

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025676.D
 Acq On : 27 Jul 2018 18:02
 Operator : MD/SY
 Sample : J3762-09 MDL 2.5PPB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Quant Time: Jul 30 05:43:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

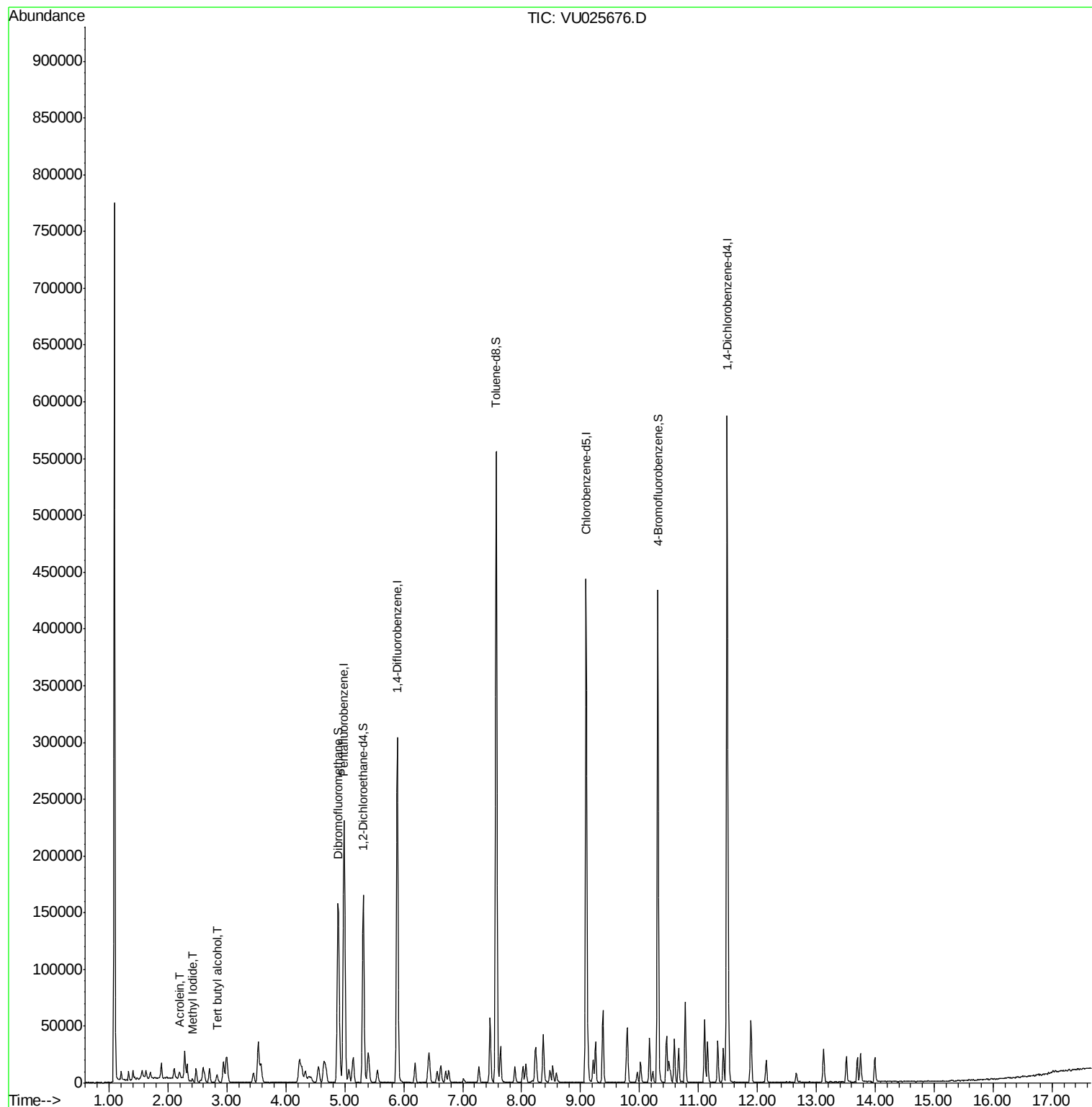
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	256103	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	245242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	131737	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	4.89	113	106894	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	7.57	98	371458	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	10.31	95	140931	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
10) Methyl Iodide	2.41	142	2290	9.67	ug/l #	94
11) Tert butyl alcohol	2.83	59	7865	13.83	ug/l #	94
13) Acrolein	2.19	56	4110	18.07	ug/l	100

