

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027604.D
 Acq On : 11 Oct 2018 17:17
 Operator : MD/SY
 Sample : J5164-08 10ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Quant Time: Oct 12 16:38:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:41:56 2018
 Response via : Initial Calibration

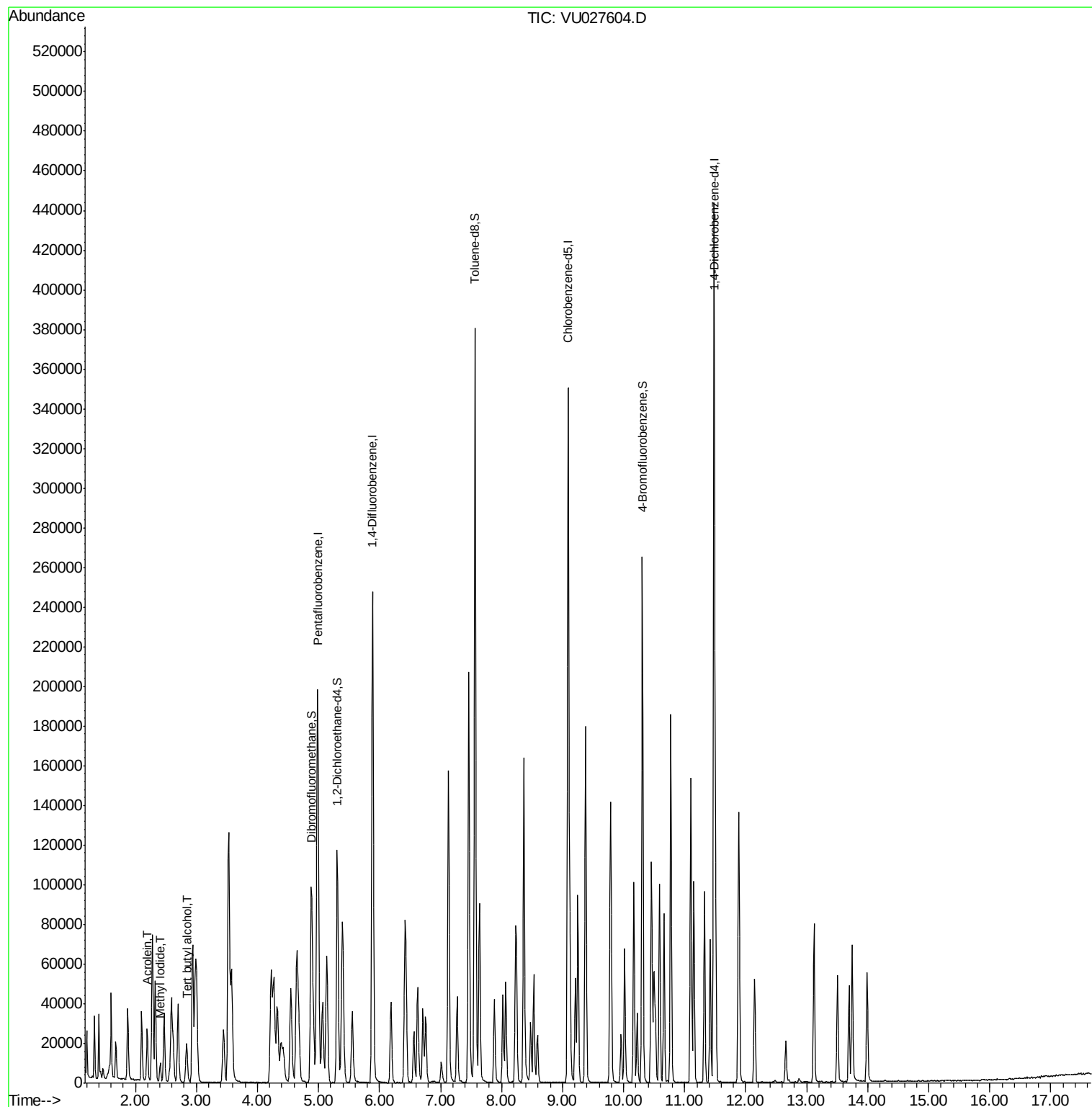
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	115069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	197951	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89974	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	4.88	113	65541	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	7.57	98	246856	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	10.31	95	86107	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
Target Compounds						
10) Methyl Iodide	2.41	142	9365	9.57	ug/l	99
11) Tert butyl alcohol	2.84	59	22804	52.53	ug/l	96
13) Acrolein	2.20	56	17654	51.26	ug/l	99

