Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005296.D
Acq On : 12 Oct 2018 16:31
Operator : JC/MD
Sample : J5164-07 2.5ppb
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 15 03:28:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151901	55.79	ug/l	-0.01
Spiked Amount 50.000			Recovery = 111.58%			
35) Dibromofluoromethane	5.51	113	122682	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.16%			
50) Toluene-d8	8.71	98	425690	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.18%			
62) 4-Bromofluorobenzene	11.14	95	149707	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.98%			
Target Compounds						Qvalue
10) Methyl Iodide	2.51	142	4107	4.13	ug/l #	89
11) Tert butyl alcohol	3.07	59	11144	14.51	ug/l #	91
13) Acrolein	2.29	56	8874	16.08	ug/l	96

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

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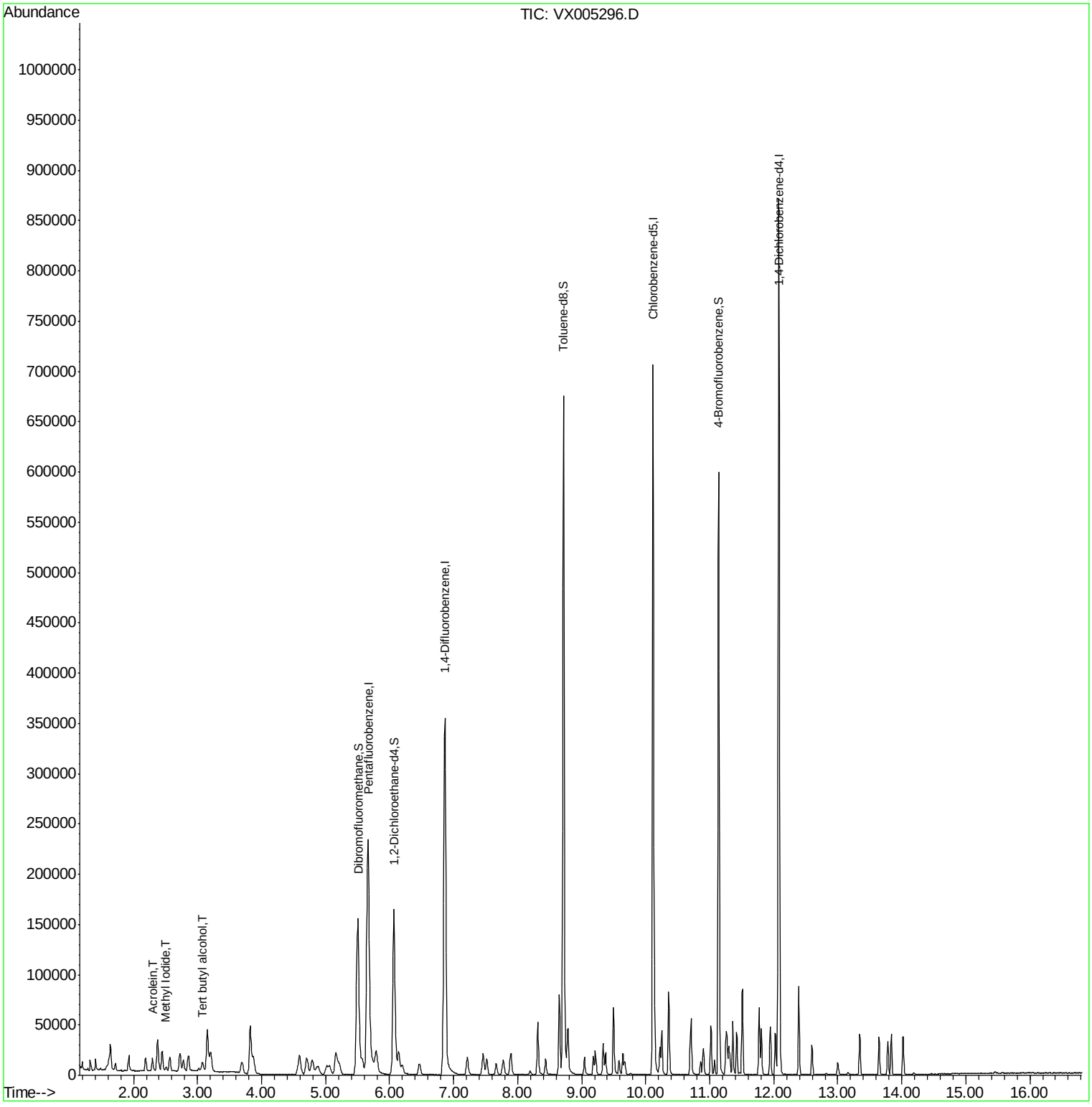
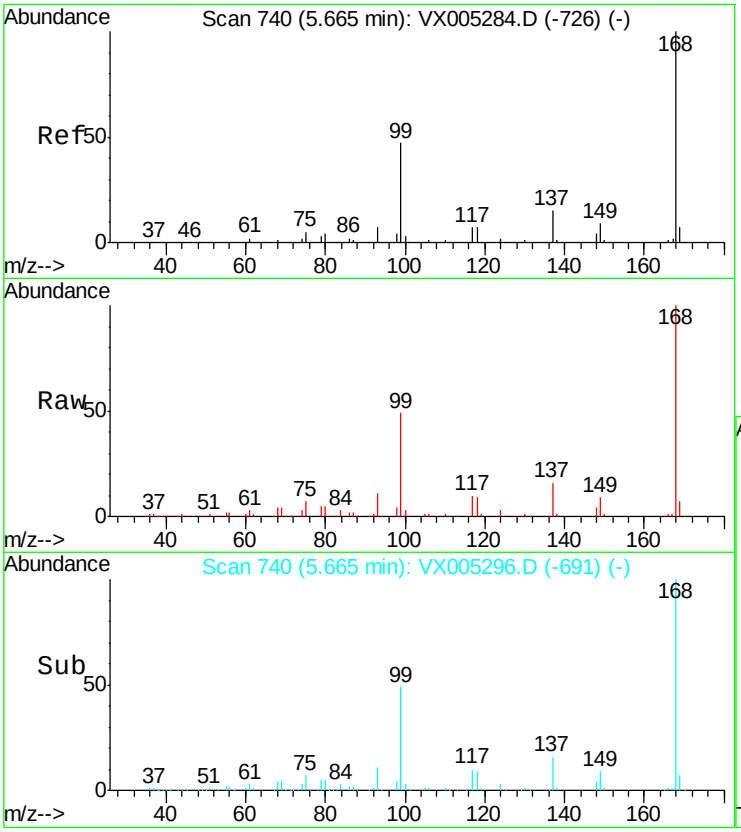


