

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027374.D
 Acq On : 03 Oct 2018 22:39
 Operator : MD/SY
 Sample : J5163-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1R

Quant Time: Oct 08 12:28:50 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

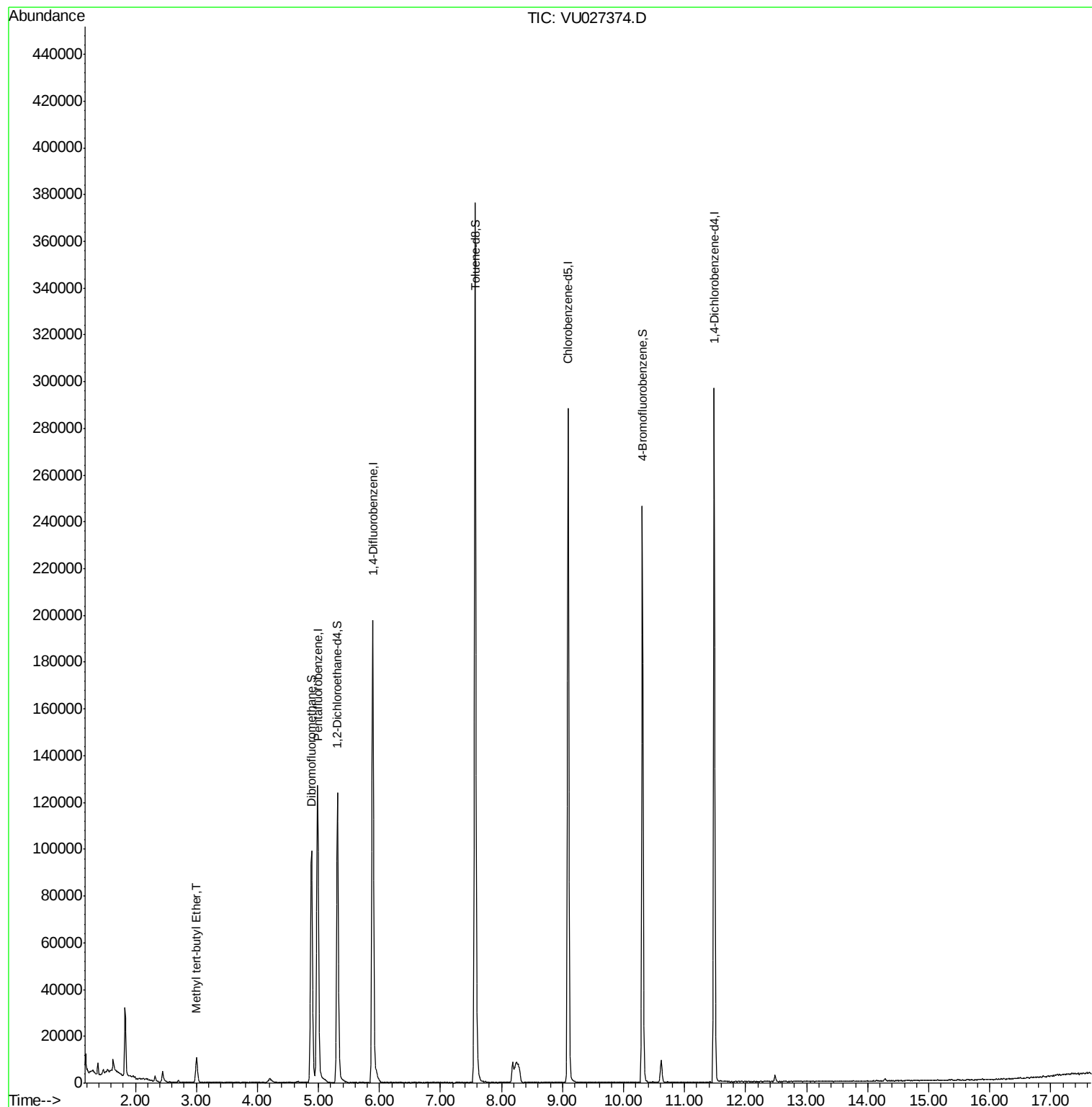
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	93627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161590	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96355	61.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.26%	
35) Dibromofluoromethane	4.89	113	69258	62.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.08%	
50) Toluene-d8	7.57	98	251037	60.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.14%	
62) 4-Bromofluorobenzene	10.31	95	81231	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
Target Compounds						
19) Methyl tert-butyl Ether	3.00	73	10162	2.564	ug/l	Qvalue 99