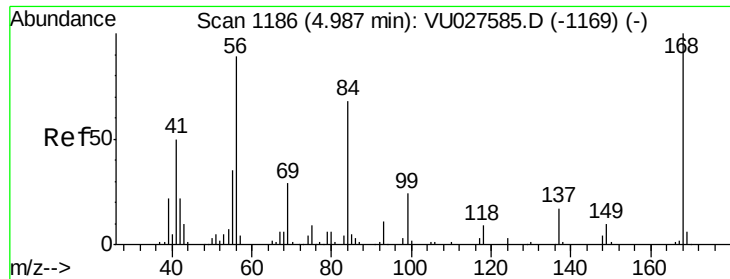
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027604.D

Acq: 11 Oct 2018 17:17

Instrument :

MSVOA_U

ClientSampleId :

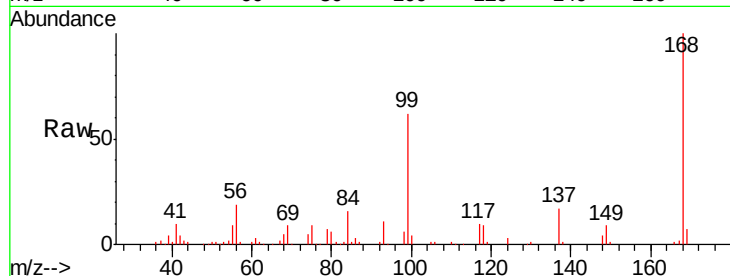
LOQ-WATER-02-QT4-2018

Tgt Ion:168 Resp: 115069

Ion Ratio Lower Upper

168 100

99 61.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

60000

50000

40000

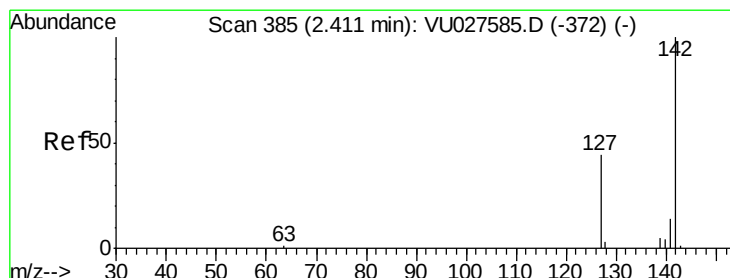
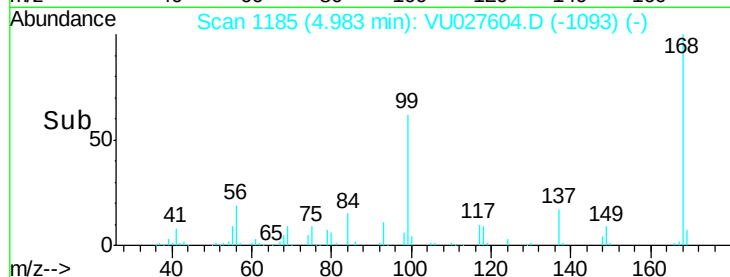
30000

