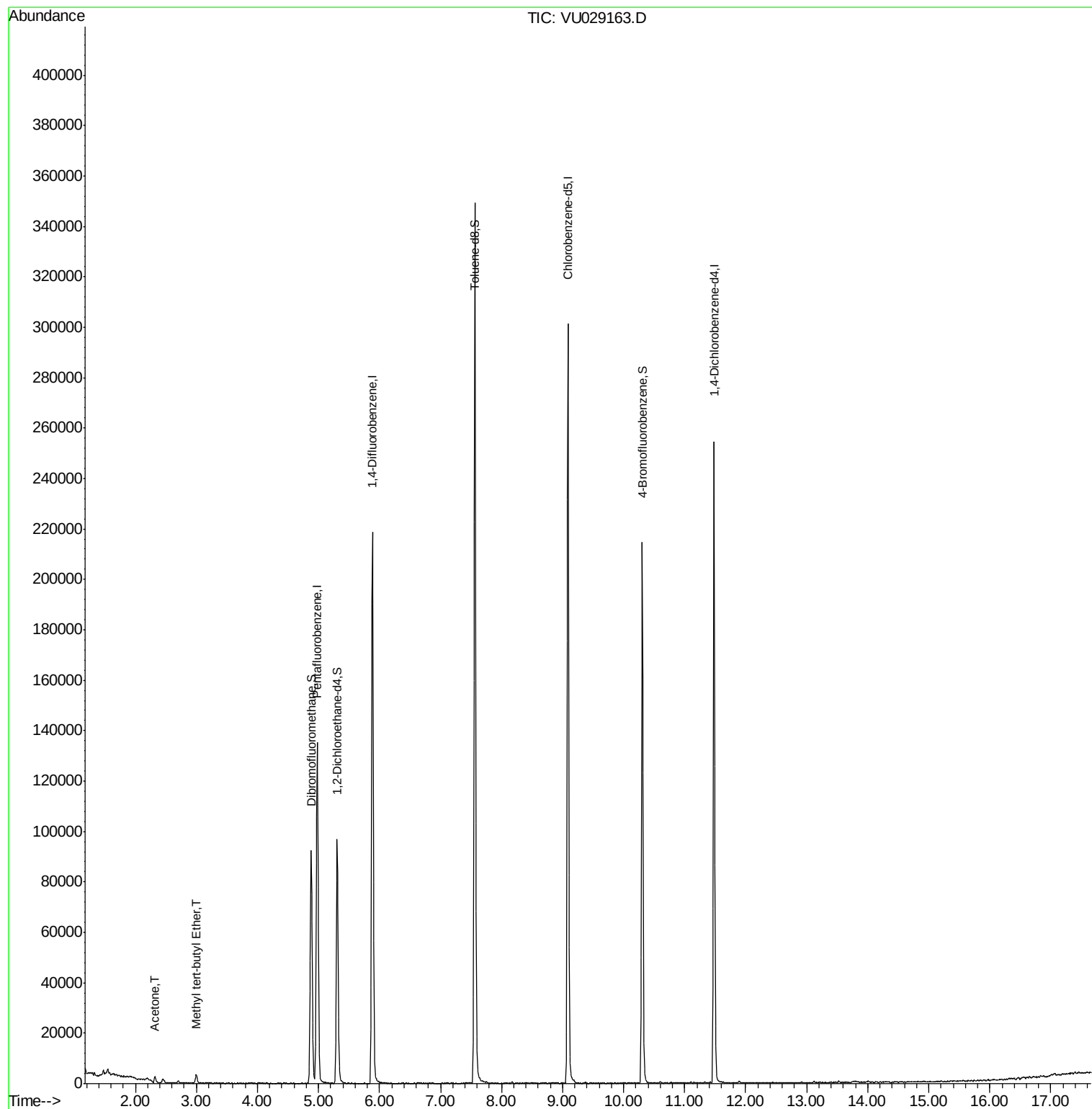
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	190288	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74084	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	4.88	113	65707	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
50) Toluene-d8	7.56	98	244089	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	10.30	95	75851	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
Target Compounds						
16) Acetone	2.32	43	3043	3.534	ug/l	92
19) Methyl tert-butyl Ether	3.00	73	4074	1.011	ug/l	97

