Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053349.D
Acq On : 10 Jan 2019 19:02
Operator : MD\SY
Sample : K1120-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : SPDES-1

Quant Time: Jan 11 06:41:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	140680	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	805047	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	684557	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	281336	31.48	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.93%			
60) 4-Bromofluorobenzene	12.40	95	289917	27.68	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.27%			
63) Toluene-d8	10.09	98	934533	30.30	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.00%			

Target Compounds	Qvalue

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

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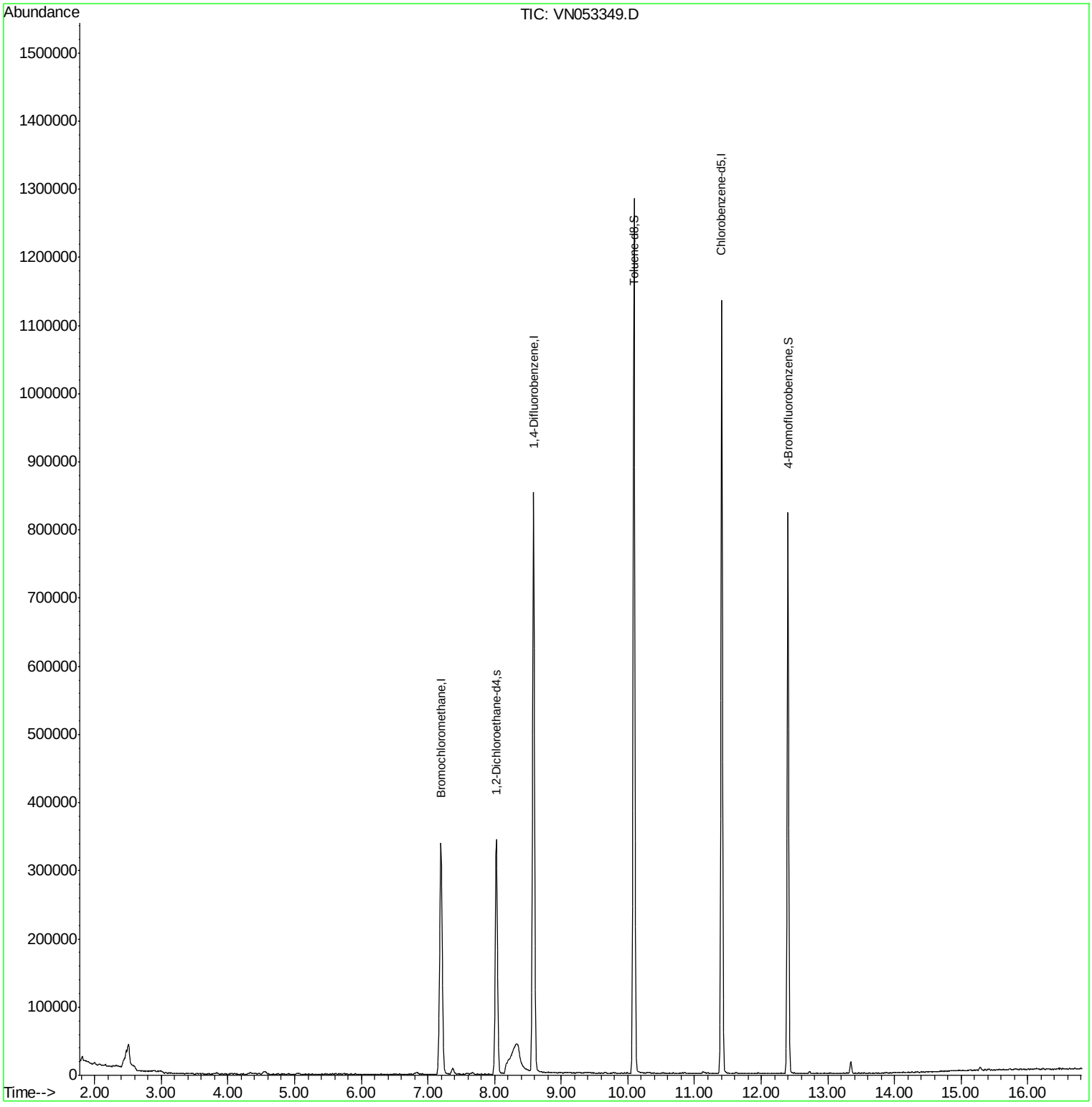
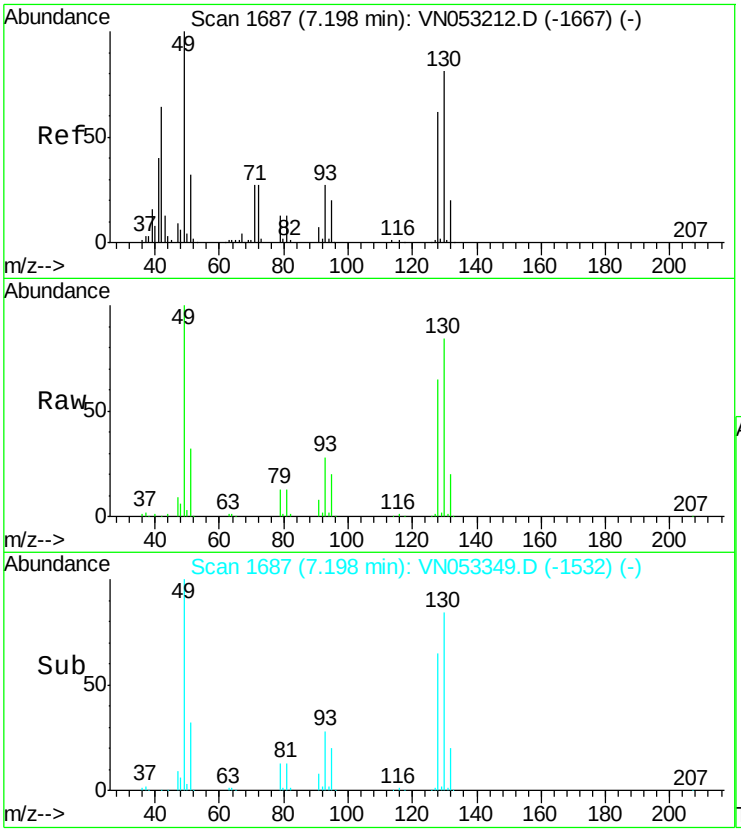


