Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072718\
Data File : VN050126.D
Acq On : 27 Jul 2018 12:23
Operator : MD\SY
Sample : J4197-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SPDES-1

Quant Time: Jul 27 12:58:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	183553	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1014207	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	823869	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	377690	30.27	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.90%			
60) 4-Bromofluorobenzene	12.40	95	310202	24.51	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 81.70%			
63) Toluene-d8	10.09	98	1158278	29.43	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.10%			

Target Compounds	Qvalue

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

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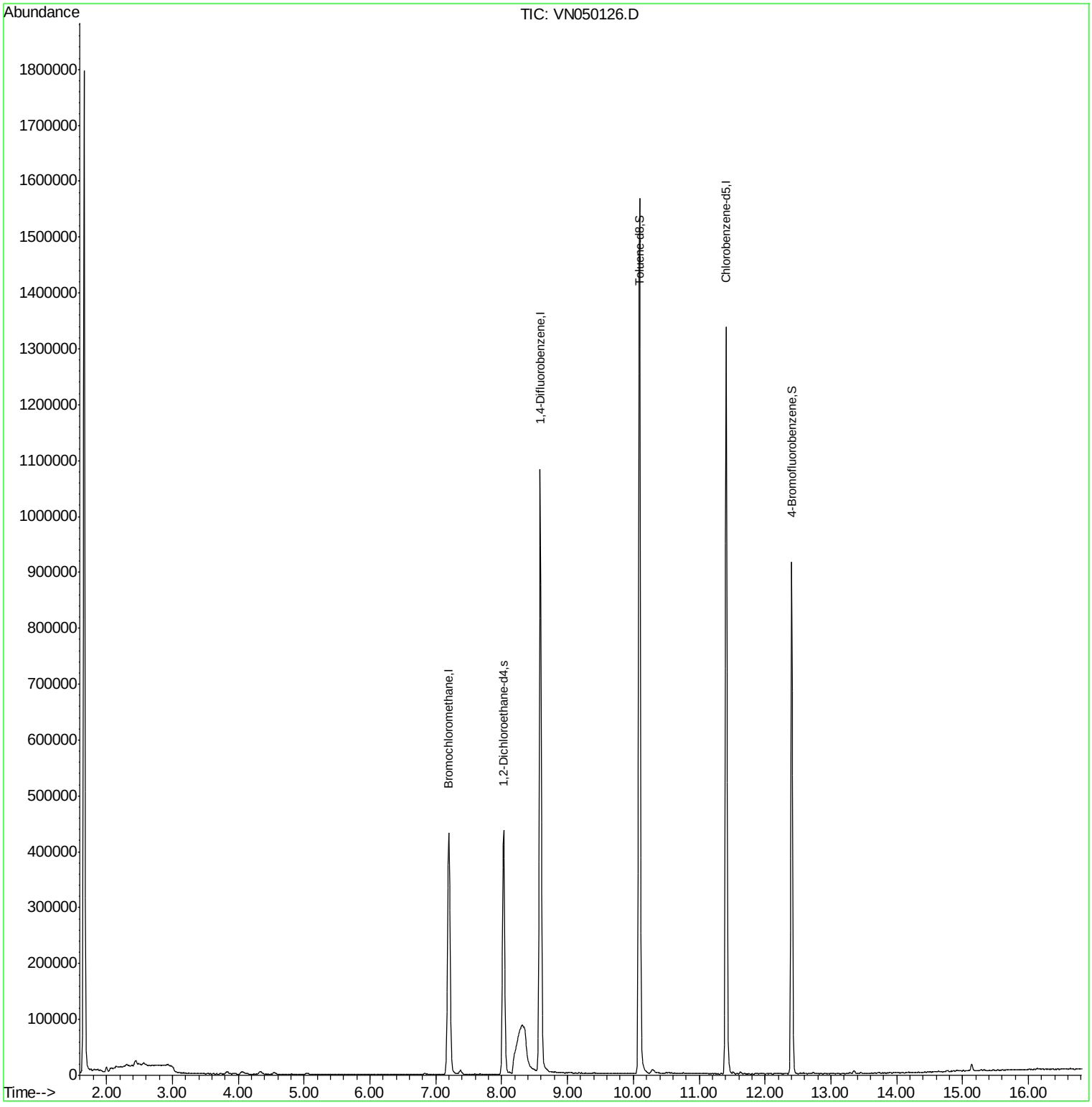
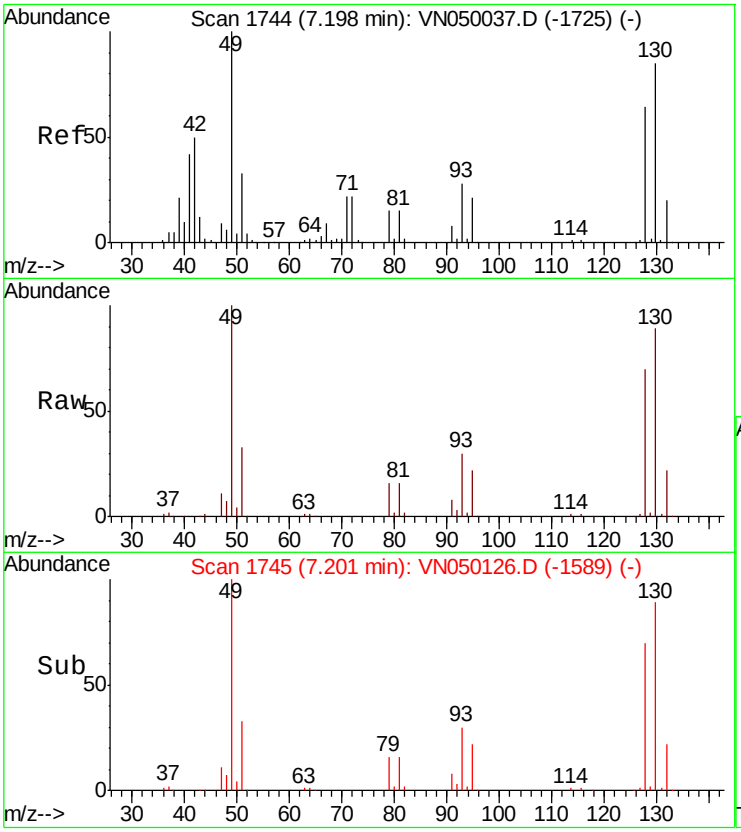


