Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
Data File : VX015091.D
Acq On : 04 Mar 2020 16:42
Operator : JC/SP
Sample : L1161-07 0.75PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Quant Time: Mar 05 12:32:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 07:49:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	361861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	568131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	252256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	216122	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.68%			
35) Dibromofluoromethane	5.49	113	171415	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.66%			
50) Toluene-d8	8.71	98	663099	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
62) 4-Bromofluorobenzene	11.14	95	225469	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.72%			
Target Compounds						Qvalue
41) Methacrylonitrile	5.04	41	1653	0.565	ug/l #	76
49) 1,4-Dioxane	7.75	88	1948	20.654	ug/l #	51

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

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LOD-MDL-WATER-01-QT1-2020

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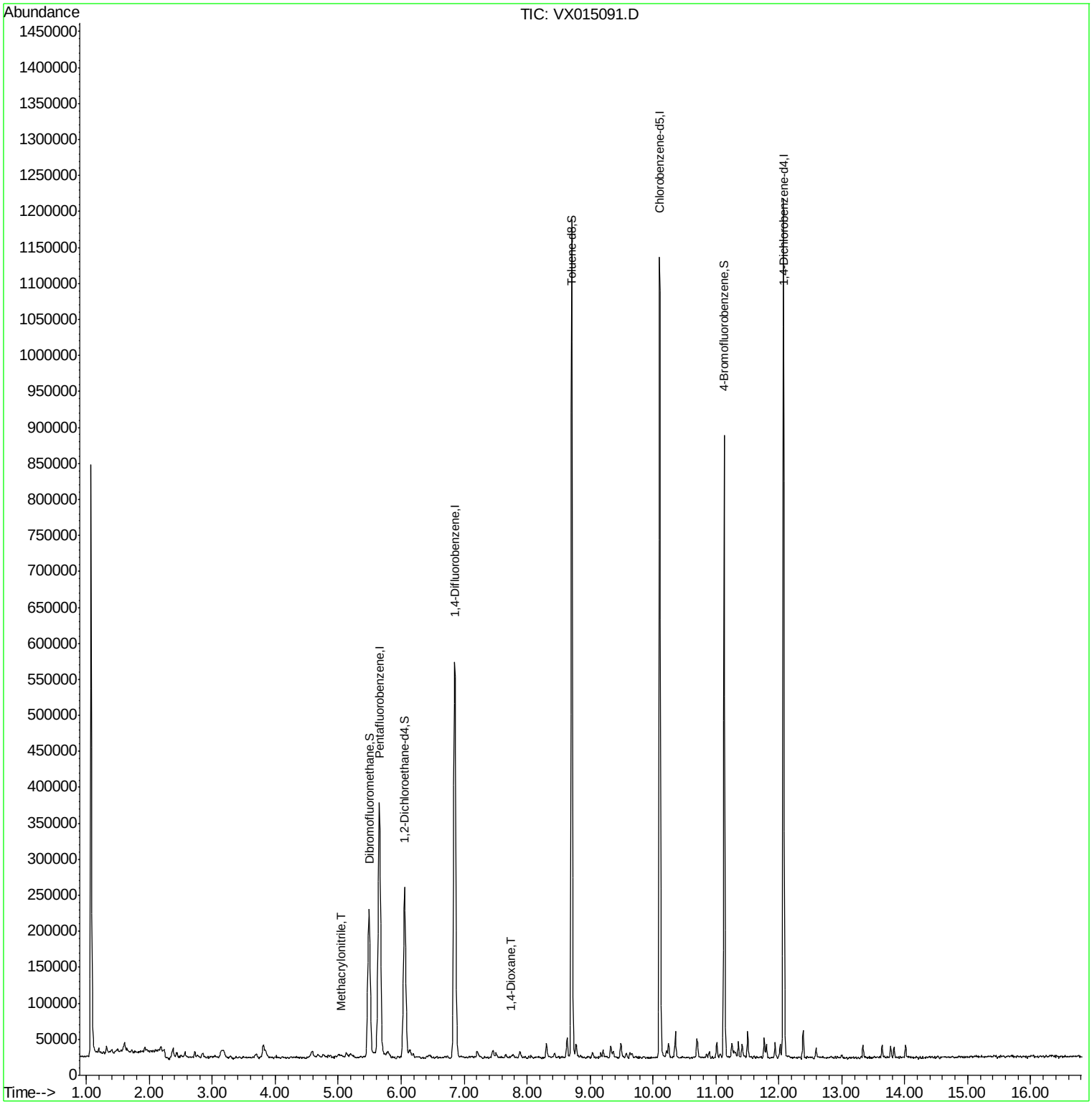
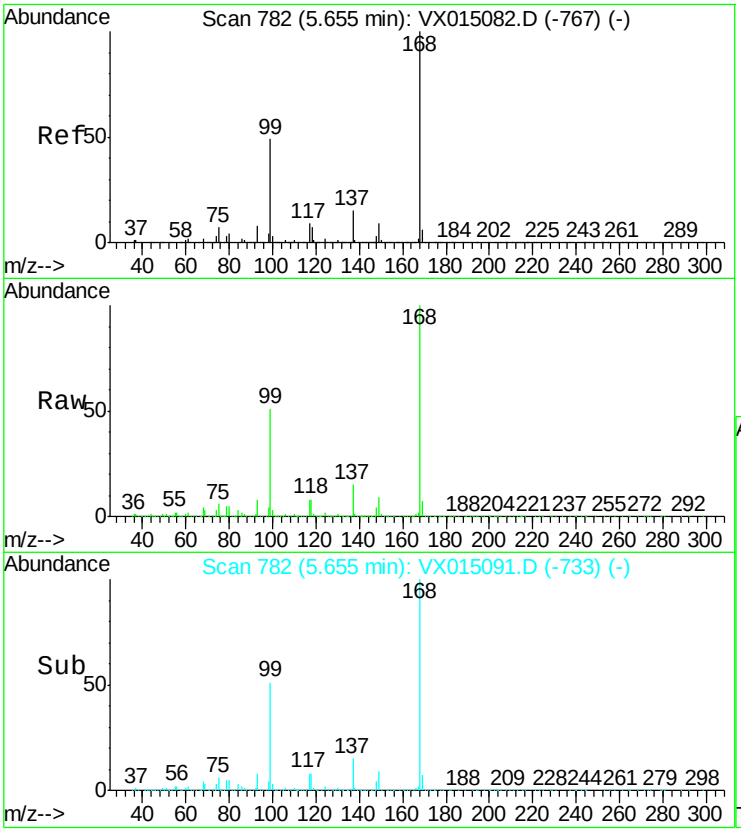


