

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027378.D
 Acq On : 04 Oct 2018 00:12
 Operator : MD/SY
 Sample : J5163-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

Quant Time: Oct 04 01:23:02 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

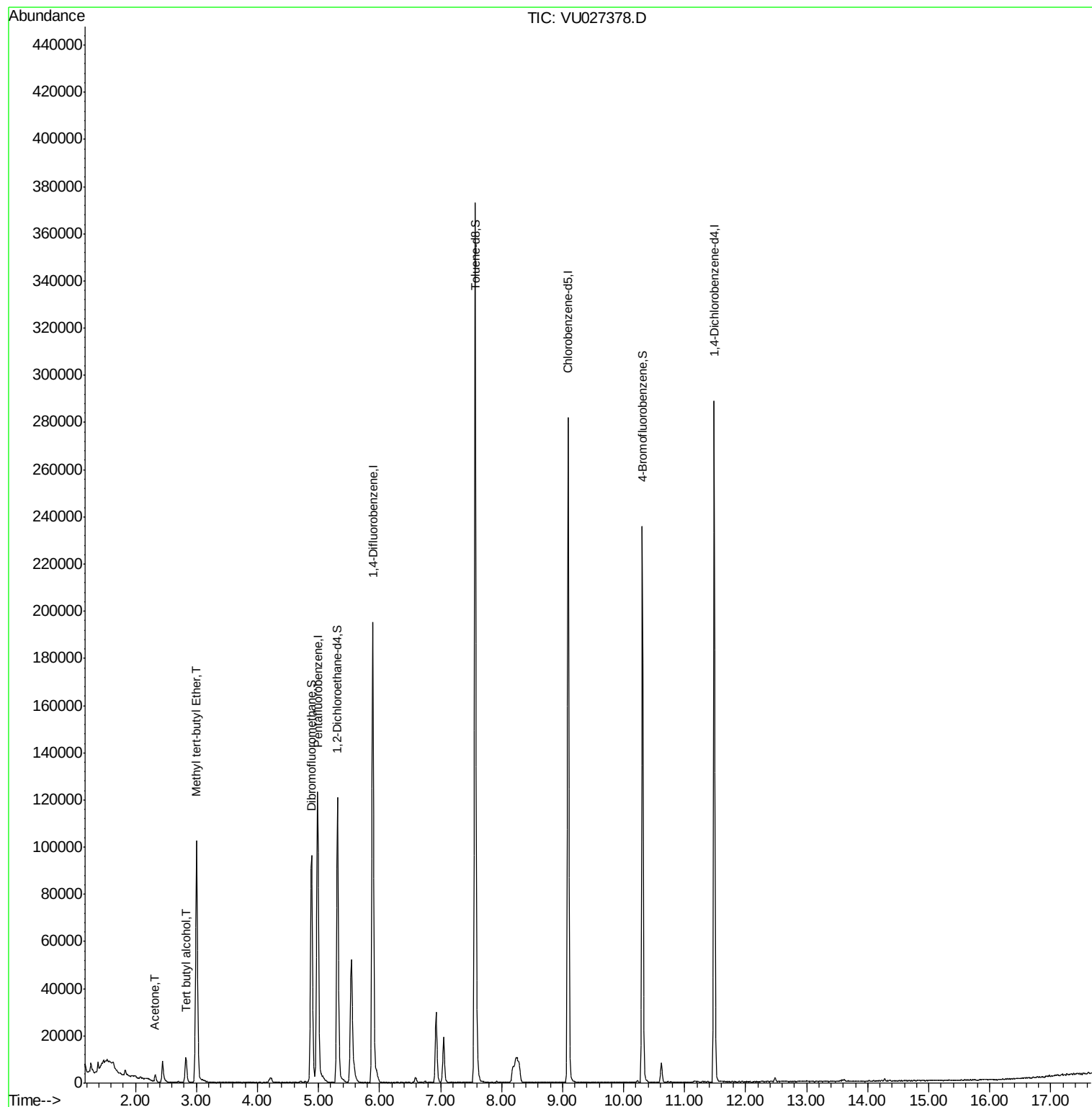
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	89086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160535	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95405	64.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.26%	
35) Dibromofluoromethane	4.89	113	66964	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
50) Toluene-d8	7.57	98	247378	60.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.16%	
62) 4-Bromofluorobenzene	10.31	95	78176	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	11450	36.551	ug/l	96
16) Acetone	2.32	43	3515	4.000	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	98913	26.233	ug/l	98

