

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000847.D
 Acq On : 13 Apr 2018 14:18
 Operator : JC/MD
 Sample : J2133-09 MDL 0.5PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Quant Time: Apr 14 10:45:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

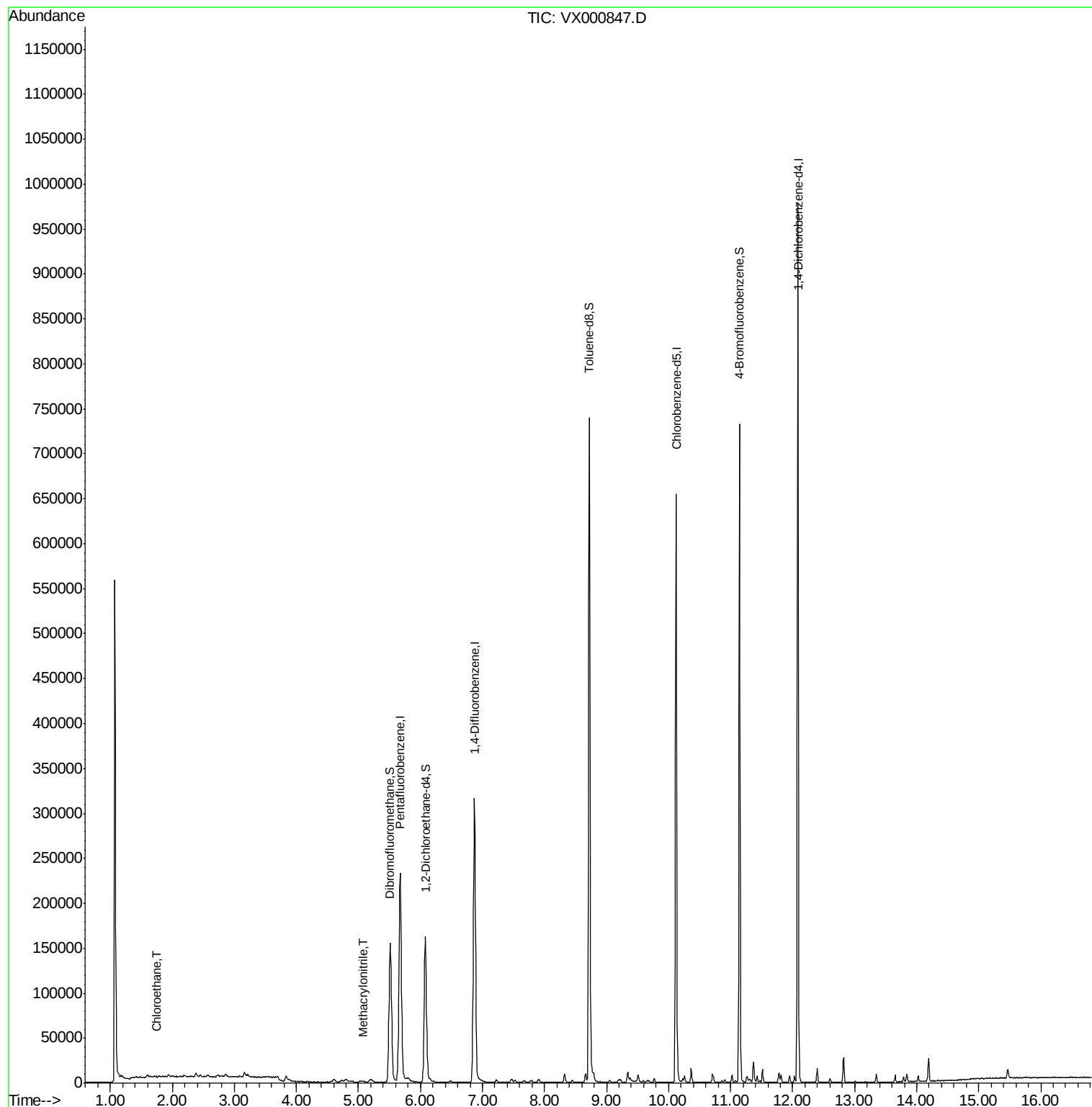
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	154152	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	5.51	113	127106	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	8.72	98	470415	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.14	95	188089	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
6) Chloroethane	1.74	64	2499	1.52	ug/l #	65
41) Methacrylonitrile	5.07	41	771	0.36	ug/l #	85