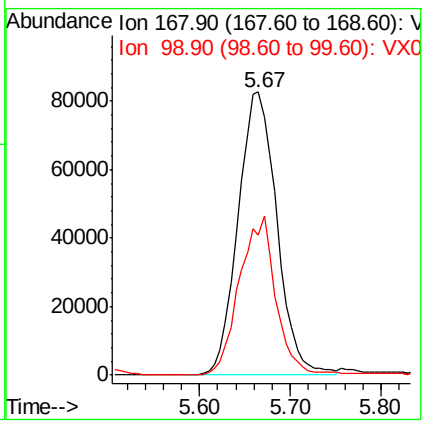


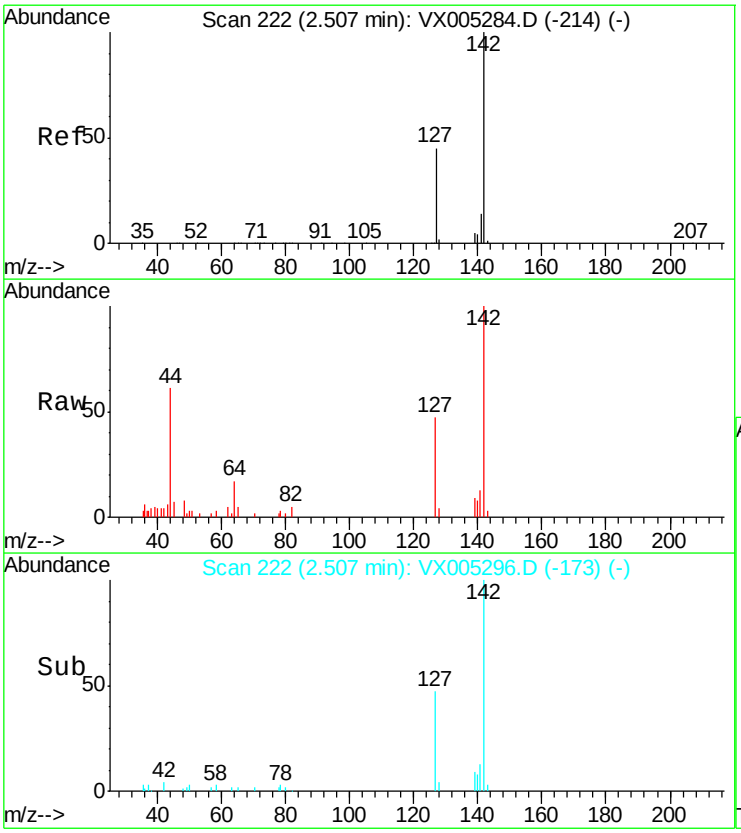
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:168 Resp: 245310