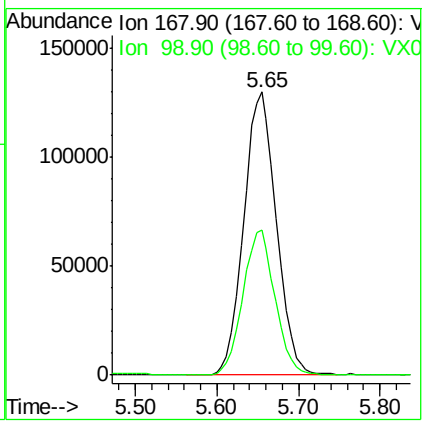


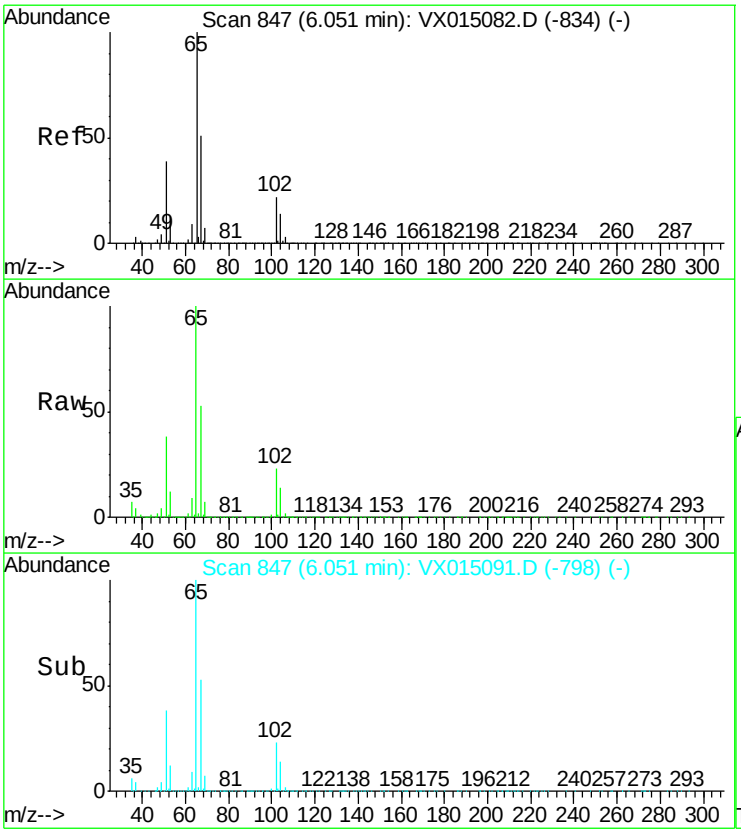
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:168 Resp: 361861

Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.4	59.2

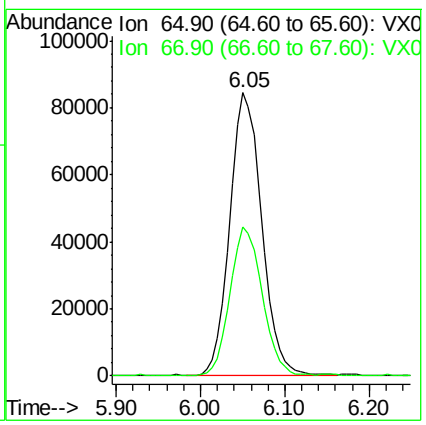


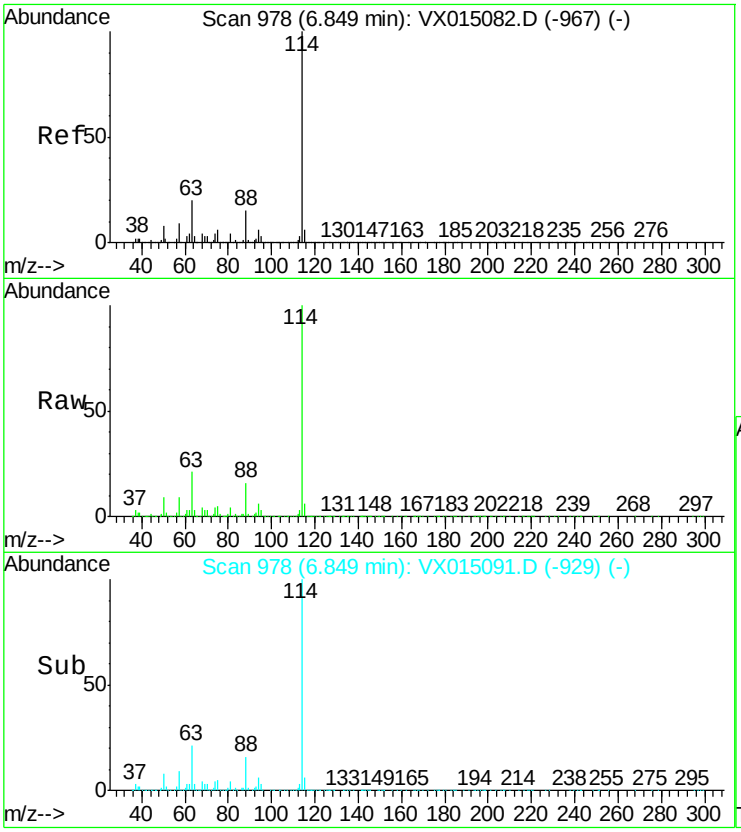


#33
1,2-Dichloroethane-d4
Concen: 50.343 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 65 Resp: 216122