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000847.D

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Instrument :

MSVOA_X

ClientSampleId :

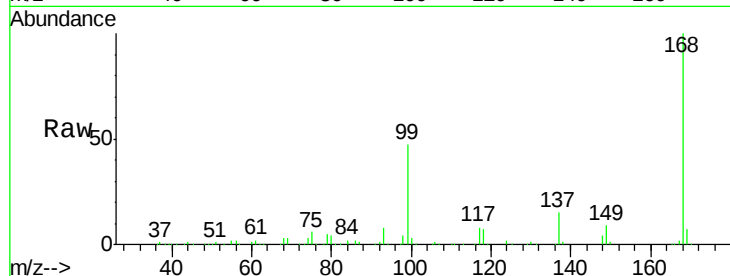
MDL-WATER-03-QT2-2018

Tot Ion:168 Resp: 249972

Ion Ratio Lower Upper

168 100

99 47.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

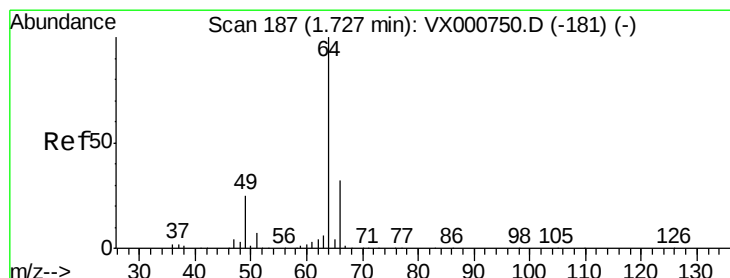
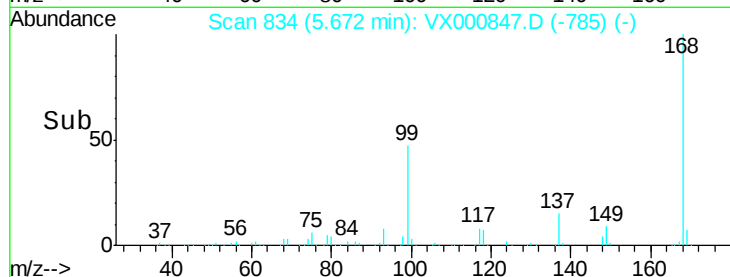
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 1.52 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX000847.D