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.9	59.9

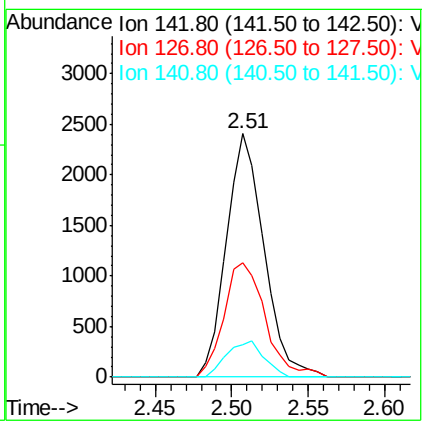


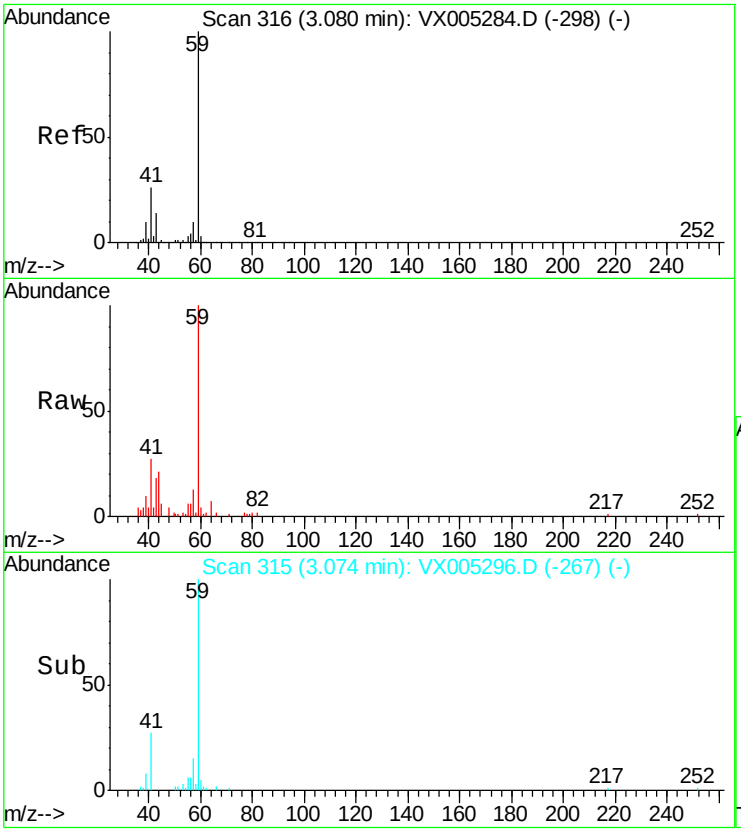


#10
Methyl Iodide
Concen: 4.13 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Tgt Ion:142 Resp: 4107

