

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025675.D
 Acq On : 27 Jul 2018 17:38
 Operator : MD/SY
 Sample : J3762-07 LOD/MDL 2.5PPB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 30 05:42:06 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

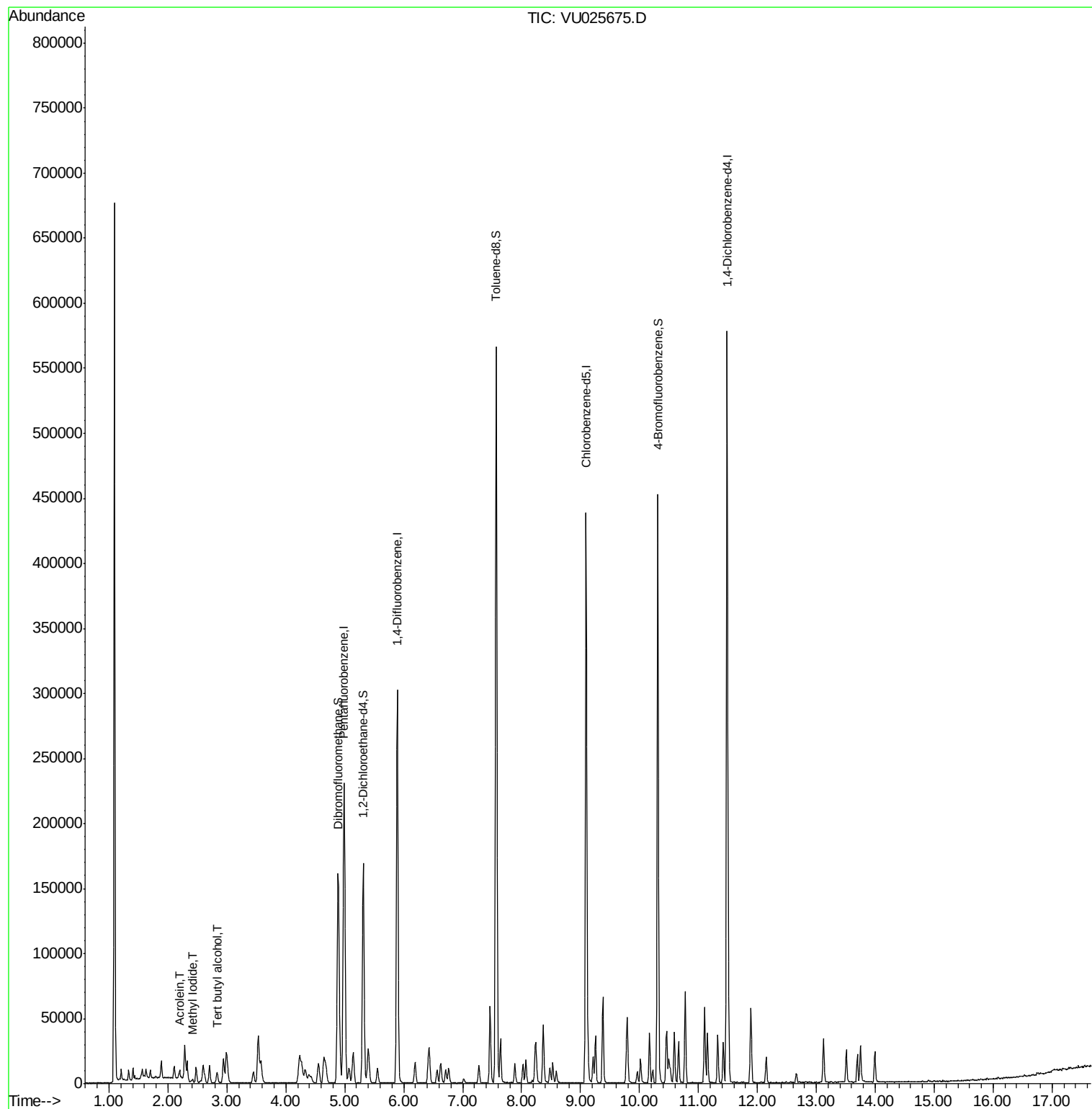
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	168736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	253740	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	242652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134358	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	4.89	113	107009	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	7.57	98	380331	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	10.31	95	140258	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
10) Methyl Iodide	2.42	142	2116	9.57	ug/l	# 96
11) Tert butyl alcohol	2.83	59	8828	15.34	ug/l	97
13) Acrolein	2.19	56	3970	17.15	ug/l	91