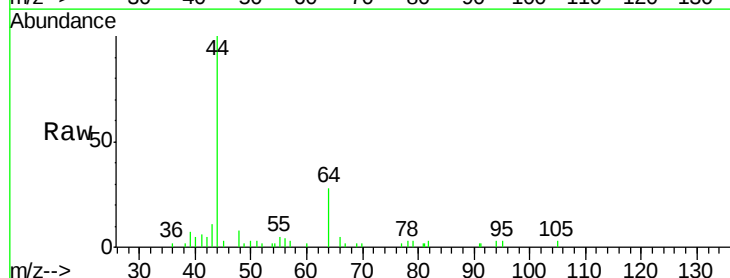
Acq: 13 Apr 2018 14:18

Tgt Ion: 64 Resp: 2499

Ion Ratio Lower Upper

64 100

66 12.4 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.74

1000

800

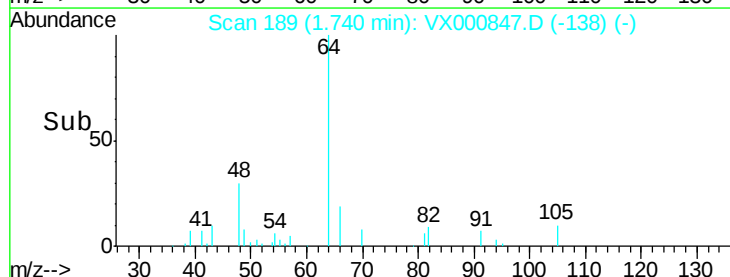
600

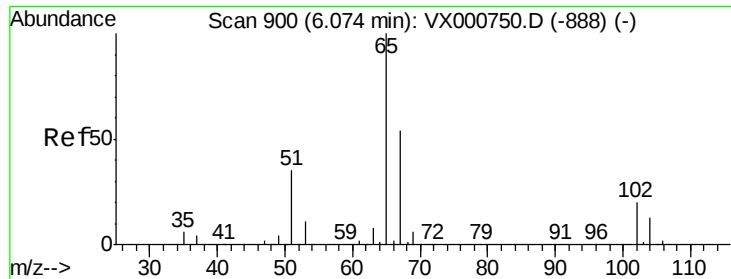
400

200

0

Time--> 1.60 1.65 1.70 1.75

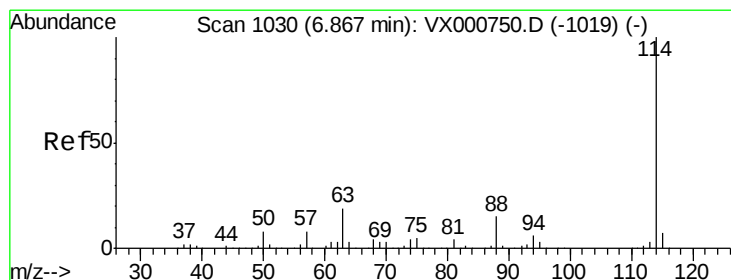
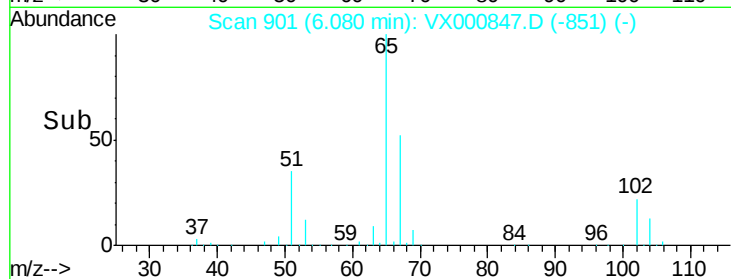
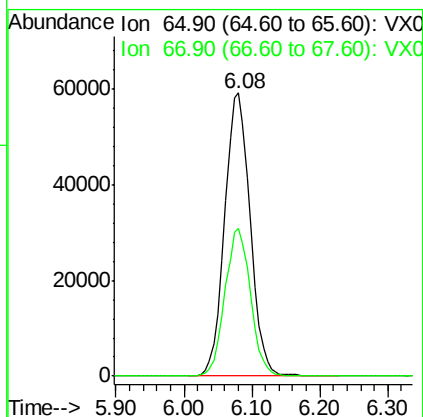
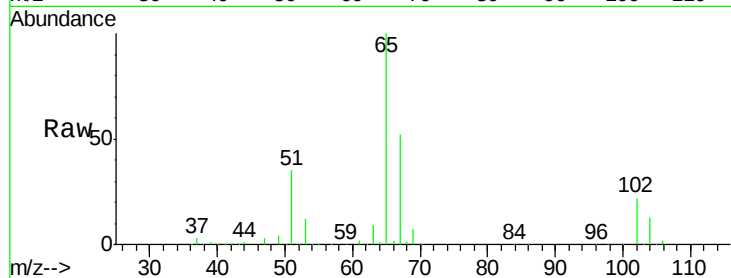




#33
 1,2-Dichloroethane-d4
 Concen: 48.91 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000847.D
 Acq: 13 Apr 2018 14:18