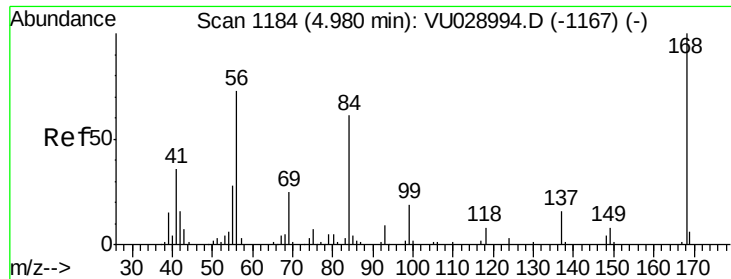
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029163.D

Acq: 14 Jan 2019 14:12

Instrument :

MSVOA_U

ClientSampleId :

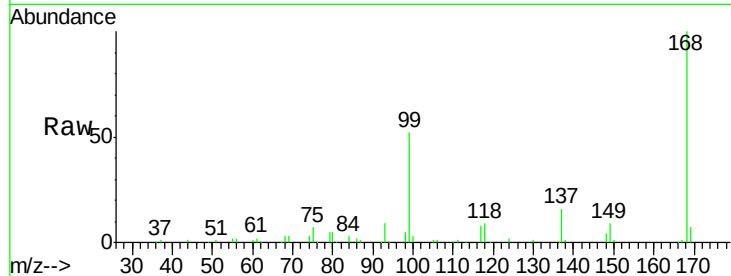
MW-4

Tot Ion:168 Resp: 110559

Ion Ratio Lower Upper

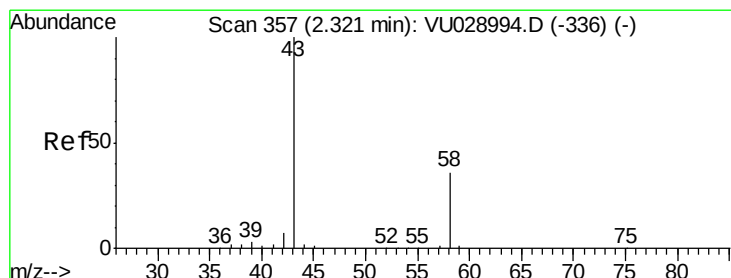
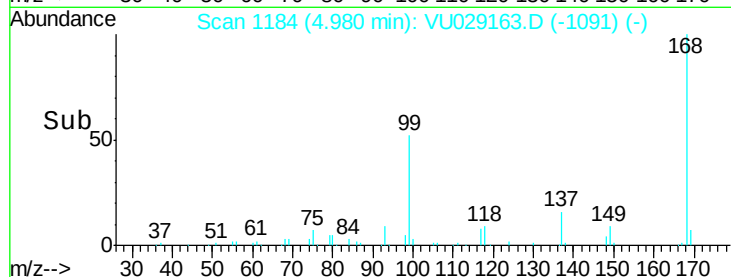
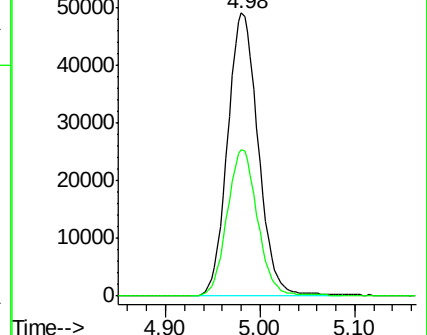
168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 3.534 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029163.D

