Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
Data File : VU027602.D
Acq On : 11 Oct 2018 16:30
Operator : MD/SY
Sample : J5164-07 2.5ppb
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 12 16:34:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 11 10:41:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	112634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	194096	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0m	50.00	ug/l	-11.48
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	92012	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.54%			
35) Dibromofluoromethane	4.89	113	67046	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.42%			
50) Toluene-d8	7.57	98	244406	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.96%			
62) 4-Bromofluorobenzene	10.31	95	82003	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.98%			
Target Compounds						Qvalue
10) Methyl Iodide	2.41	142	1807	4.57	ug/l	96
11) Tert butyl alcohol	2.83	59	5469	12.87	ug/l #	93
13) Acrolein	2.20	56	4203	12.47	ug/l	97

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

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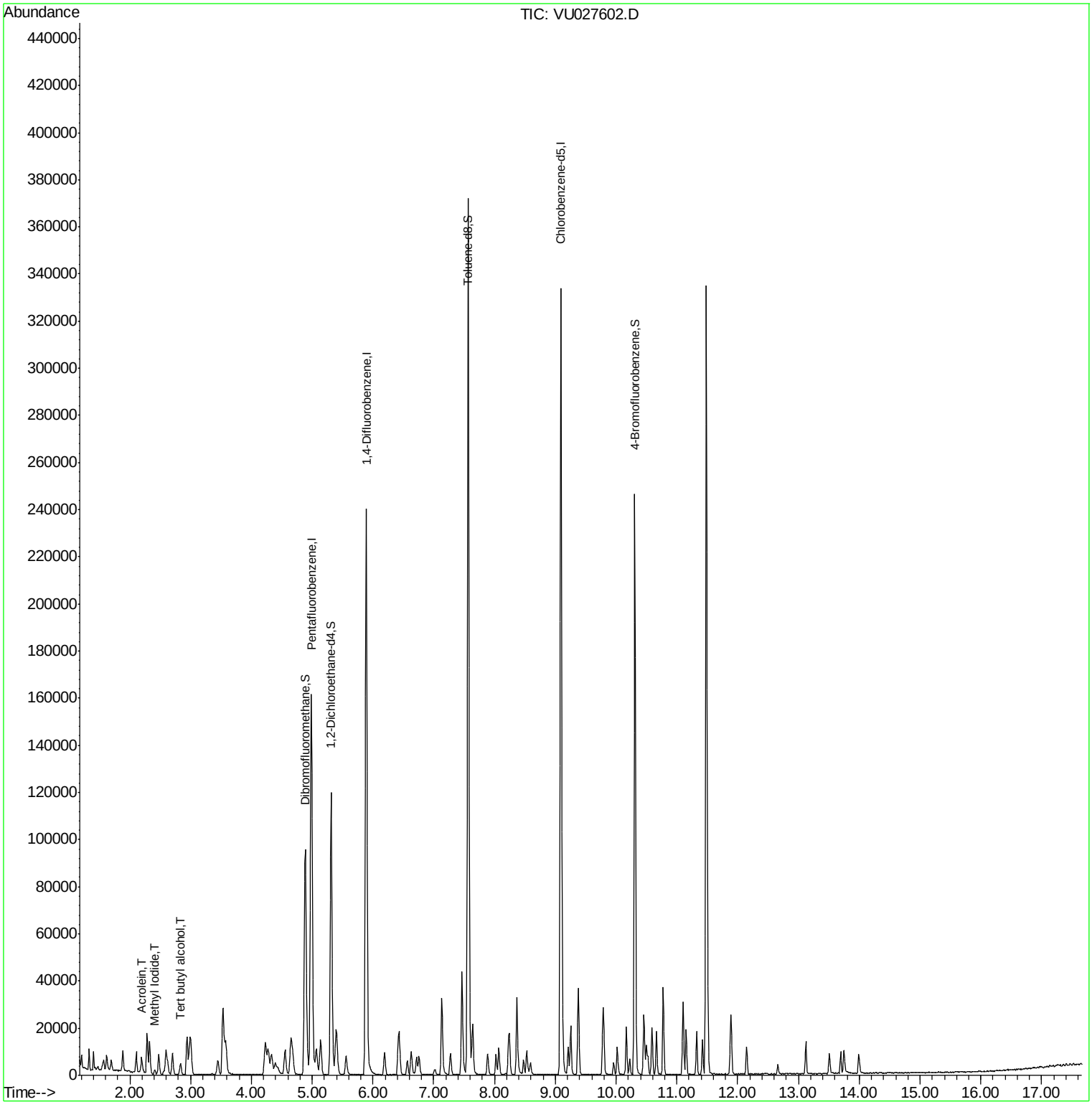
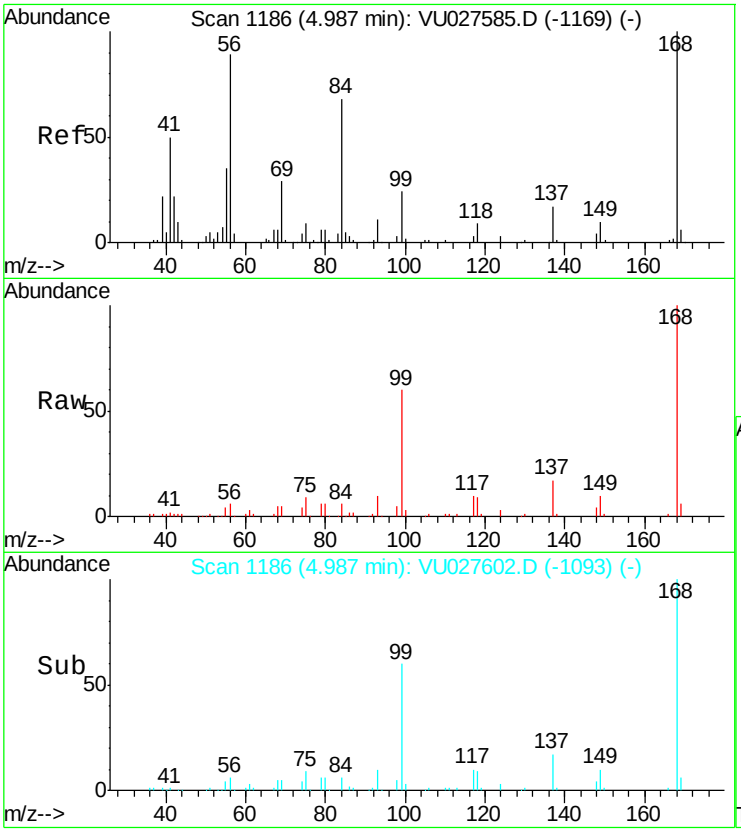


