Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
Data File : VX000849.D
Acq On : 13 Apr 2018 15:08
Operator : JC/MD
Sample : J2133-09 MDL 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 14 06:53:46 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	5.68	168	251896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	152996	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
35) Dibromofluoromethane	5.51	113	125387	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.64%			
50) Toluene-d8	8.73	98	460470	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.32%			
62) 4-Bromofluorobenzene	11.15	95	186633	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.38%			
Target Compounds						Qvalue
10) Methyl Iodide	2.51	142	1985	9.10	ug/l	99
11) Tert butyl alcohol	3.09	59	7050	12.50	ug/l	100
13) Acrolein	2.30	56	2180	7.96	ug/l	87

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

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MDL-WATER-03-QT2-2018

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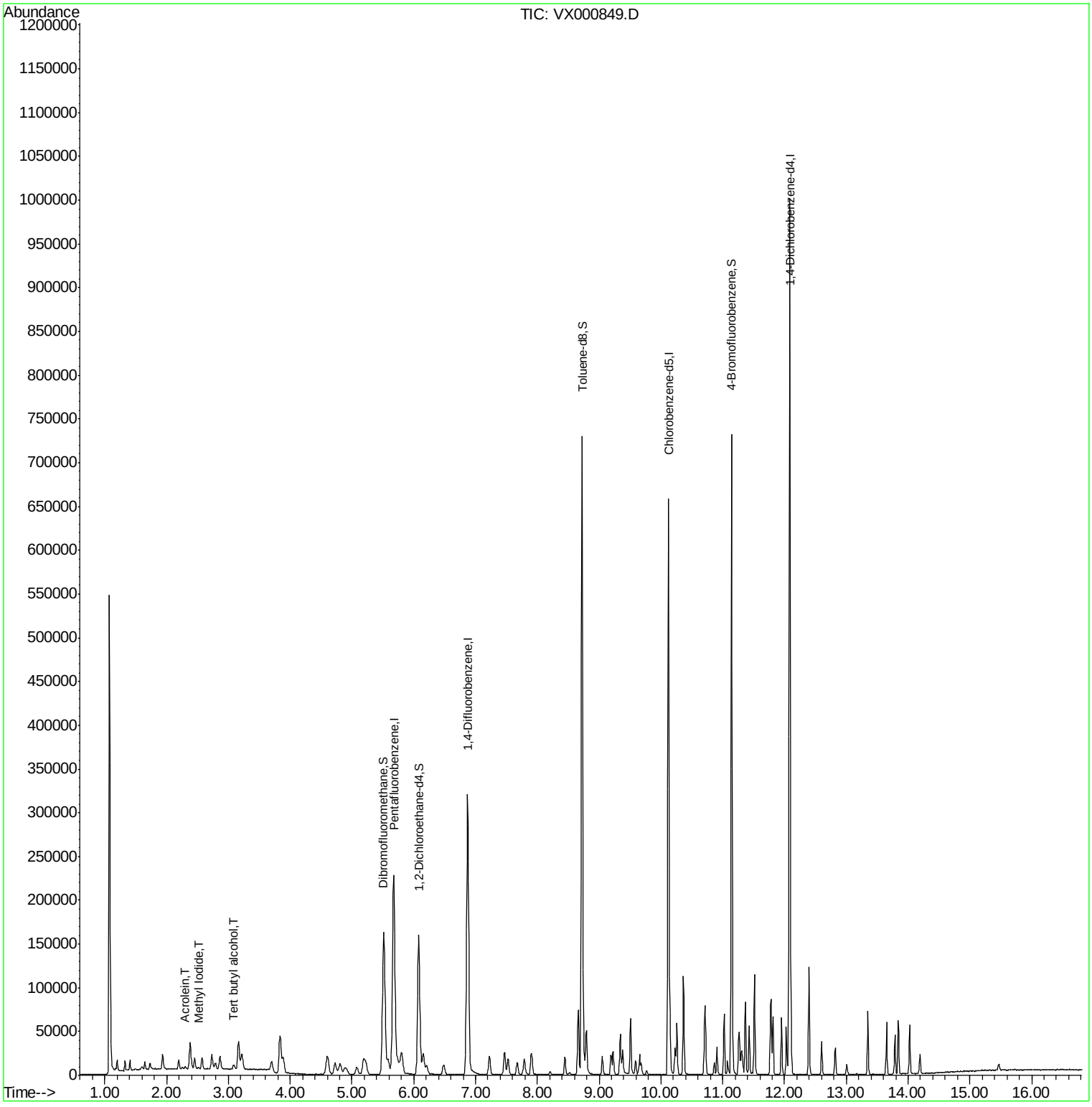
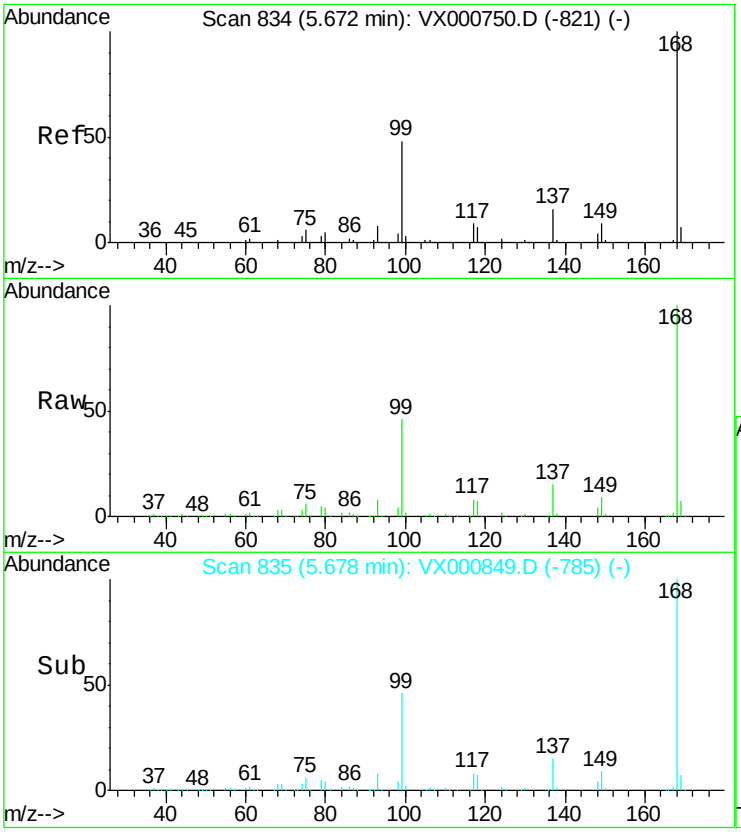


