

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034170.D
 Acq On : 01 Sep 2019 15:42
 Operator : JC/SP
 Sample : K4648-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Quant Time: Sep 02 09:08:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

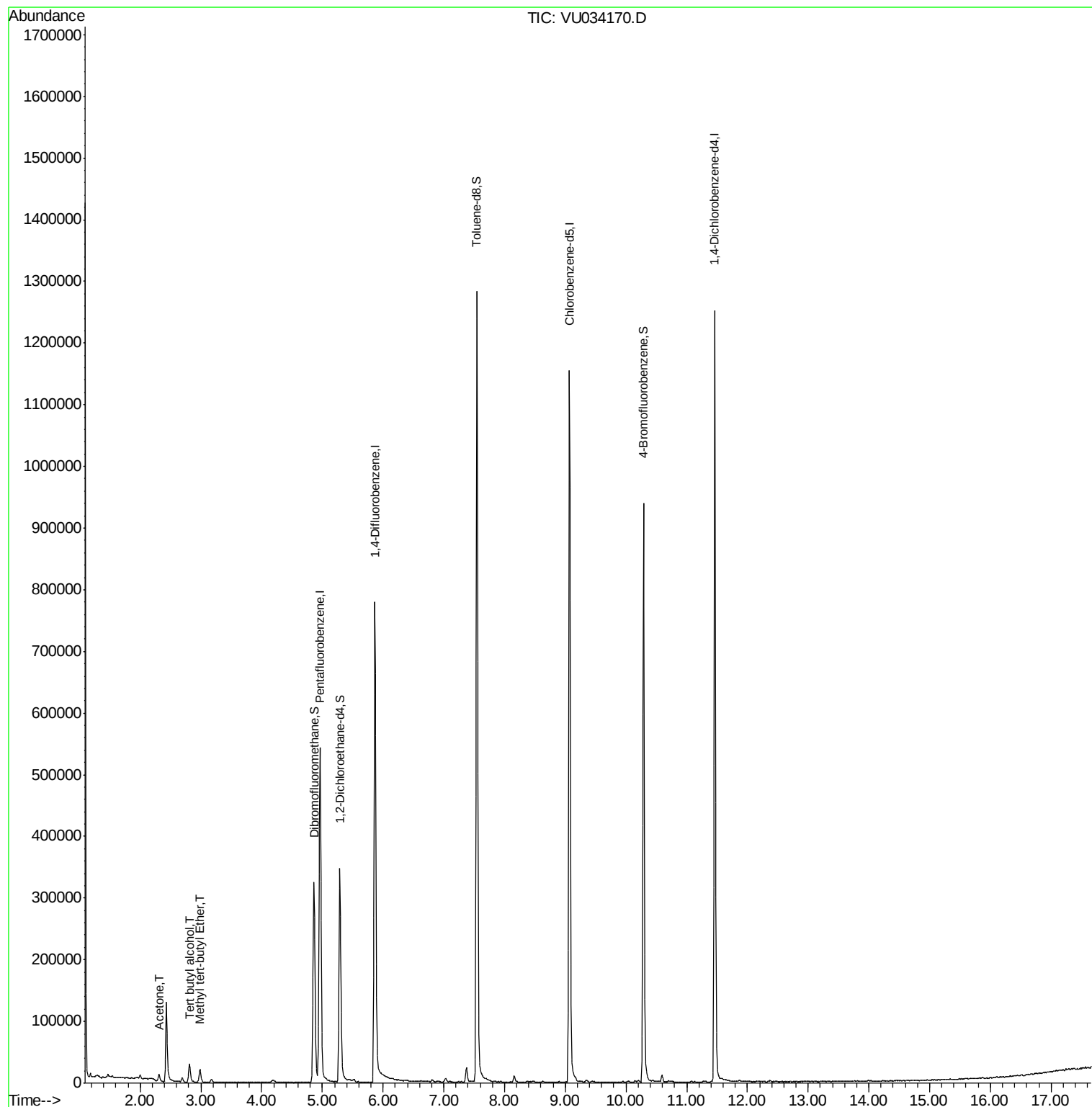
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	439716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	692389	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	678463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	342711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	276099	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	4.86	113	232885	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	7.55	98	902171	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	10.29	95	318538	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
11) Tert butyl alcohol	2.81	59	35370	27.223	ug/l	99
16) Acetone	2.31	43	13255	4.611	ug/l	98
19) Methyl tert-butyl Ether	2.99	73	22271	1.544	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034170.D