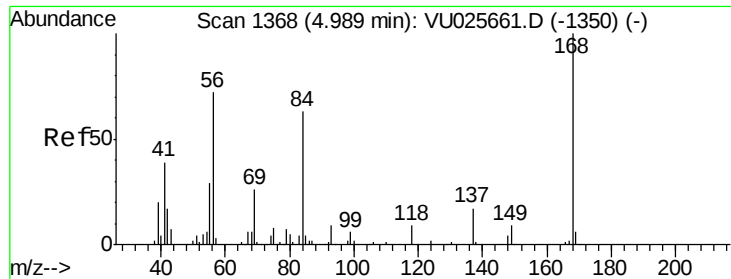
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025676.D

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Instrument :

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ClientSampleId :

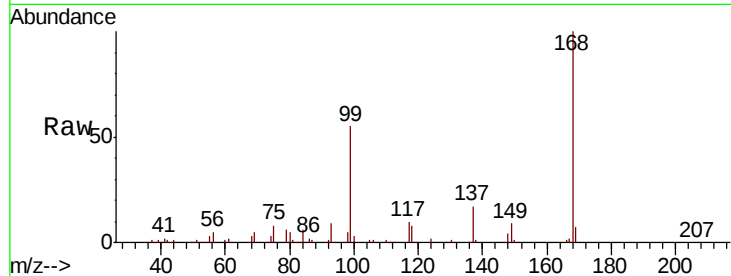
MDL-WATER-03-QT3-2018

Tot Ion:168 Resp: 166744

Ion Ratio Lower Upper

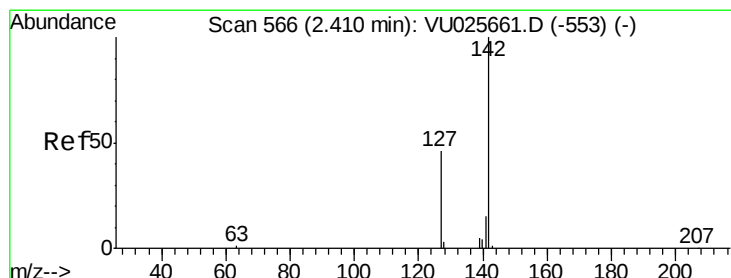
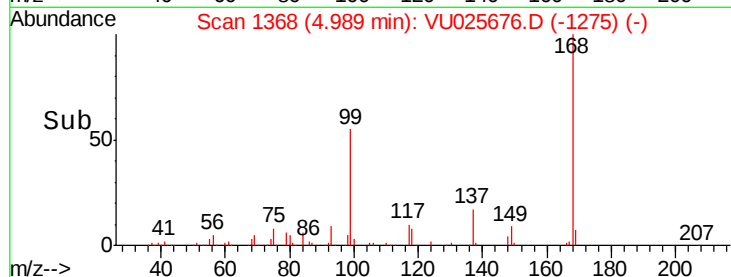
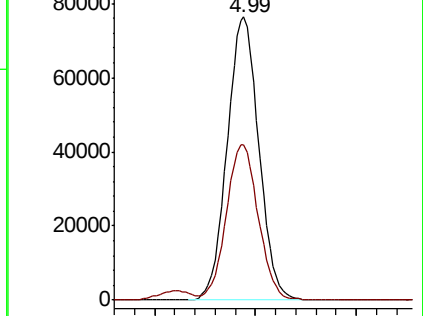
168 100

