Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111418\
Data File : VN052318.D
Acq On : 14 Nov 2018 17:35
Operator : MD\SY
Sample : J5164-09 2.5ppb
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2018

Quant Time: Nov 15 04:34:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	246807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	435975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	374788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	186573	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.04%			
35) Dibromofluoromethane	7.59	113	142953	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.68%			
50) Toluene-d8	10.09	98	541094	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.84%			
62) 4-Bromofluorobenzene	12.40	95	164795	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.56%			
Target Compounds						Qvalue
10) Methyl Iodide	3.96	142	8385	2.275	ug/l #	91
11) Tert butyl alcohol	4.79	59	2048	11.125	ug/l #	72
13) Acrolein	3.61	56	3819	34.327	ug/l	88

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

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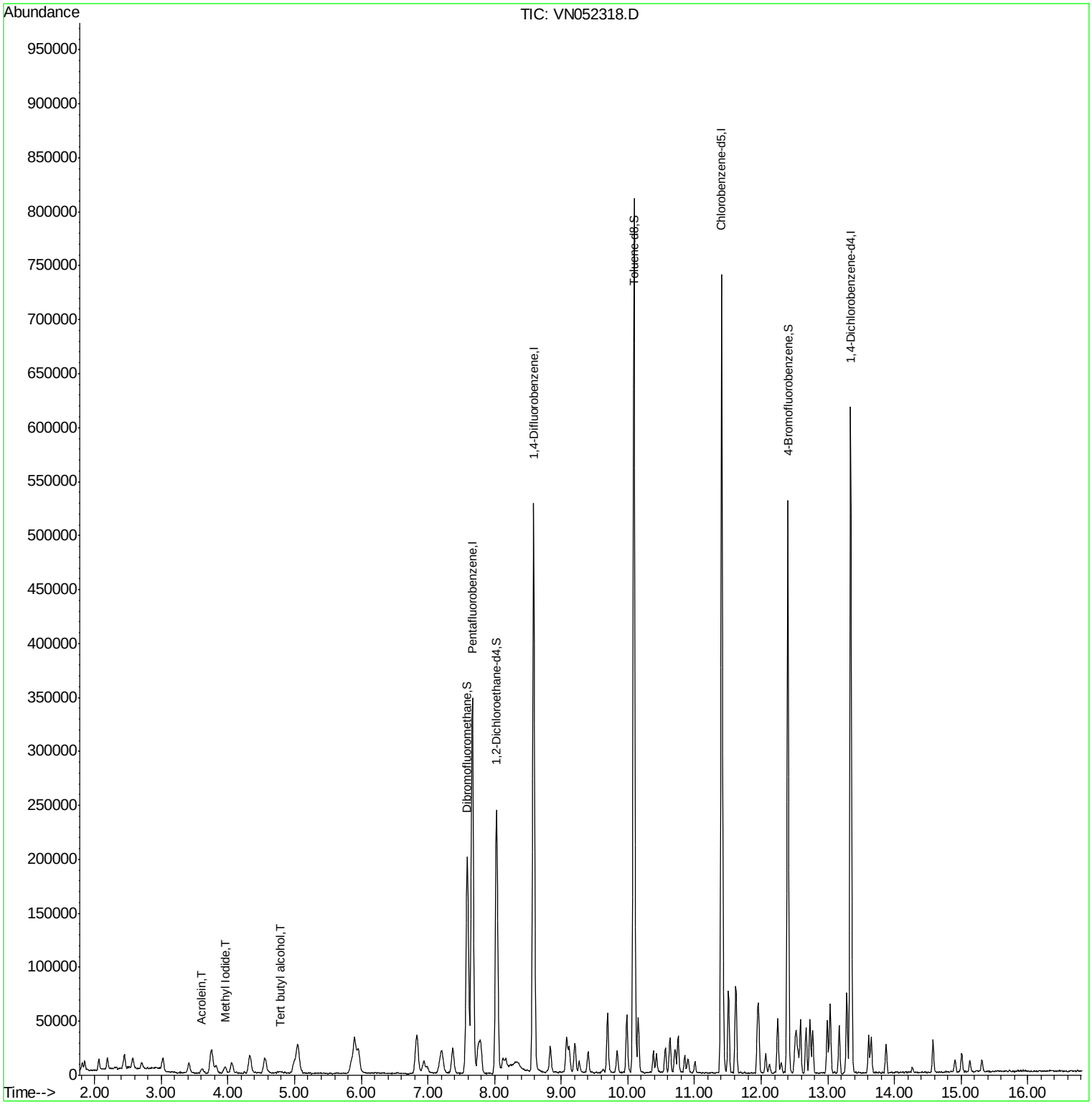
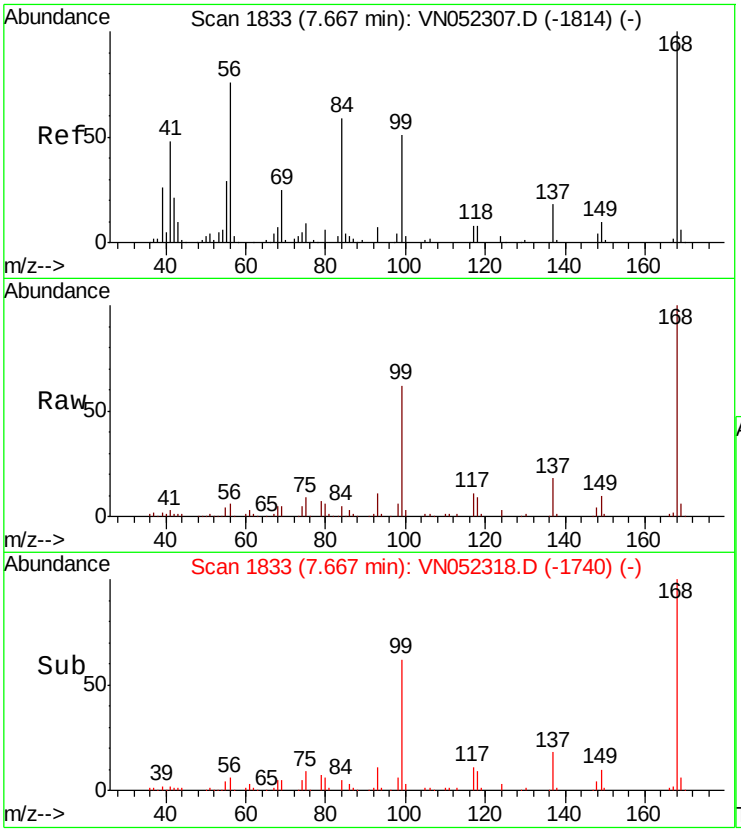