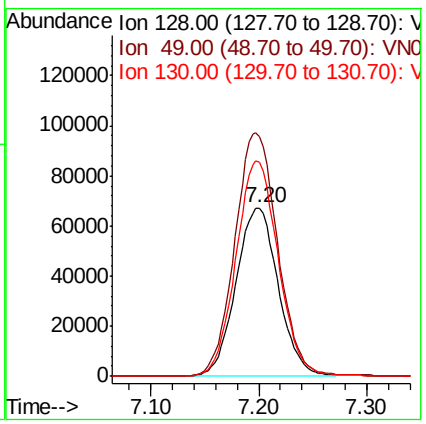


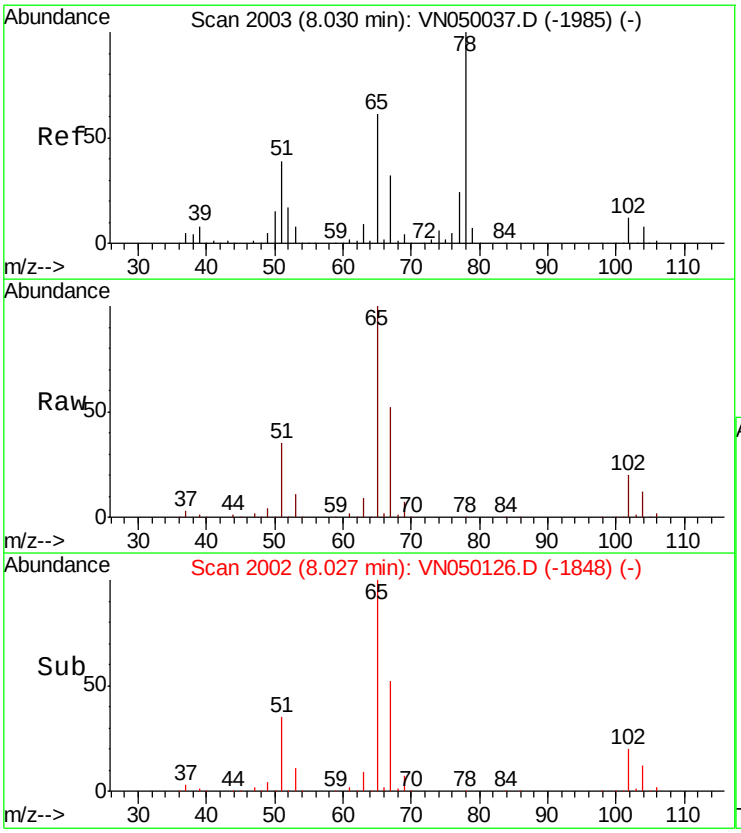
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VN050126.D
Acq: 27 Jul 2018 12:23