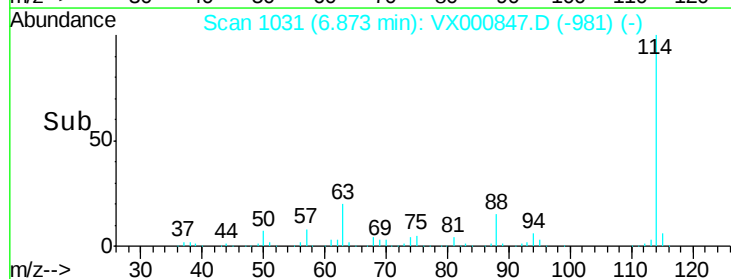
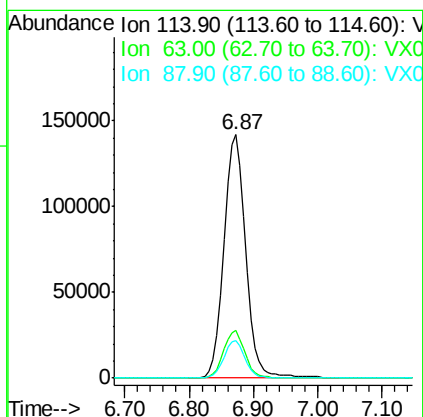
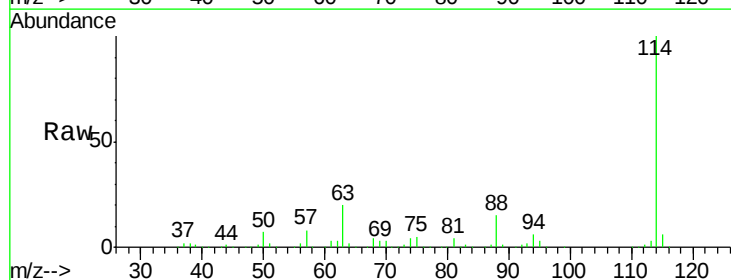
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

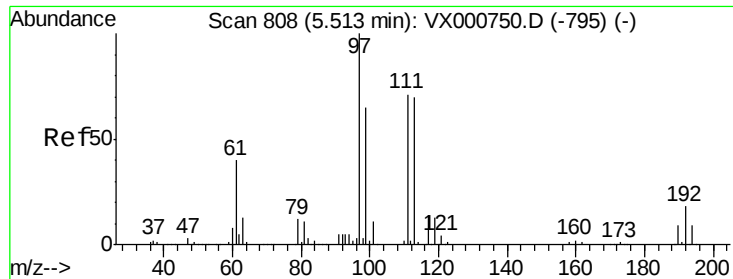
Tot Ion: 65 Resp: 154152
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000847.D
 Acq: 13 Apr 2018 14:18

Tgt Ion: 114 Resp: 340598
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.3 0.0 31.0