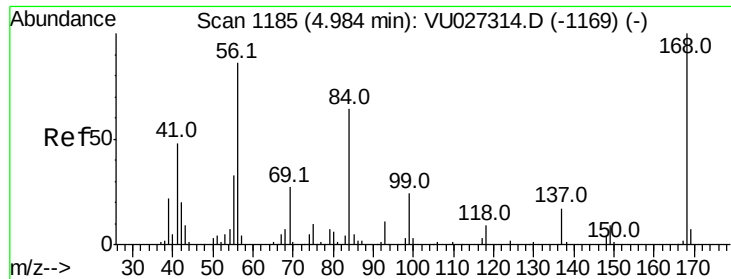
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027378.D

Acq: 04 Oct 2018 00:12

Instrument :

MSVOA_U

ClientSampleId :

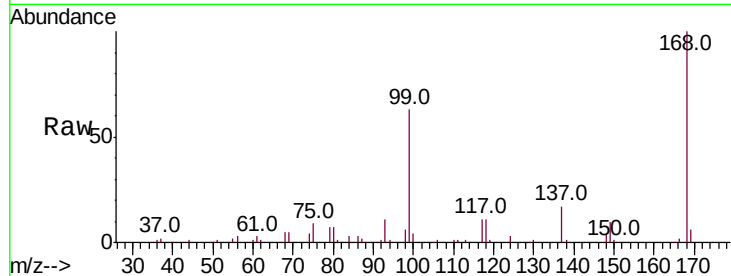
MW-6

Tot Ion:168 Resp: 89086

Ion Ratio Lower Upper

168 100

99 63.2 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

40000

30000

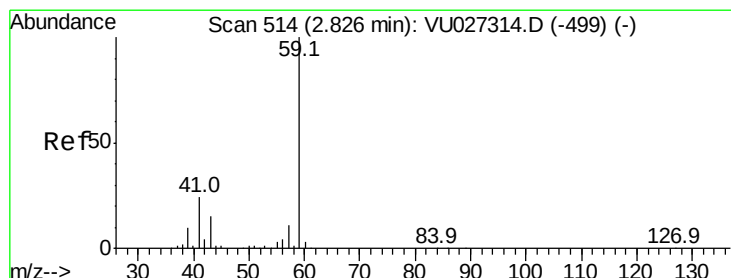
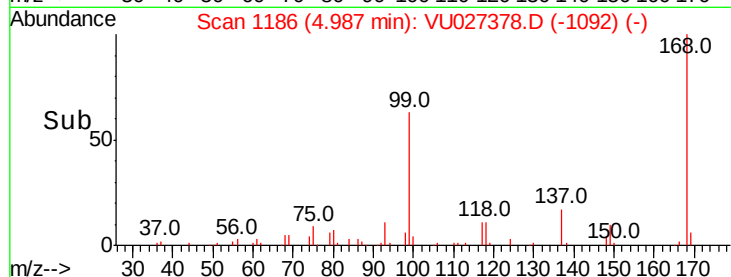
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 36.551 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027378.D