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion:128 Resp: 183553

Ion	Ratio	Lower	Upper
128	100		
49	146.7	0.0	378.3
130	128.0	0.0	320.7

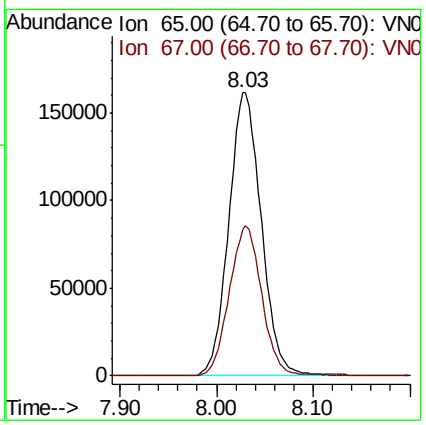


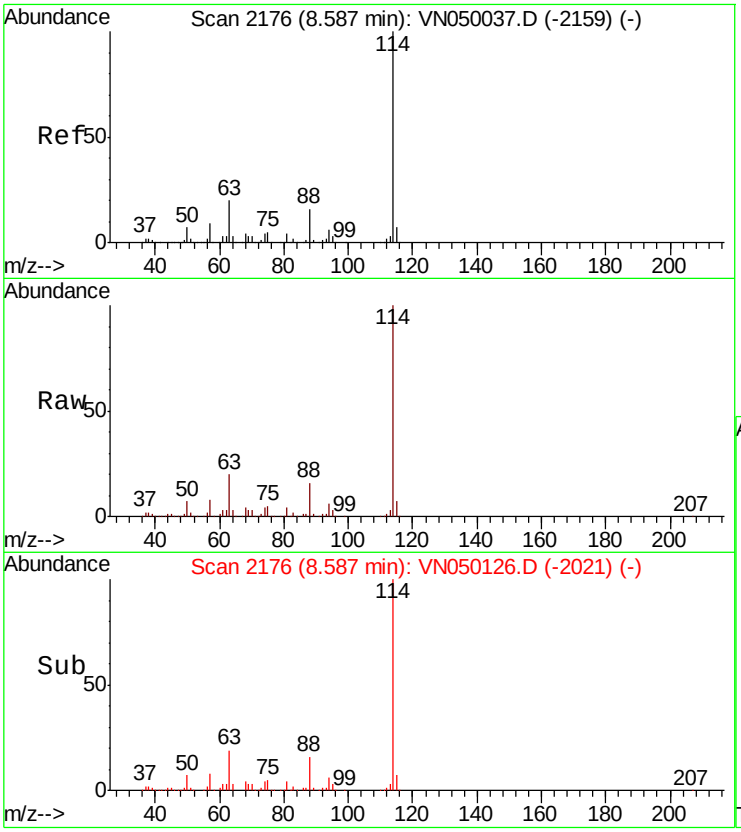


#27
1,2-Dichloroethane-d4
Concen: 30.272 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050126.D
Acq: 27 Jul 2018 12:23