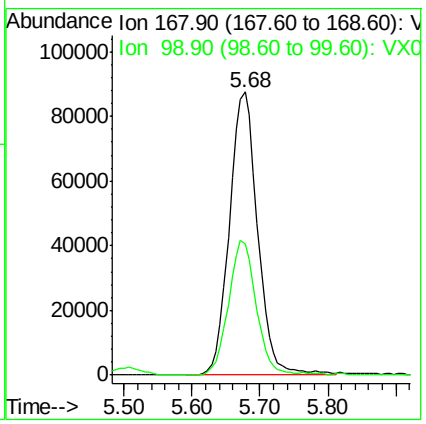


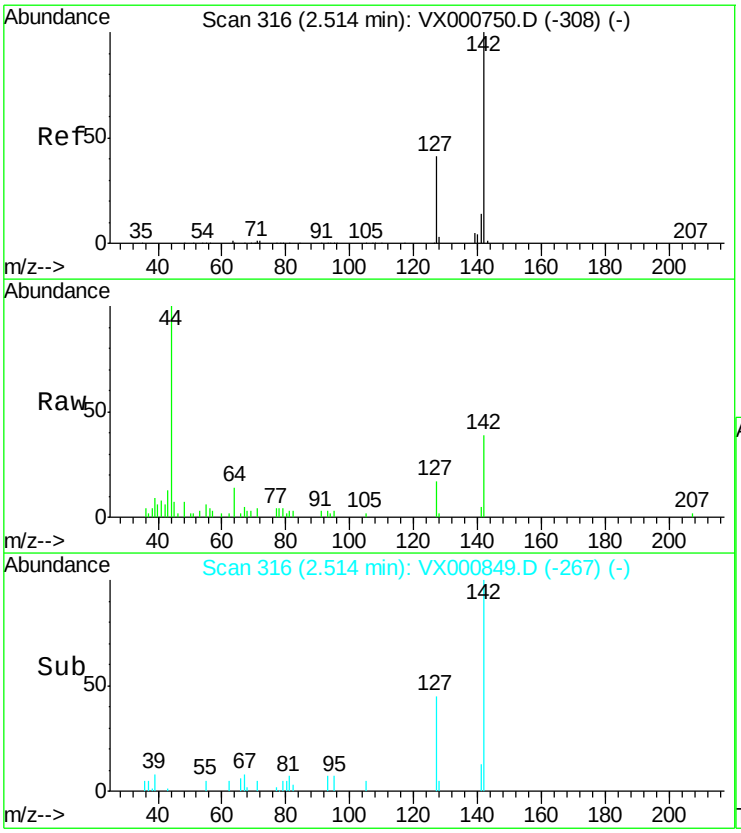
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.01 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