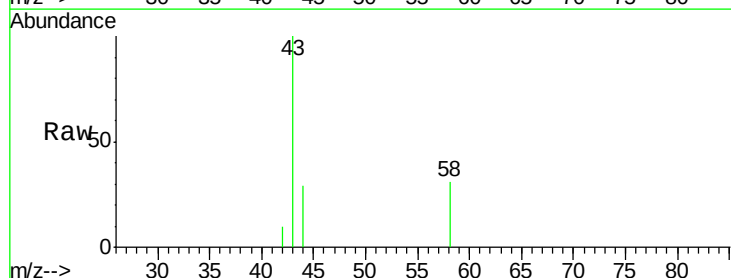
Acq: 14 Jan 2019 14:12

Tgt Ion: 43 Resp: 3043

Ion Ratio Lower Upper

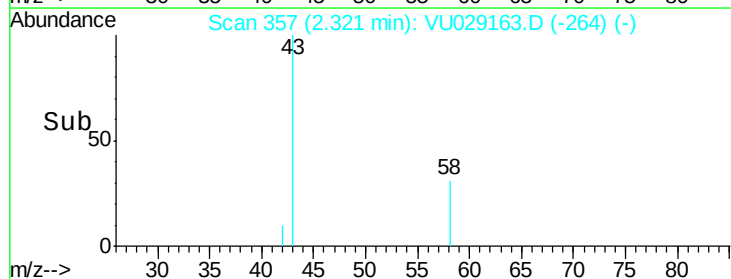
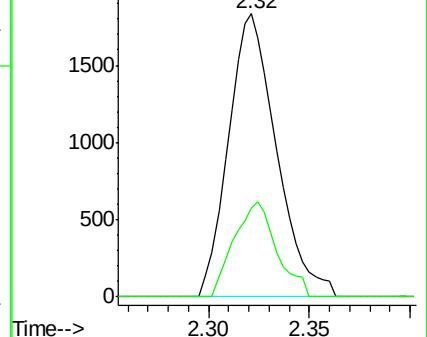
43 100

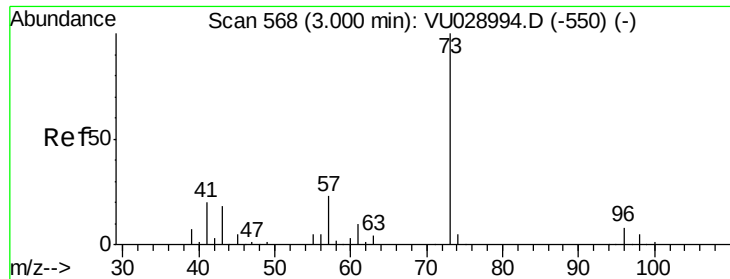
58 31.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

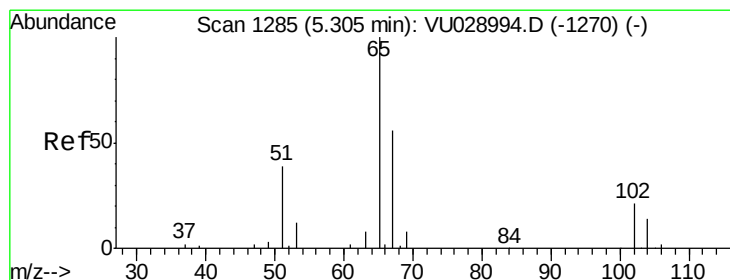
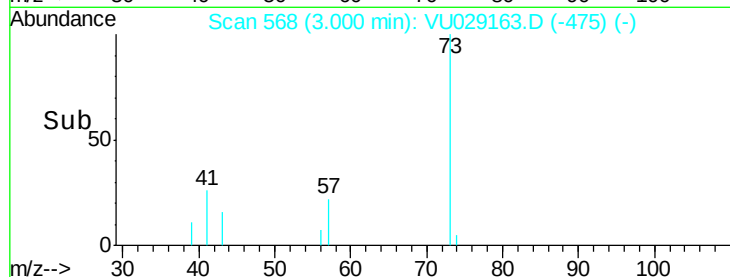
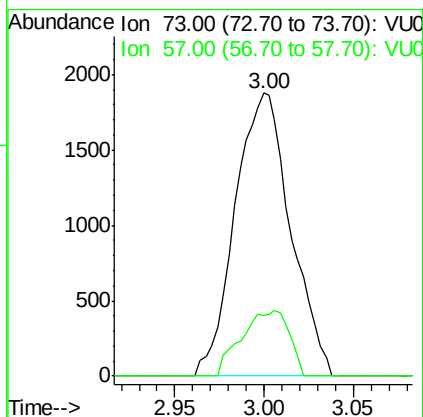
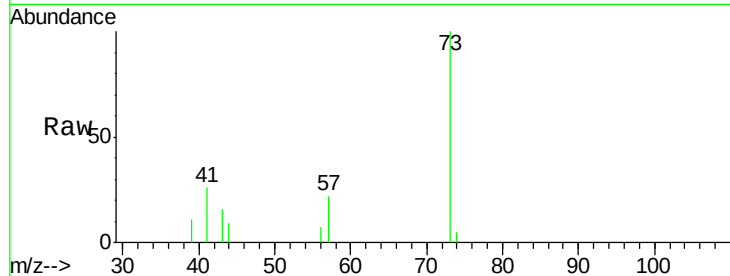