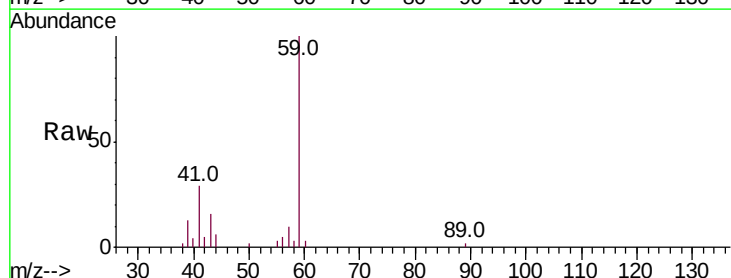
Acq: 04 Oct 2018 00:12

Tgt Ion: 59 Resp: 11450

Ion Ratio Lower Upper

59 100

57 8.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.83

6000

5000

4000

3000

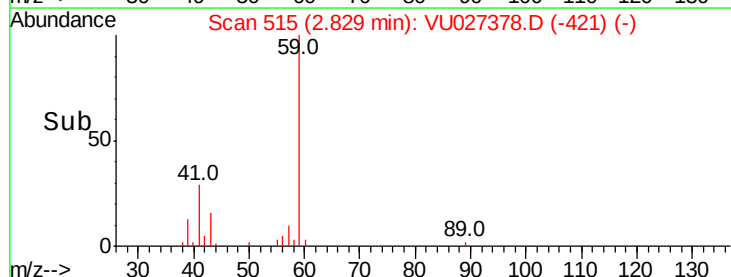
2000

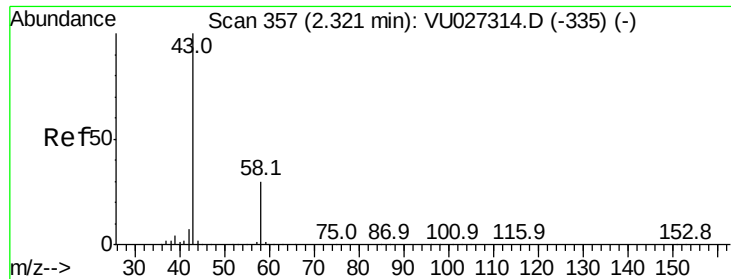
1000

0

2.75 2.80 2.85 2.90

Time-->





#16

Acetone

Concen: 4.000 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027378.D

Acq: 04 Oct 2018 00:12

Instrument :

MSVOA_U

ClientSampleId :

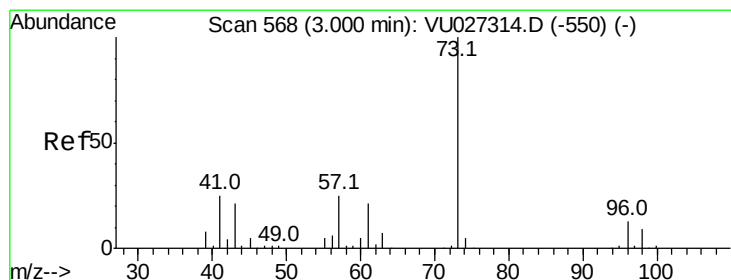
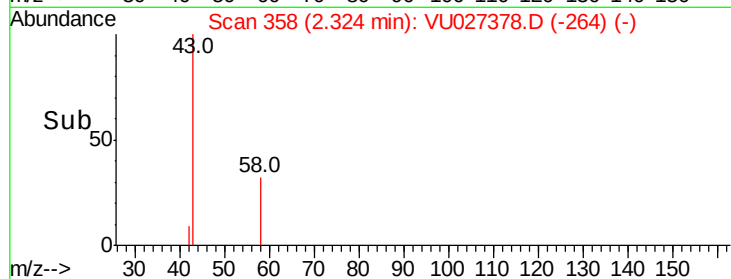
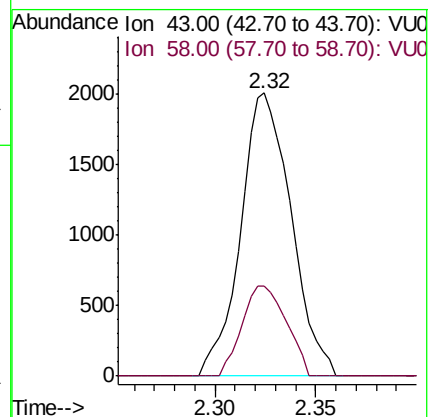
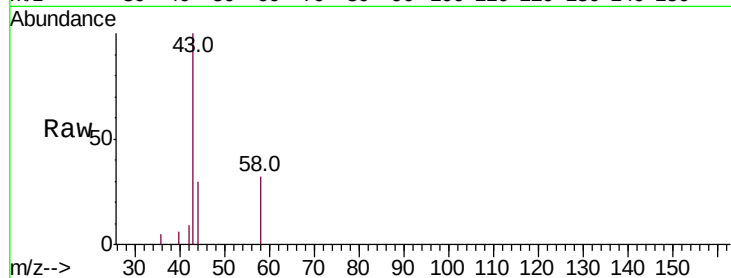
MW-6