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

Tgt Ion:168 Resp: 251896

Ion	Ratio	Lower	Upper
168	100		
99	46.4	38.3	57.5

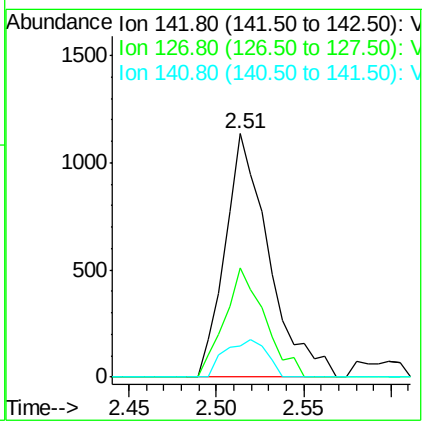


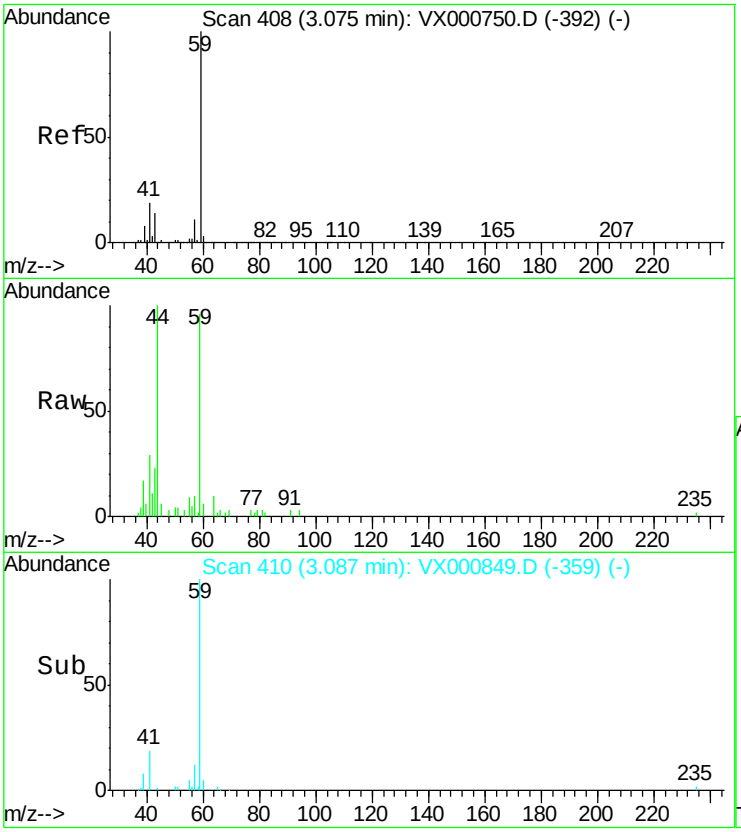


#10
Methyl Iodide
Concen: 9.10 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