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.6



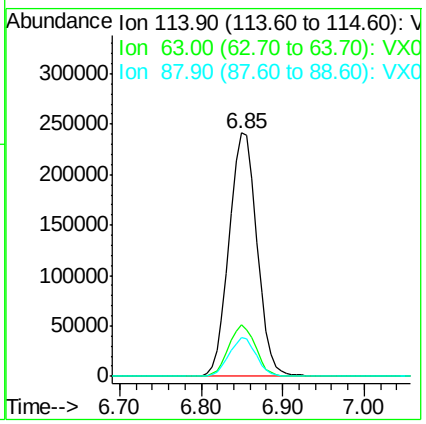


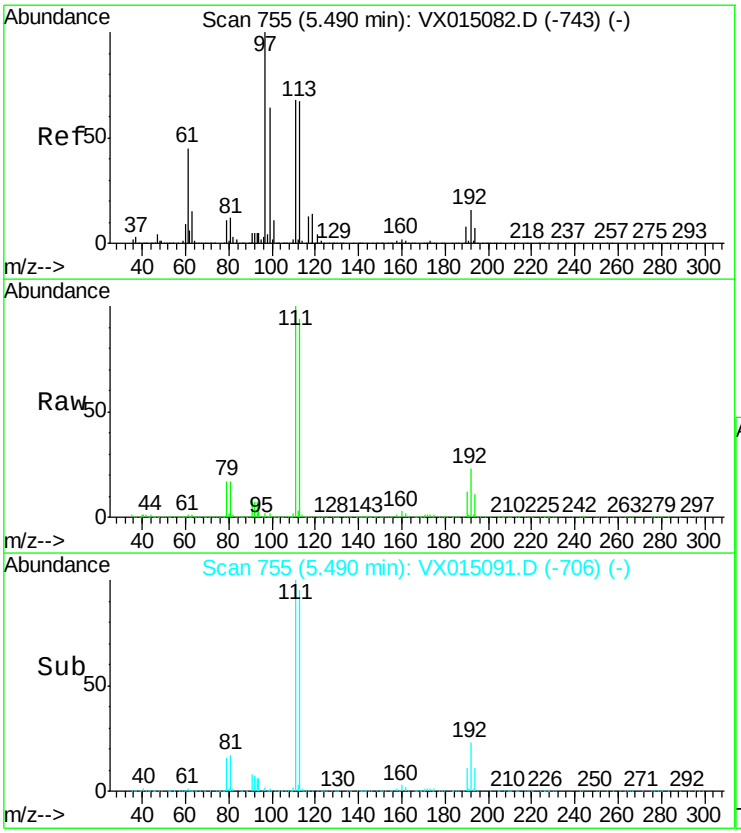
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:114 Resp: 568131