Tot Ion: 43 Resp: 3515

Ion Ratio Lower Upper

43 100

58 31.7 24.2 36.4



#19

Methyl tert-butyl Ether

Concen: 26.233 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU027378.D

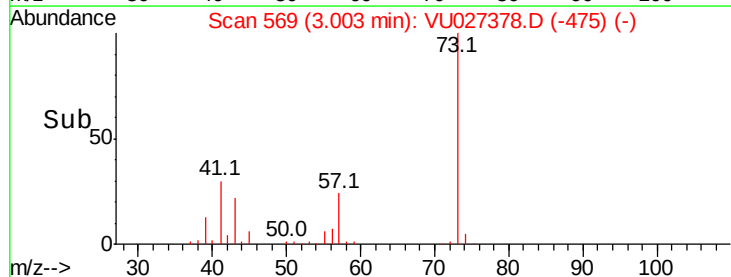
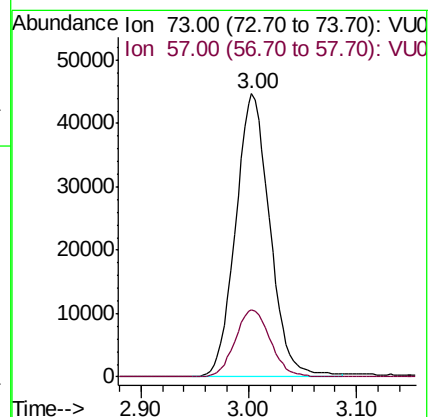
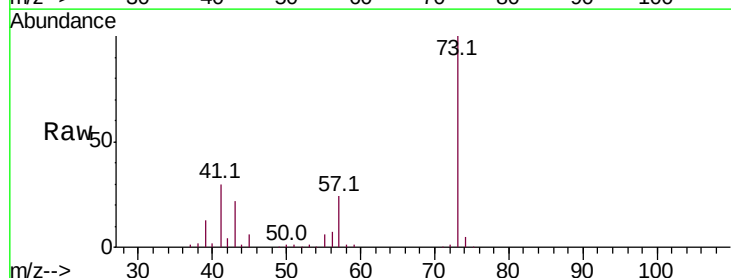
Acq: 04 Oct 2018 00:12