Tgt Ion:142 Resp: 1985

Ion	Ratio	Lower	Upper
142	100		
127	41.2	32.6	49.0
141	14.6	11.5	17.3



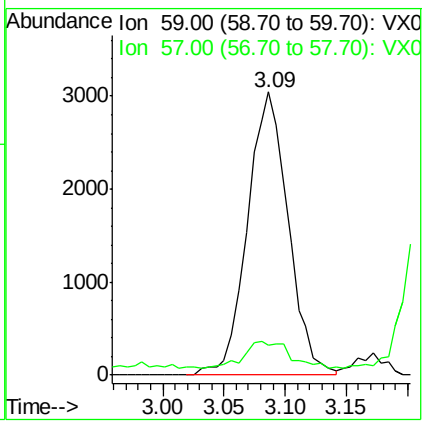


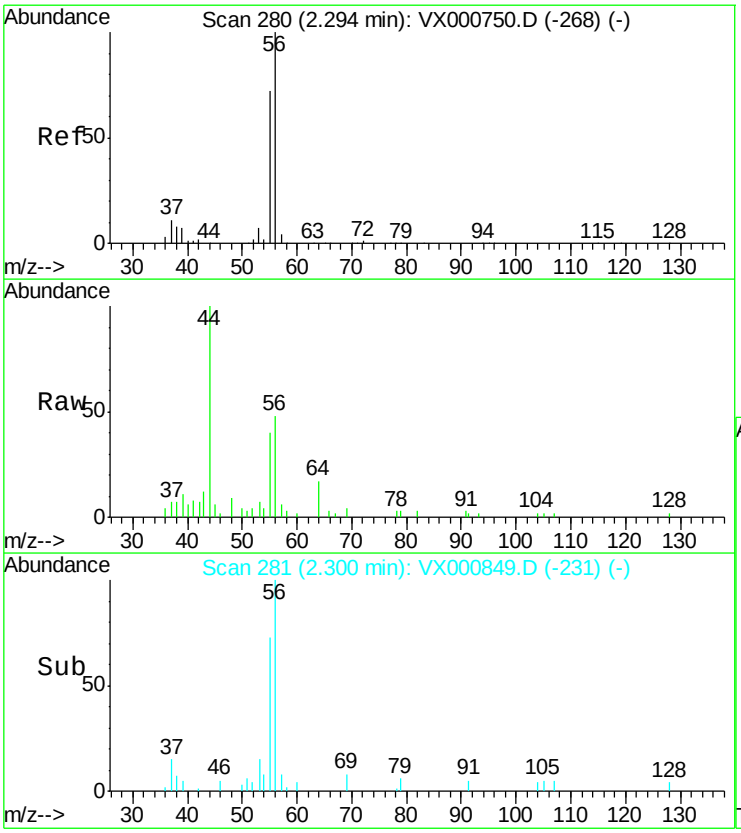
#11
Tert butyl alcohol
Concen: 12.50 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