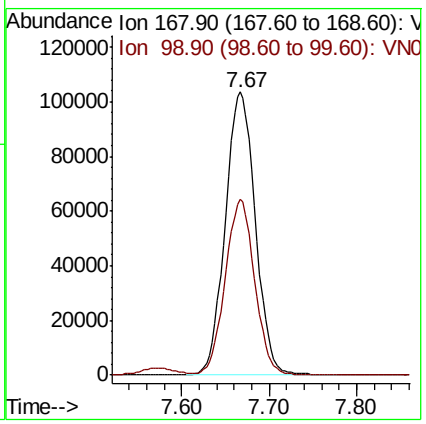


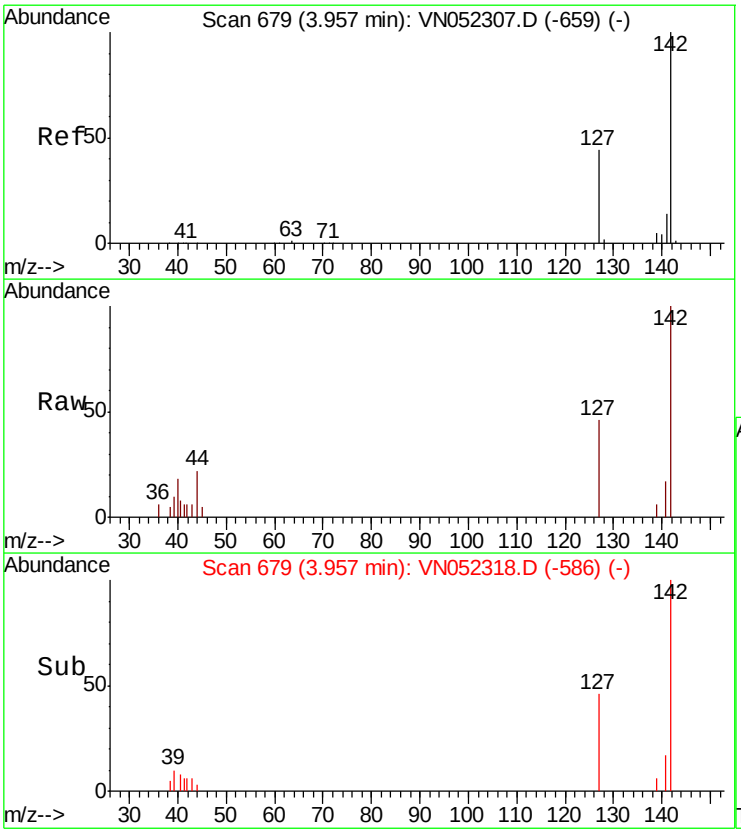
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:168 Resp: 246807