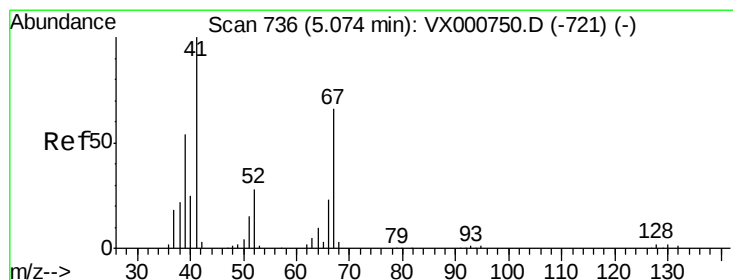
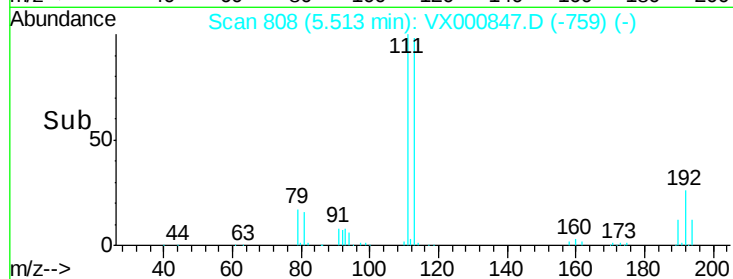
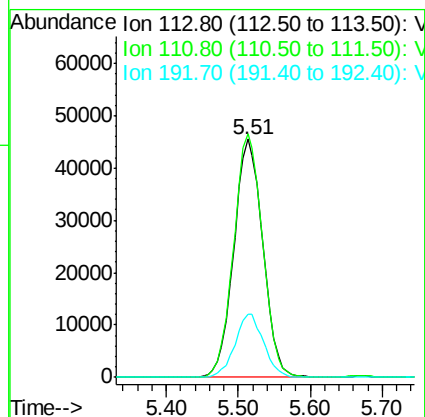
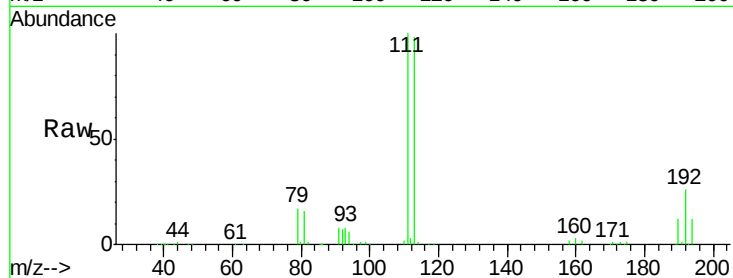




#35
 Dibromofluoromethane
 Concen: 48.44 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000847.D
 Acq: 13 Apr 2018 14:18

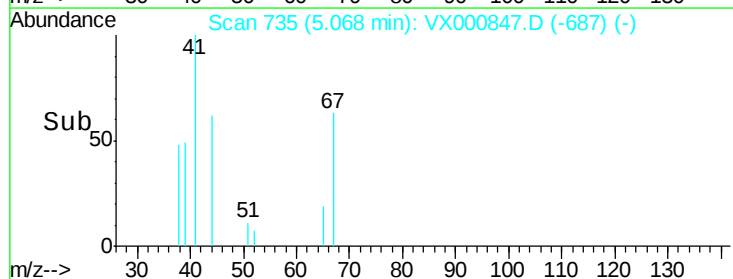
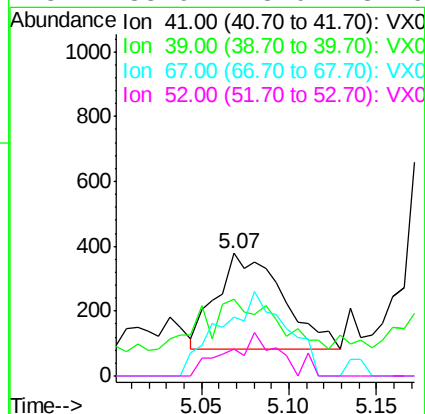
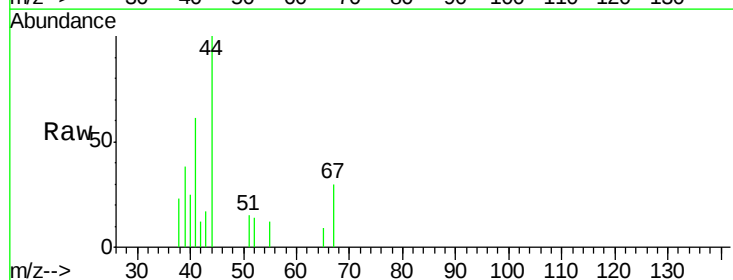
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