Ion	Ratio	Lower	Upper
142	100		
127	51.4	33.8	50.6#
141	14.7	11.4	17.0



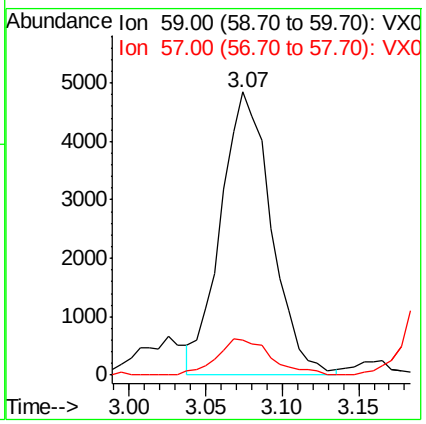


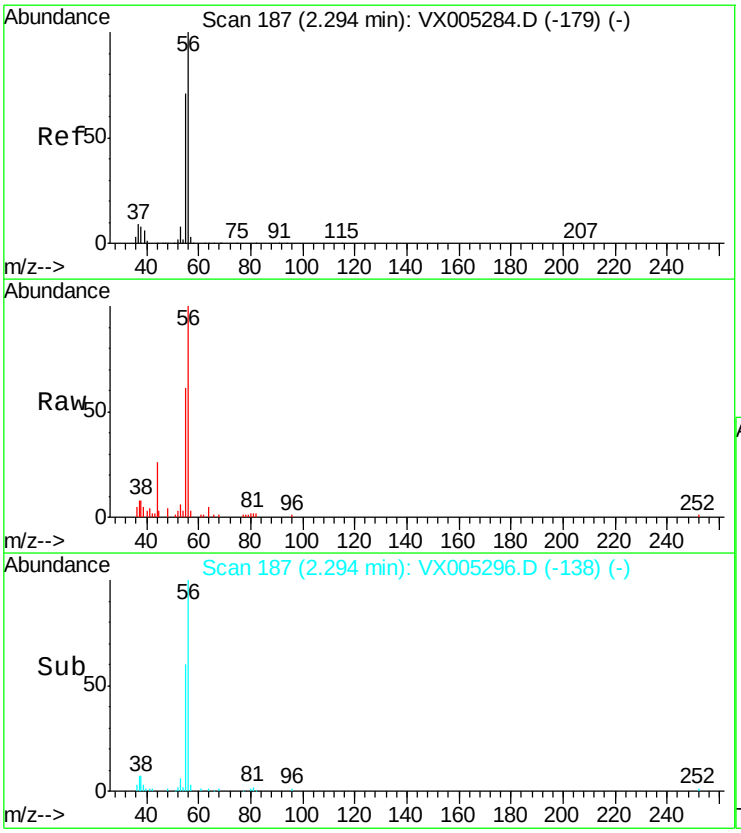
#11
Tert butyl alcohol
Concen: 14.51 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 59 Resp: 11144

Ion	Ratio	Lower	Upper
59	100		
57	13.7	8.2	12.4#

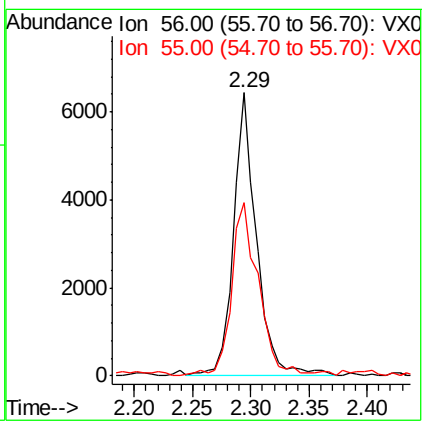


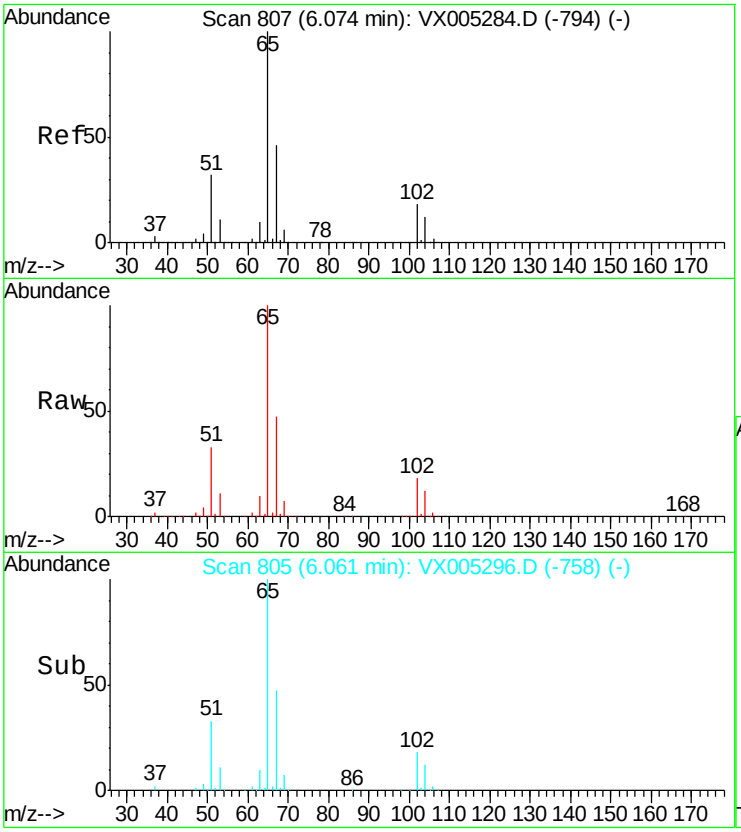


#13
Acrolein
Concen: 16.08 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Tgt Ion: 56 Resp: 8874