Acq: 01 Sep 2019 15:42

Instrument :

MSVOA_U

ClientSampled :

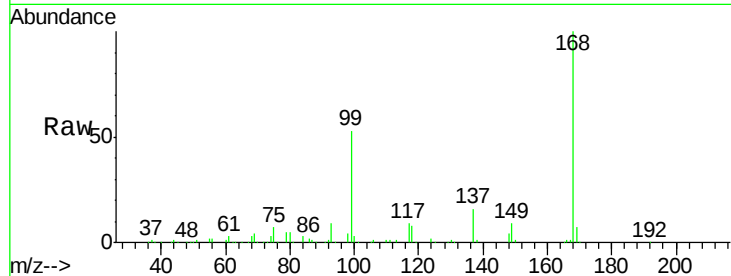
MW-5

Tot Ion:168 Resp: 439716

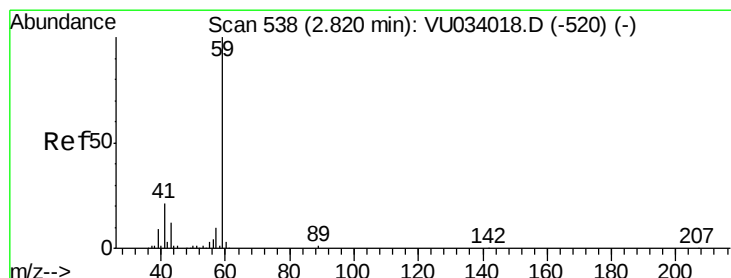
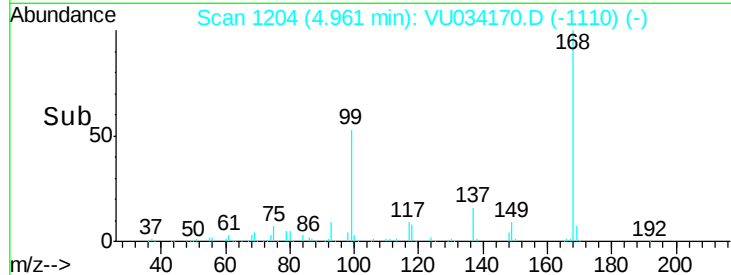
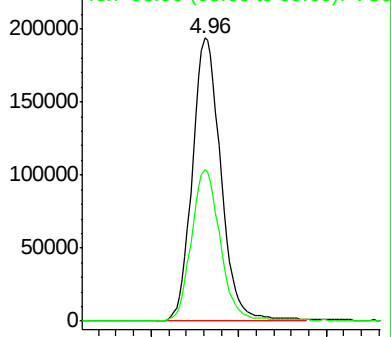
Ion Ratio Lower Upper

168 100

99 53.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034170.D (-1185) (-)