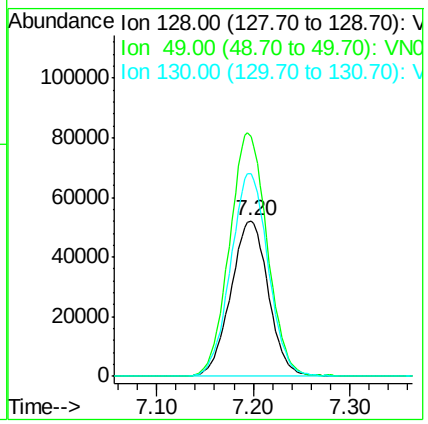


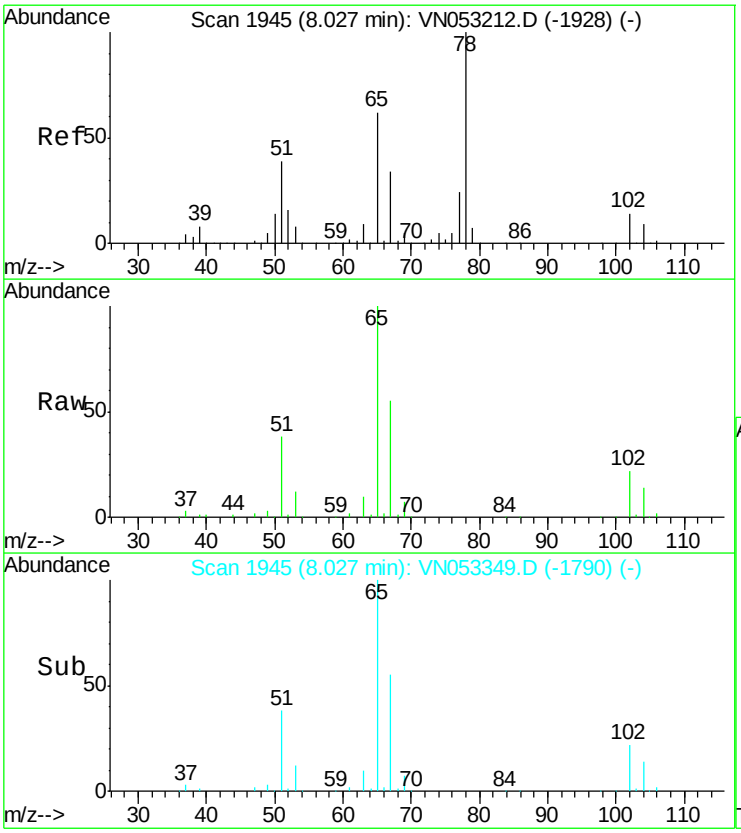
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion:128 Resp: 140680