Ion	Ratio	Lower	Upper
56	100		
55	71.8	54.7	82.1



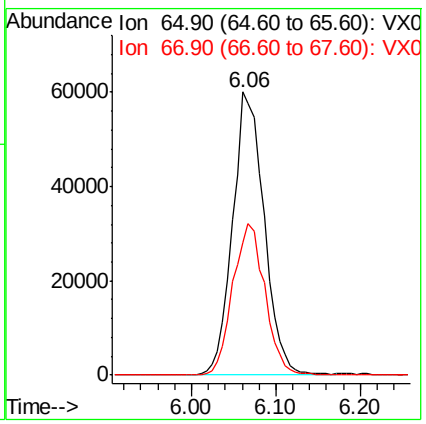


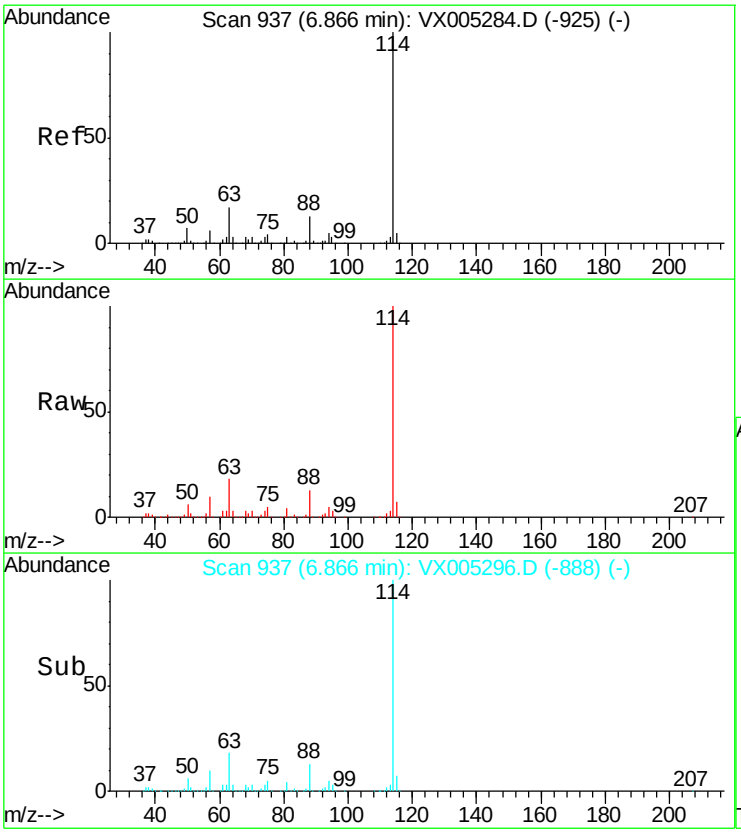
#33
1,2-Dichloroethane-d4
Concen: 55.79 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 65 Resp: 151901