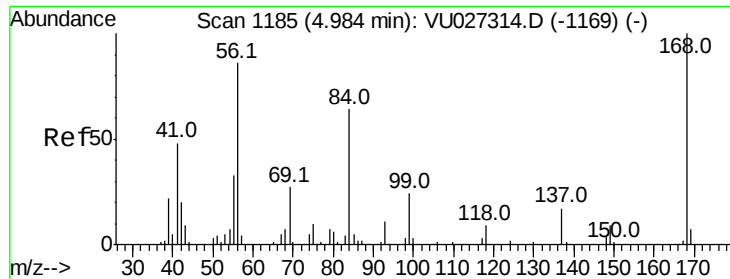
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027374.D

Acq: 03 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

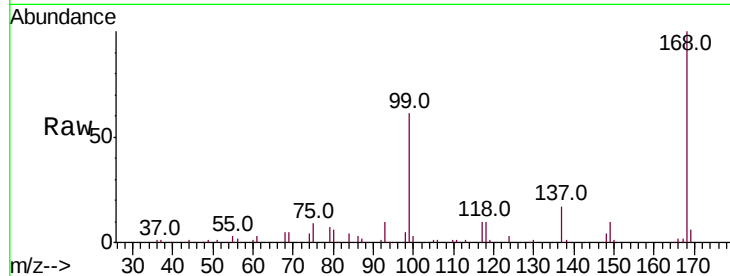
MW-1R

Tot Ion:168 Resp: 93627

Ion Ratio Lower Upper

168 100

99 60.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027374.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027374.D (-1169) (-)

4.99

40000

30000

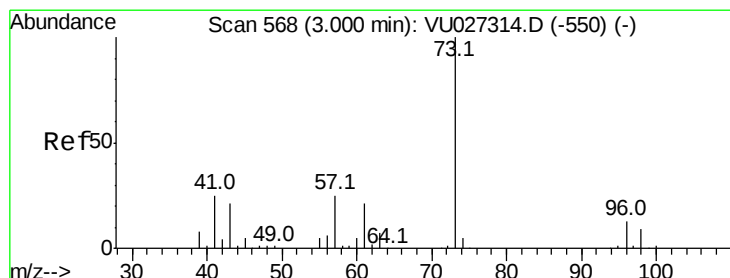
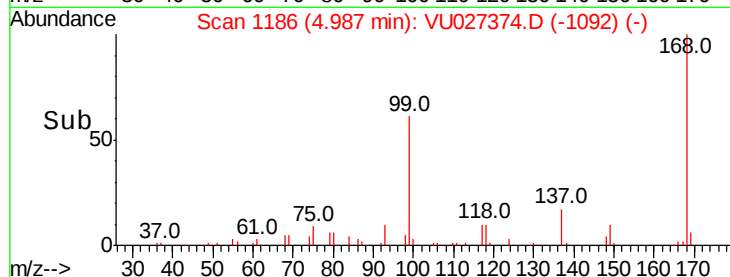
20000

10000

0

4.90 5.00 5.10

Time-->



#19

Methyl tert-butyl Ether

Concen: 2.564 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU027374.D

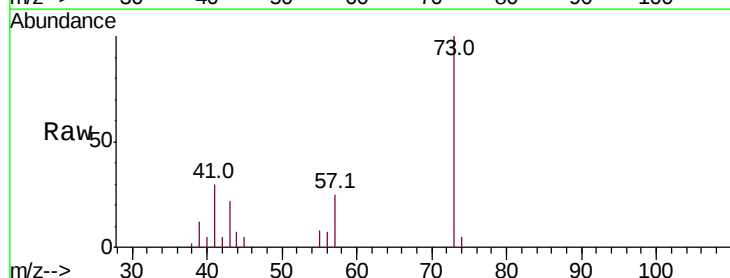
Acq: 03 Oct 2018 22:39

Tgt Ion: 73 Resp: 10162

Ion Ratio Lower Upper

73 100

57 25.3 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VU027374.D (-550) (-)