#11

Tert butyl alcohol

Concen: 27.223 ug/l

RT: 2.81 min Scan# 536

Delta R.T. -0.01 min

Lab File: VU034170.D

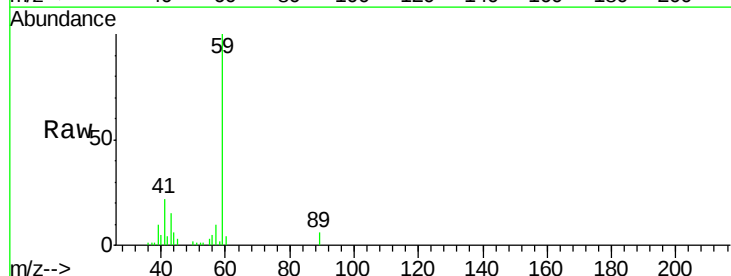
Acq: 01 Sep 2019 15:42

Tgt Ion: 59 Resp: 35370

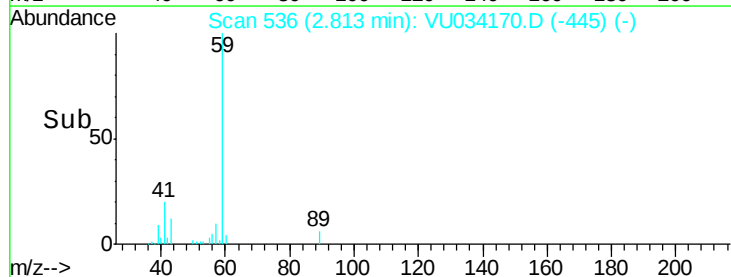
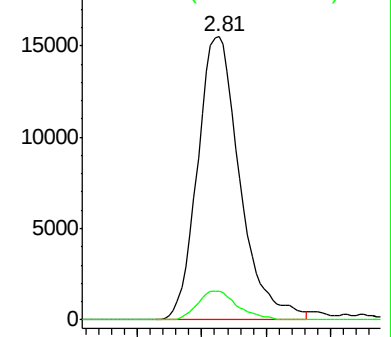
Ion Ratio Lower Upper

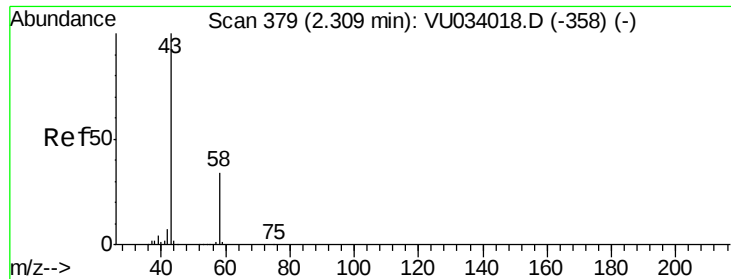
59 100

57 9.5 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VU034170.D (-445) (-)





#16

Acetone

Concen: 4.611 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034170.D

Acq: 01 Sep 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

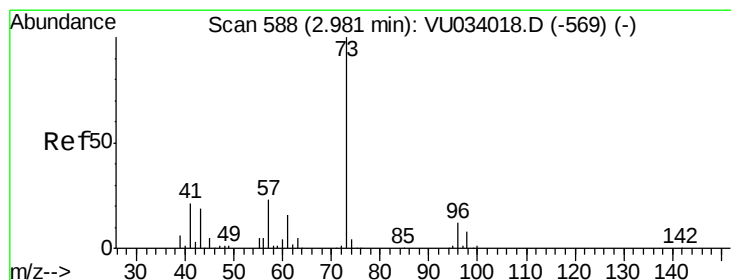
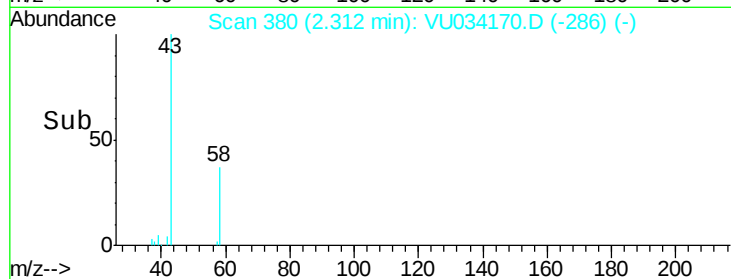
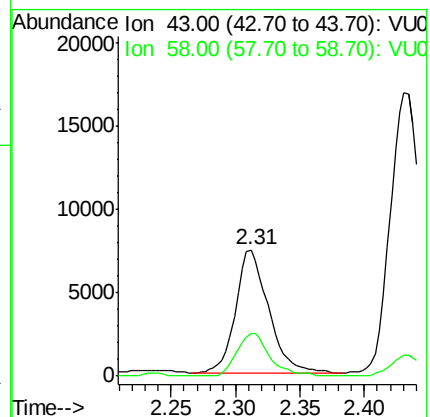
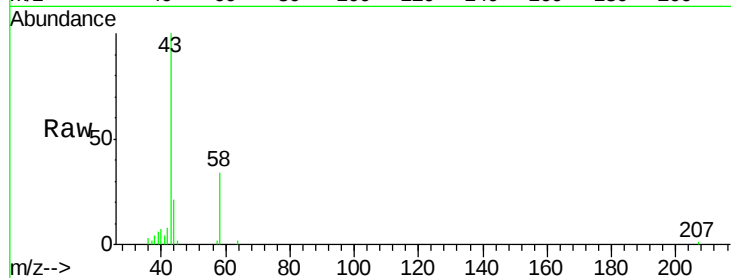
MW-5