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	106.8

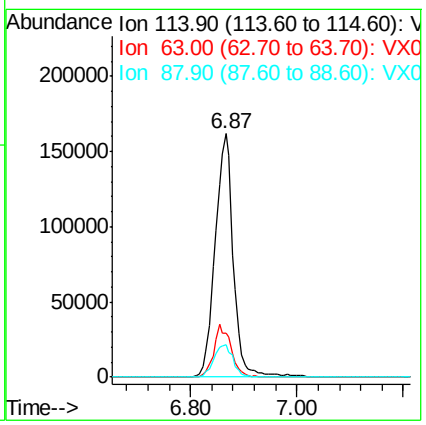


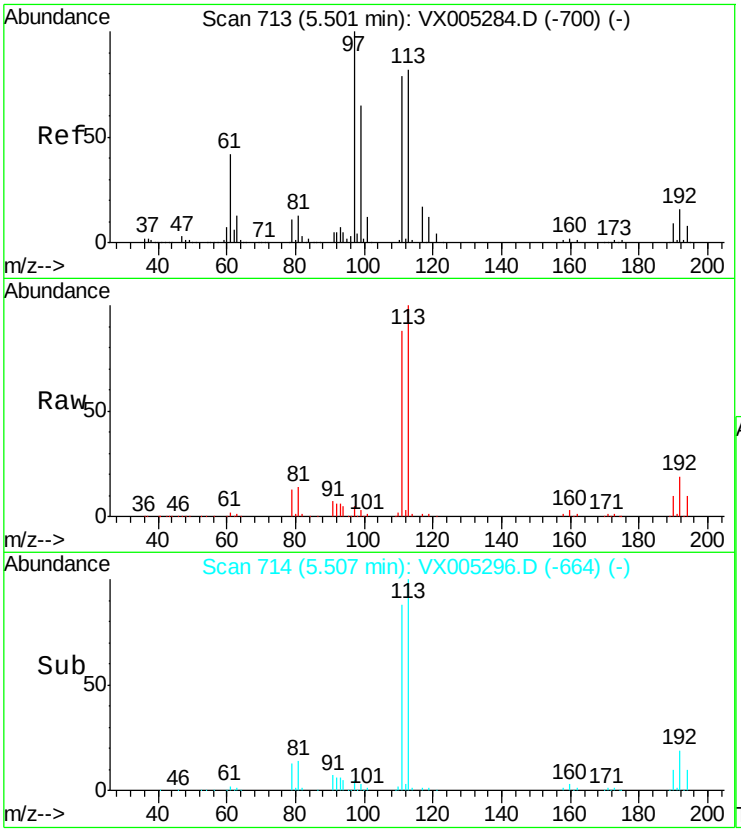


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 937
Delta R.T. -0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Tgt Ion:114 Resp: 385270

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.0
88	13.1	0.0	30.4



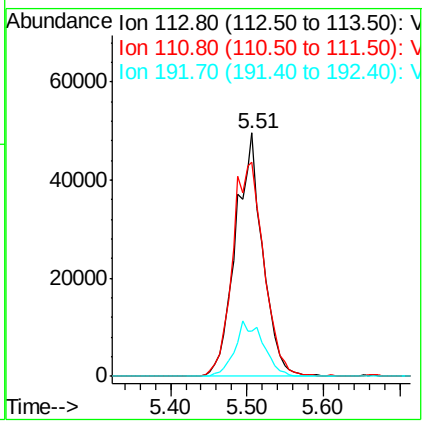


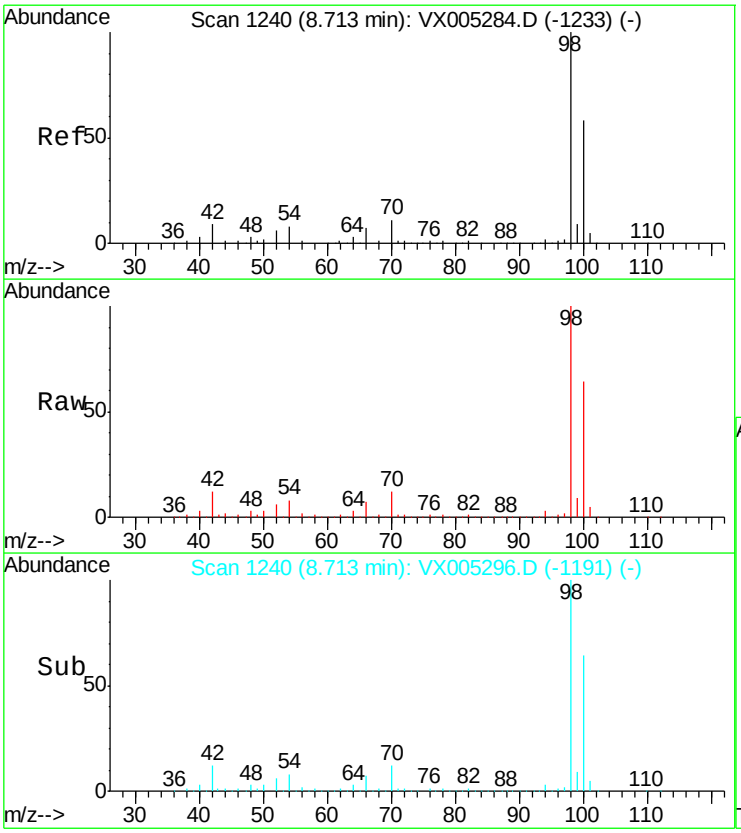
#35
Dibromofluoromethane
Concen: 48.08 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:113 Resp: 122682