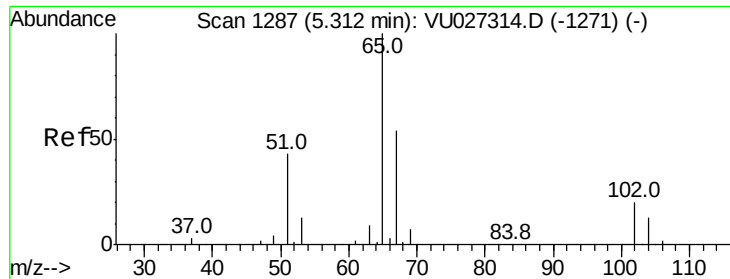
Tgt Ion: 73 Resp: 98913

Ion Ratio Lower Upper

73 100

57 23.8 20.0 30.0

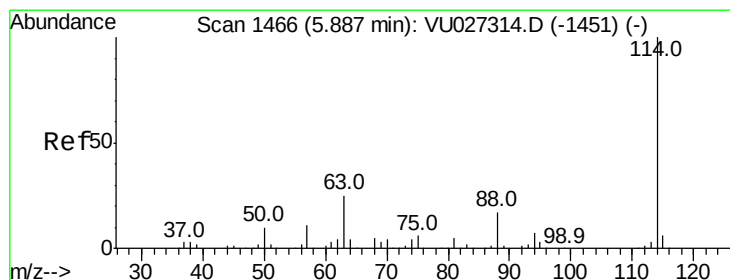
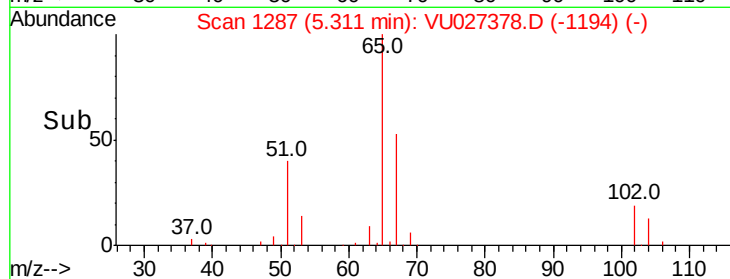
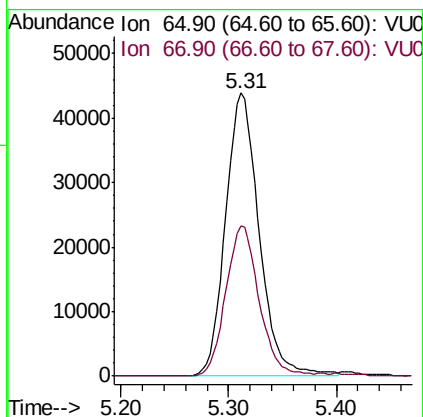
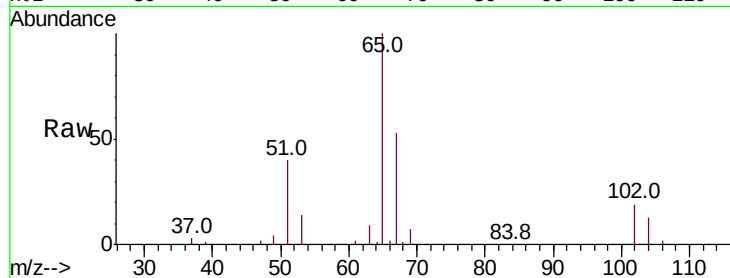




#33
 1,2-Dichloroethane-d4
 Concen: 64.134 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027378.D
 Acq: 04 Oct 2018 00:12

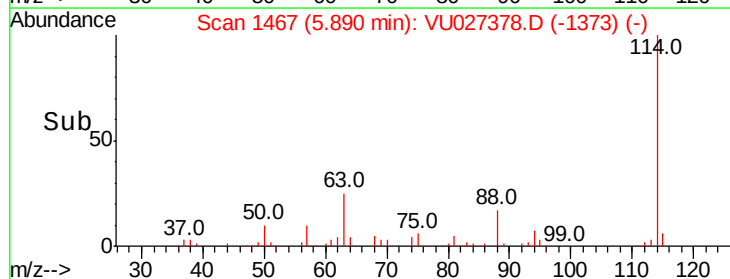
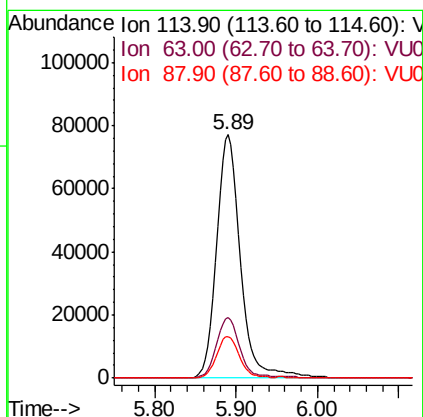
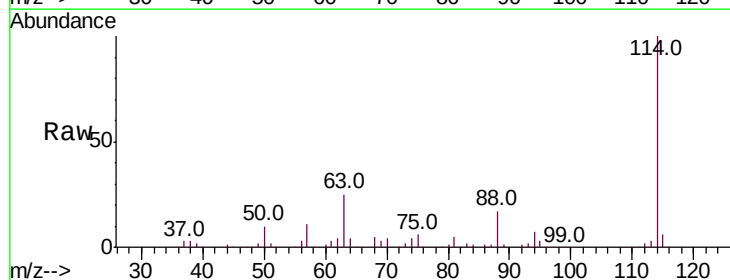
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