99 55.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#10

Methyl Iodide

Concen: 9.67 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025676.D

Acq: 27 Jul 2018 18:02

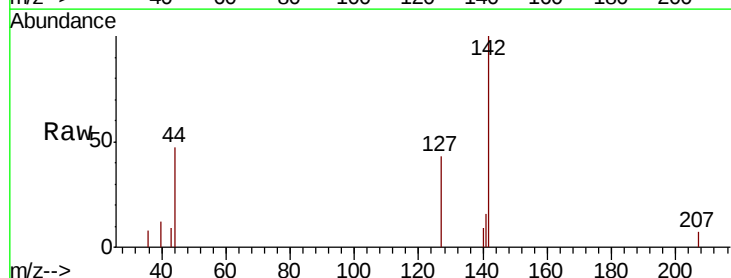
Tgt Ion:142 Resp: 2290

Ion Ratio Lower Upper

142 100

127 42.9 36.5 54.7

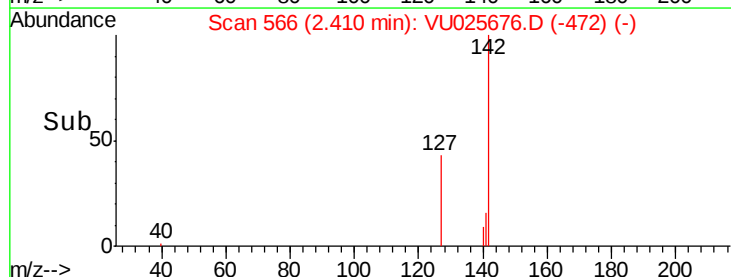
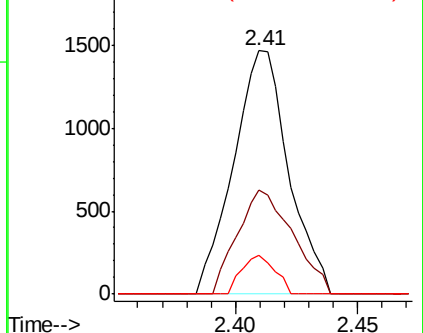
141 9.6 11.4 17.2#

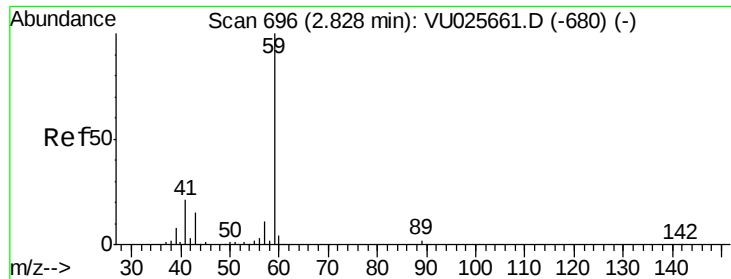


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

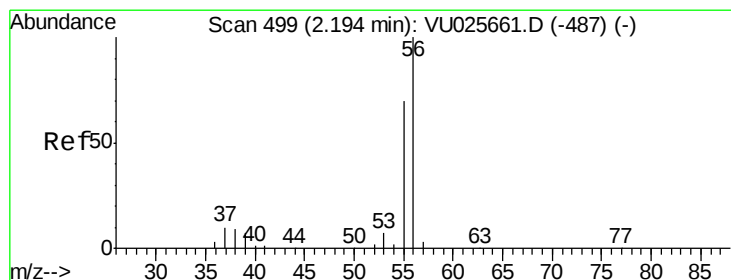
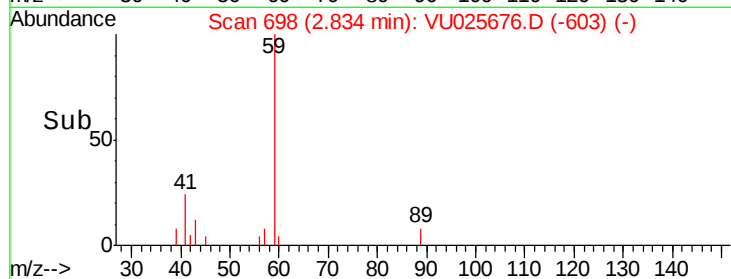
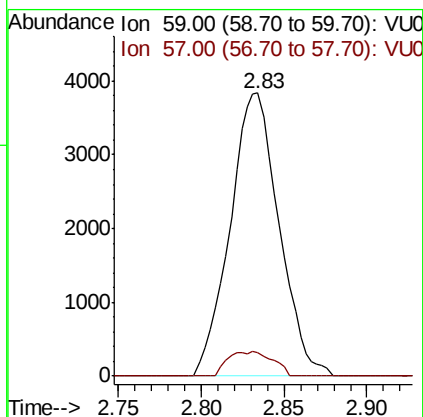
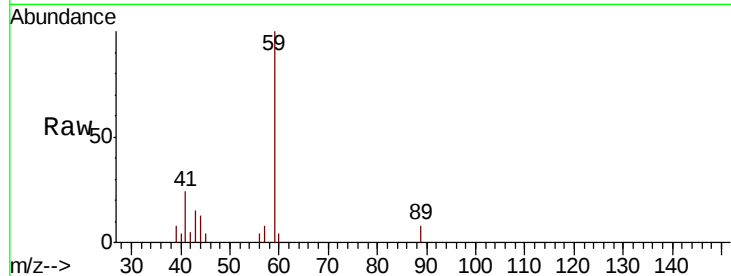