Ion 57.00 (56.70 to 57.70): VU027374.D (-550) (-)

3.00

5000

4000

3000

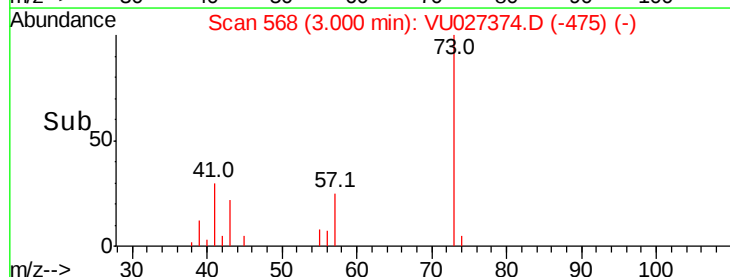
2000

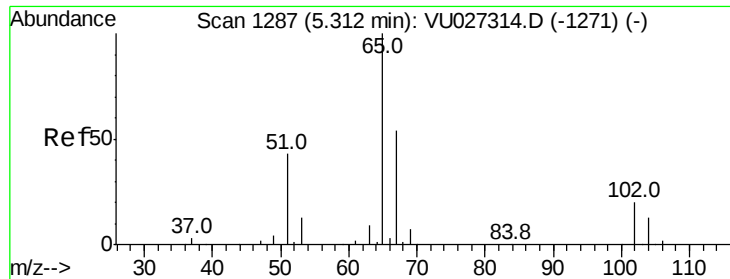
1000

0

2.95 3.00 3.05

Time-->

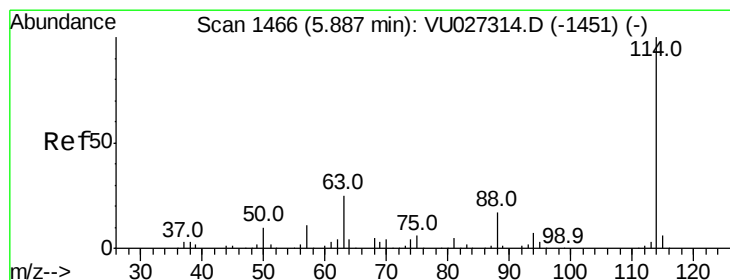
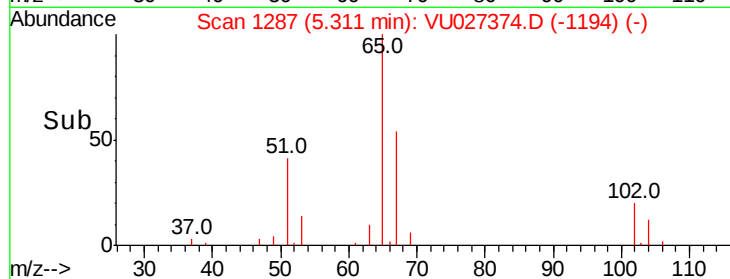
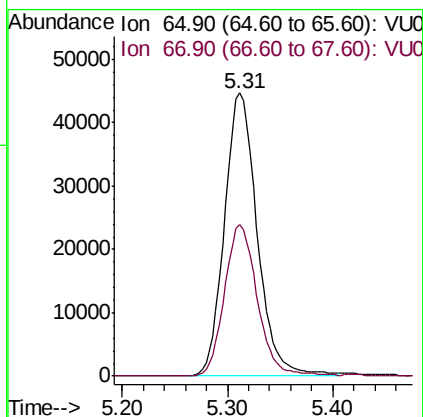
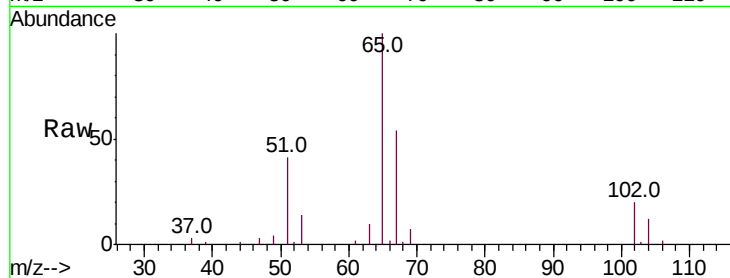