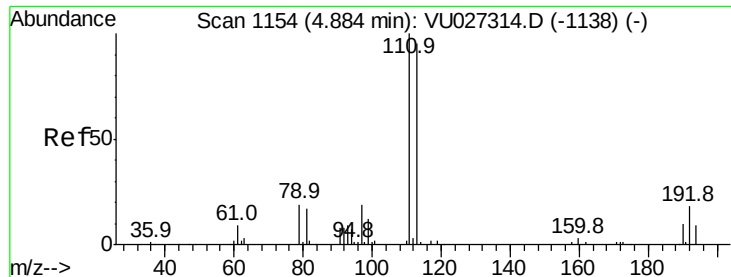
Tot Ion: 65 Resp: 95405
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027378.D
 Acq: 04 Oct 2018 00:12

Tgt Ion: 114 Resp: 160535
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.2 0.0 33.8

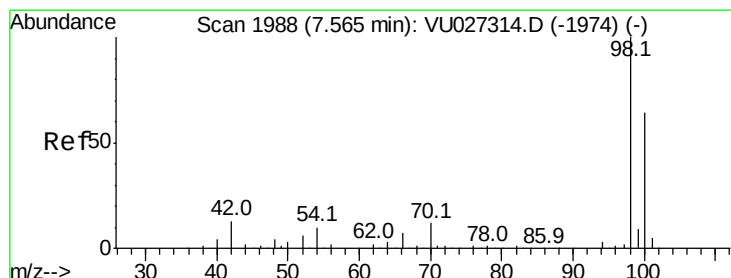
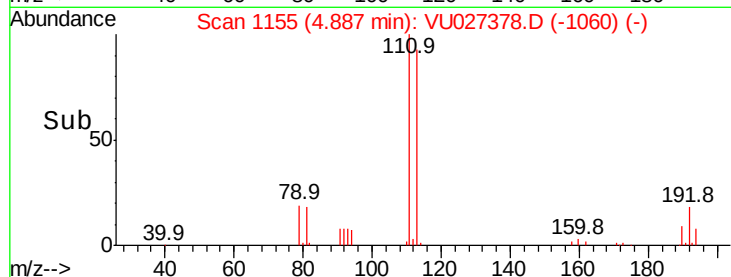
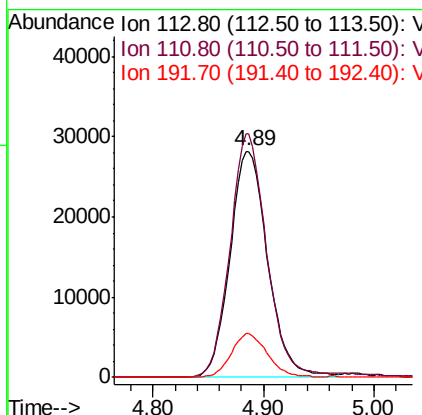
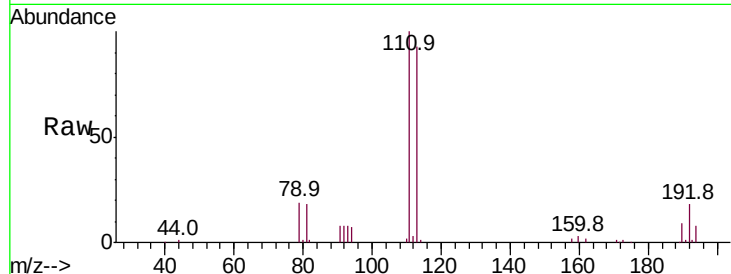