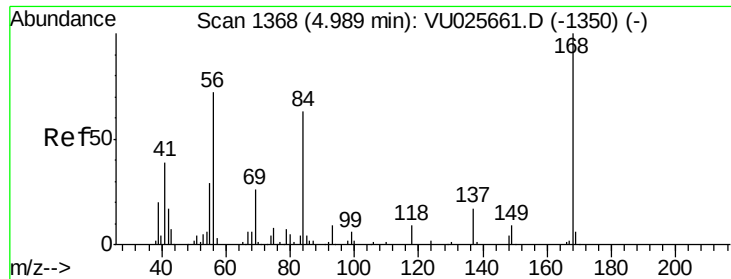
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025675.D

Acq: 27 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

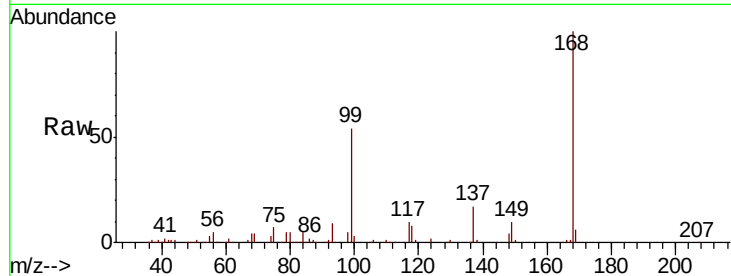
LOD-MDL-WATER-01-QT3-2018

Tot Ion:168 Resp: 168736

Ion Ratio Lower Upper

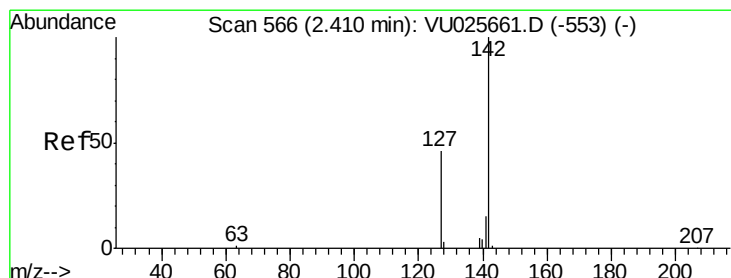
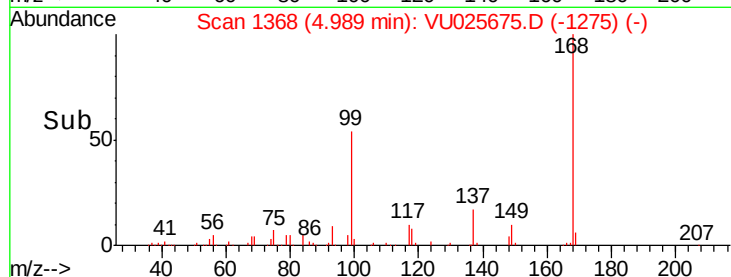
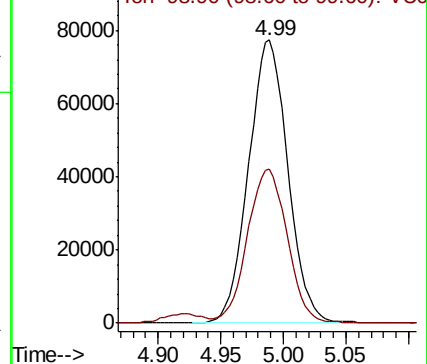
168 100

99 54.1 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: 9.57 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.01 min