20000

10000

0

Time-->



#10

Methyl Iodide

Concen: 9.57 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027604.D

Acq: 11 Oct 2018 17:17

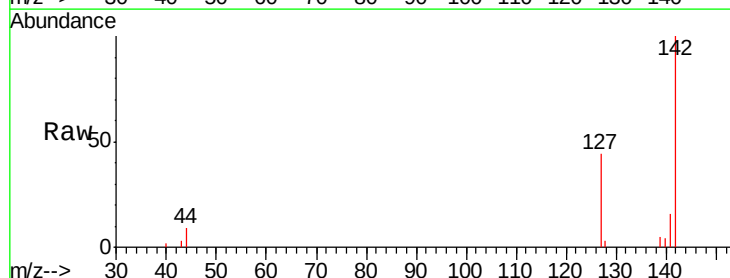
Tgt Ion:142 Resp: 9365

Ion Ratio Lower Upper

142 100

127 45.1 36.3 54.5

141 13.9 11.6 17.4



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

2.41

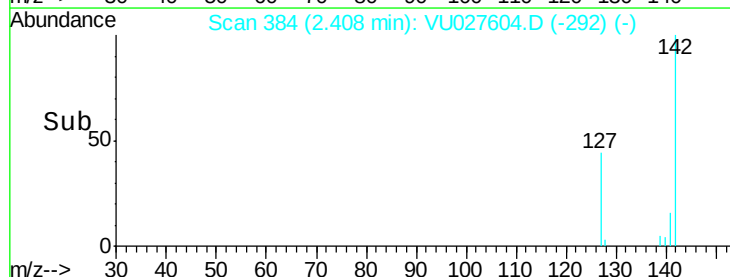
6000

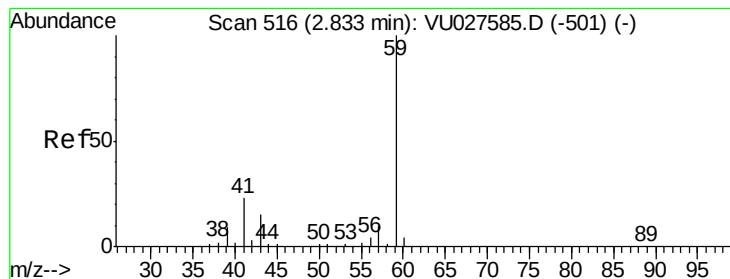
4000

2000

0

Time-->





#11

Tert butyl alcohol

Concen: 52.53 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU027604.D

Acq: 11 Oct 2018 17:17

Instrument :

MSVOA_U

ClientSampleId :

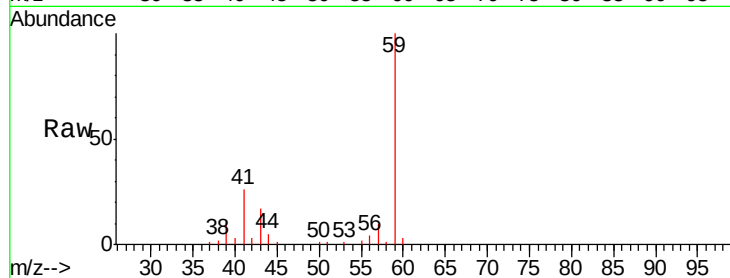
LOQ-WATER-02-QT4-2018

Tgt Ion: 59 Resp: 22804

Ion Ratio Lower Upper

59 100

57 9.1 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.84

12000

10000

8000

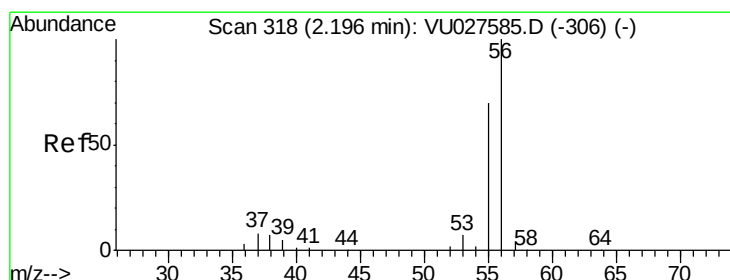
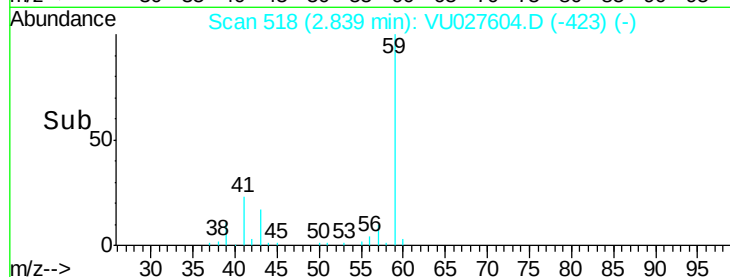
6000