#33
 1,2-Dichloroethane-d4
 Concen: 61.631 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027374.D
 Acq: 03 Oct 2018 22:39

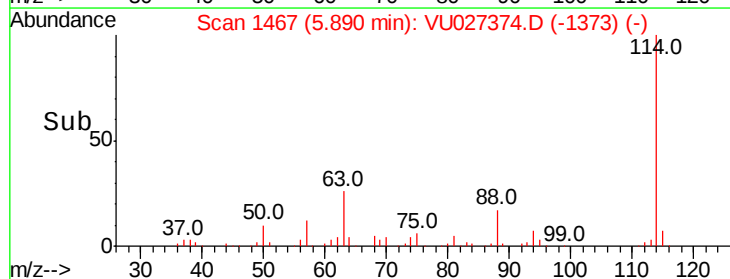
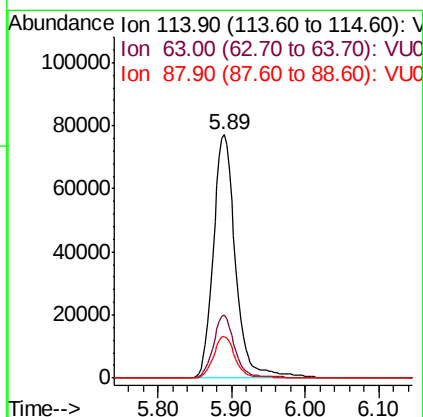
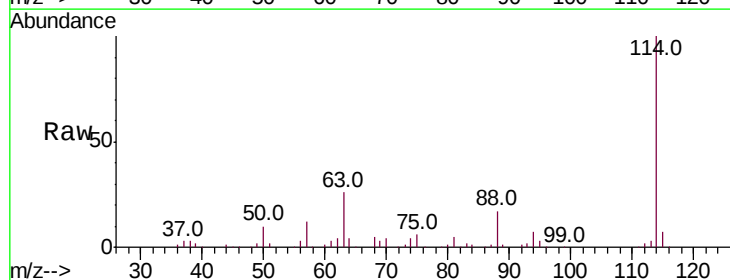
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1R

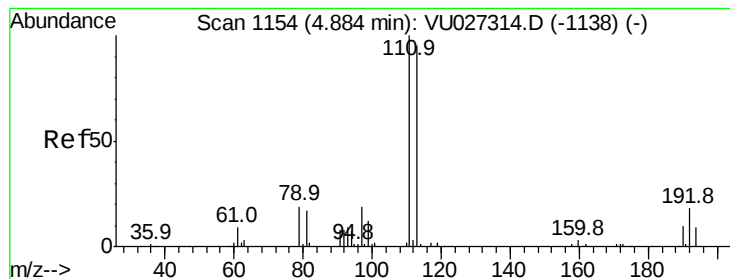
Tot Ion: 65 Resp: 96355
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027374.D
 Acq: 03 Oct 2018 22:39

Tgt Ion: 114 Resp: 161590
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 50.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 62.540 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027374.D