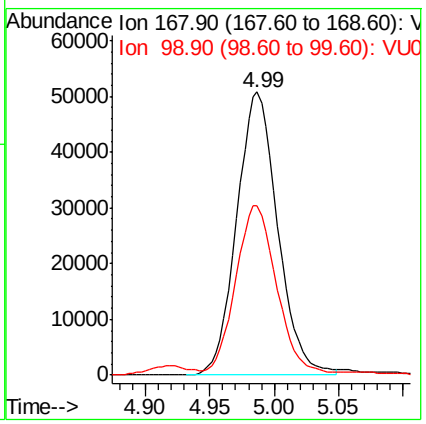


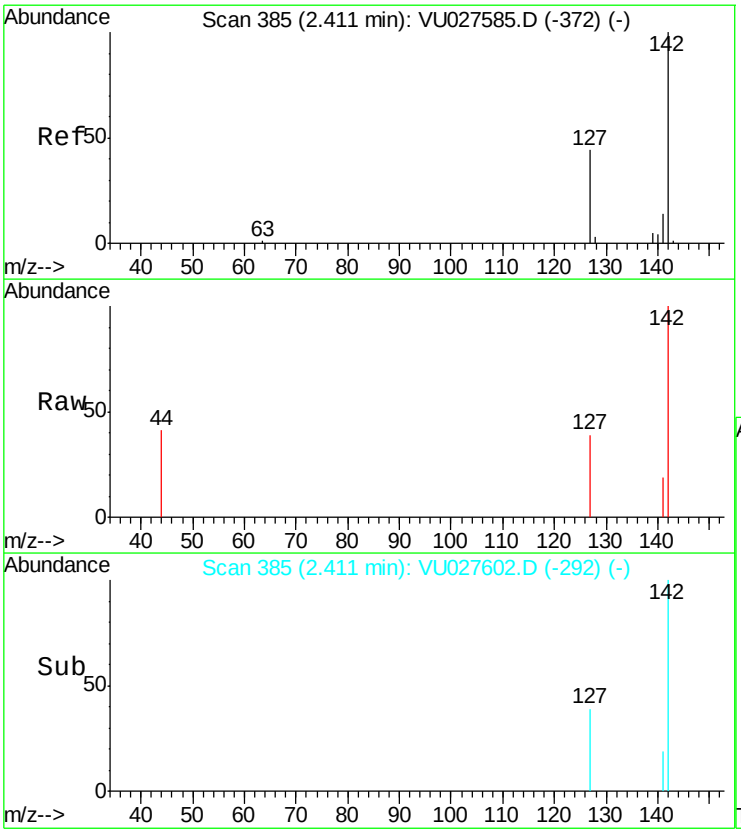
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