Lab File: VU025675.D

Acq: 27 Jul 2018 17:38

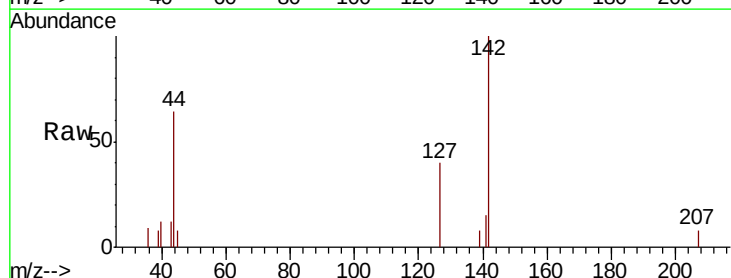
Tgt Ion:142 Resp: 2116

Ion Ratio Lower Upper

142 100

127 45.6 36.5 54.7

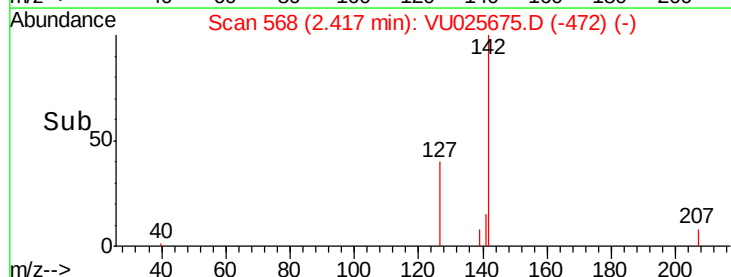
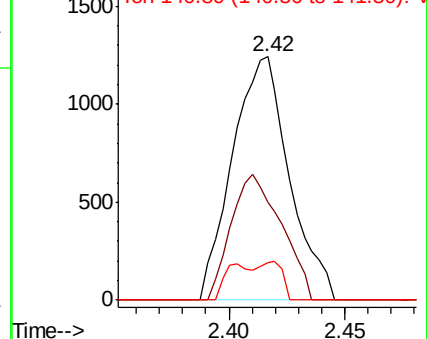
141 7.2 11.4 17.2#

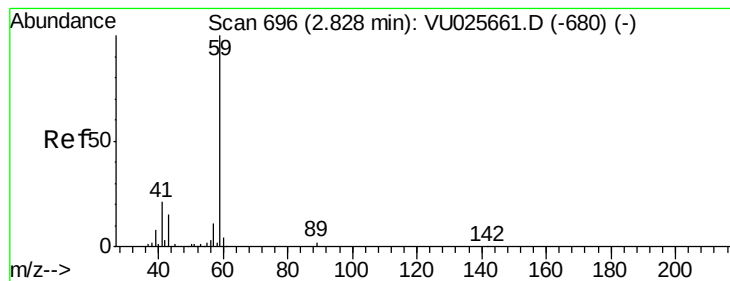


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



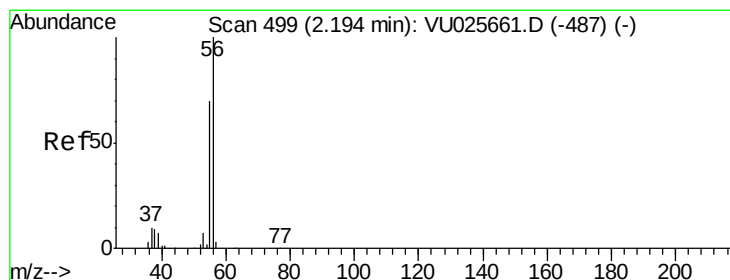
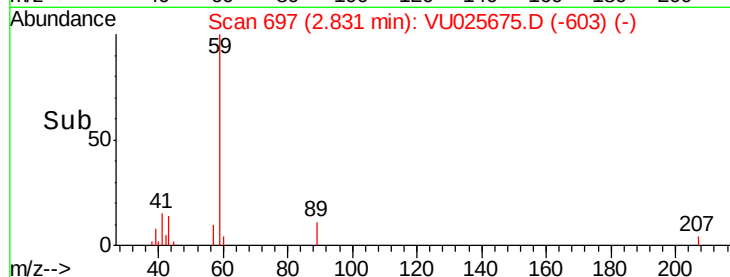
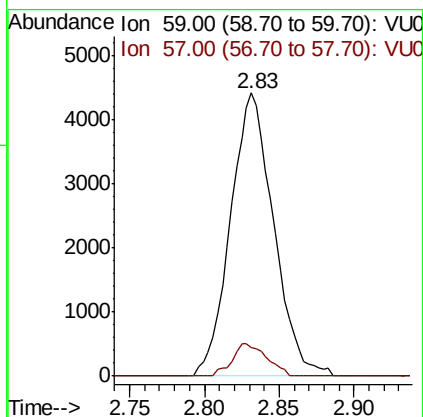
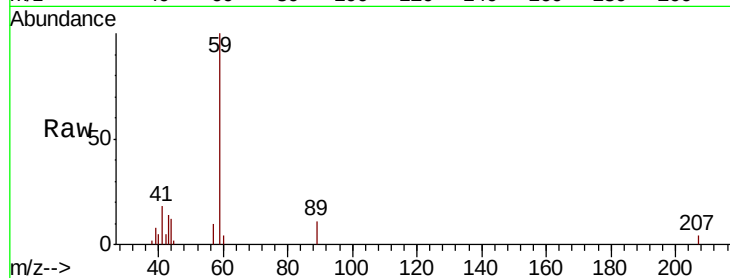