#11
Tert butyl alcohol
Concen: 13.83 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025676.D
Acq: 27 Jul 2018 18:02

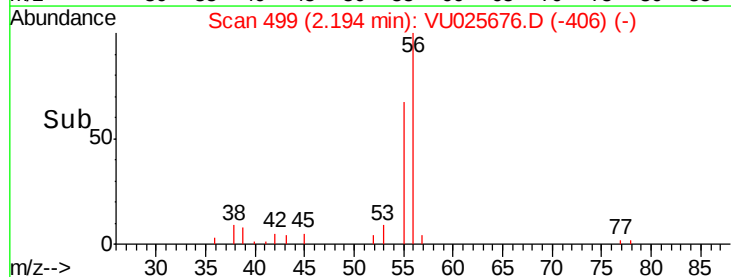
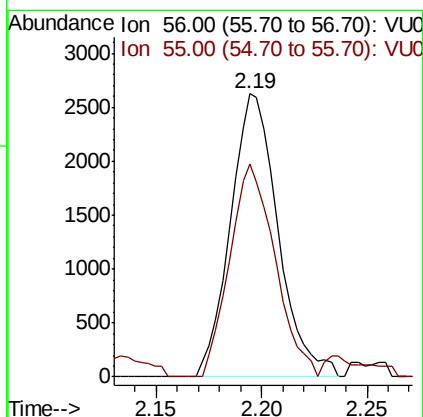
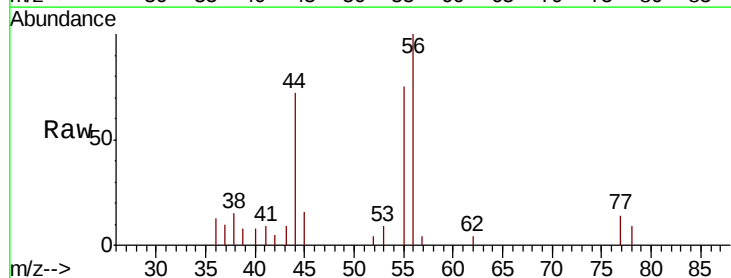
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2018

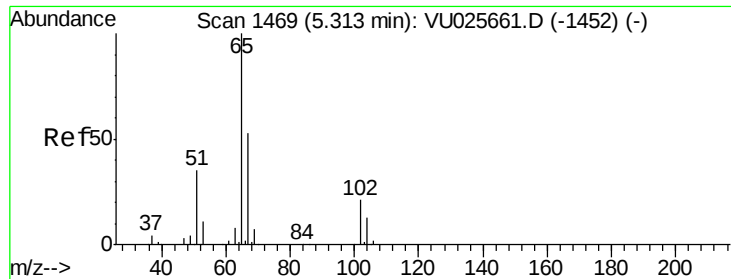
Tot Ion: 59 Resp: 7865
Ion Ratio Lower Upper
59 100
57 7.9 8.2 12.2#



#13
Acrolein
Concen: 18.07 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU025676.D
Acq: 27 Jul 2018 18:02