Ion	Ratio	Lower	Upper
168	100		
99	62.3	47.9	71.9

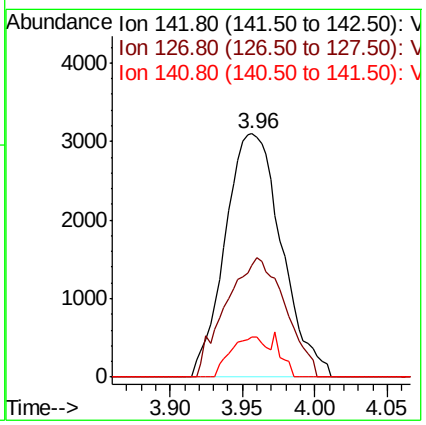


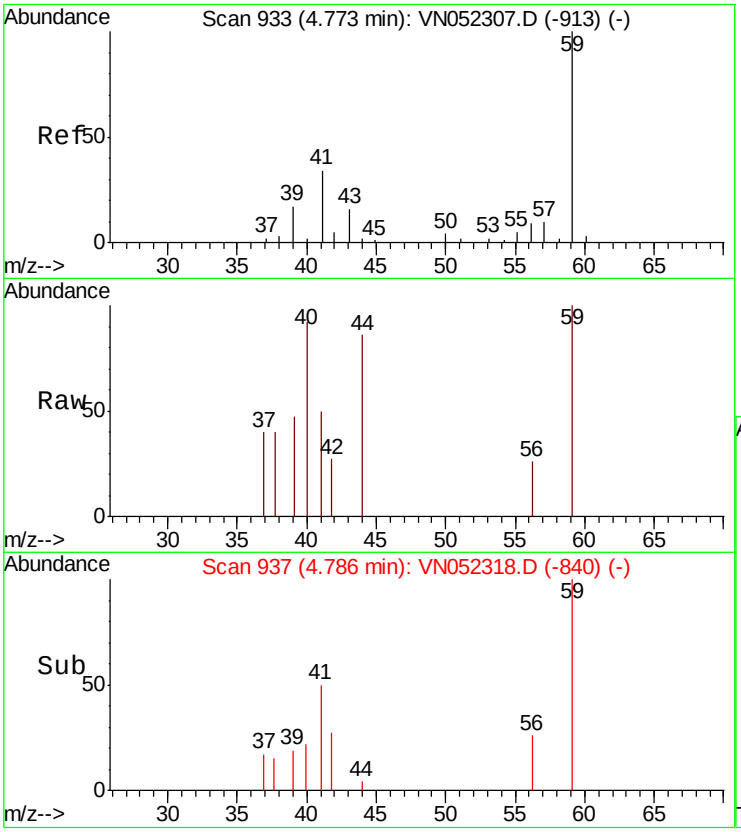


#10
Methyl Iodide
Concen: 2.275 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Tgt Ion:142 Resp: 8385