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	23.6	19.4	29.2

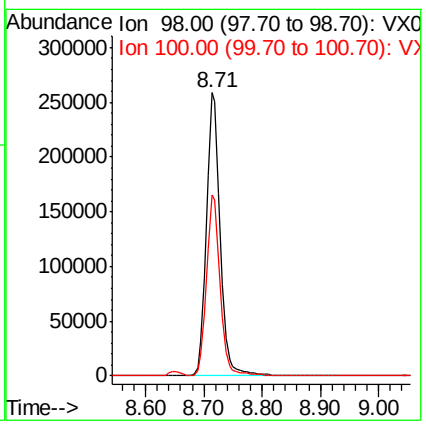


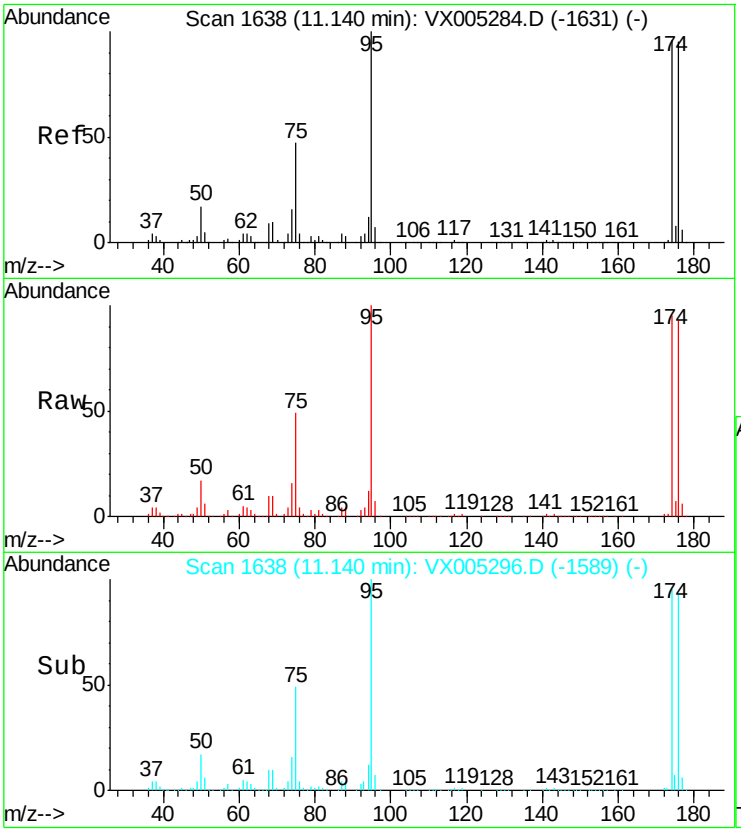


#50
Toluene-d8
Concen: 48.59 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Tgt Ion: 98 Resp: 425690