Acq: 03 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

MW-1R

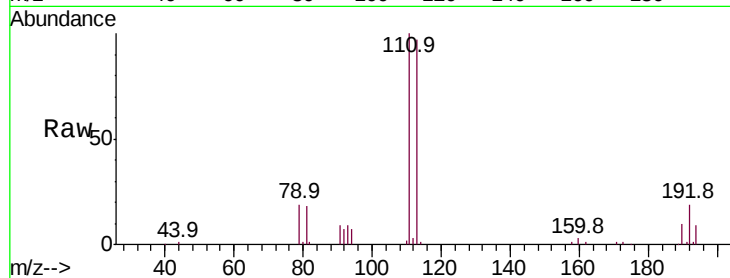
Tot Ion:113 Resp: 69258

Ion Ratio Lower Upper

113 100

111 101.7 83.1 124.7

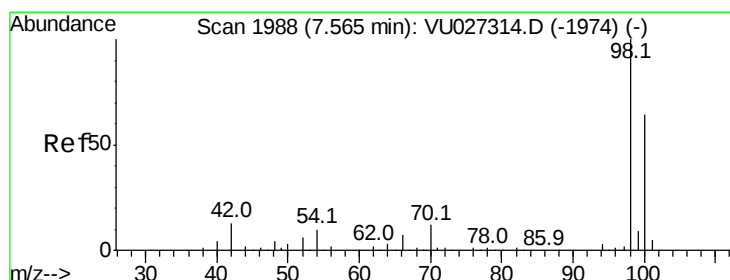
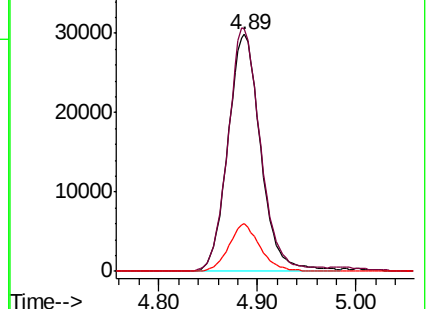
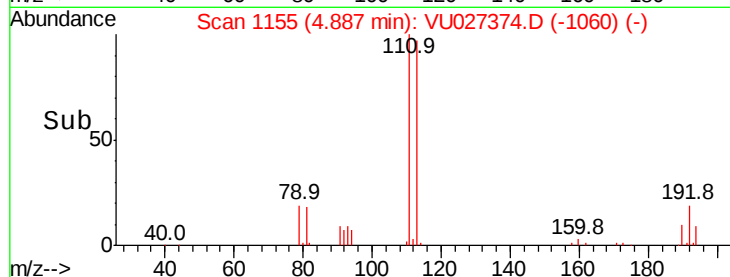
192 19.0 15.4 23.0



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: 60.568 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027374.D

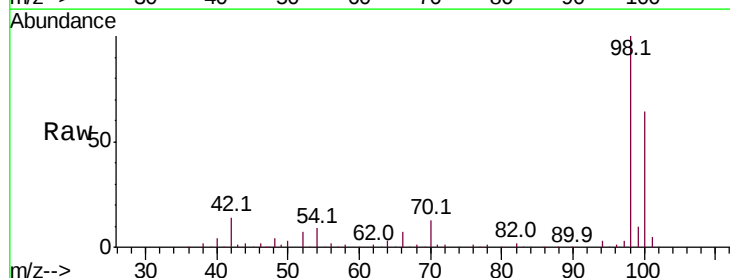
Acq: 03 Oct 2018 22:39

Tgt Ion: 98 Resp: 251037

Ion Ratio Lower Upper

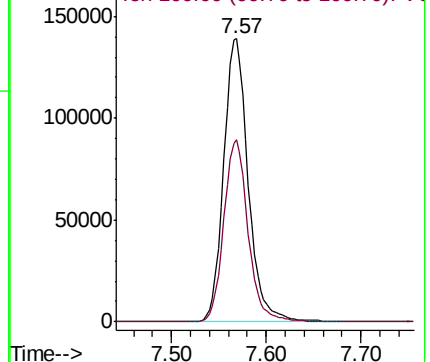
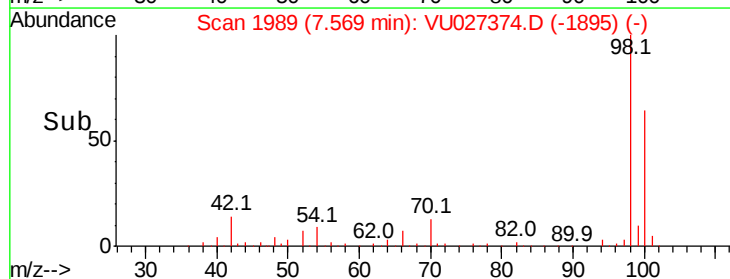
98 100