Ion	Ratio	Lower	Upper
142	100		
127	51.7	36.3	54.5
141	10.7	11.4	17.2#



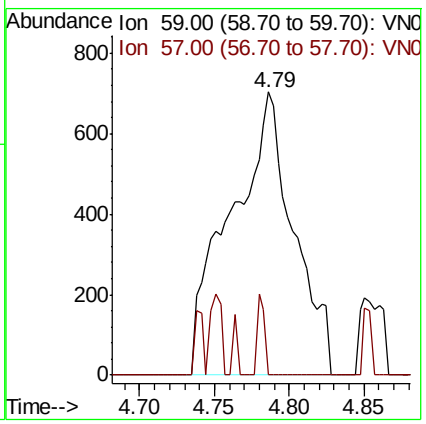


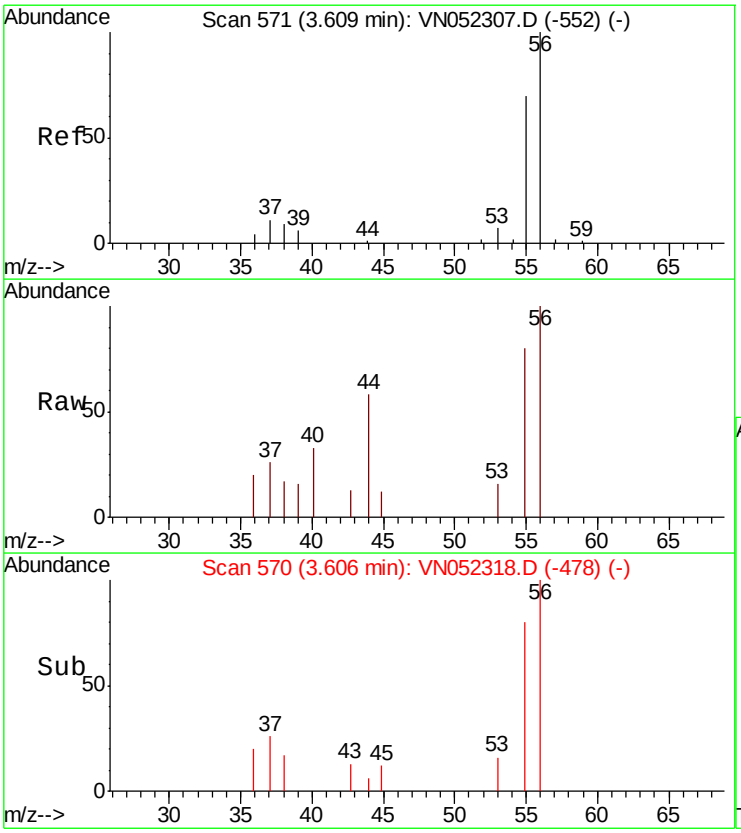
#11
Tert butyl alcohol
Concen: 11.125 ug/l
RT: 4.79 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 59 Resp: 2048

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

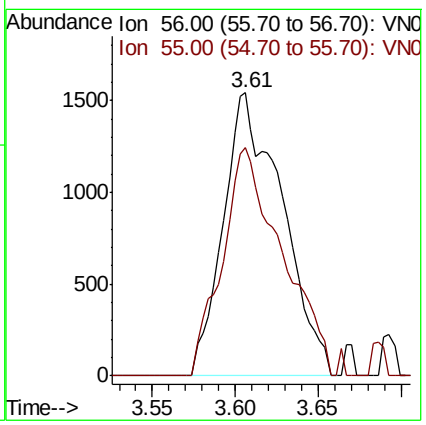


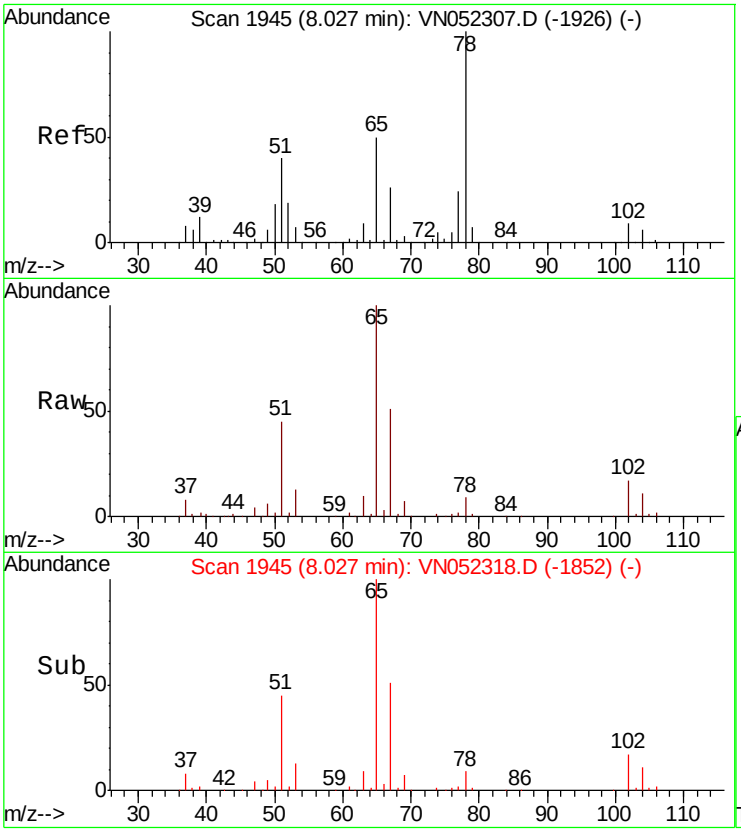


#13
Acrolein
Concen: 34.327 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Tgt Ion: 56 Resp: 3819