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

Tgt Ion: 59 Resp: 7050

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

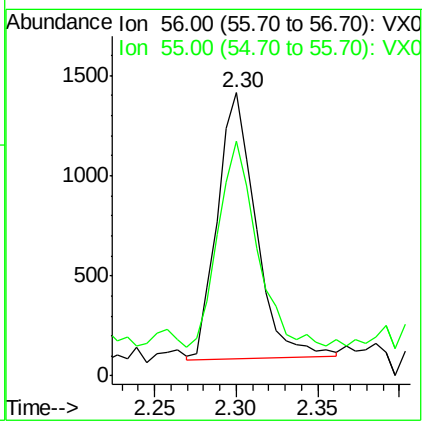


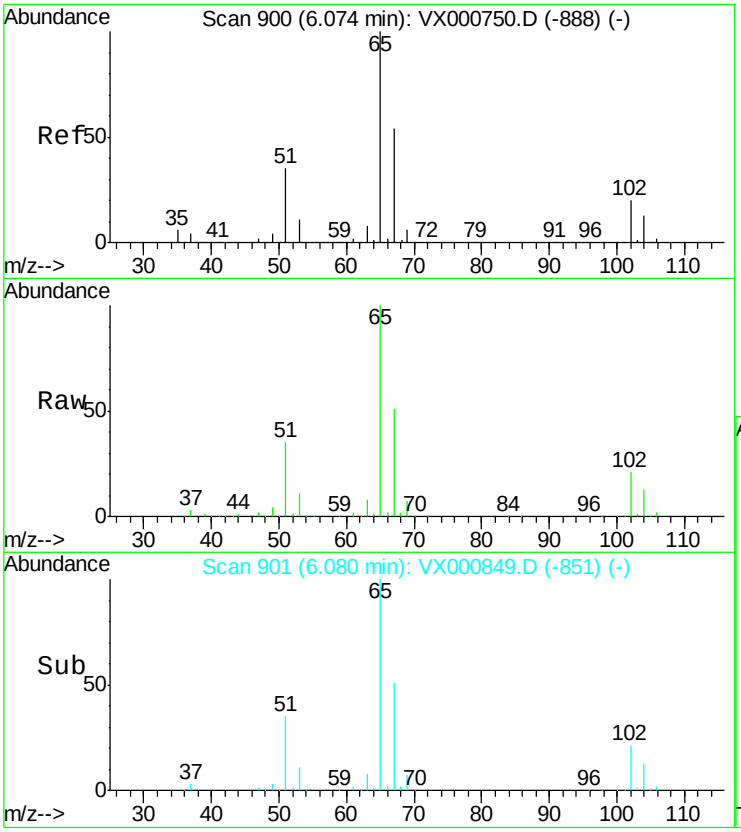


#13
Acrolein
Concen: 7.96 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

Tgt Ion: 56 Resp: 2180

Ion	Ratio	Lower	Upper
56	100		
55	84.2	58.7	88.1



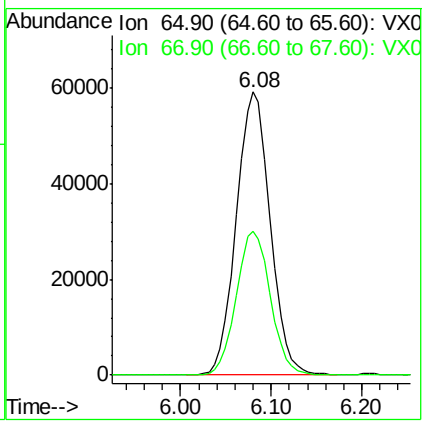


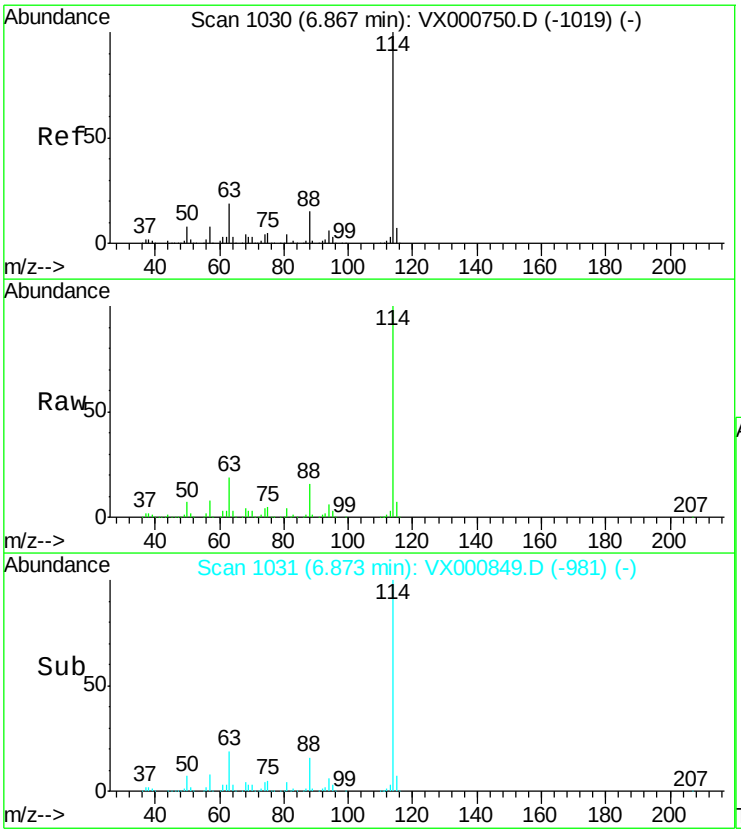
#33
1,2-Dichloroethane-d4
Concen: 48.17 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