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.0
88	15.8	0.0	30.6

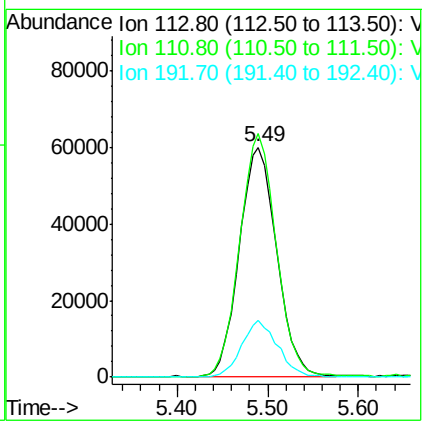


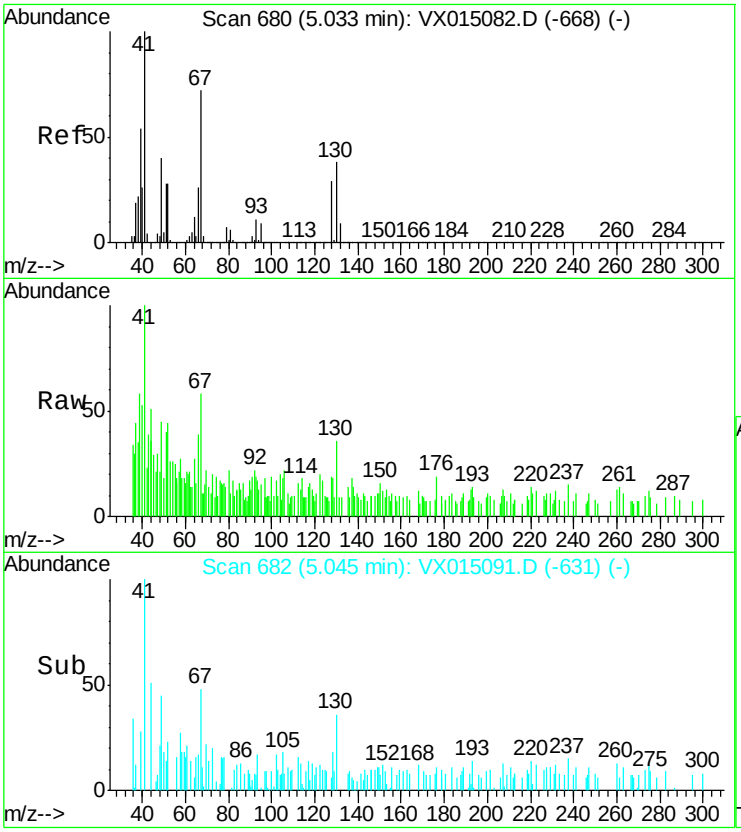


#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion:113 Resp: 171415

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	23.9	18.6	28.0



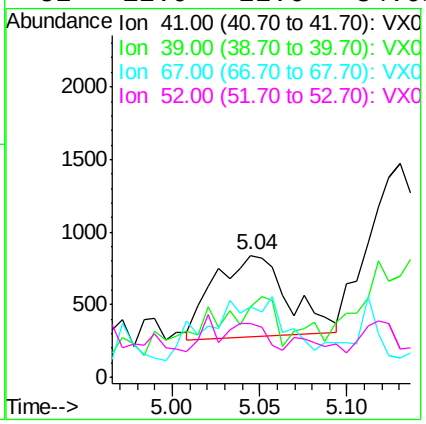


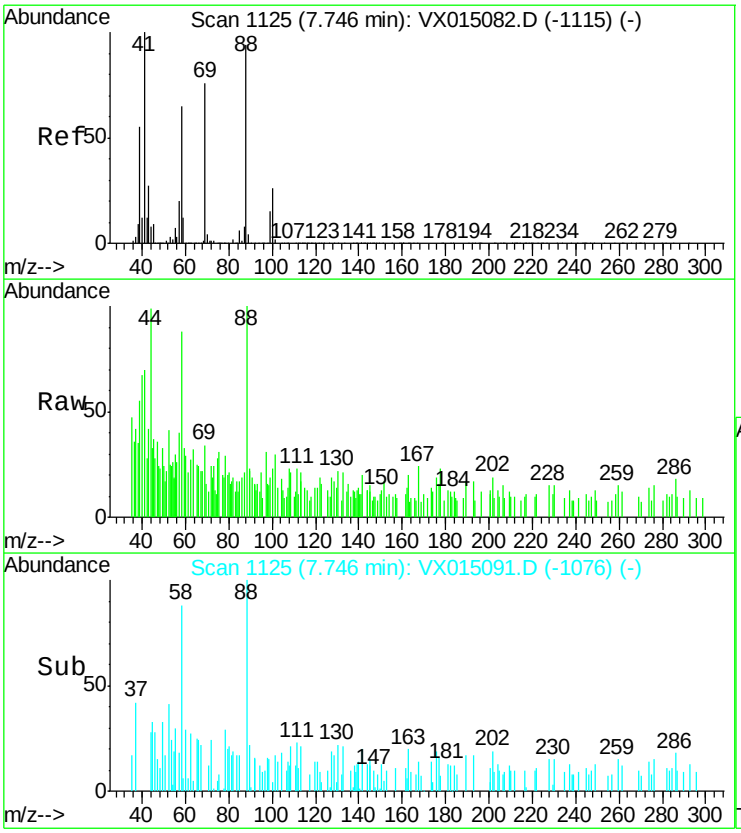
#41
Methacrylonitrile
Concen: 0.565 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 41 Resp: 1653