#35
 Dibromofluoromethane
 Concen: 60.866 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027378.D
 Acq: 04 Oct 2018 00:12

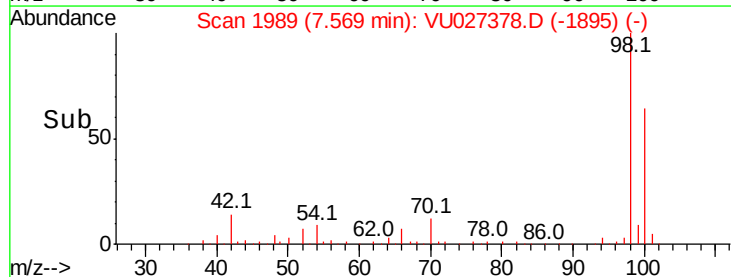
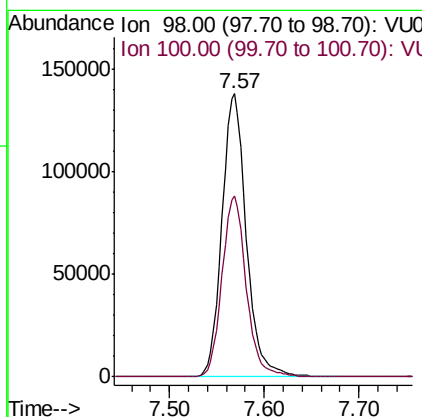
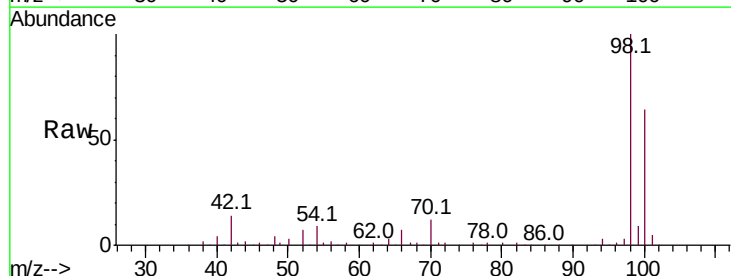
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

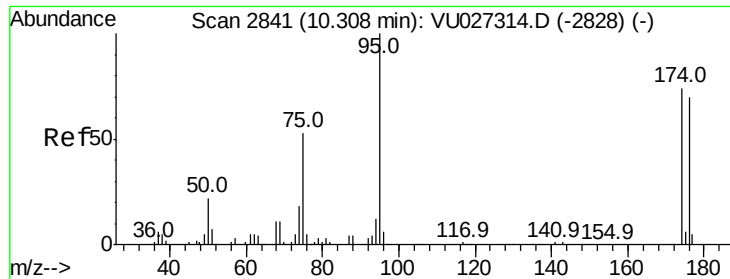
Tot Ion:113 Resp: 66964
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.1 124.7
 192 18.7 15.4 23.0



#50
 Toluene-d8
 Concen: 60.077 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027378.D
 Acq: 04 Oct 2018 00:12

Tgt Ion: 98 Resp: 247378
 Ion Ratio Lower Upper
 98 100
 100 63.6 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 51.086 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027378.D

Acq: 04 Oct 2018 00:12

Instrument :

MSVOA_U

ClientSampled :