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

Tgt Ion: 65 Resp: 152996

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.8

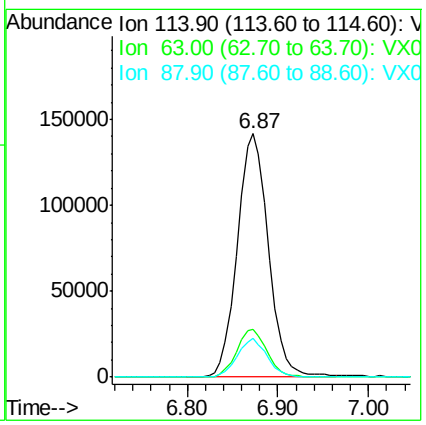


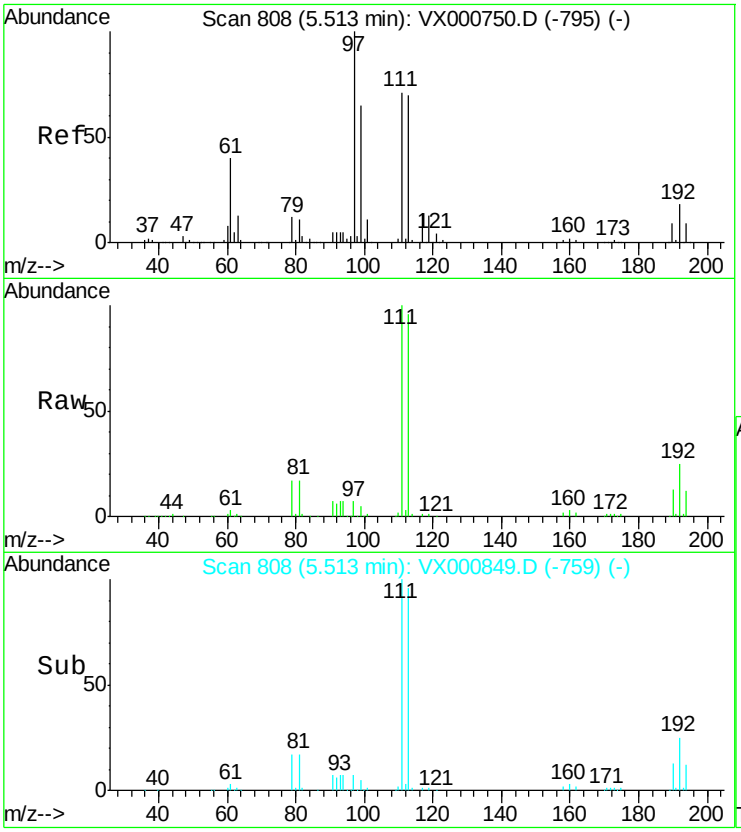


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

Tgt Ion:114 Resp: 336795

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.7	0.0	31.0



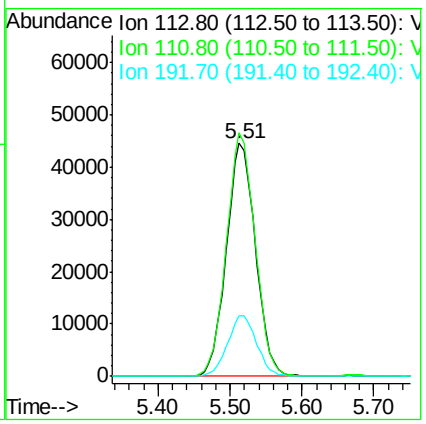


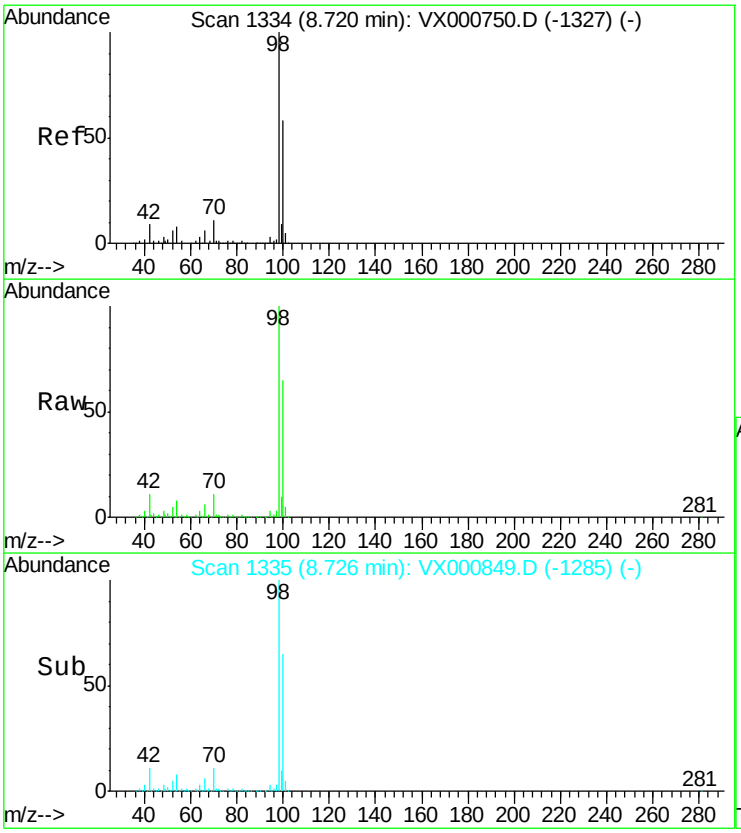
#35
Dibromofluoromethane
Concen: 48.32 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