Tgt Ion: 56 Resp: 4110
Ion Ratio Lower Upper
56 100
55 71.5 57.2 85.8

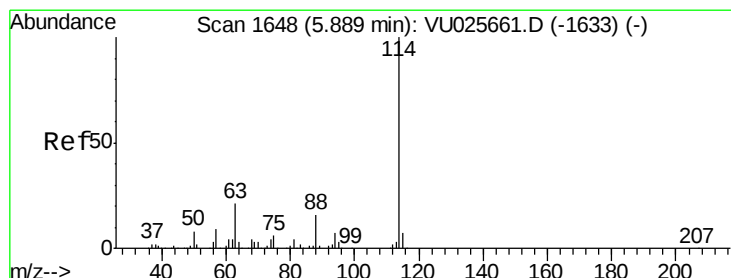
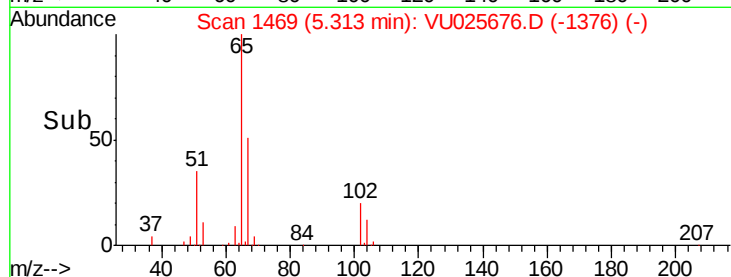
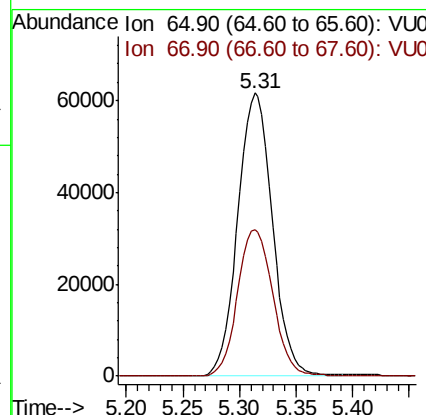
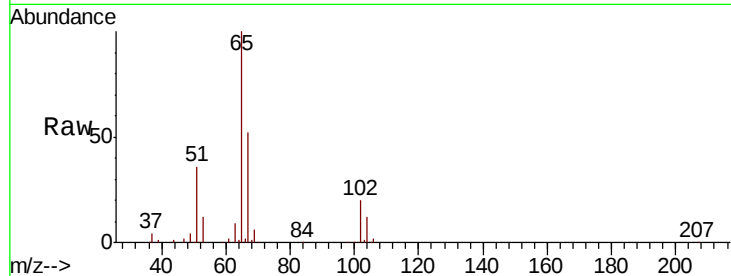




#33
 1,2-Dichloroethane-d4
 Concen: 50.71 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025676.D
 Acq: 27 Jul 2018 18:02

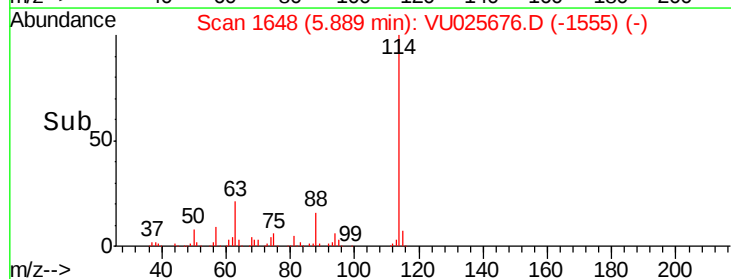
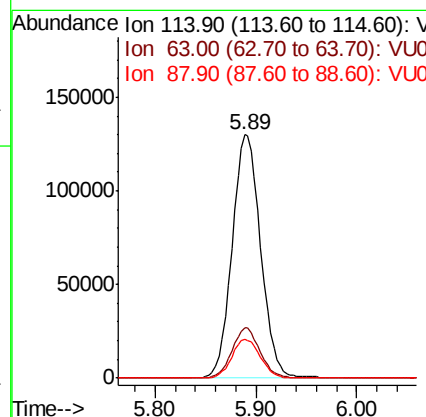
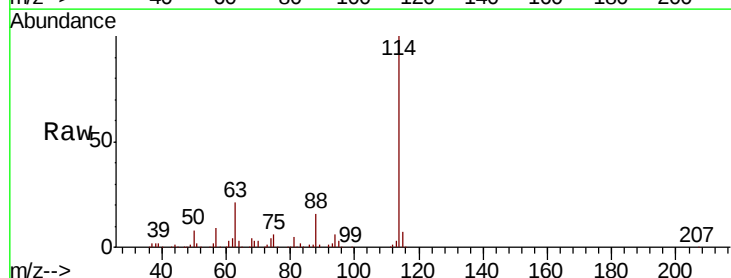
Instrument :
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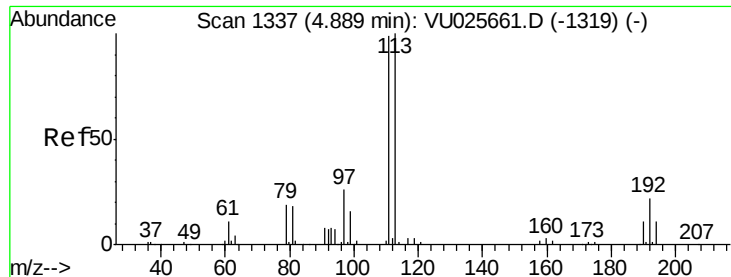
Tot Ion: 65 Resp: 131737
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025676.D
 Acq: 27 Jul 2018 18:02