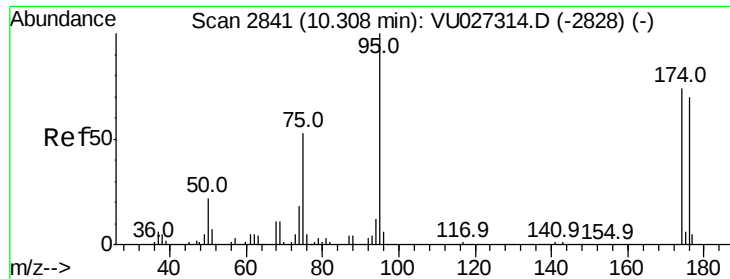
100 63.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

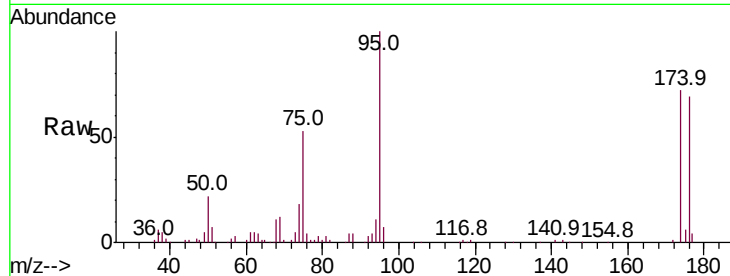




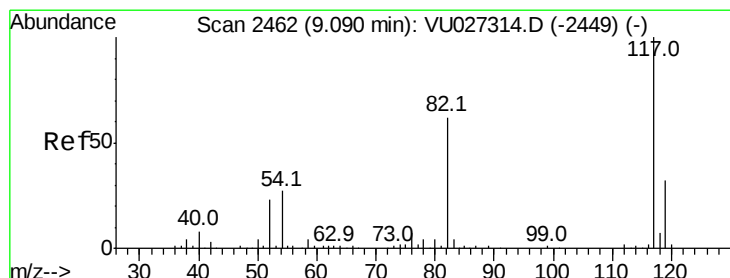
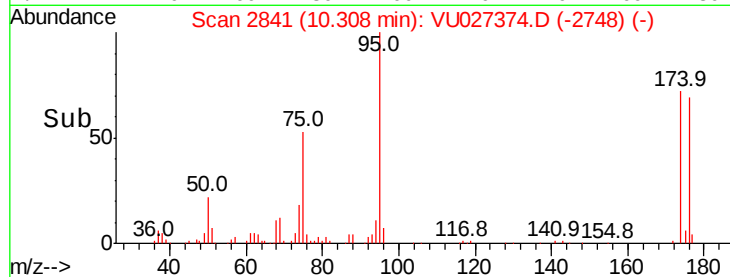
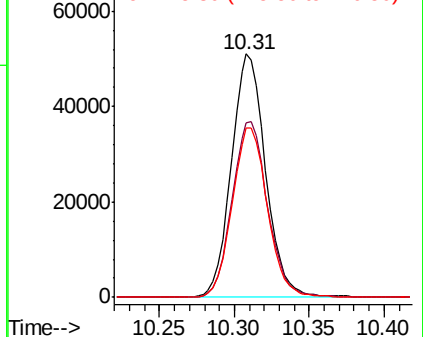
#62
 4-Bromofluorobenzene
 Concen: 52.735 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027374.D
 Acq: 03 Oct 2018 22:39