Tot Ion: 43 Resp: 13255

Ion Ratio Lower Upper

43 100

58 34.5 26.8 40.2



#19

Methyl tert-butyl Ether

Concen: 1.544 ug/l

RT: 2.99 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU034170.D

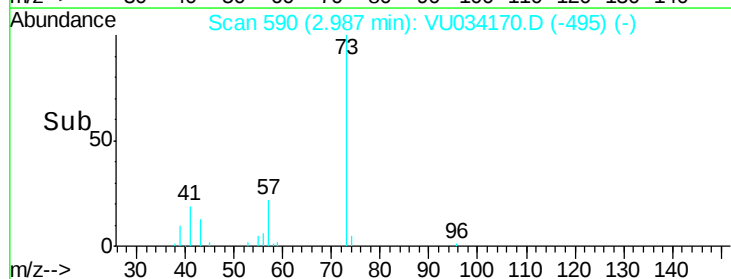
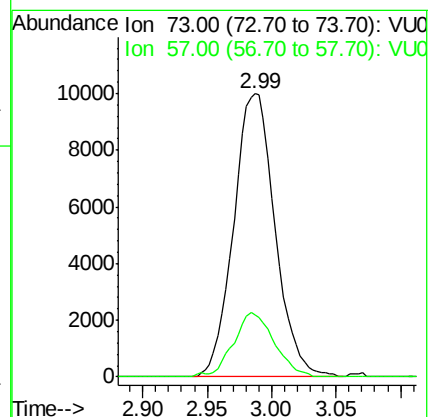
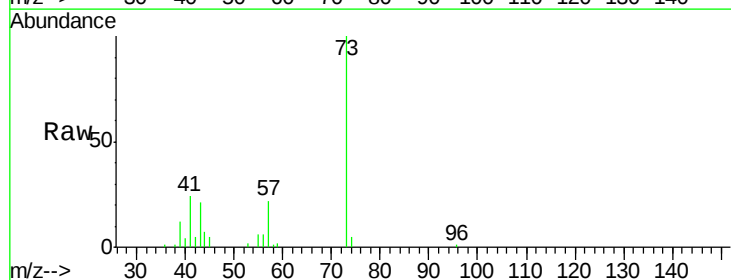
Acq: 01 Sep 2019 15:42