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

Tgt Ion:168 Resp: 112634

Ion	Ratio	Lower	Upper
168	100		
99	58.8	50.8	76.2

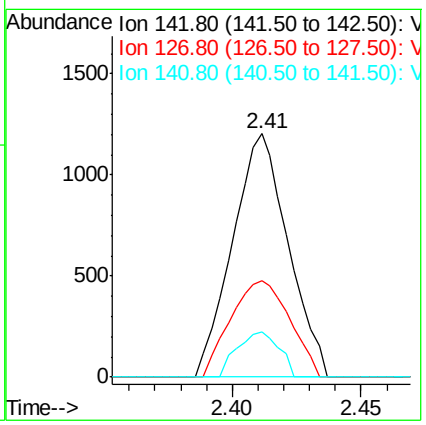


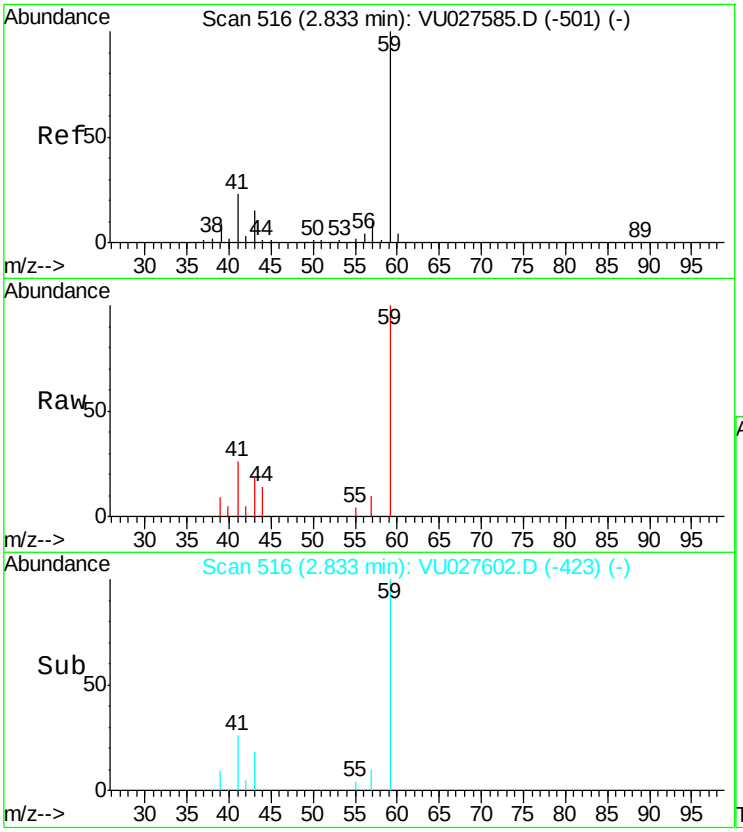


#10
Methyl Iodide
Concen: 4.57 ug/l
RT: 2.41 min Scan# 385
Delta R.T. 0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