Tgt Ion: 114 Resp: 256103
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.6
 88 15.8 0.0 32.4

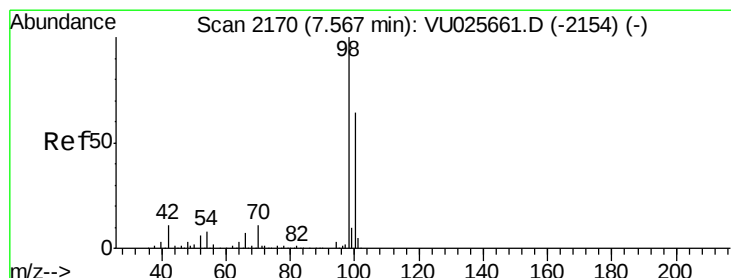
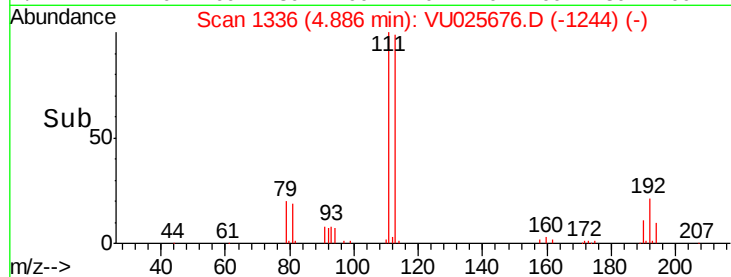
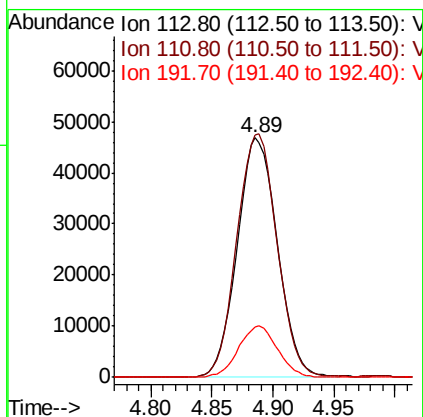
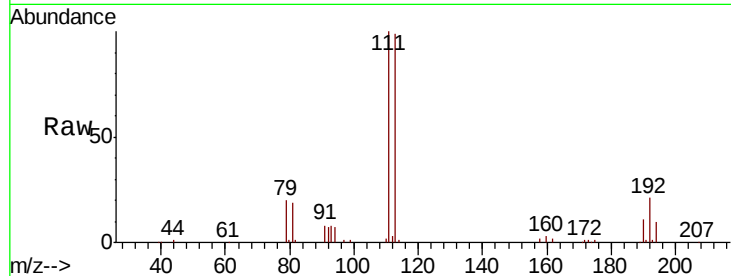




#35
 Dibromofluoromethane
 Concen: 47.99 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025676.D
 Acq: 27 Jul 2018 18:02

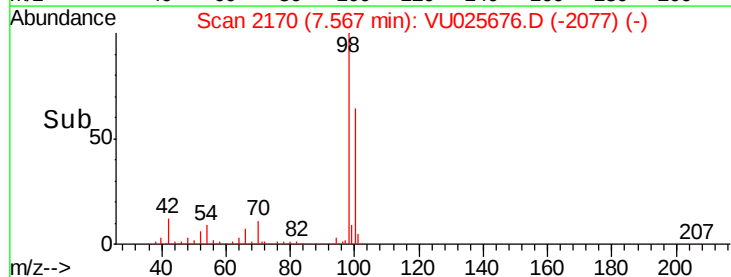
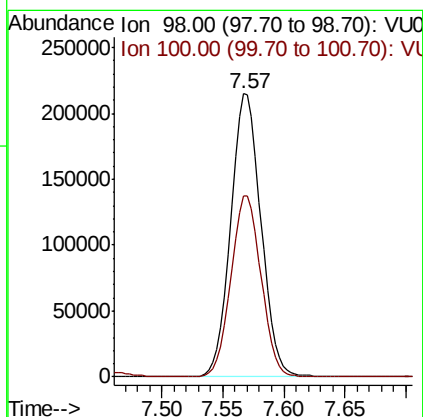
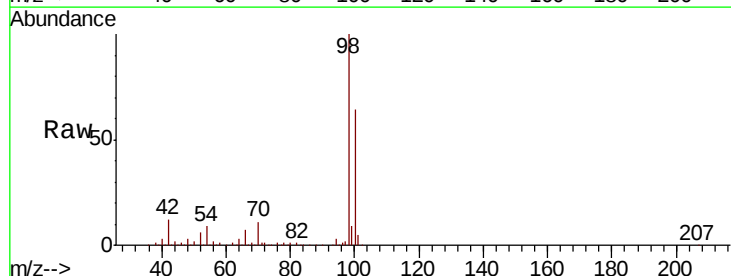
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2018