4000

2000

0

Time-->



#13

Acrolein

Concen: 51.26 ug/l

RT: 2.20 min Scan# 318

Delta R.T. -0.00 min

Lab File: VU027604.D

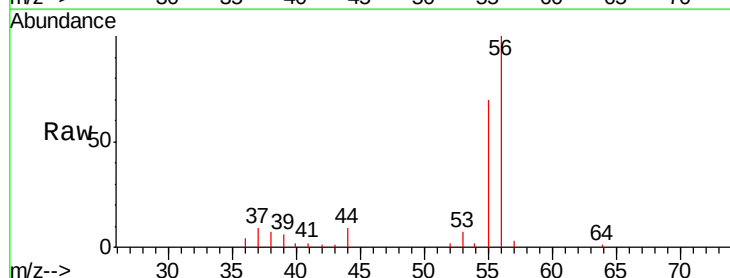
Acq: 11 Oct 2018 17:17

Tgt Ion: 56 Resp: 17654

Ion Ratio Lower Upper

56 100

55 71.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

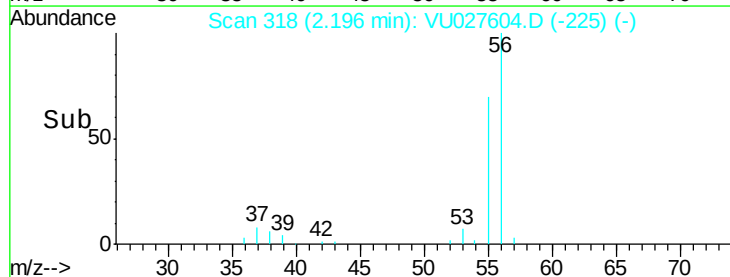
2.20

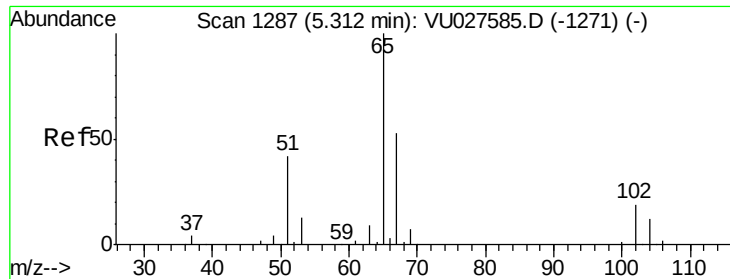
10000

5000

0

Time-->

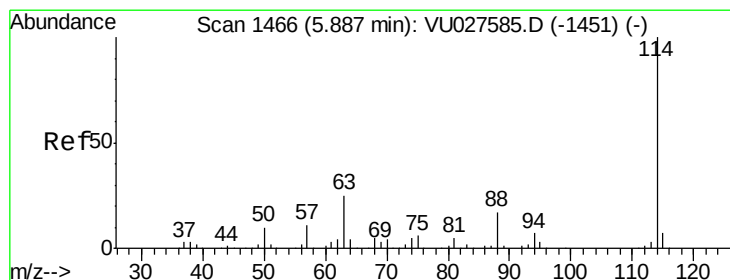