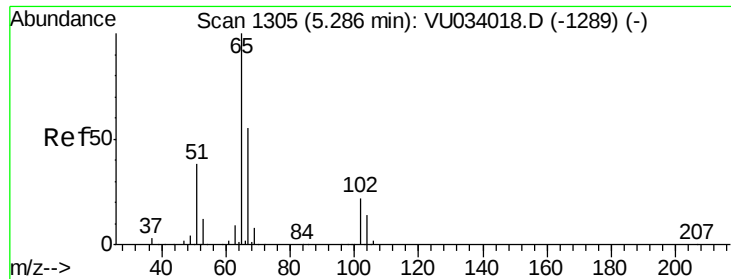
Tgt Ion: 73 Resp: 22271

Ion Ratio Lower Upper

73 100

57 22.0 18.3 27.5





#33

1,2-Dichloroethane-d4

Concen: 49.004 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034170.D

Acq: 01 Sep 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

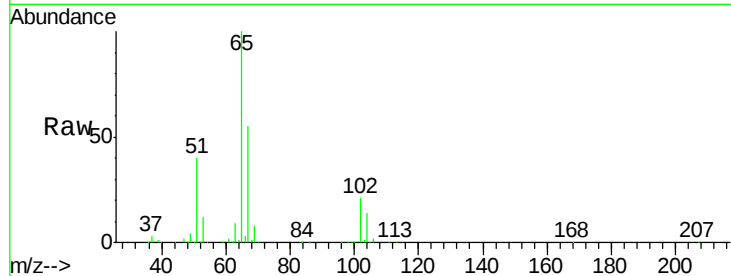
MW-5

Tot Ion: 65 Resp: 276099

Ion Ratio Lower Upper

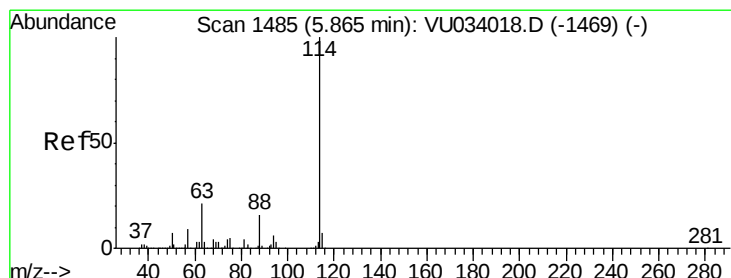
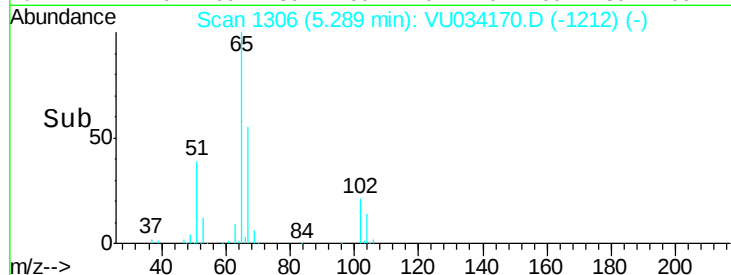
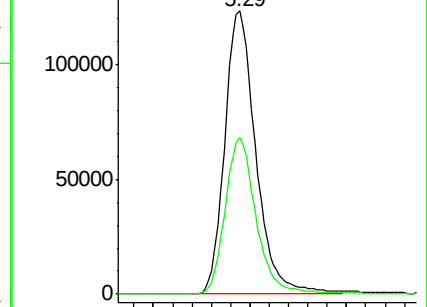
65 100

67 54.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034170.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034170.D (-1289) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034170.D

Acq: 01 Sep 2019 15:42

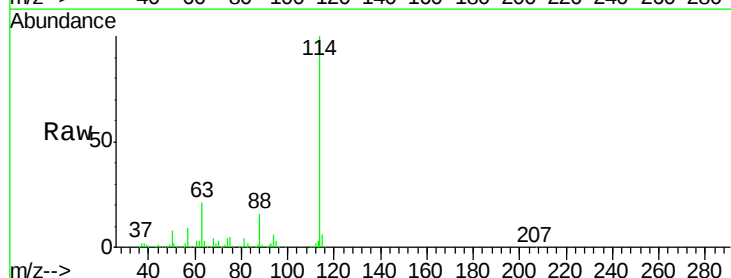
Tgt Ion: 114 Resp: 692389

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

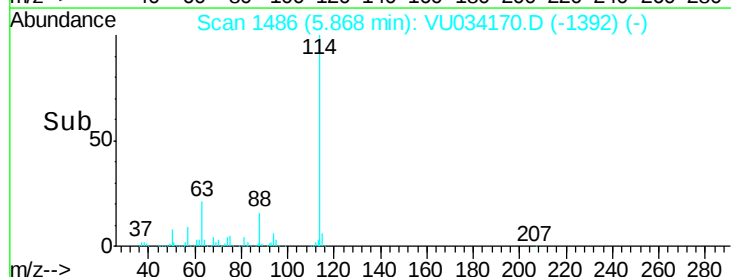
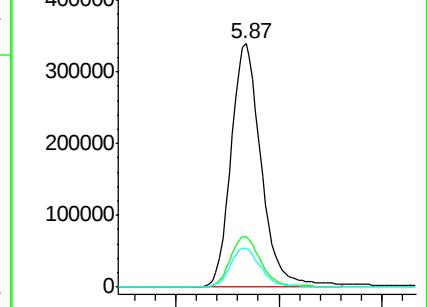
88 16.2 0.0 32.0