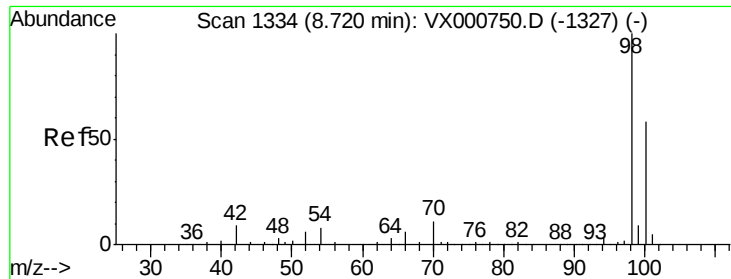
Tot Ion:113 Resp: 127106
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.5 122.3
 192 26.3 20.4 30.6



#41
 Methacrylonitrile
 Concen: 0.36 ug/l
 RT: 5.07 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: VX000847.D
 Acq: 13 Apr 2018 14:18

Tgt Ion: 41 Resp: 771
 Ion Ratio Lower Upper
 41 100
 39 59.9 44.9 67.3
 67 88.1 54.7 82.1#
 52 35.9 23.0 34.6#





#50

Toluene-d8

Concen: 48.15 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000847.D

Acq: 13 Apr 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

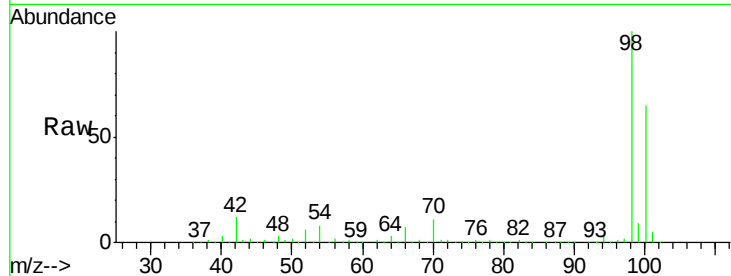
MDL-WATER-03-QT2-2018

Tot Ion: 98 Resp: 470415

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

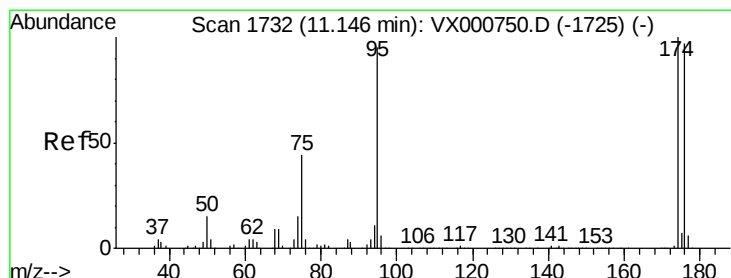
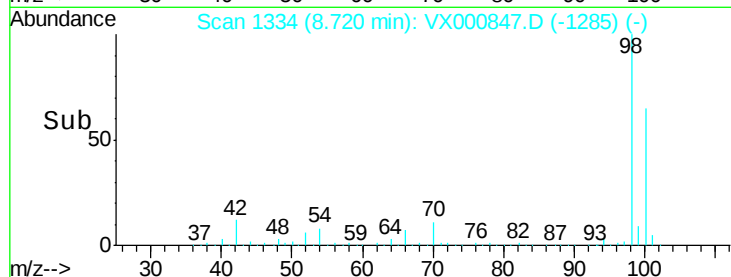
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000847.D