Tgt Ion:142 Resp: 1807

Ion	Ratio	Lower	Upper
142	100		
127	42.1	36.3	54.5
141	14.1	11.6	17.4



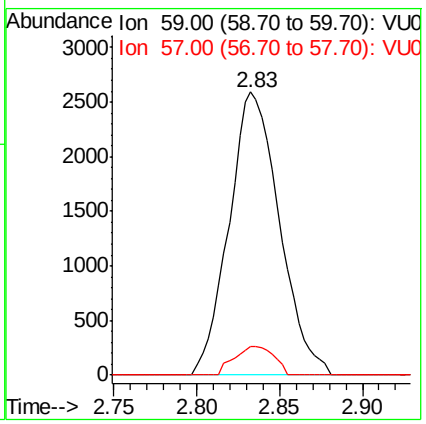


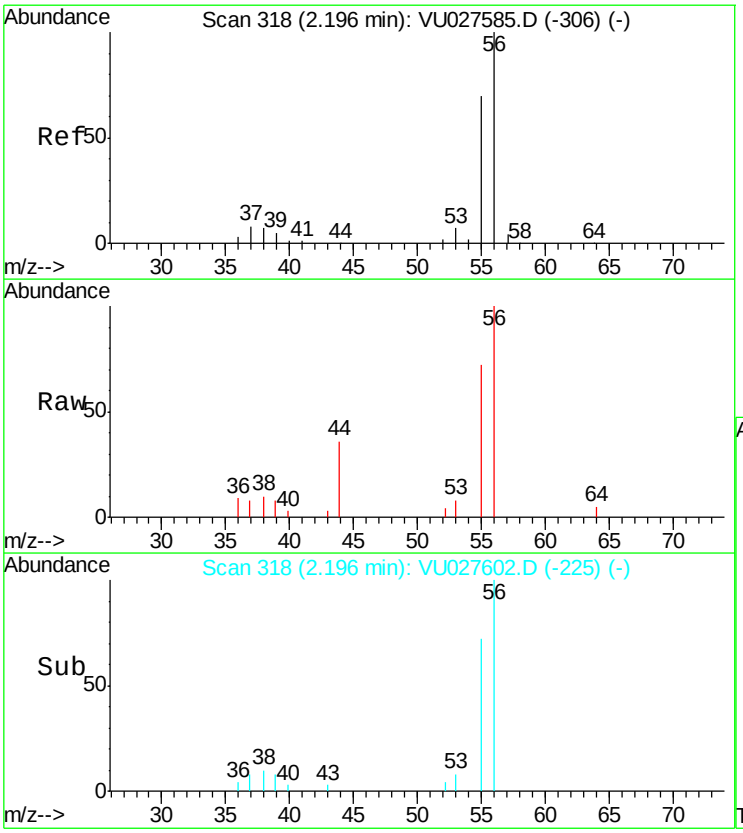
#11
Tert butyl alcohol
Concen: 12.87 ug/l
RT: 2.83 min Scan# 516
Delta R.T. -0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