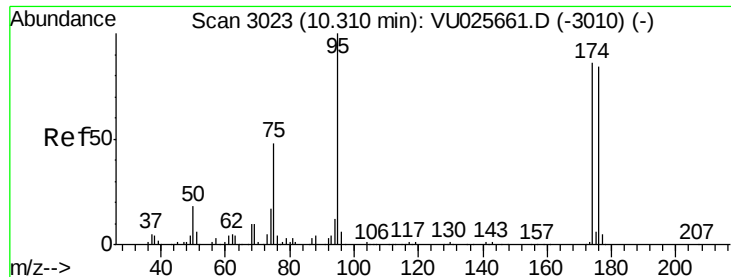
Tot Ion:113 Resp: 106894
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.7 122.5
 192 20.8 17.1 25.7



#50
 Toluene-d8
 Concen: 47.66 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025676.D
 Acq: 27 Jul 2018 18:02

Tgt Ion: 98 Resp: 371458
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.1 76.7

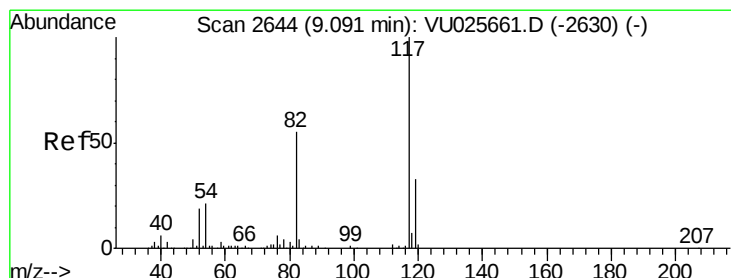
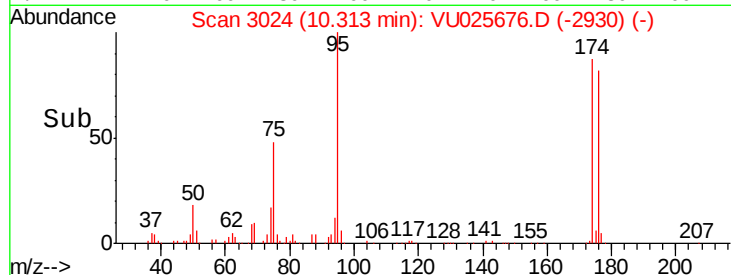
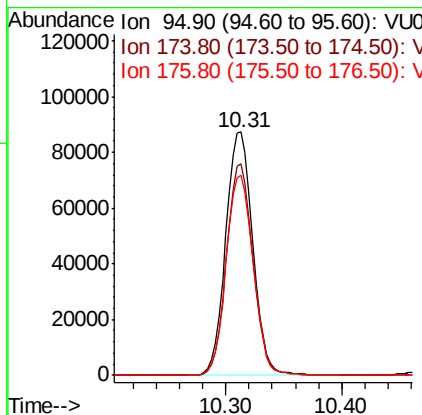
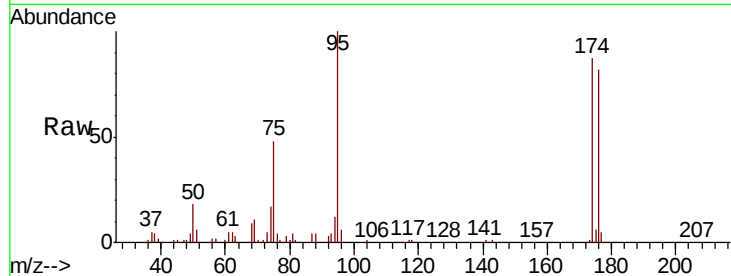




#62
4-Bromofluorobenzene
Concen: 46.58 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025676.D
Acq: 27 Jul 2018 18:02