#19
Methyl tert-butyl Ether
Concen: 1.011 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU029163.D
Acq: 14 Jan 2019 14:12

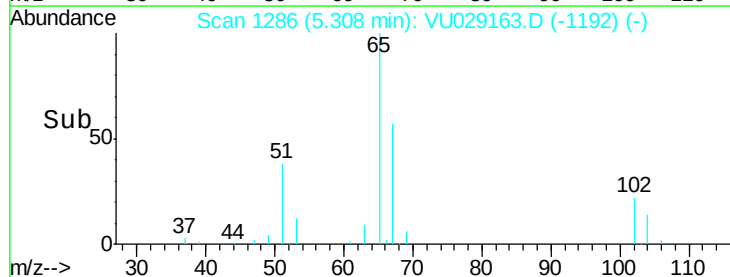
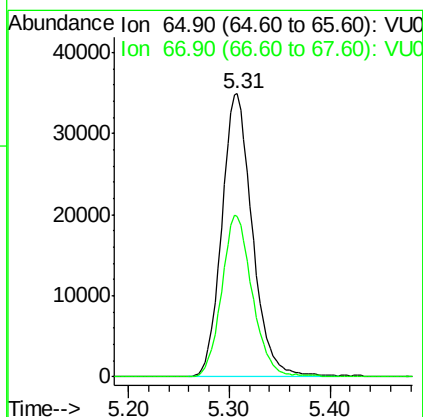
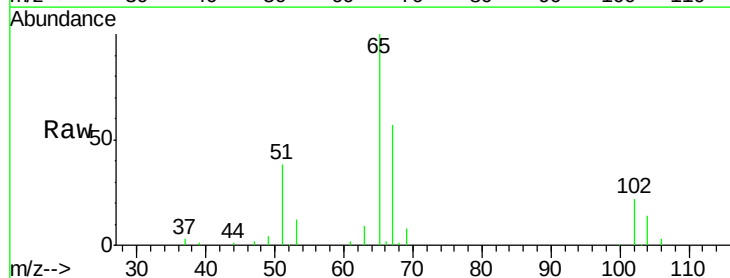
Instrument :
MSVOA_U
ClientSampled :
MW-4

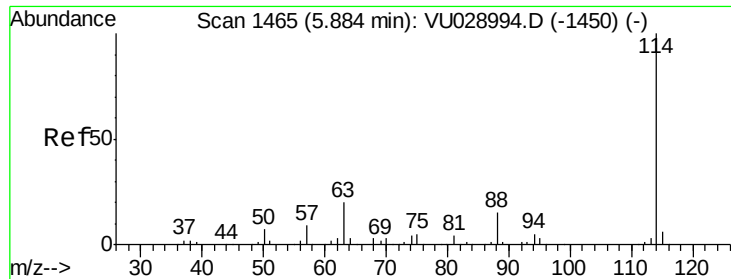
Tot Ion: 73 Resp: 4074
Ion Ratio Lower Upper
73 100
57 21.6 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 54.205 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029163.D
Acq: 14 Jan 2019 14:12