#11

Tert butyl alcohol
 Concen: 15.34 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: VU025675.D
 Acq: 27 Jul 2018 17:38

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

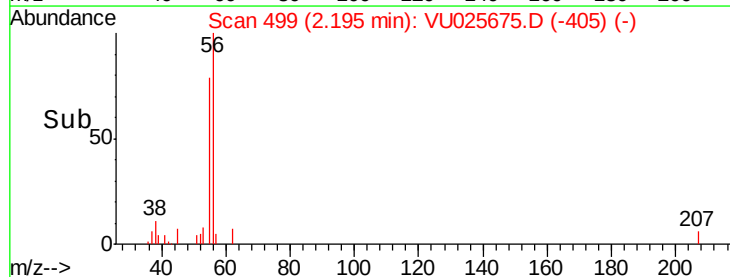
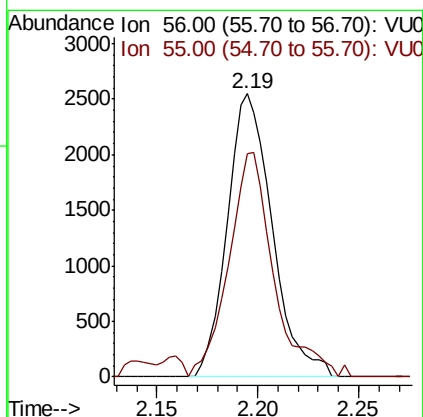
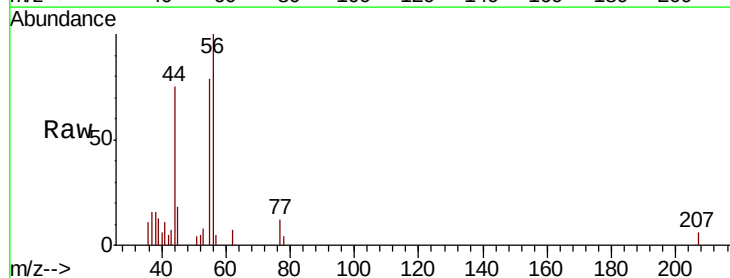
Tot Ion: 59 Resp: 8828
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.2 12.2

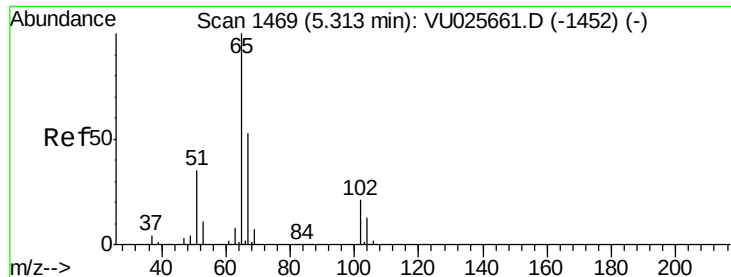


#13

Acrolein
 Concen: 17.15 ug/l
 RT: 2.19 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VU025675.D
 Acq: 27 Jul 2018 17:38