Ion	Ratio	Lower	Upper
56	100		
55	82.0	57.6	86.4



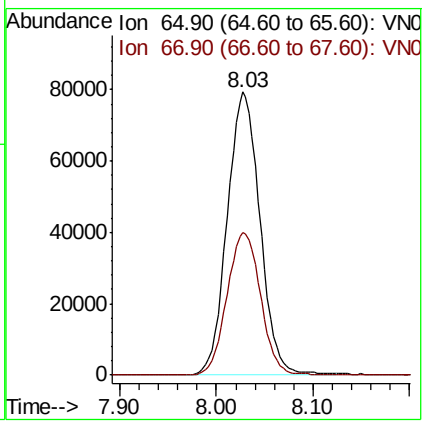


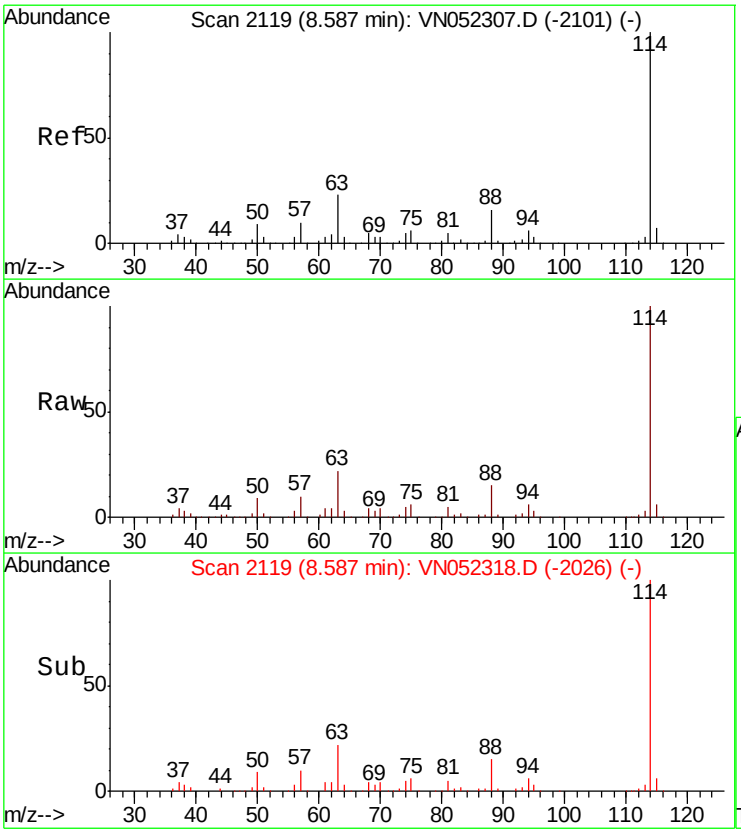
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 65 Resp: 186573