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

Tgt Ion: 59 Resp: 5469

Ion	Ratio	Lower	Upper
59	100		
57	8.0	8.4	12.6#

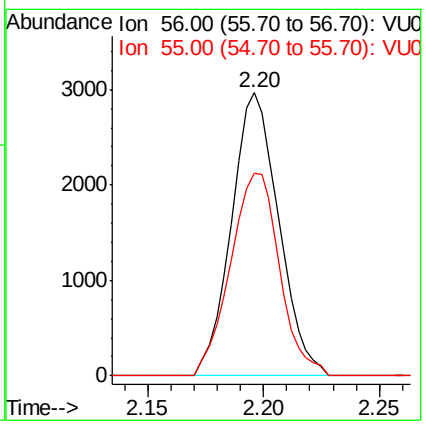


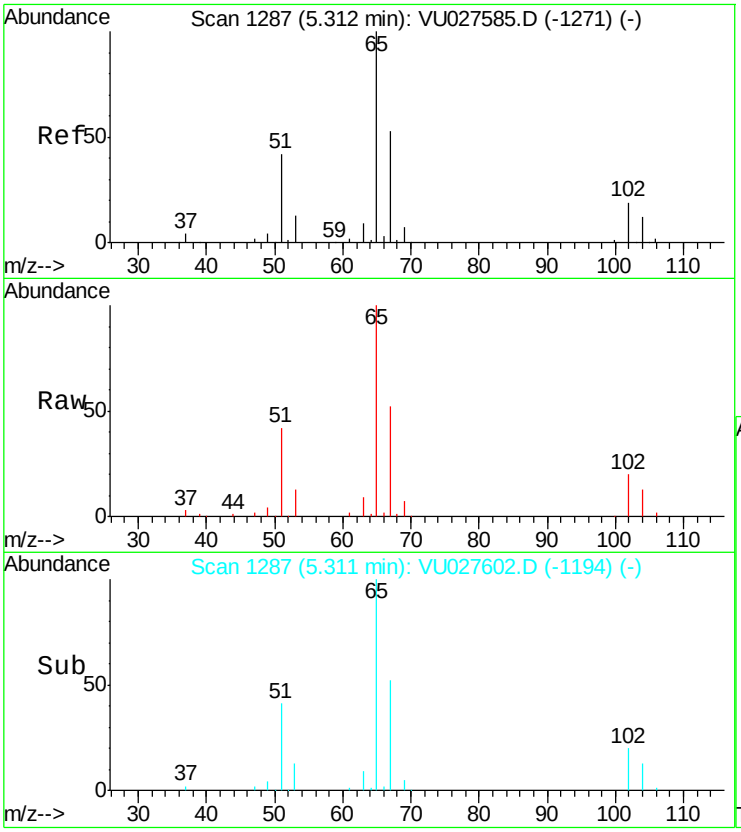


#13
Acrolein
Concen: 12.47 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

Tgt Ion: 56 Resp: 4203

Ion	Ratio	Lower	Upper
56	100		
55	74.5	57.7	86.5



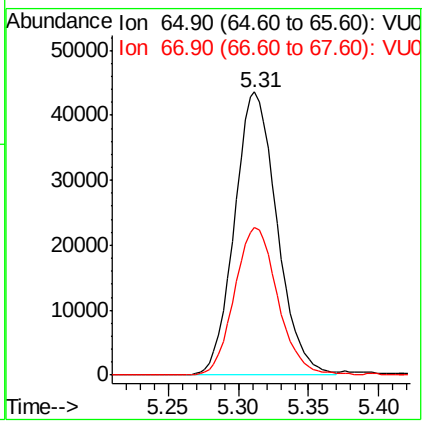


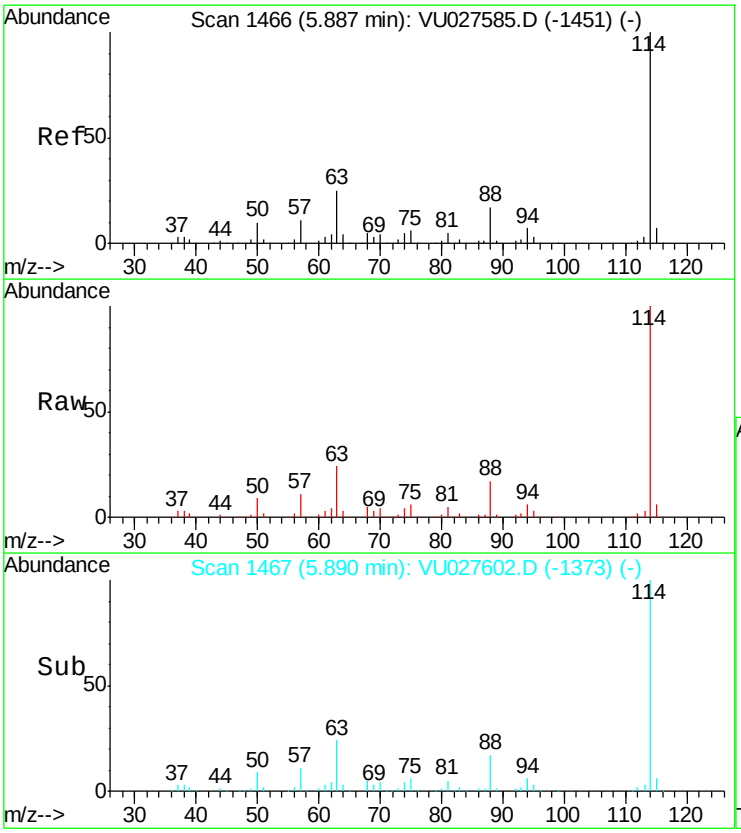
#33
1,2-Dichloroethane-d4
Concen: 52.77 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