Tgt Ion: 56 Resp: 3970
 Ion Ratio Lower Upper
 56 100
 55 79.2 57.2 85.8

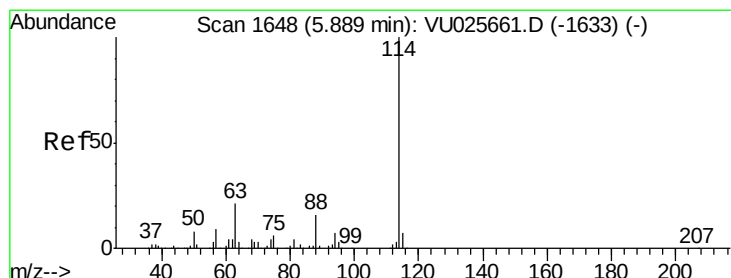
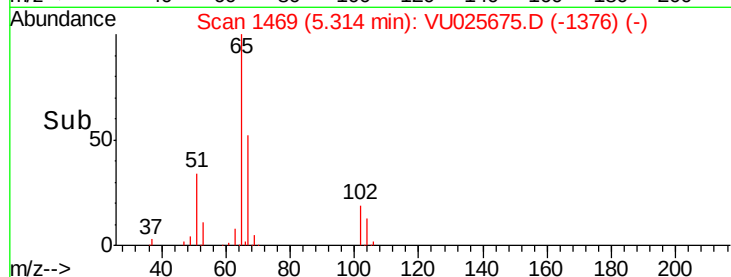
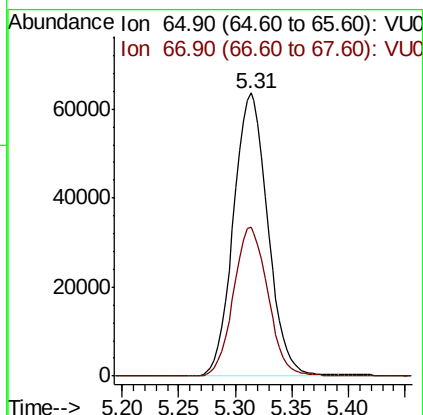
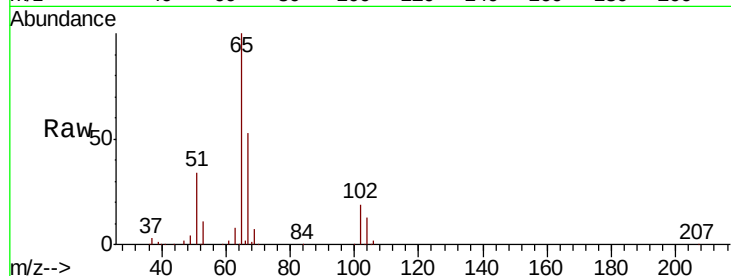




#33
 1,2-Dichloroethane-d4
 Concen: 51.10 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025675.D
 Acq: 27 Jul 2018 17:38

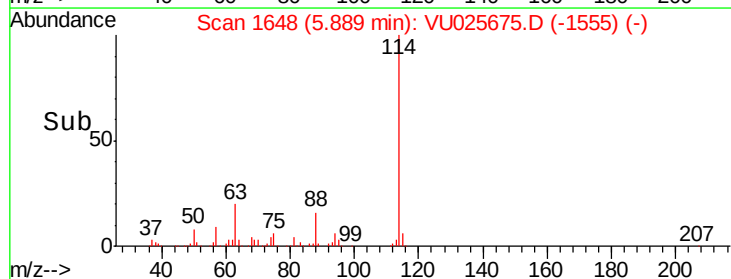
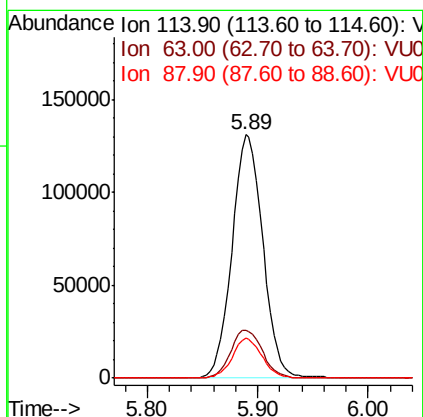
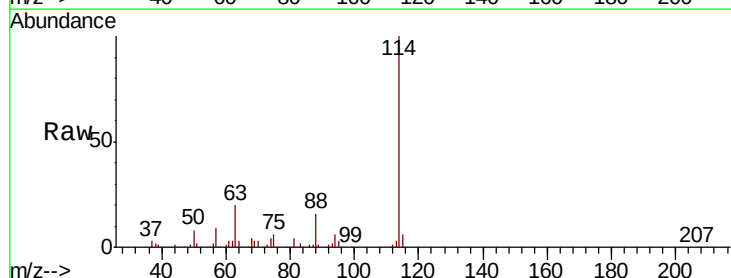
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