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

Tgt Ion:113 Resp: 125387

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	25.8	20.4	30.6

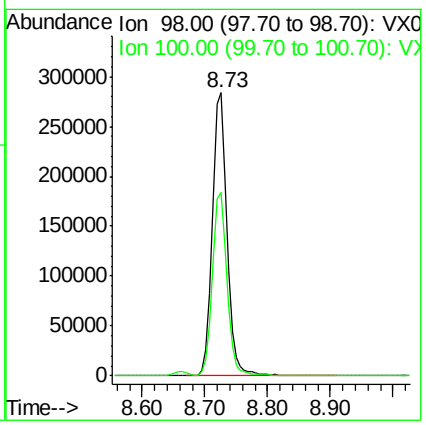


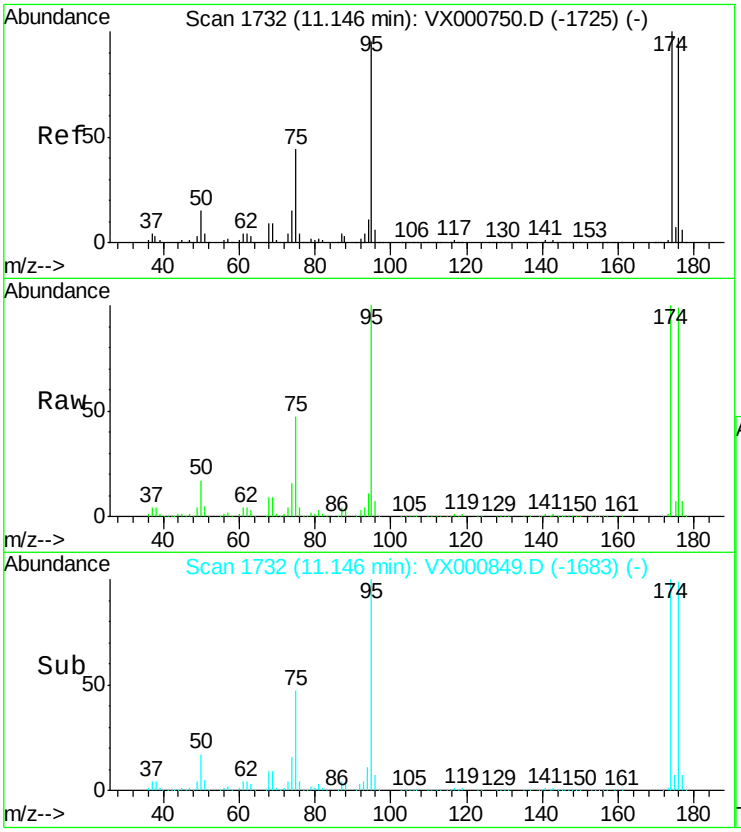


#50
Toluene-d8
Concen: 47.66 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