Tgt Ion: 65 Resp: 74084
Ion Ratio Lower Upper
65 100
67 57.1 0.0 111.0

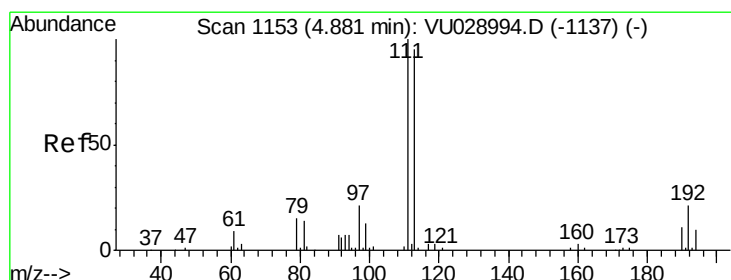
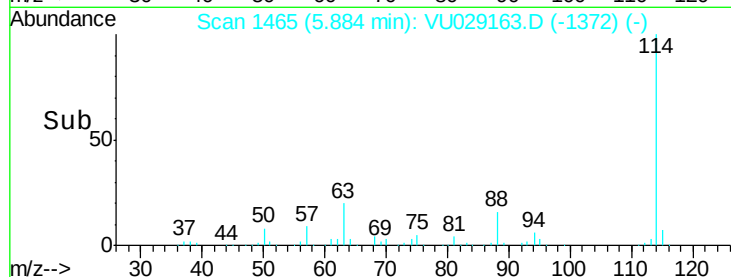
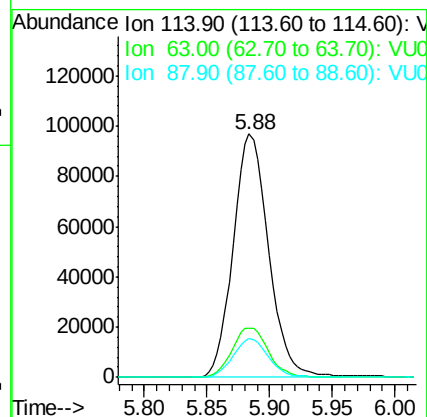
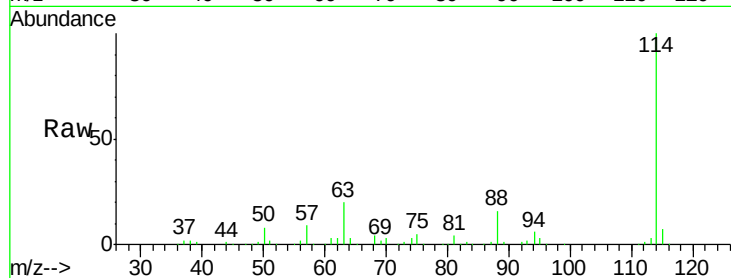




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029163.D
 Acq: 14 Jan 2019 14:12

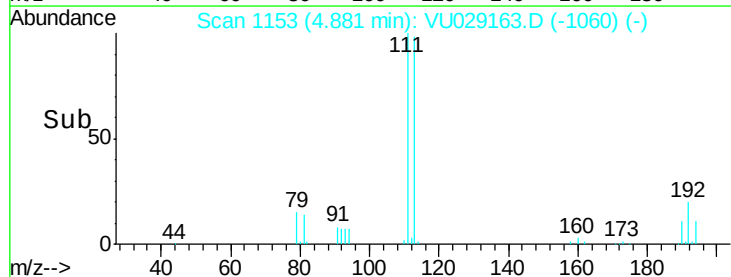
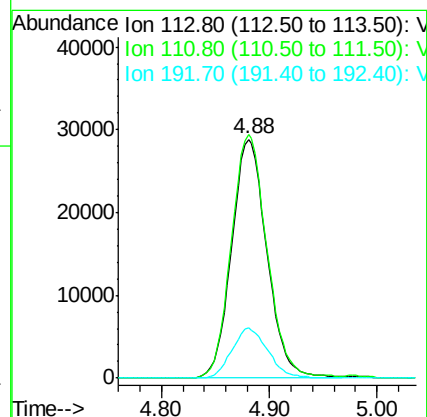
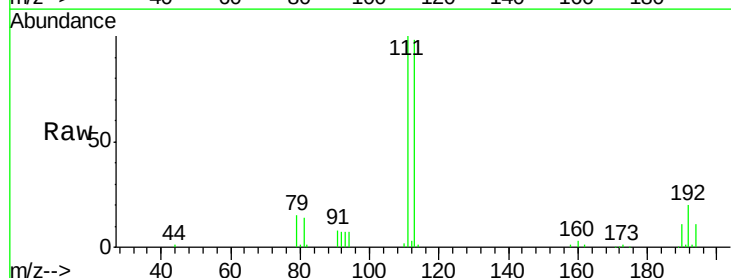
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

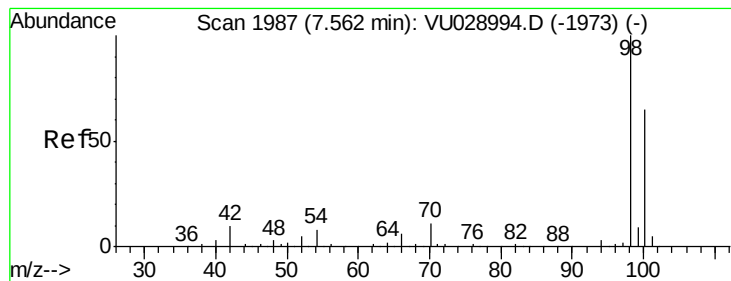
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	15.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 53.269 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU029163.D
 Acq: 14 Jan 2019 14:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	21.2	16.8	25.2