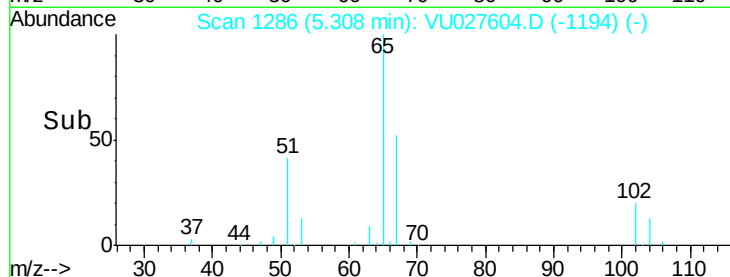
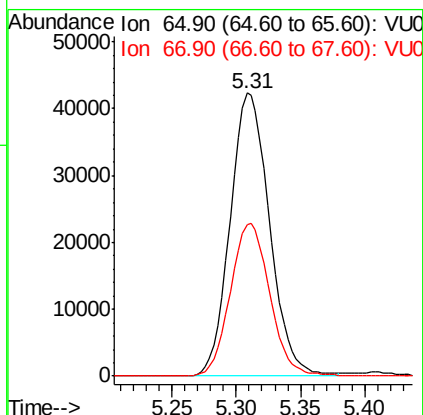
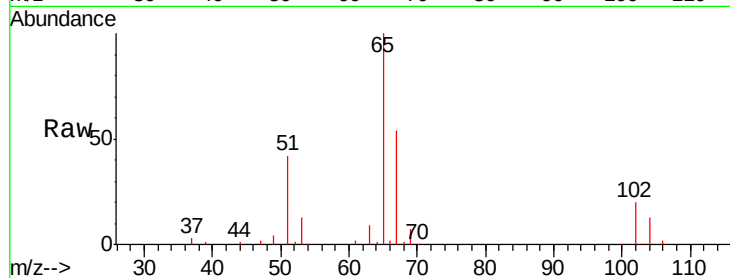




#33
 1,2-Dichloroethane-d4
 Concen: 50.51 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027604.D
 Acq: 11 Oct 2018 17:17

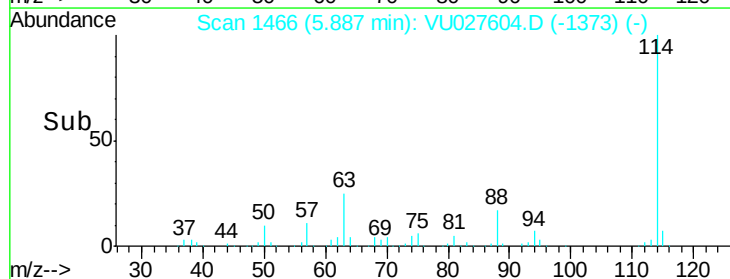
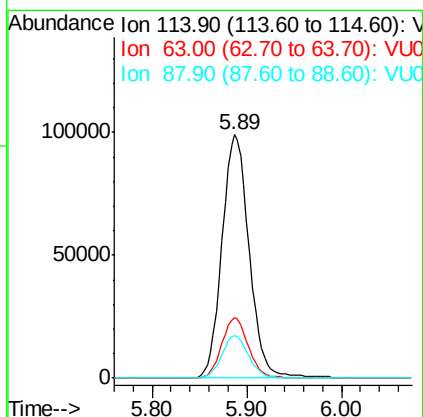
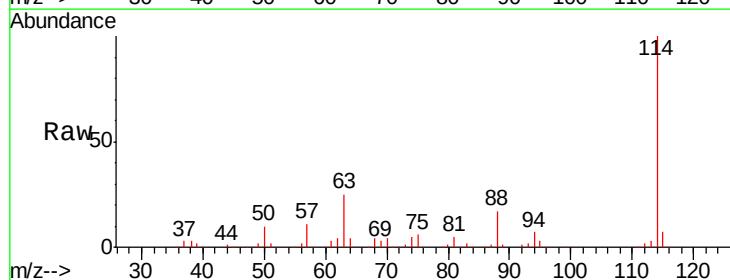
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