Tgt Ion: 98 Resp: 460470

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	79.0



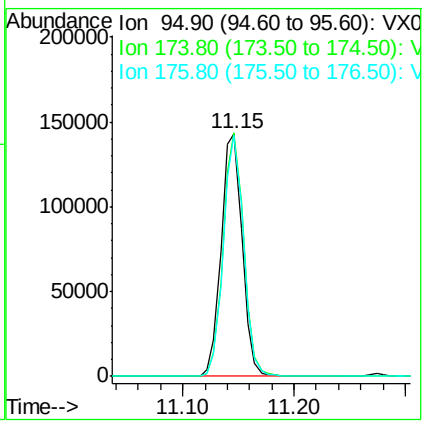


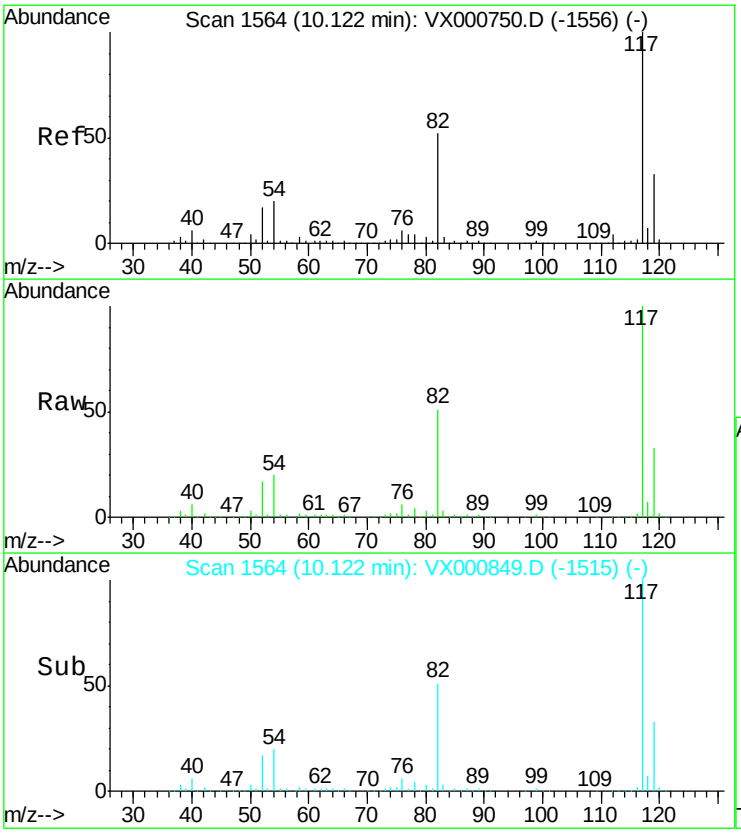
#62
4-Bromofluorobenzene
Concen: 46.69 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

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

Tgt Ion: 95 Resp: 186633

Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	198.4
176	95.6	0.0	194.4

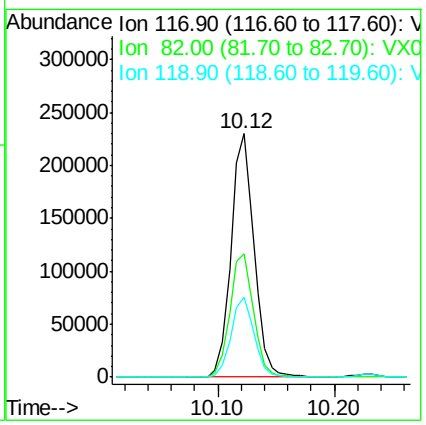


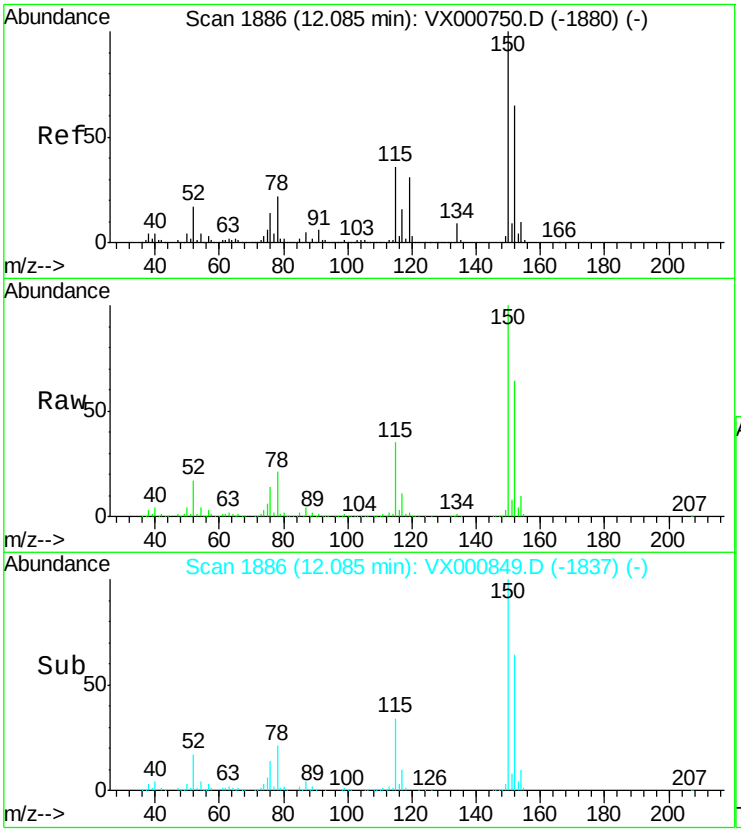


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000849.D
Acq: 13 Apr 2018 15:08

Tgt Ion:117 Resp: 316926

Ion	Ratio	Lower	Upper
117	100		
82	50.8	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: VX000849.D
Acq: 13 Apr 2018 15:08

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

Tgt Ion:152 Resp: 212509

Ion	Ratio	Lower	Upper
152	100		
115	54.5	37.9	113.7
150	156.4	0.0	348.0