Tgt Ion: 65 Resp: 377690

Ion	Ratio	Lower	Upper
65	100		
67	52.7	42.7	64.1



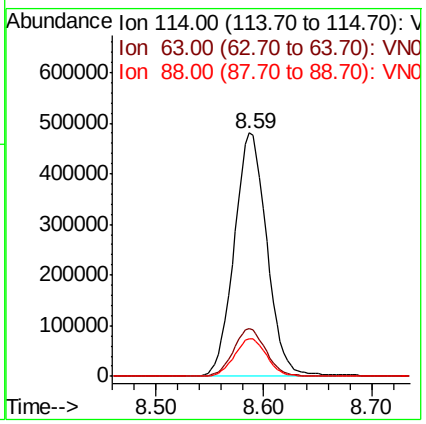


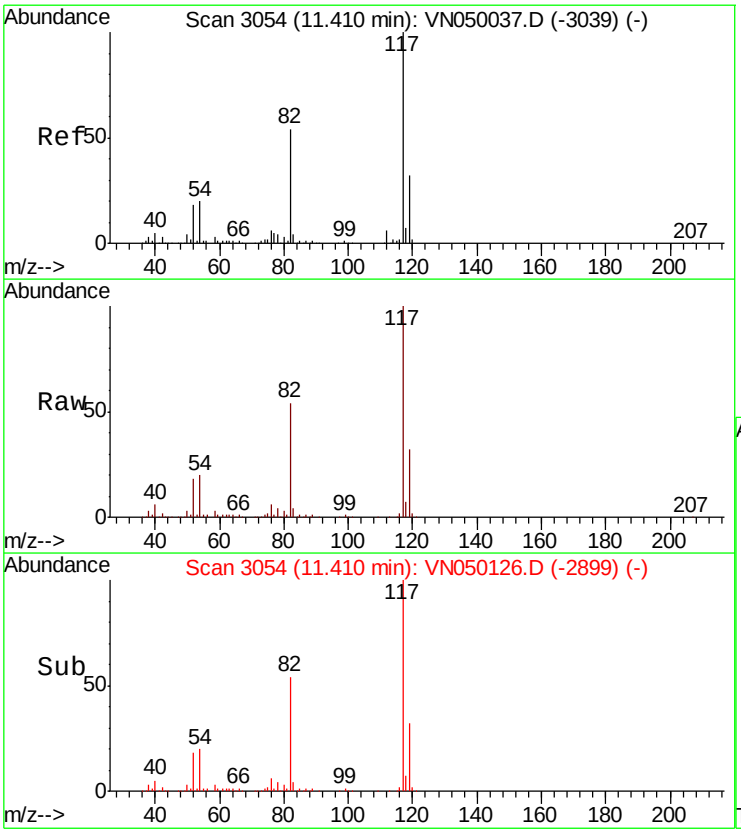
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050126.D
Acq: 27 Jul 2018 12:23