#50

Toluene-d8

Concen: 50.124 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU029163.D

Acq: 14 Jan 2019 14:12

Instrument :

MSVOA_U

ClientSampled :

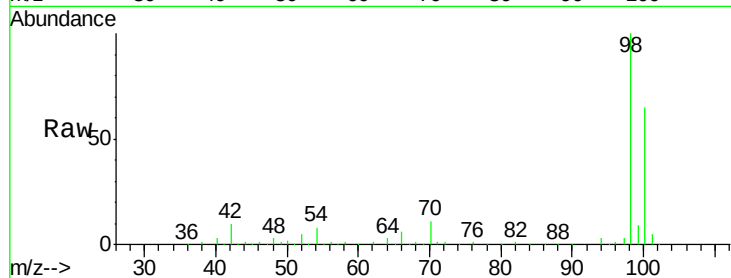
MW-4

Tot Ion: 98 Resp: 244089

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)

7.56

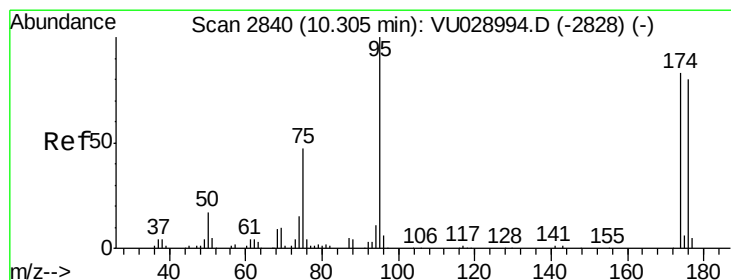
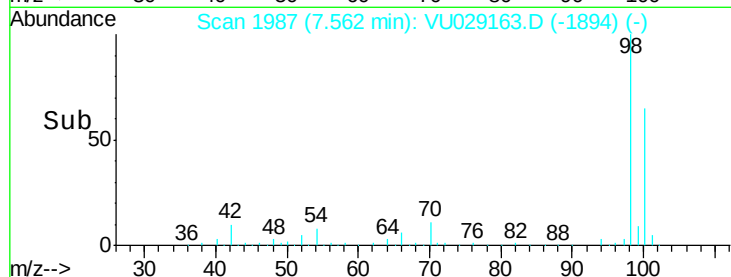
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.341 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029163.D