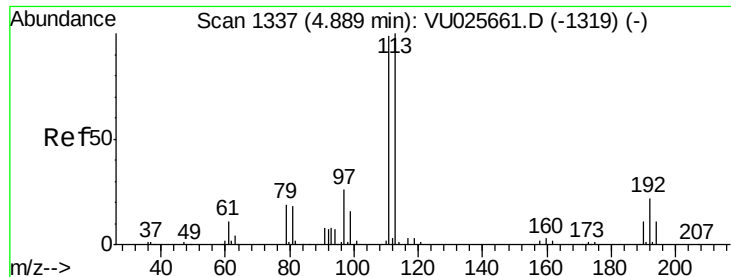
Tot Ion: 65 Resp: 134358
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025675.D
 Acq: 27 Jul 2018 17:38

Tgt Ion: 114 Resp: 253740
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.6
 88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.49 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025675.D

Acq: 27 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

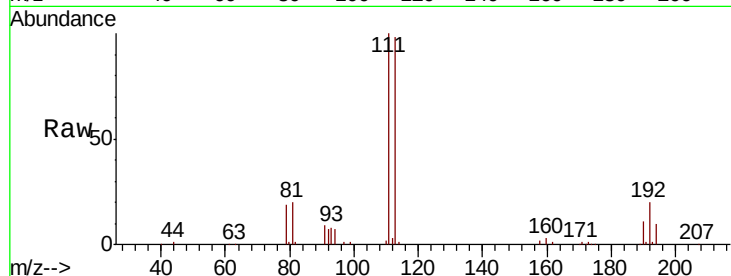
Tot Ion:113 Resp: 107009

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

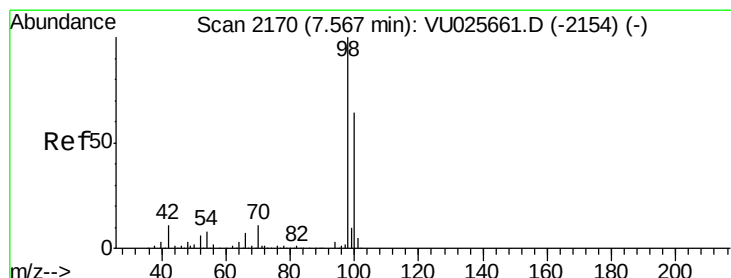
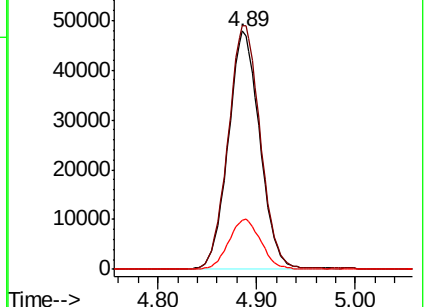
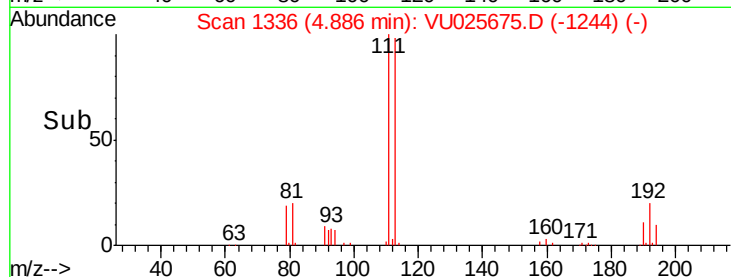
192 21.3 17.1 25.7



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: 49.25 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025675.D