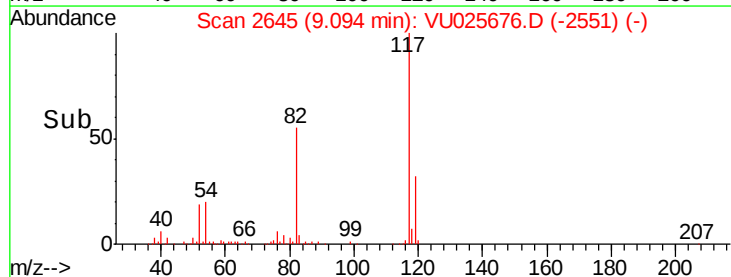
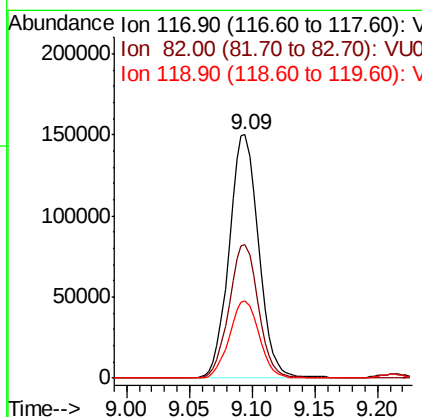
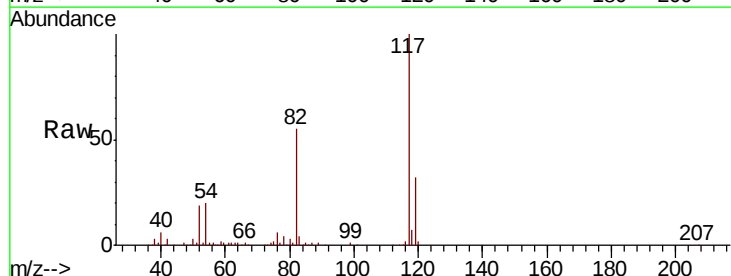
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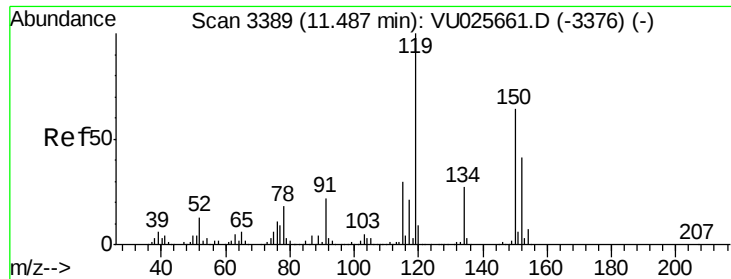
Tot Ion: 95 Resp: 140931
Ion Ratio Lower Upper
95 100
174 85.4 0.0 172.2
176 82.5 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025676.D
Acq: 27 Jul 2018 18:02

Tgt Ion: 117 Resp: 245242
Ion Ratio Lower Upper
117 100
82 55.1 46.0 69.0
119 31.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025676.D

Acq: 27 Jul 2018 18:02

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2018

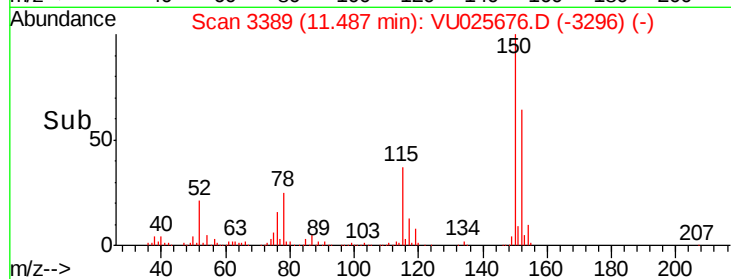
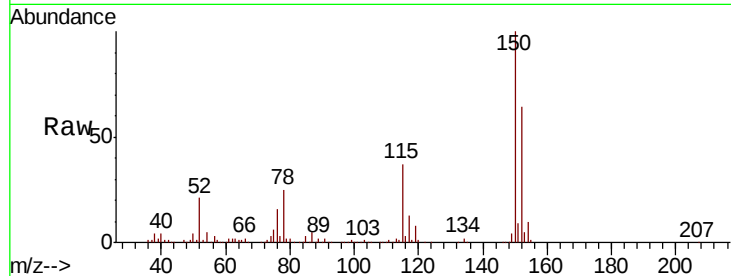
Tot Ion:152 Resp: 145258

Ion Ratio Lower Upper

152 100

115 58.1 40.1 120.3

150 155.0 0.0 351.4



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