Acq: 14 Jan 2019 14:12

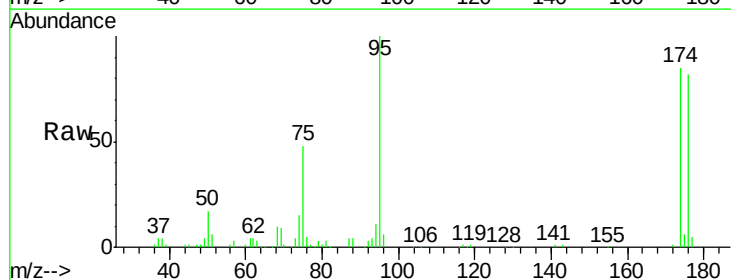
Tgt Ion: 95 Resp: 75851

Ion Ratio Lower Upper

95 100

174 86.1 0.0 170.6

176 81.7 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

10.30

60000

50000

40000

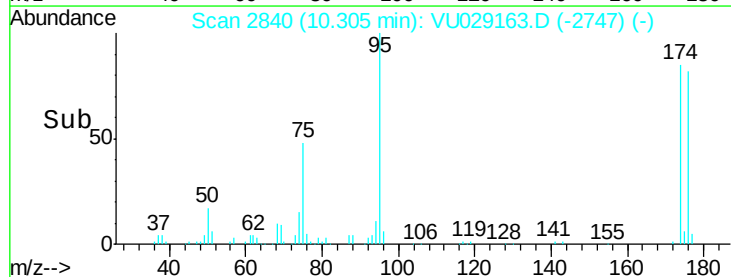
30000

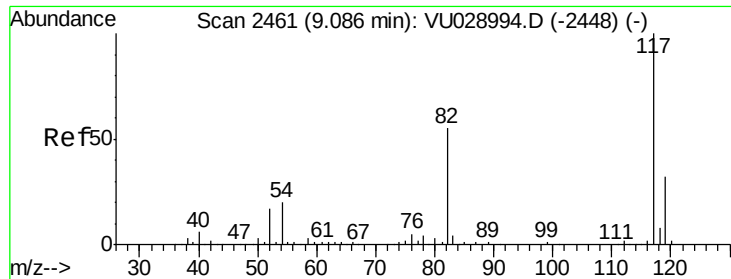
20000

10000

0

Time-->

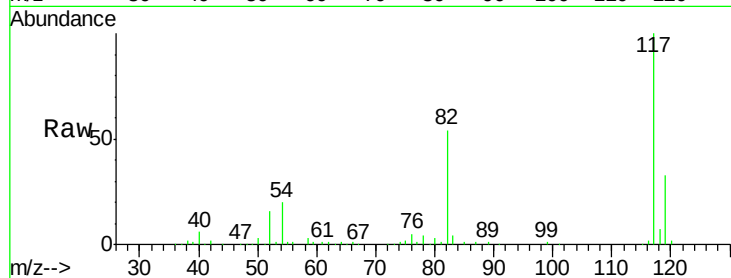




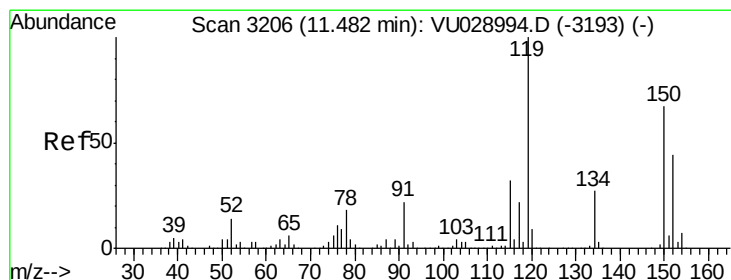
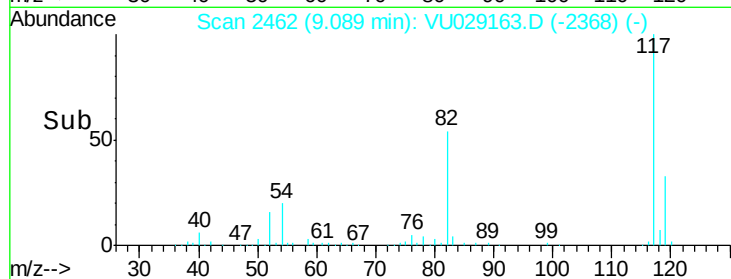
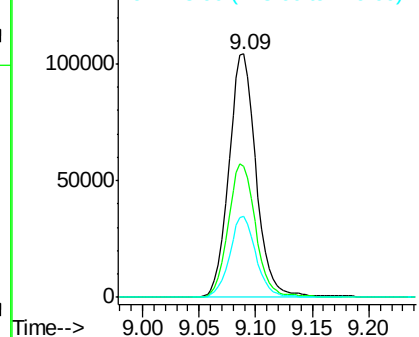
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029163.D
Acq: 14 Jan 2019 14:12

Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tot Ion:117 Resp: 174871
Ion Ratio Lower Upper
117 100
82 54.1 43.9 65.9
119 33.1 26.0 39.0

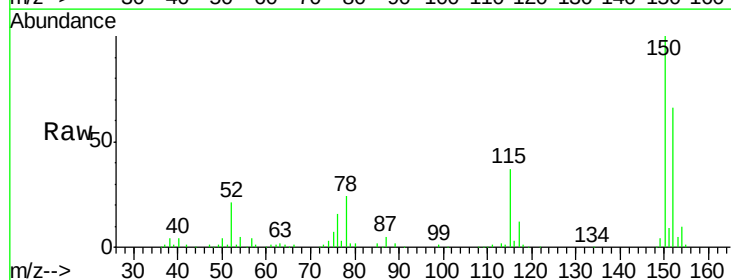


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU029163.D
Acq: 14 Jan 2019 14:12

Tgt Ion:152 Resp: 70412
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 154.2 0.0 345.2



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