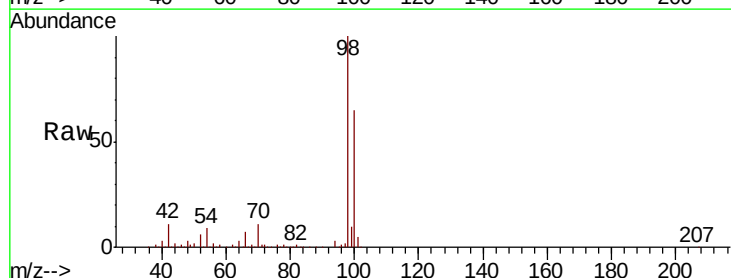
Acq: 27 Jul 2018 17:38

Tgt Ion: 98 Resp: 380331

Ion Ratio Lower Upper

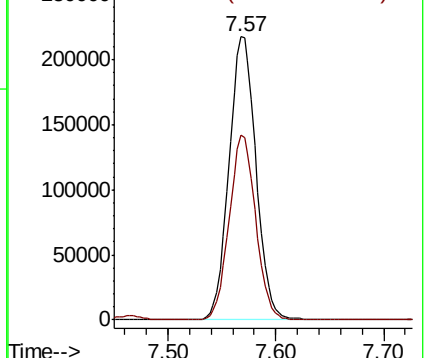
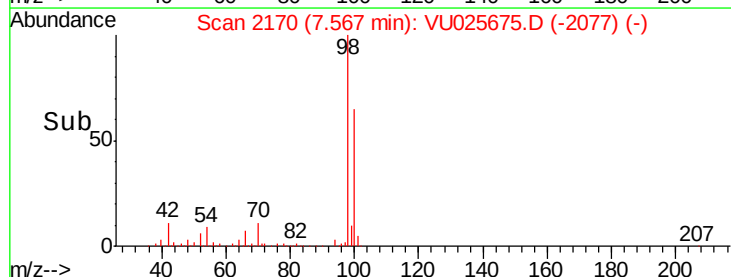
98 100

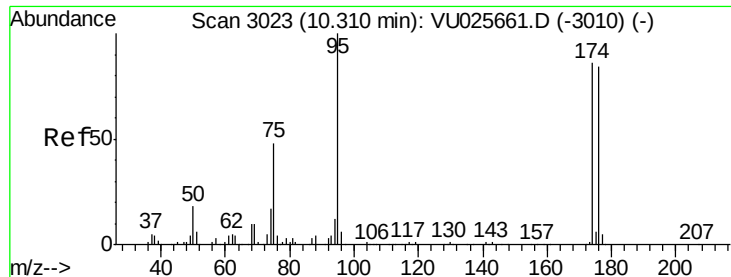
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

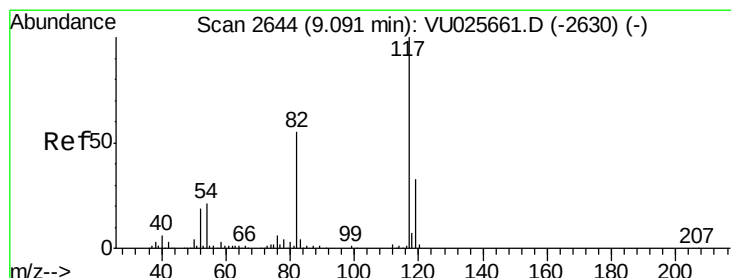
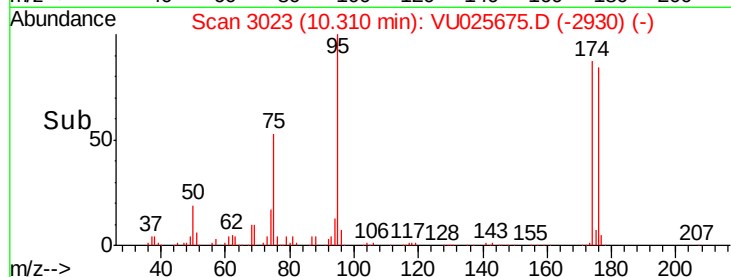
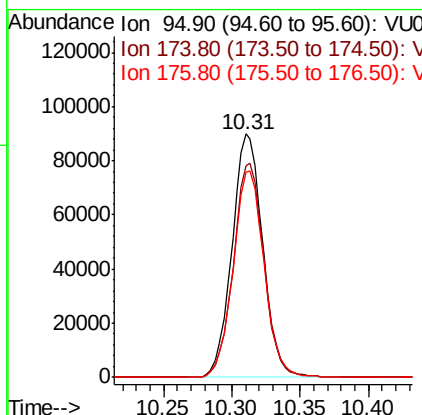
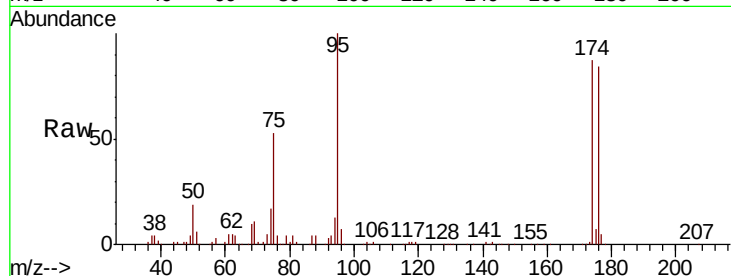