Ion	Ratio	Lower	Upper
41	100		
39	21.4	43.9	65.9#
67	77.3	57.8	86.8
52	12.9	22.6	34.0#

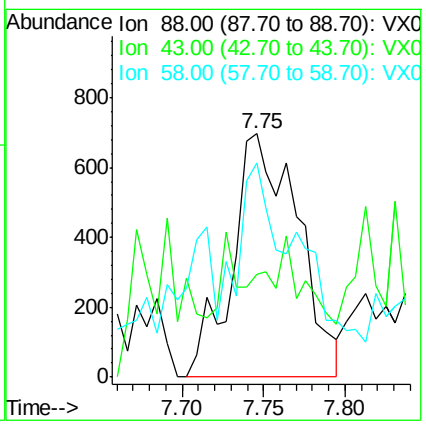


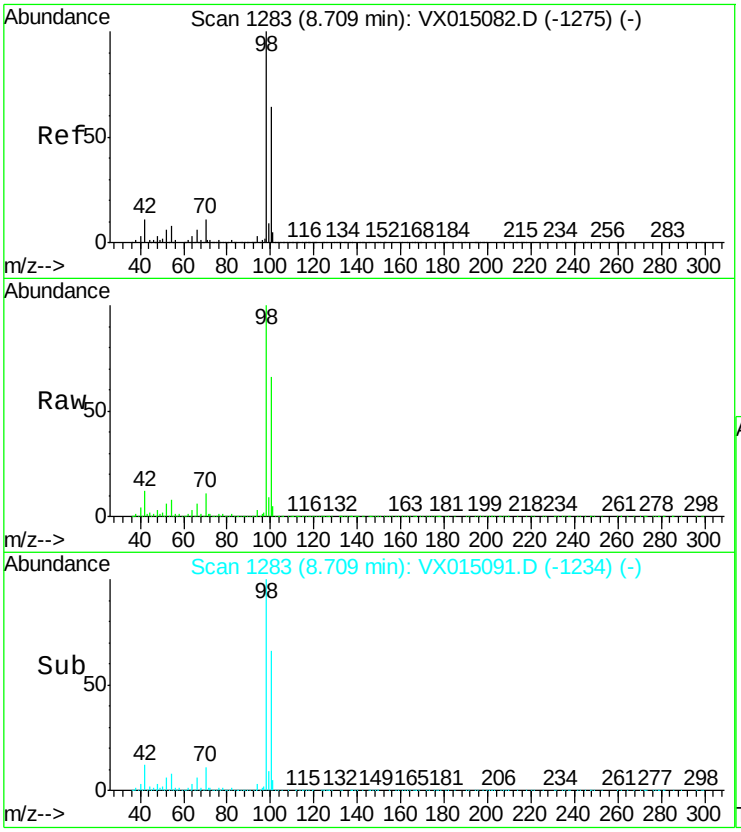


#49
1,4-Dioxane
Concen: 20.654 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 88 Resp: 1948