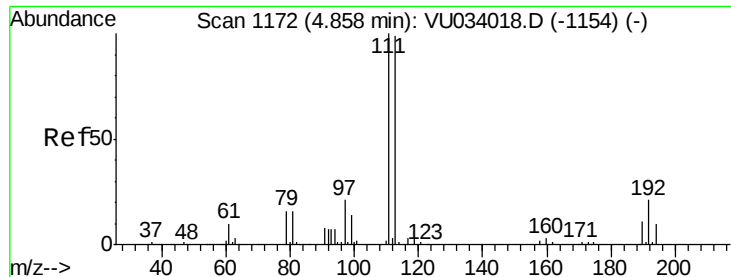


Abundance Ion 113.90 (113.60 to 114.60): VU034170.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034170.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034170.D (-1469) (-)

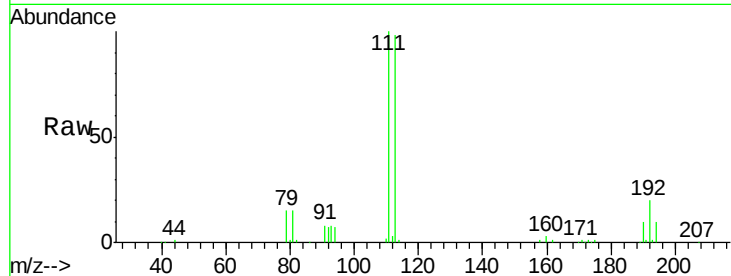




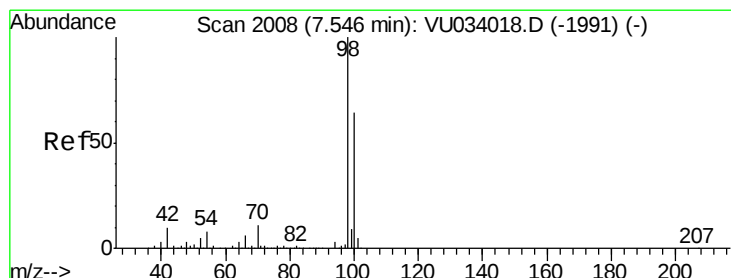
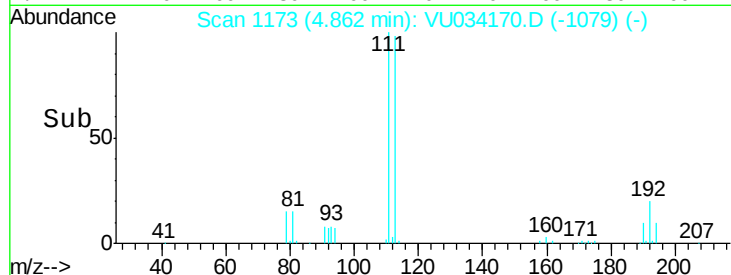
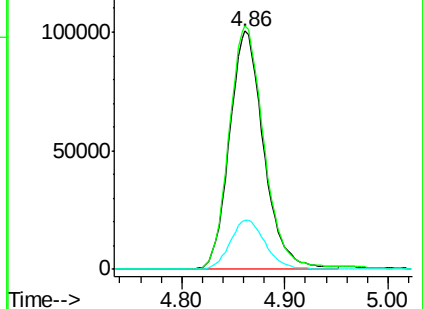
#35
 Dibromofluoromethane
 Concen: 48.494 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034170.D
 Acq: 01 Sep 2019 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	21.4	17.1	25.7