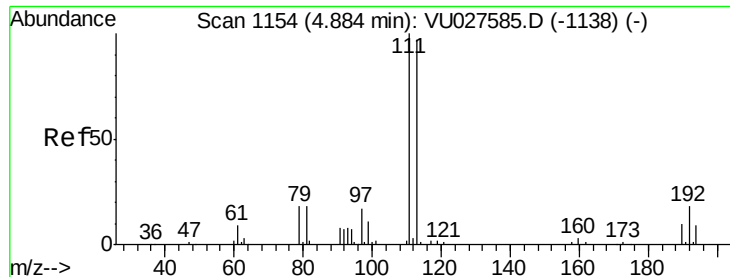
Tgt Ion: 65 Resp: 89974
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027604.D
 Acq: 11 Oct 2018 17:17

Tgt Ion: 114 Resp: 197951
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.2
 88 17.4 0.0 33.8

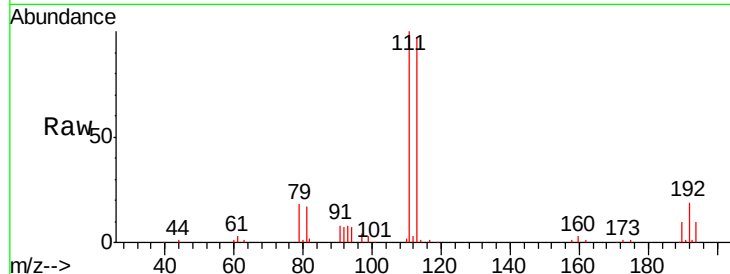




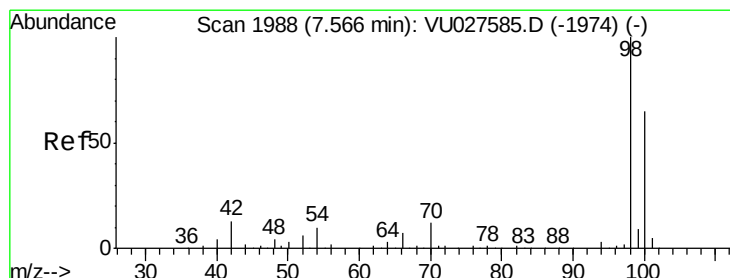
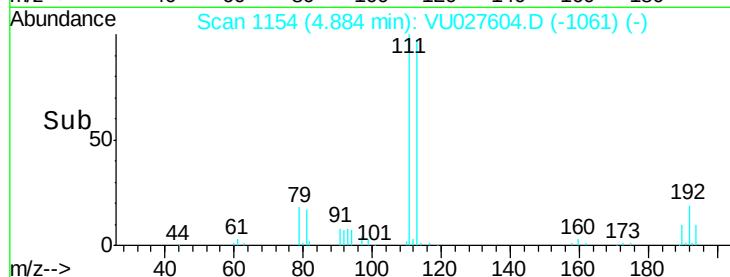
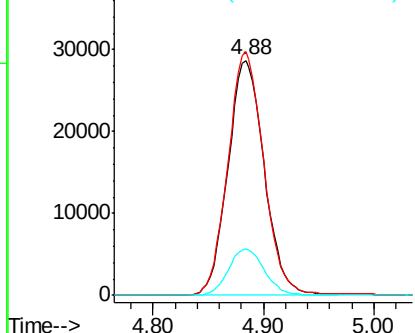
#35
 Dibromofluoromethane
 Concen: 50.04 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027604.D
 Acq: 11 Oct 2018 17:17

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:113 Resp: 65541
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.1 124.7
 192 19.5 15.4 23.0