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1R

Tot Ion	95	Resp	81231
Ion Ratio	100	Lower	Upper
174	75.1	0.0	147.8
176	72.0	0.0	140.8

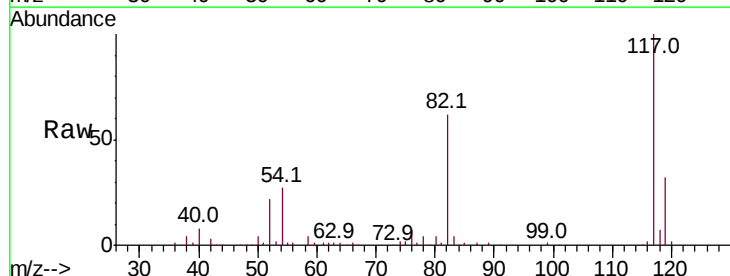


Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)
 Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)
 Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

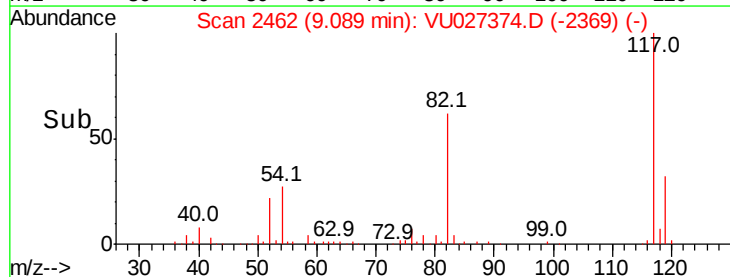
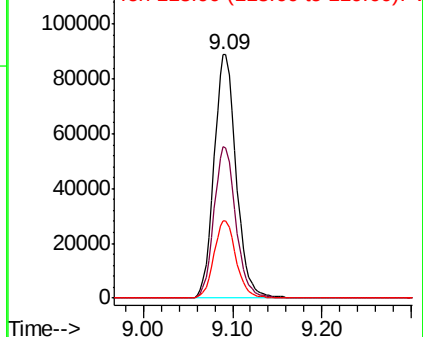


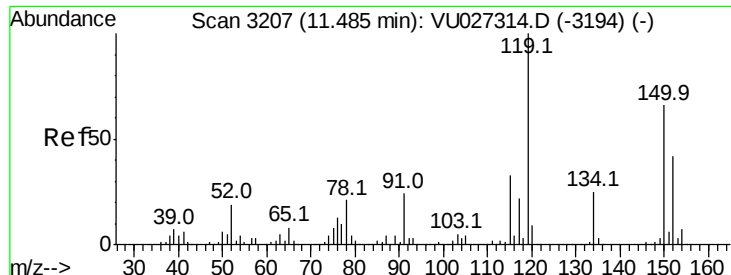
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027374.D
 Acq: 03 Oct 2018 22:39

Tgt Ion	117	Resp	152437
Ion Ratio	100	Lower	Upper
82	62.2	49.2	73.8
119	31.9	25.7	38.5



Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)
 Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)
 Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027374.D

Acq: 03 Oct 2018 22:39

Instrument :

MSVOA_U

ClientSampleId :

MW-1R

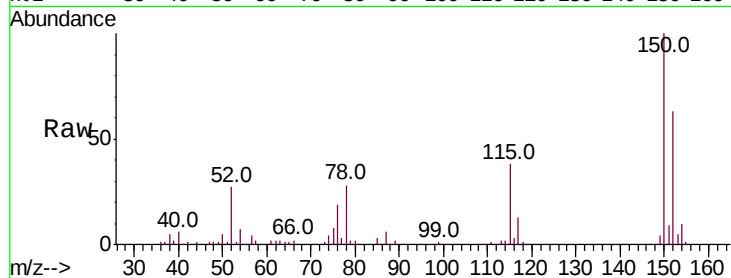
Tot Ion:152 Resp: 71747

Ion Ratio Lower Upper

152 100

115 61.3 43.4 130.2

150 157.6 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