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

Tgt Ion: 65 Resp: 92012

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8

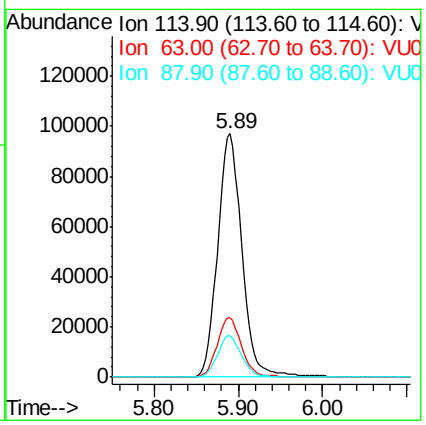


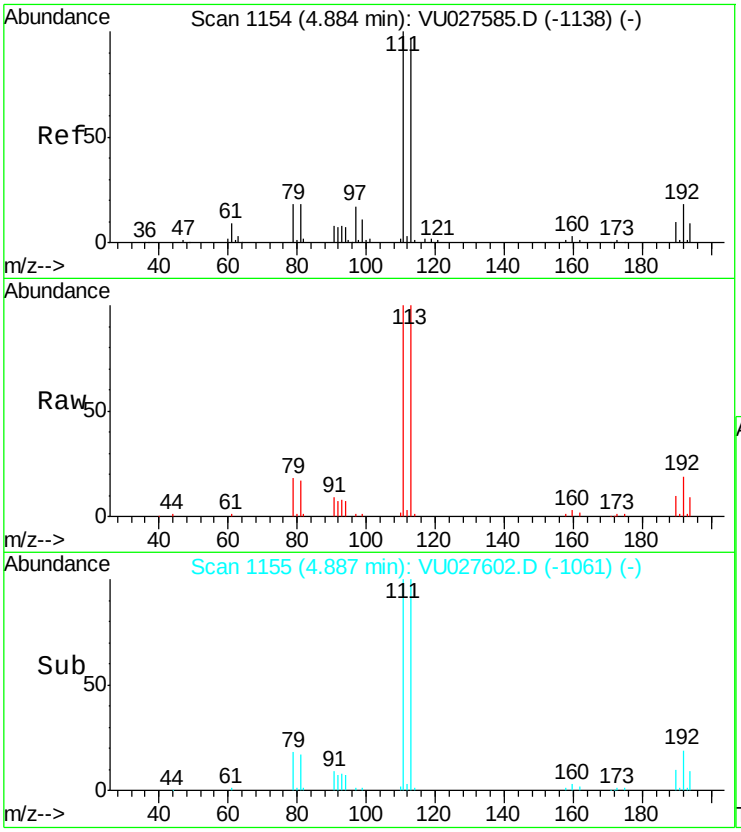


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

Tgt Ion:114 Resp: 194096

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.2
88	17.1	0.0	33.8



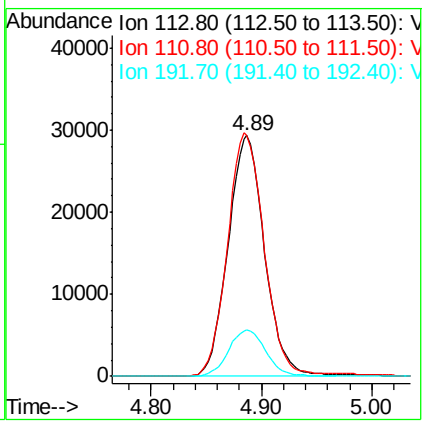


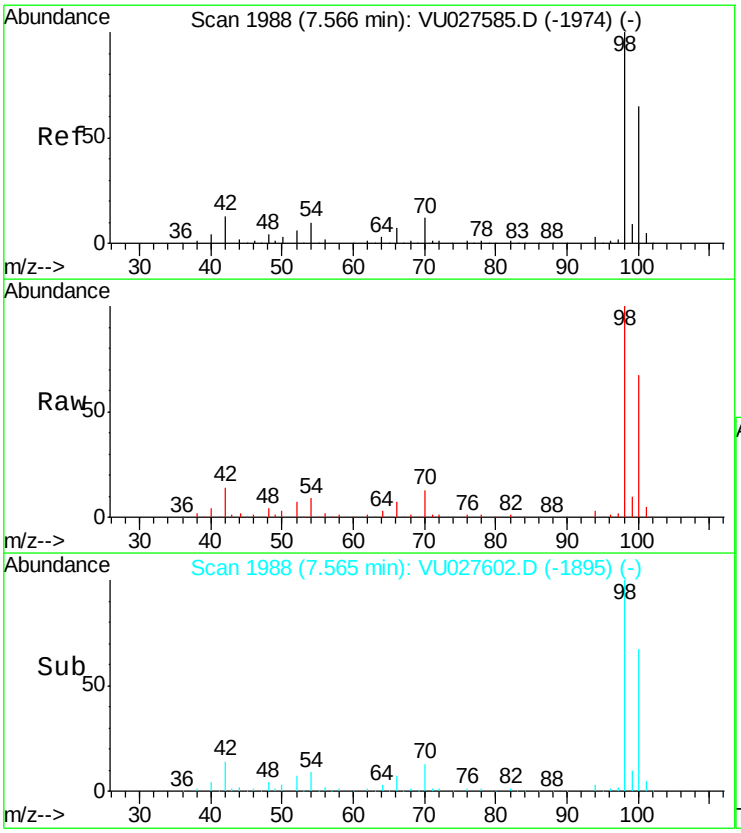
#35
Dibromofluoromethane
Concen: 52.21 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