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion:114 Resp: 1014207

Ion	Ratio	Lower	Upper
114	100		
63	19.4	16.2	24.2
88	15.3	12.3	18.5

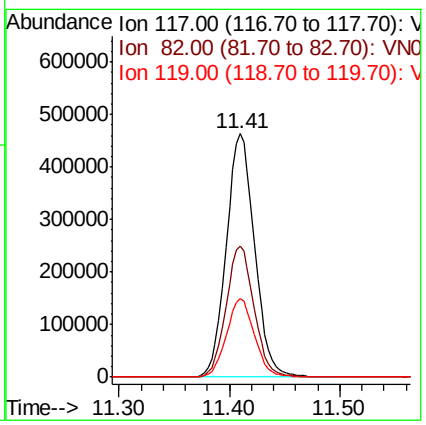


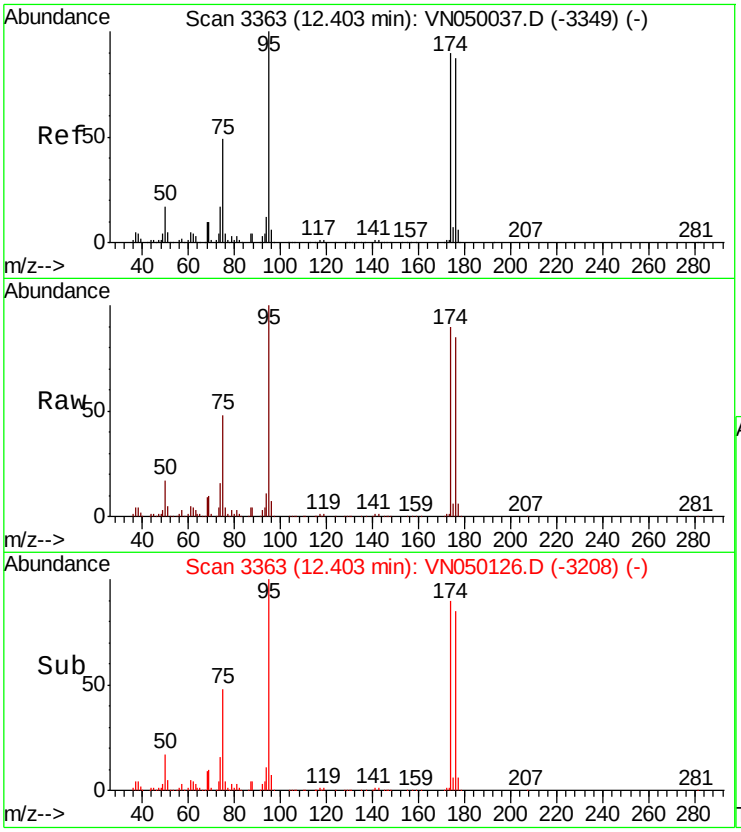


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050126.D
Acq: 27 Jul 2018 12:23

Tgt Ion:117 Resp: 823869

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.4	63.6
119	32.0	25.4	38.0



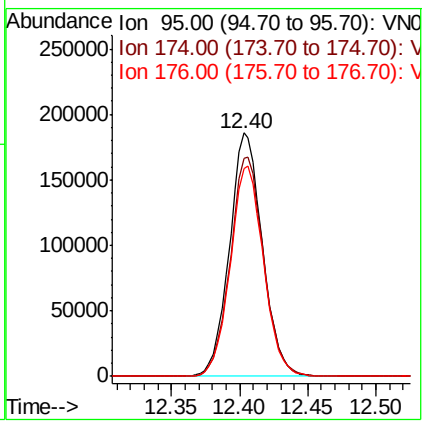


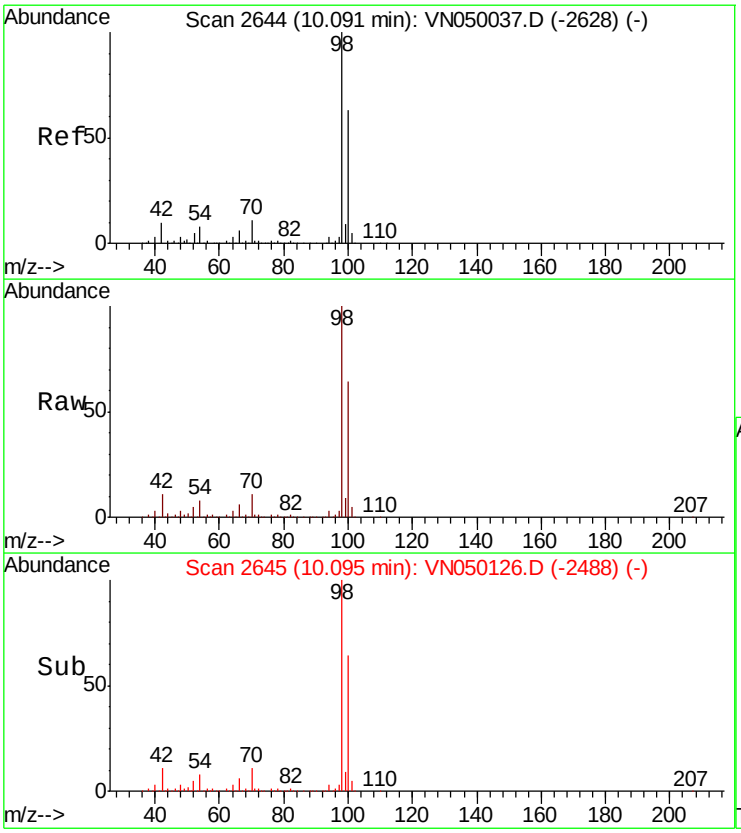
#60
4-Bromofluorobenzene
Concen: 24.508 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050126.D
Acq: 27 Jul 2018 12:23

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion: 95 Resp: 310202

Ion	Ratio	Lower	Upper
95	100		
174	91.8	72.3	108.5
176	87.3	70.0	105.0





#63
Toluene-d8
Concen: 29.433 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050126.D
Acq: 27 Jul 2018 12:23

Tgt Ion: 98 Resp: 1158278

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8