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.2

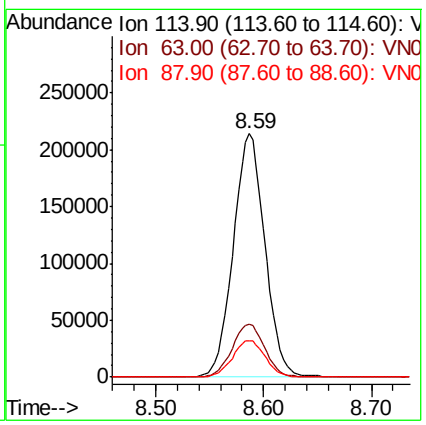


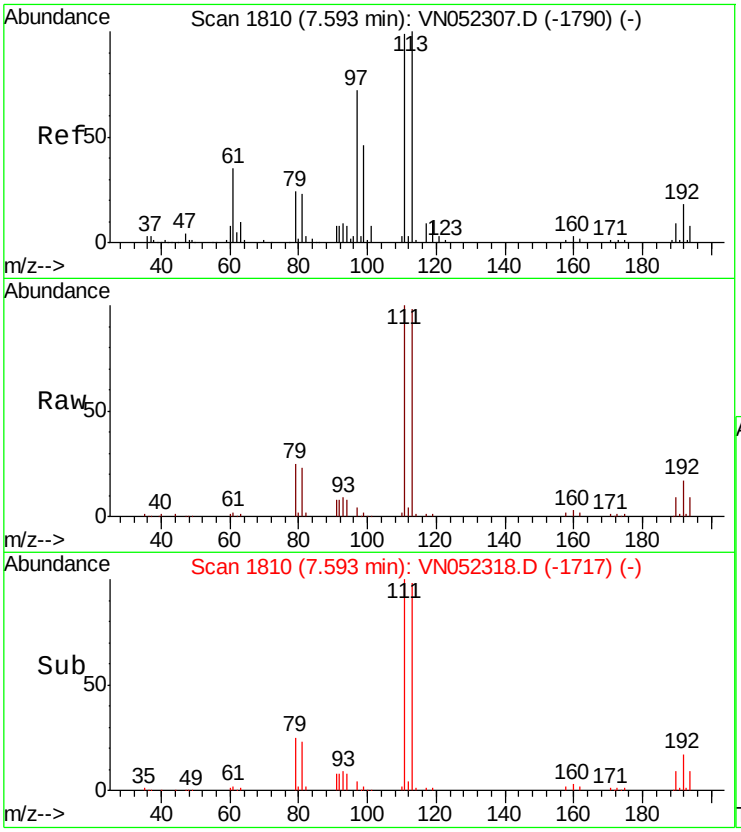


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Tgt Ion:114 Resp: 435975

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.4
88	15.0	0.0	31.2



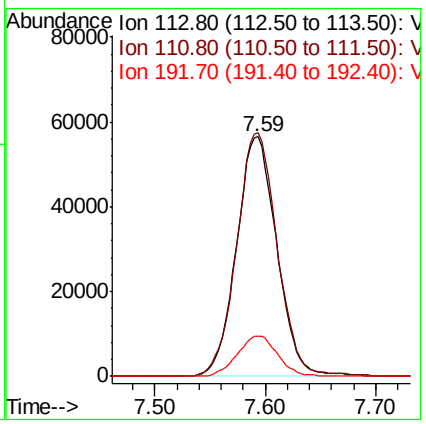


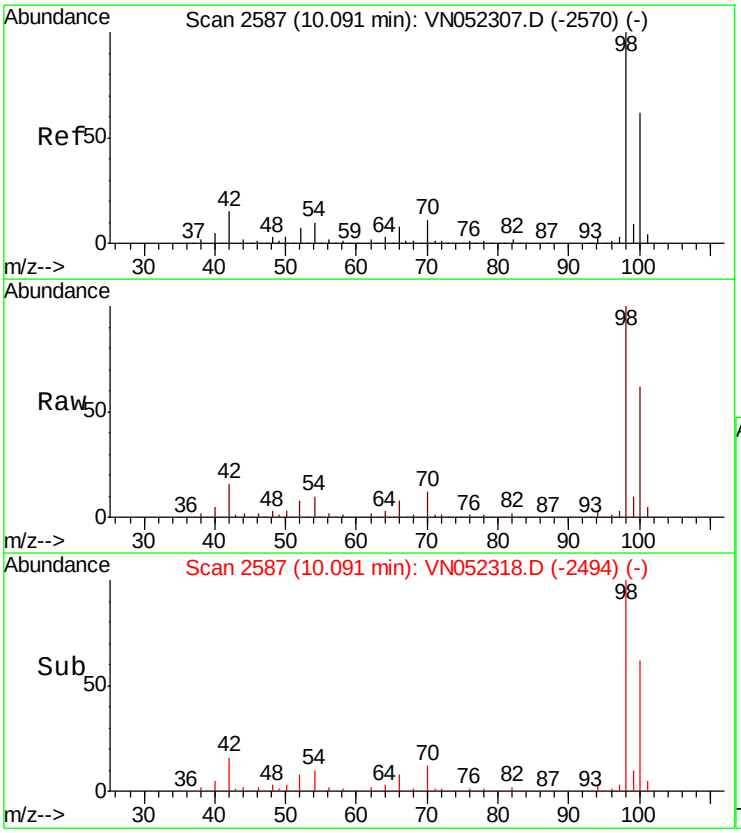
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:113 Resp: 142953