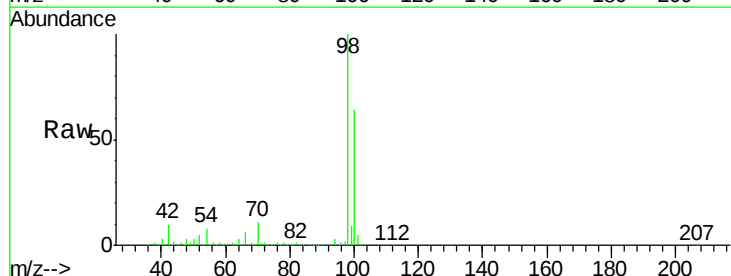


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

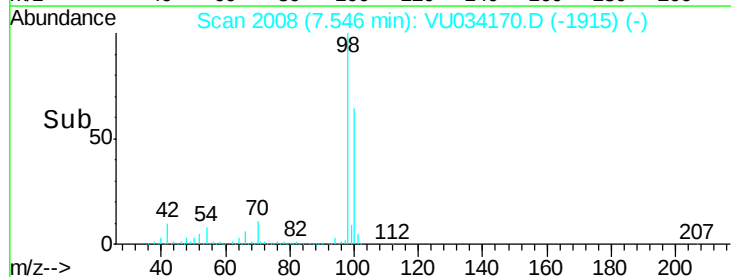
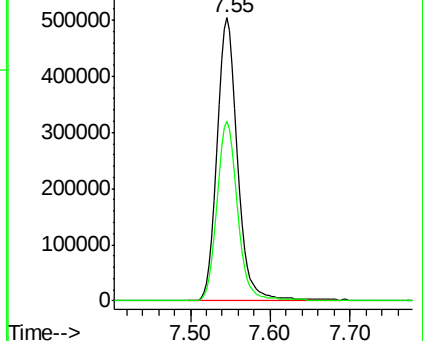


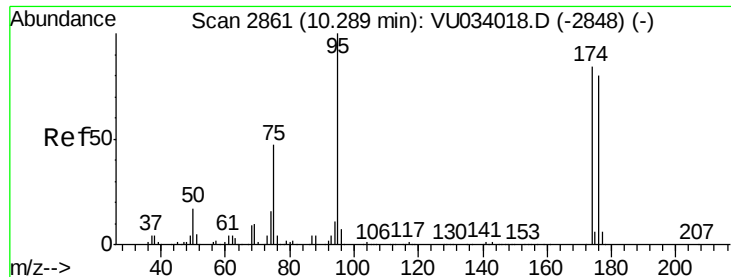
#50
 Toluene-d8
 Concen: 50.171 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034170.D
 Acq: 01 Sep 2019 15:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.3	75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.540 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034170.D

Acq: 01 Sep 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

MW-5

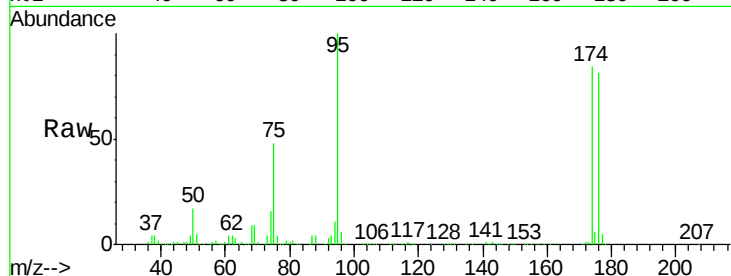
Tot Ion: 95 Resp: 318538

Ion Ratio Lower Upper

95 100

174 84.6 0.0 168.8

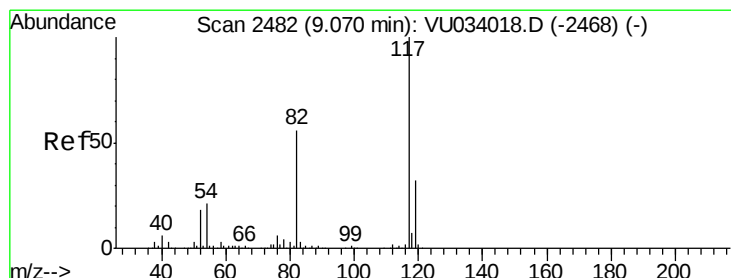
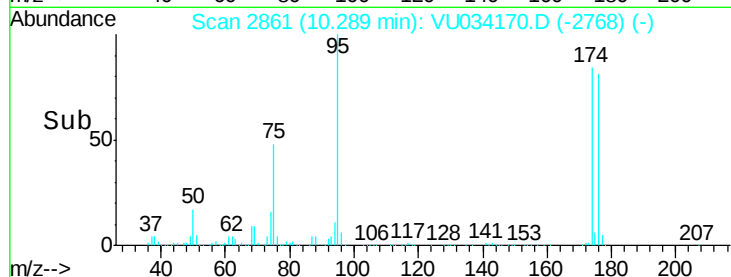
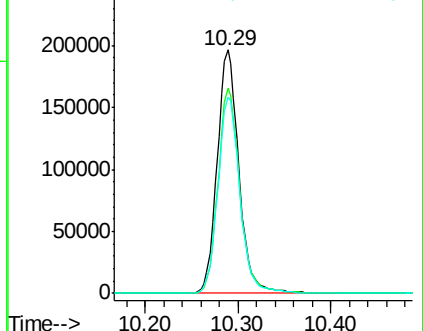
176 82.1 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034170.D