#62
4-Bromofluorobenzene
Concen: 46.79 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025675.D
Acq: 27 Jul 2018 17:38

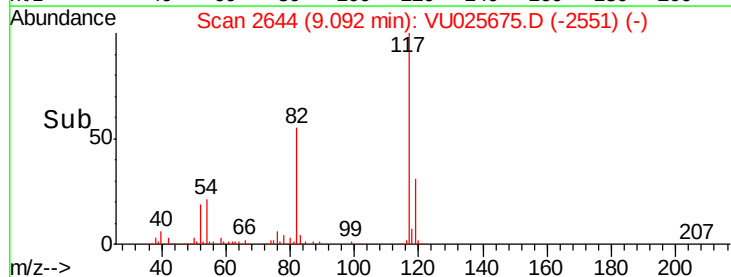
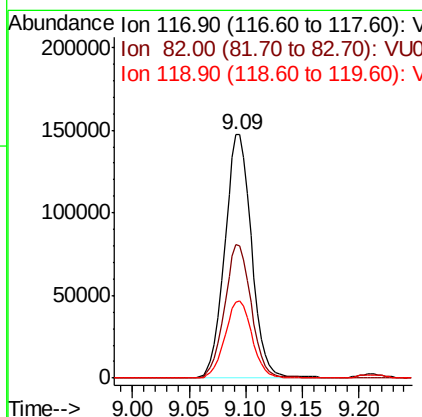
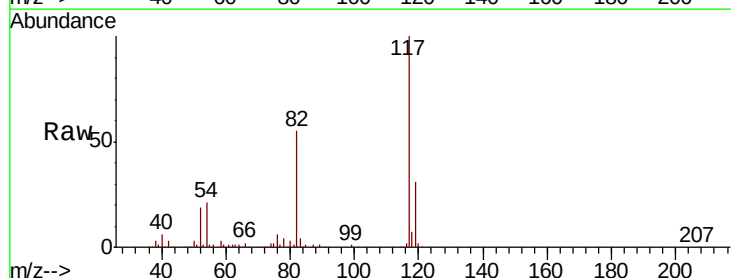
Instrument :
MSVOA_U
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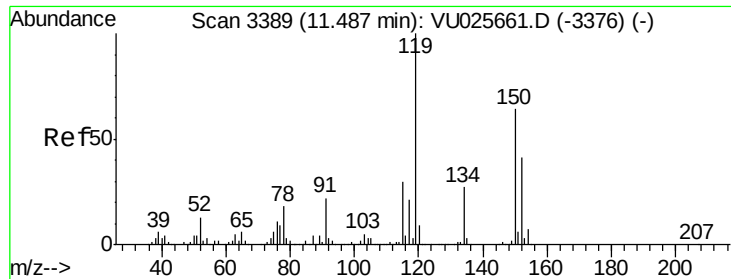
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	172.2
176	85.3	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025675.D
Acq: 27 Jul 2018 17:38

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	46.0	69.0
119	31.4	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: VU025675.D

Acq: 27 Jul 2018 17:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

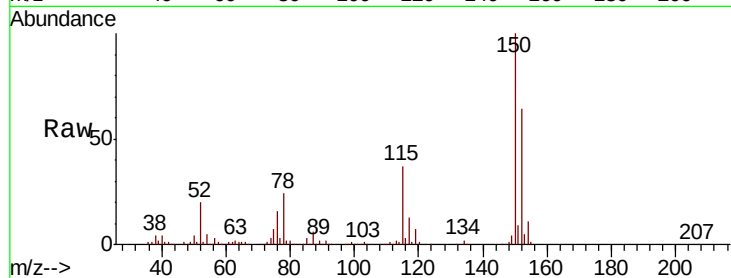
Tot Ion:152 Resp: 143056

Ion Ratio Lower Upper

152 100

115 58.8 40.1 120.3

150 158.4 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