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	16.9	13.8	20.6

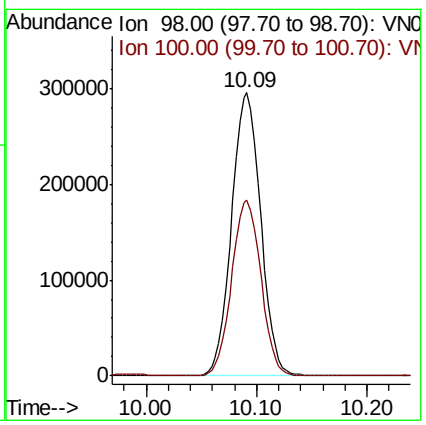


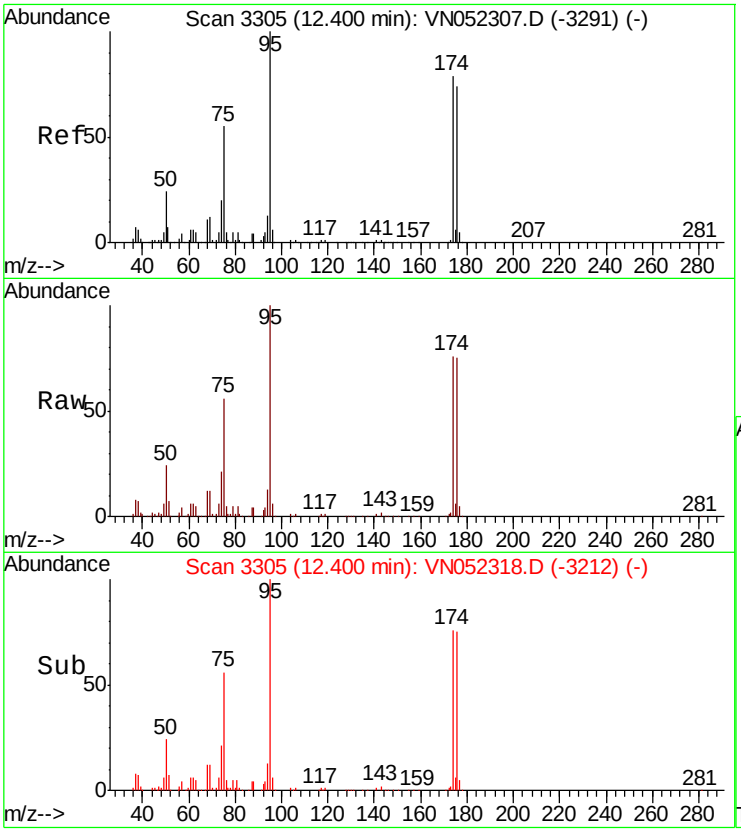


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Tgt Ion: 98 Resp: 541094

Ion	Ratio	Lower	Upper
98	100		
100	62.3	49.5	74.3



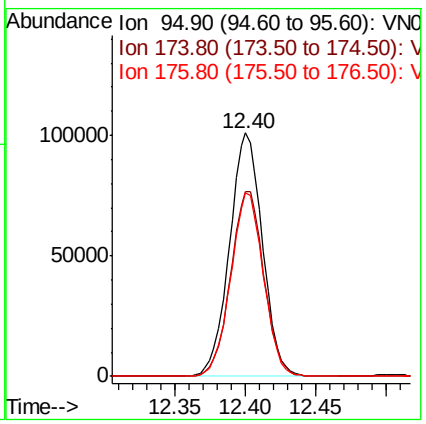


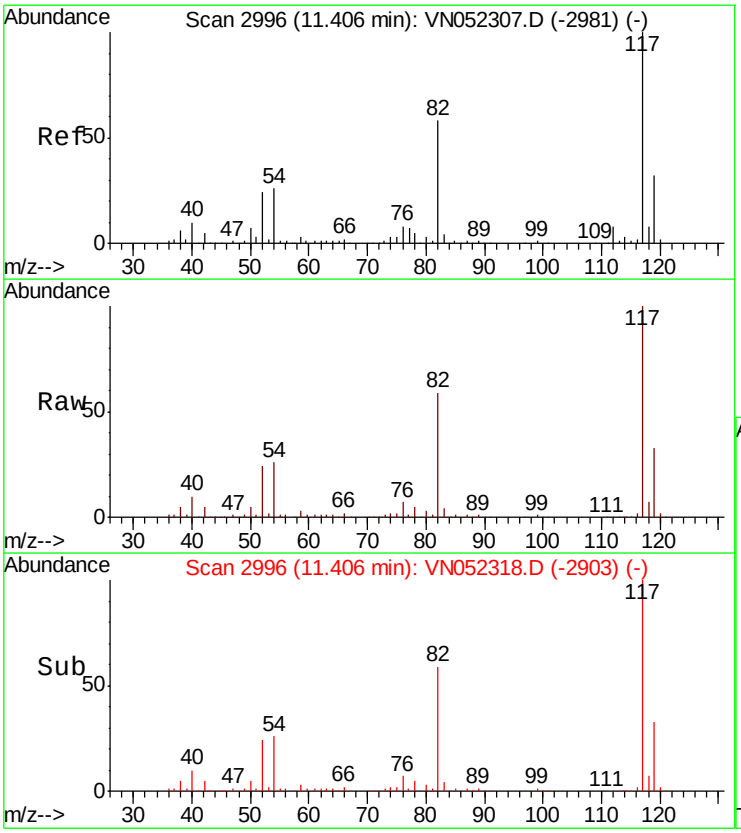
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 95 Resp: 164795

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	156.0