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.4#
58	33.8	55.6	83.4#



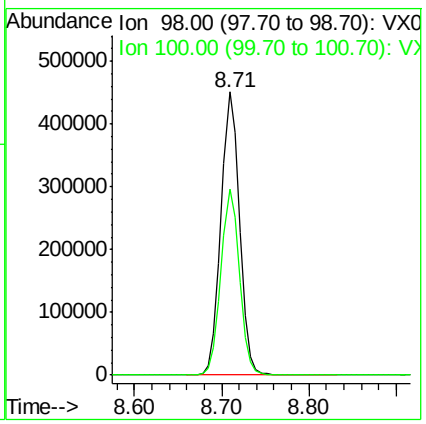


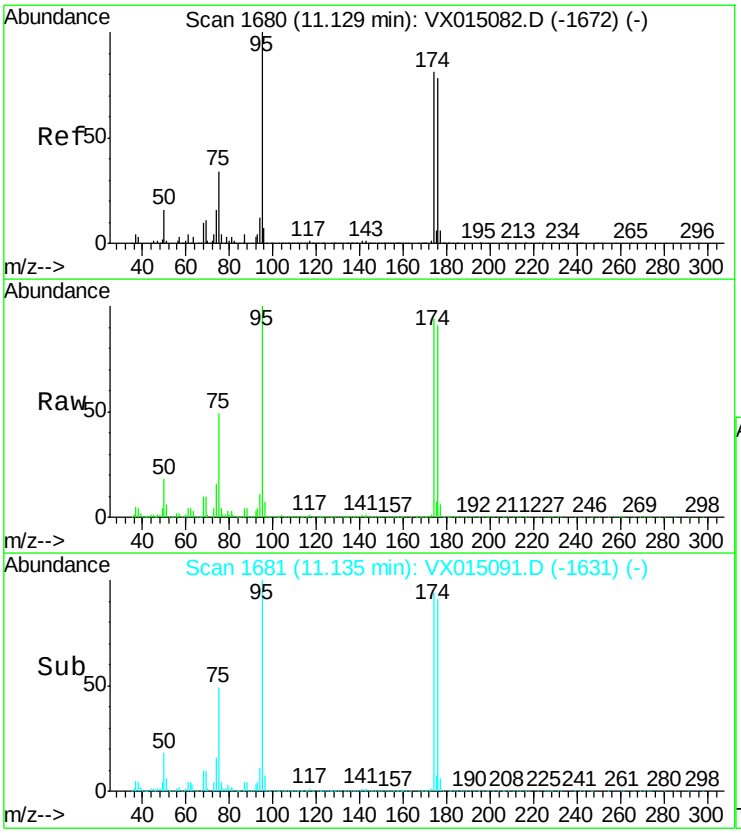
#50
Toluene-d8
Concen: 48.637 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 98 Resp: 663099