MW-6

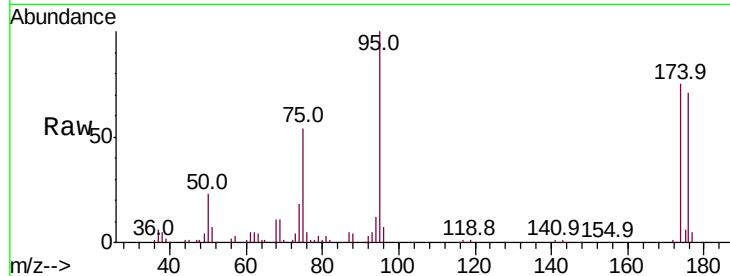
Tot Ion: 95 Resp: 78176

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.8

176 71.8 0.0 140.8

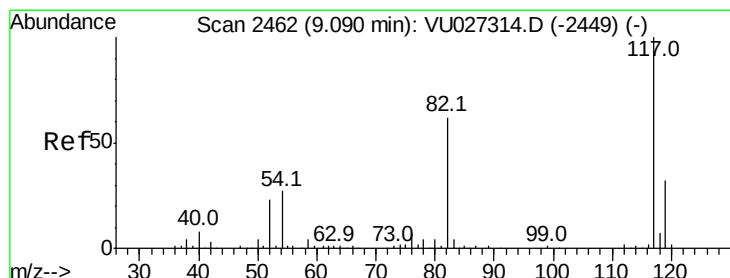
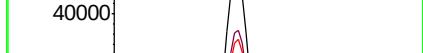
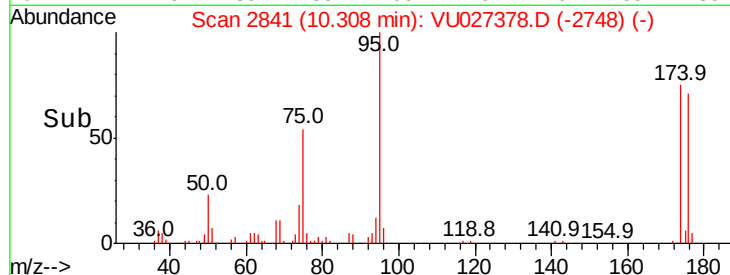


Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027378.D

Acq: 04 Oct 2018 00:12

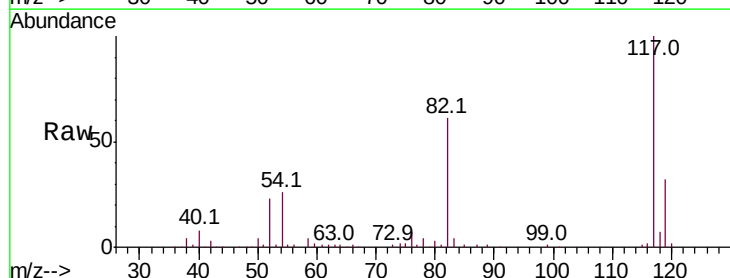
Tgt Ion: 117 Resp: 147711

Ion Ratio Lower Upper

117 100

82 61.4 49.2 73.8

119 31.7 25.7 38.5

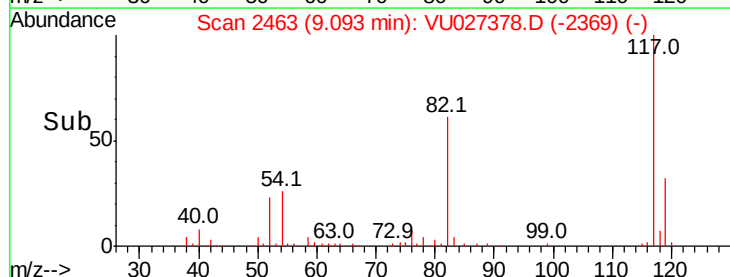


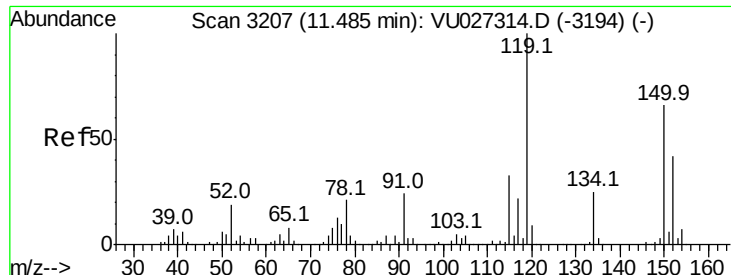
Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027378.D
 Acq: 04 Oct 2018 00:12

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

Tot Ion:152 Resp: 68019
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.4 130.2
 150 156.9 0.0 349.2