176	75.0	0.0	148.4

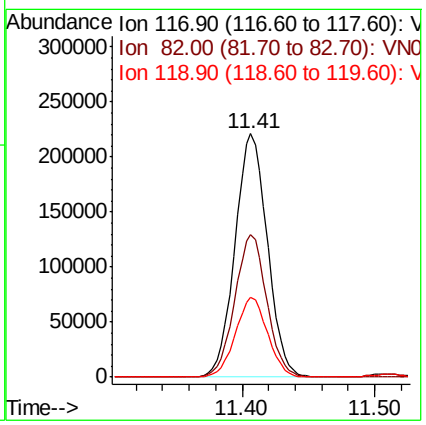


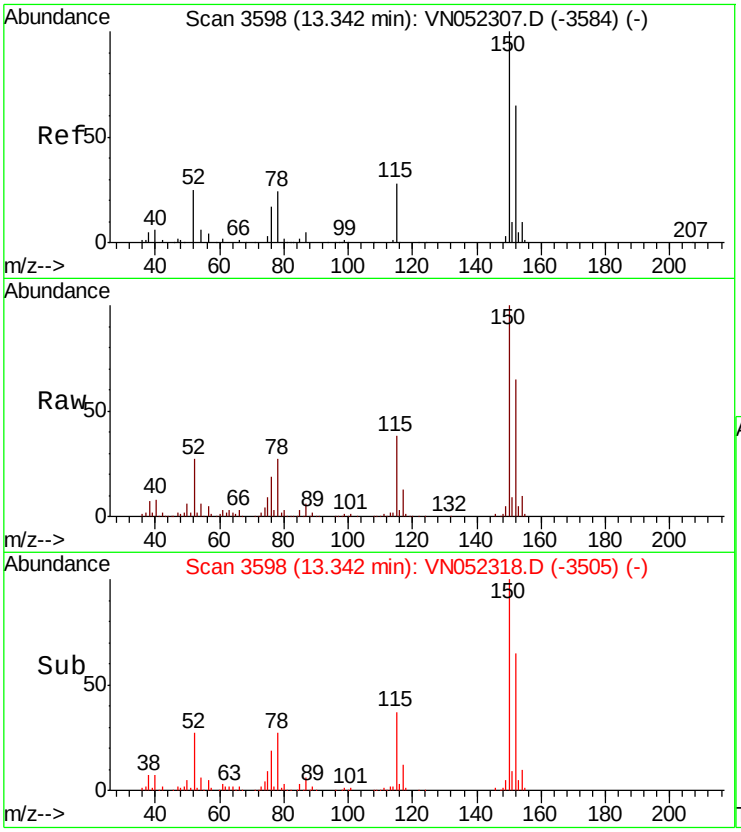


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Tgt Ion:117 Resp: 374788

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.5	69.7
119	32.7	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052318.D
Acq: 14 Nov 2018 17:35

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:152 Resp: 146966

Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.3	91.0
150	156.7	0.0	348.2