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

Tgt Ion:113 Resp: 67046

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.1	124.7
192	19.6	15.4	23.0

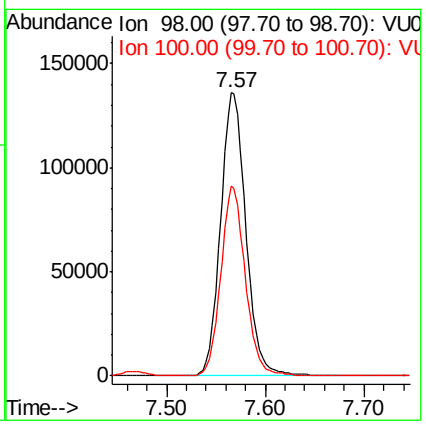


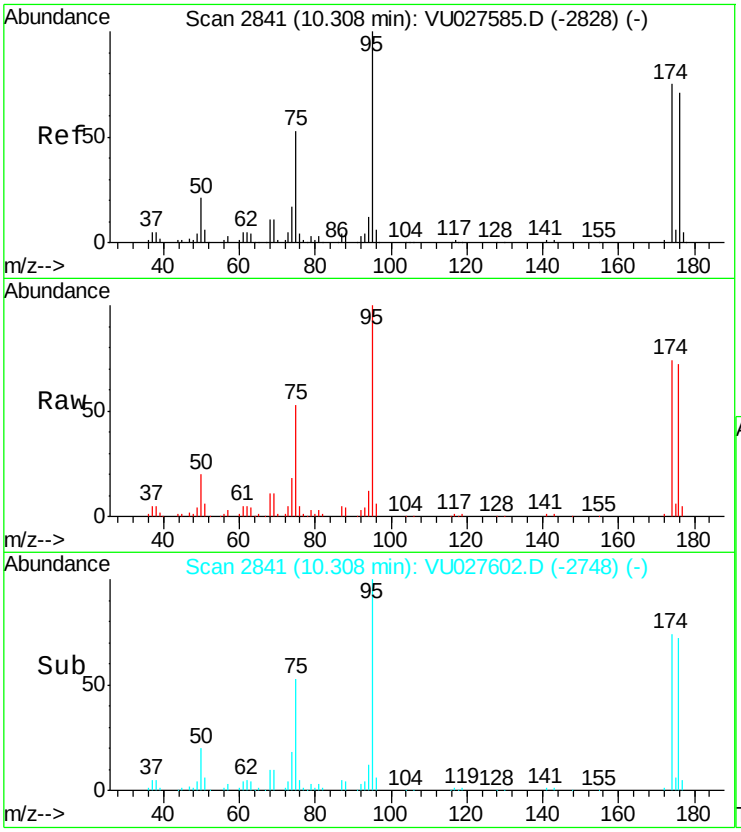


#50
Toluene-d8
Concen: 49.98 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