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6

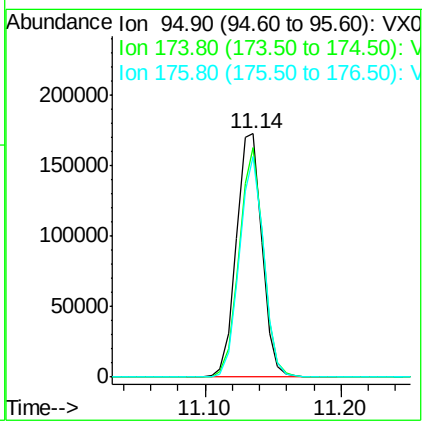


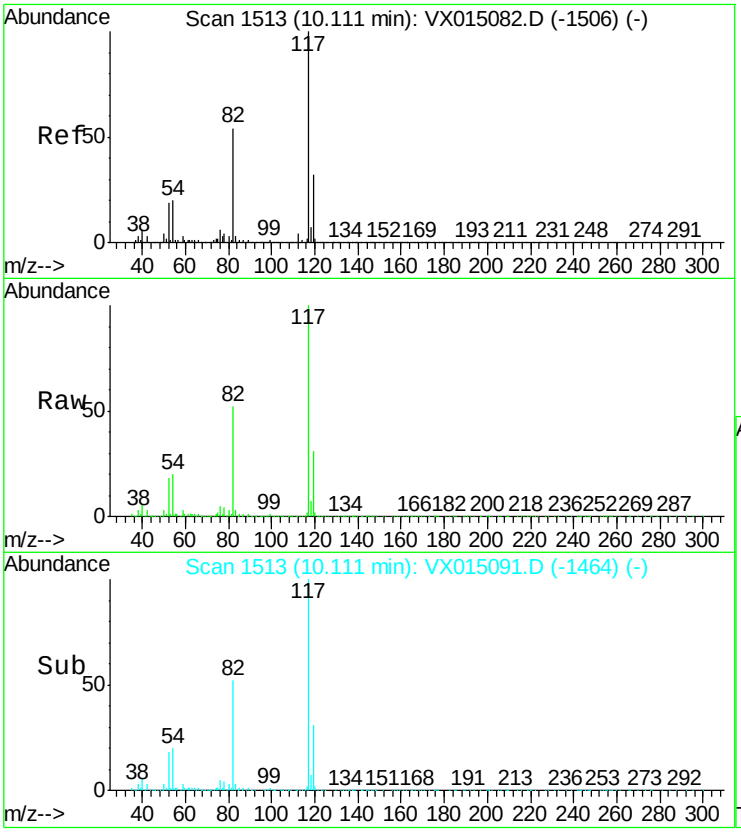


#62
4-Bromofluorobenzene
Concen: 46.364 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 95 Resp: 225469

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	177.6
176	86.6	0.0	170.2



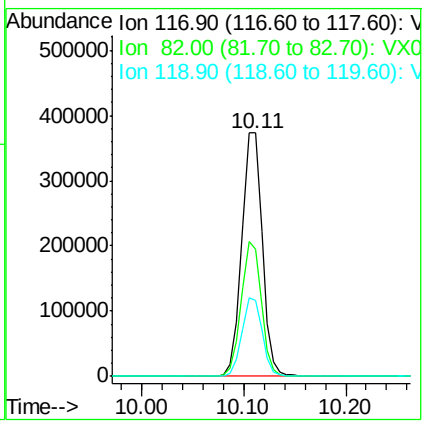


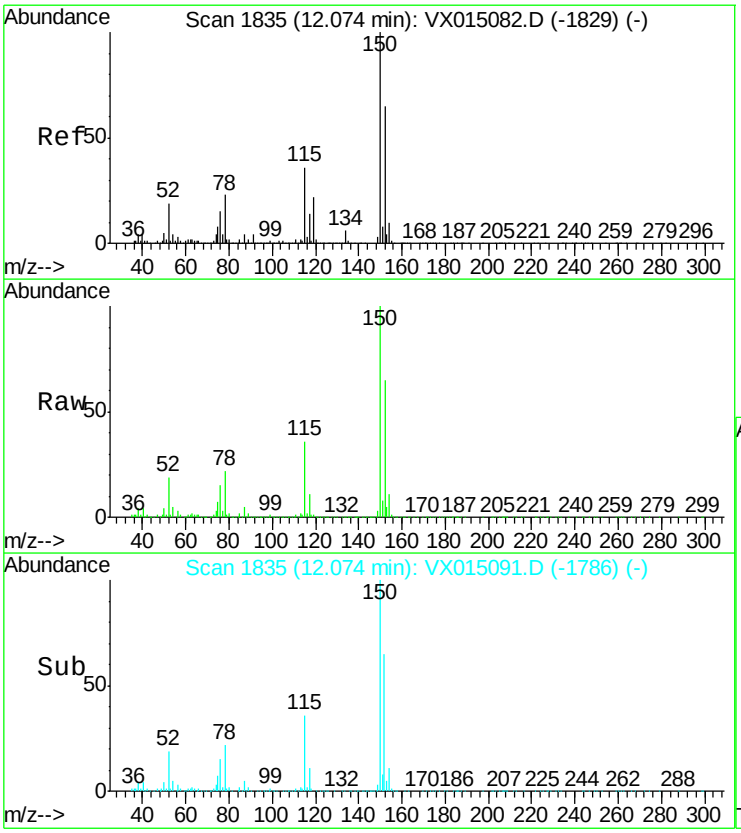
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:117 Resp: 520447

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.3	64.9
119	30.9	25.8	38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion:152 Resp: 252256

Ion	Ratio	Lower	Upper
152	100		
115	55.8	38.2	114.6
150	155.9	0.0	343.8