Acq: 13 Apr 2018 14:18

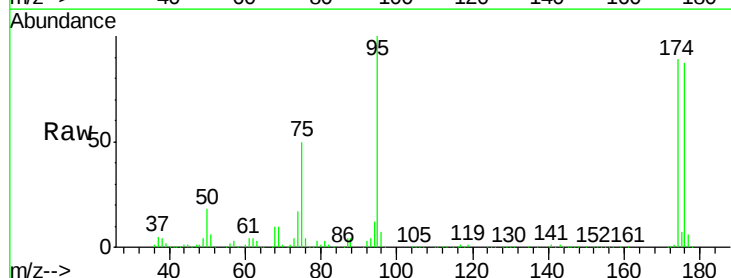
Tgt Ion: 95 Resp: 188089

Ion Ratio Lower Upper

95 100

174 97.0 0.0 198.4

176 95.7 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

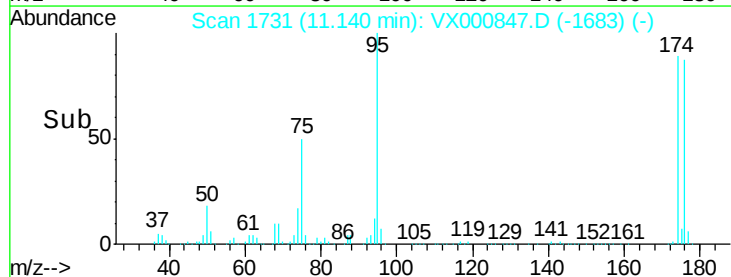
150000

100000

50000

0

Time--> 11.10 11.20

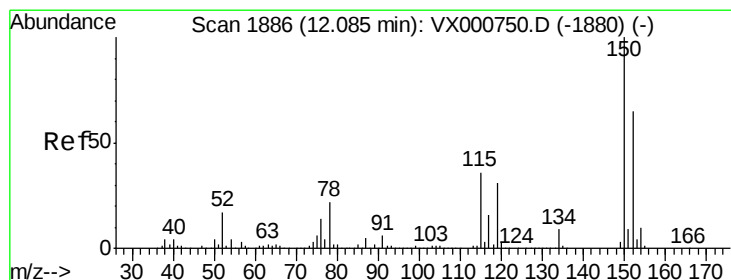
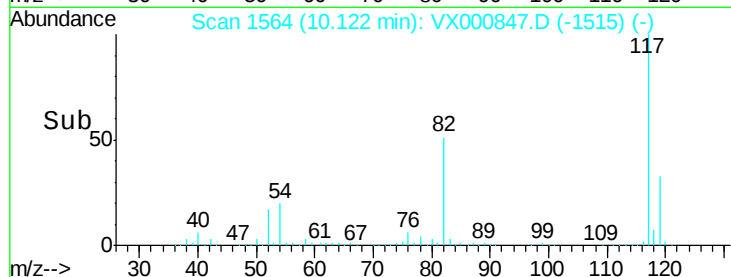
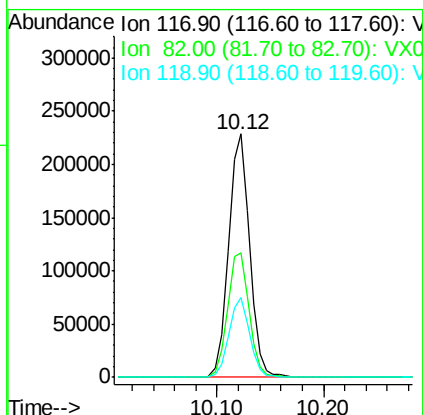
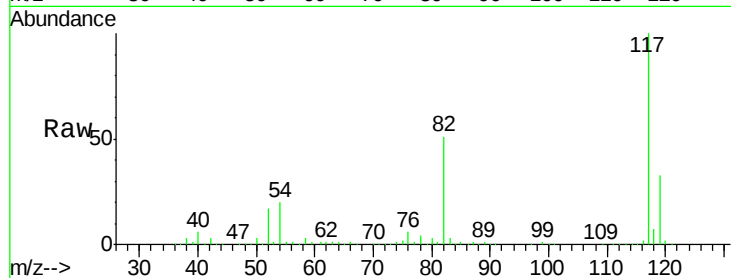




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000847.D
Acq: 13 Apr 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:117 Resp: 316976
Ion Ratio Lower Upper
117 100
82 51.4 41.9 62.9
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000847.D
Acq: 13 Apr 2018 14:18

Tgt Ion:152 Resp: 209819
Ion Ratio Lower Upper
152 100
115 53.9 37.9 113.7
150 155.3 0.0 348.0