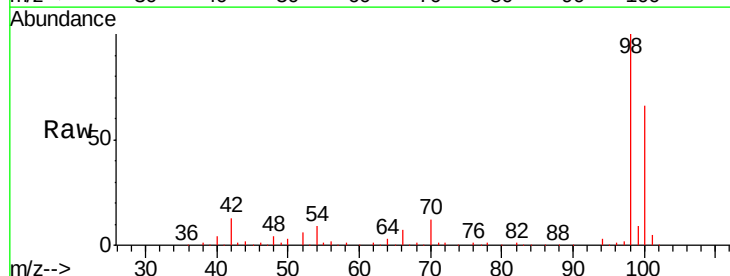


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

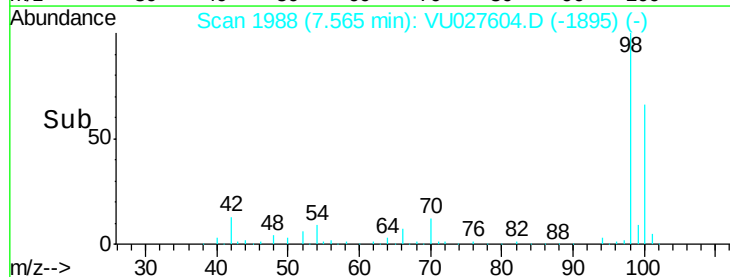
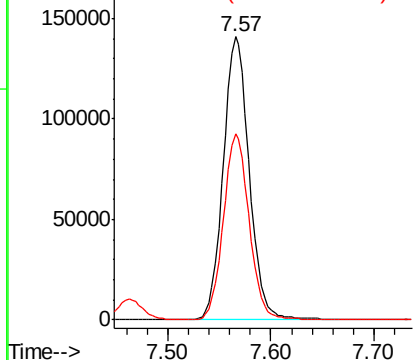


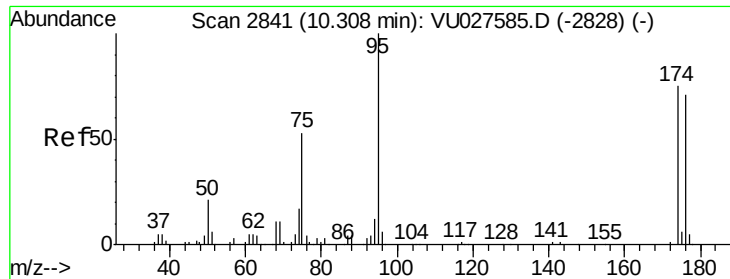
#50
 Toluene-d8
 Concen: 49.50 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VU027604.D
 Acq: 11 Oct 2018 17:17

Tgt Ion: 98 Resp: 246856
 Ion Ratio Lower Upper
 98 100
 100 64.9 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: 47.87 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027604.D

Acq: 11 Oct 2018 17:17

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2018

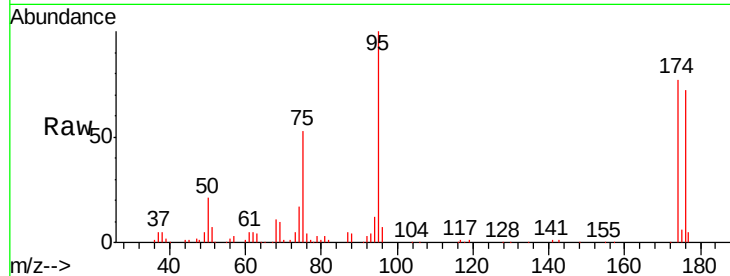
Tgt Ion: 95 Resp: 86107

Ion Ratio Lower Upper

95 100

174 77.2 0.0 147.8

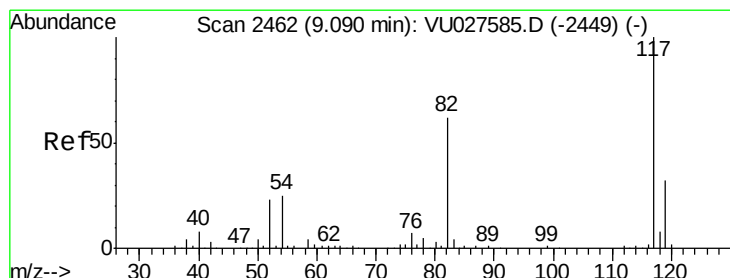
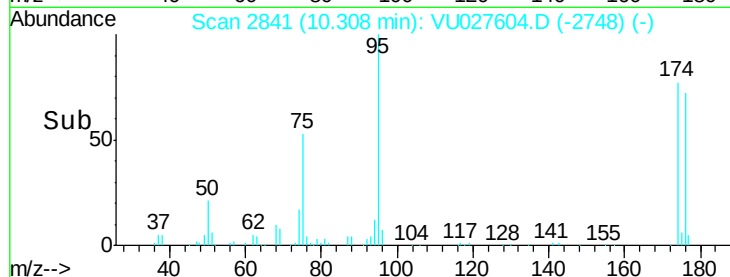
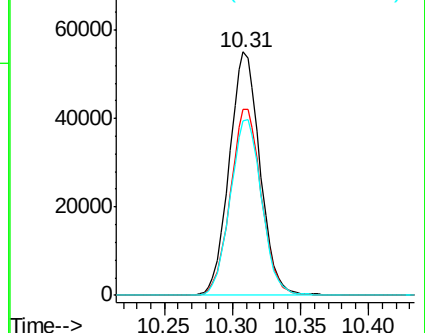
176 73.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027585.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027585.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027585.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027604.D