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.9	79.3



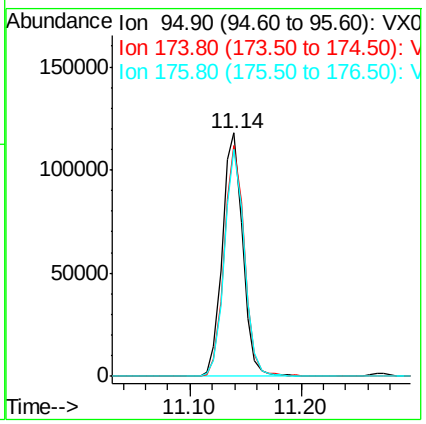


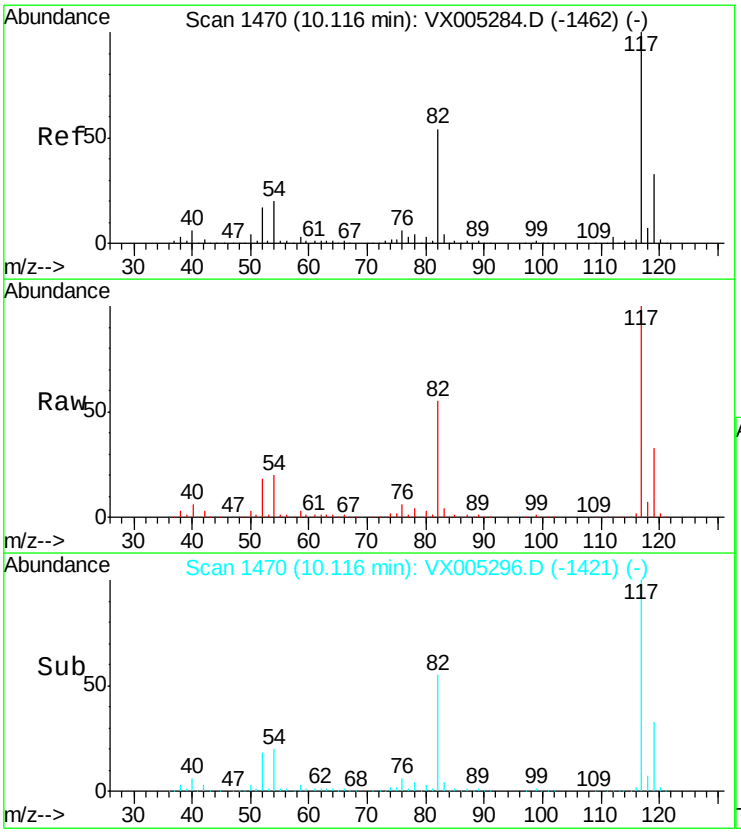
#62
4-Bromofluorobenzene
Concen: 45.49 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 95 Resp: 149707

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	185.2
176	91.3	0.0	178.6

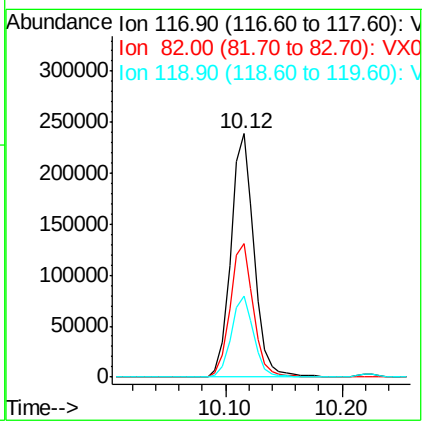


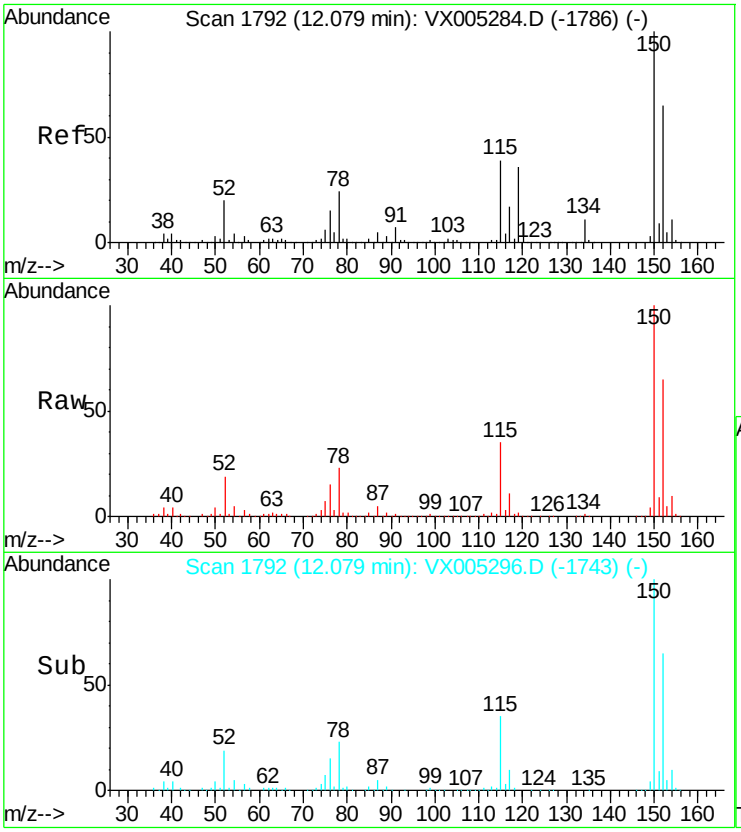


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Tgt Ion:117 Resp: 329769

Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.8	71.6
119	33.3	29.3	43.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005296.D
Acq: 12 Oct 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 177385

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.0	117.0
150	156.6	0.0	351.0