Tgt Ion: 98 Resp: 244406

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1



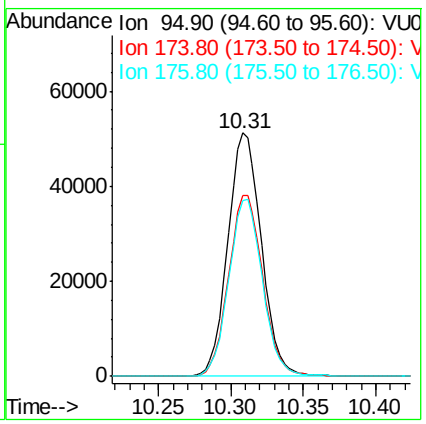


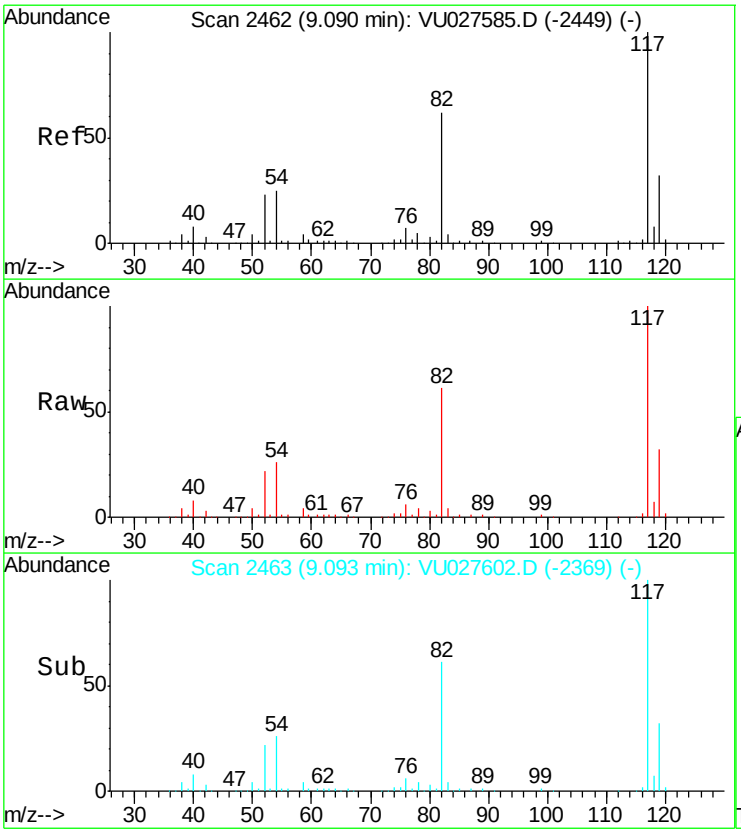
#62
4-Bromofluorobenzene
Concen: 46.49 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

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

Tgt Ion: 95 Resp: 82003

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	147.8
176	73.1	0.0	140.8

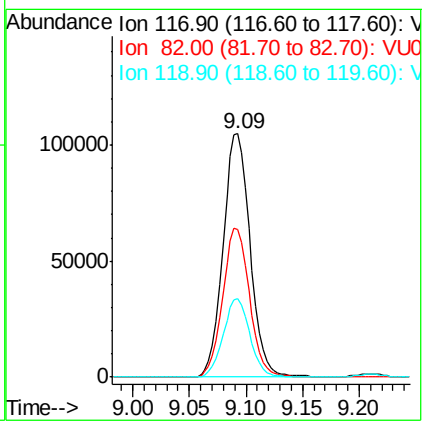


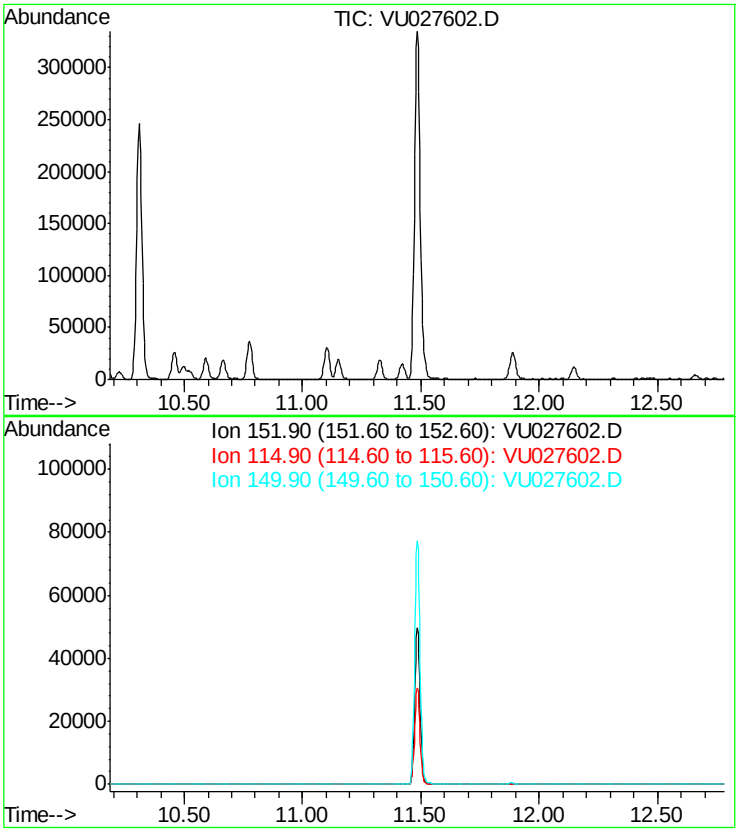


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

Tgt Ion:117 Resp: 174581

Ion	Ratio	Lower	Upper
117	100		
82	60.8	49.2	73.8
119	32.1	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 11.48 min

Lab File: VU027602.D
Acq: 11 Oct 2018 16:30

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	86.8
150	174.6

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