Acq: 11 Oct 2018 17:17

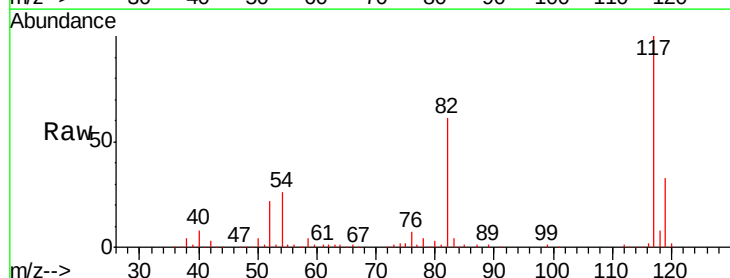
Tgt Ion: 117 Resp: 180522

Ion Ratio Lower Upper

117 100

82 61.2 49.2 73.8

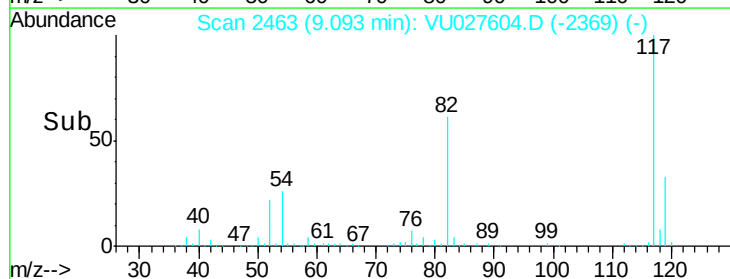
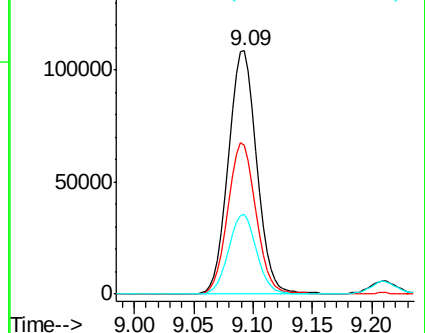
119 32.6 25.7 38.5

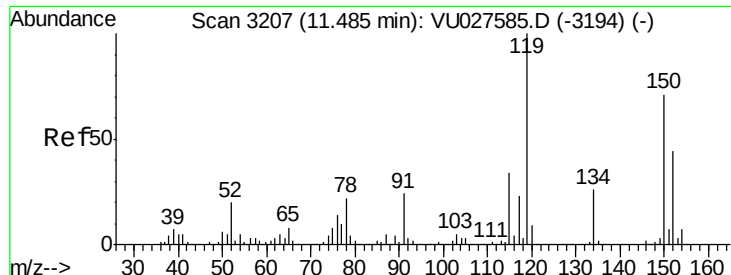


Abundance Ion 116.90 (116.60 to 117.60): VU027585.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027585.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027585.D (-2449) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU027604.D
 Acq: 11 Oct 2018 17:17

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:152 Resp: 88711
 Ion Ratio Lower Upper
 152 100
 115 65.1 43.4 130.2
 150 158.3 0.0 349.2