Acq: 01 Sep 2019 15:42

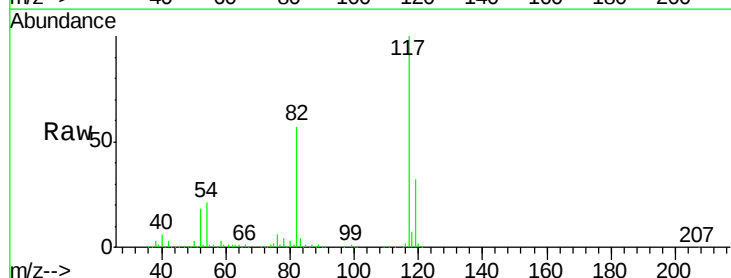
Tgt Ion: 117 Resp: 678463

Ion Ratio Lower Upper

117 100

82 57.2 45.1 67.7

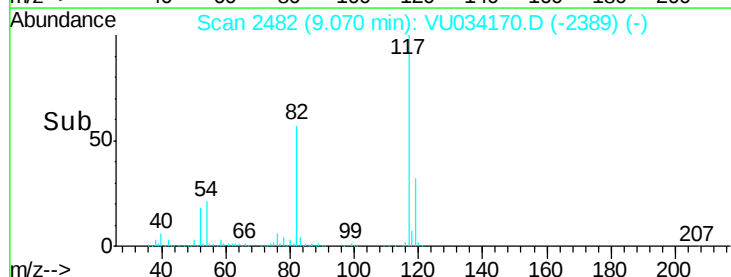
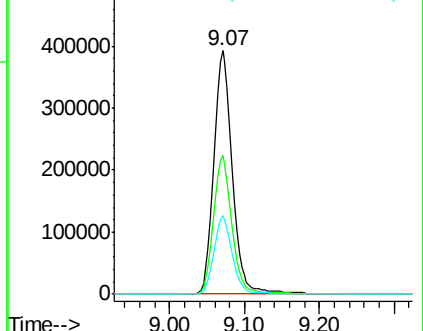
119 32.1 25.4 38.0

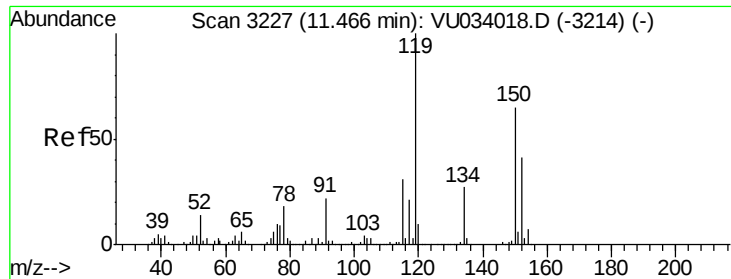


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034170.D

Acq: 01 Sep 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

MW-5

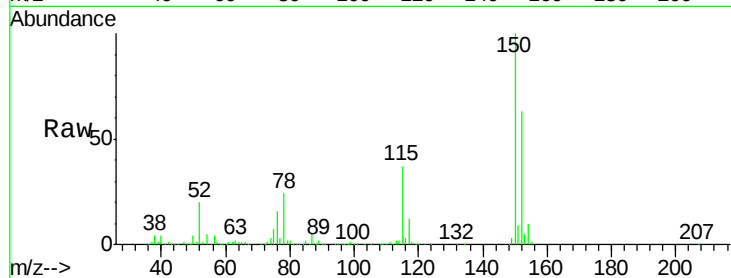
Tot Ion:152 Resp: 342711

Ion Ratio Lower Upper

152 100

115 57.6 41.1 123.3

150 158.2 0.0 348.8



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