Ion	Ratio	Lower	Upper
128	100		
49	156.7	0.0	431.8
130	130.4	0.0	317.0

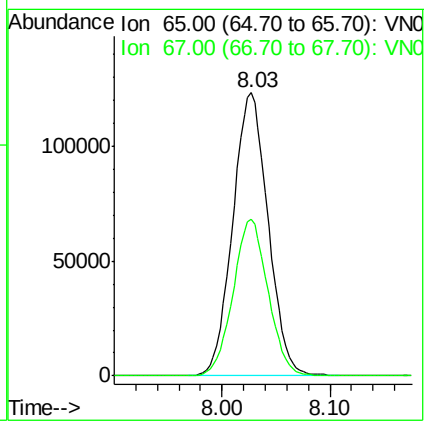


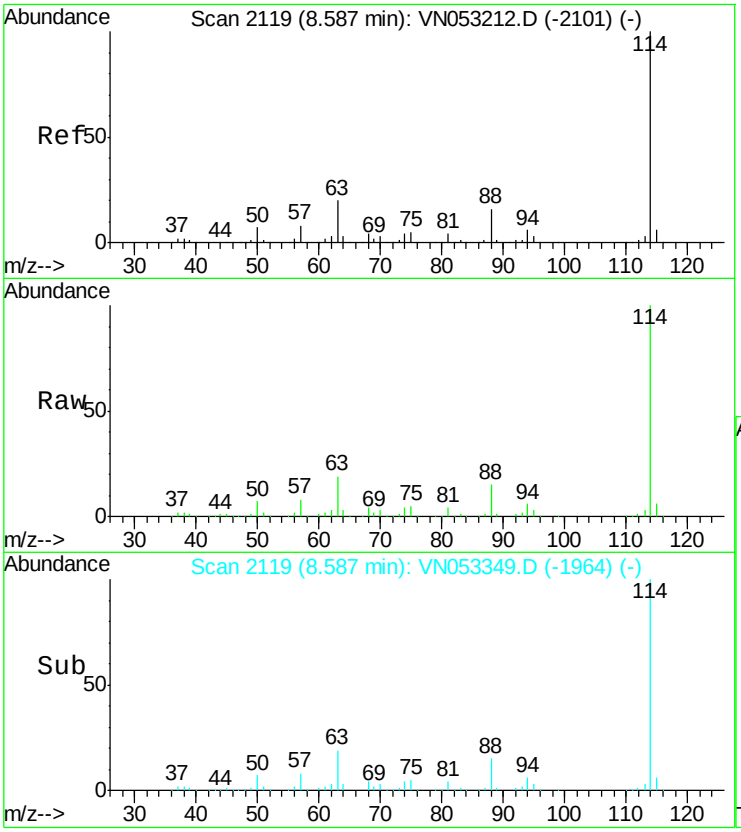


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Tgt Ion: 65 Resp: 281336

Ion	Ratio	Lower	Upper
65	100		
67	54.8	44.6	66.8



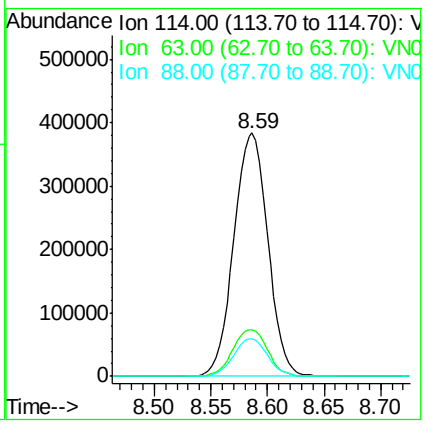


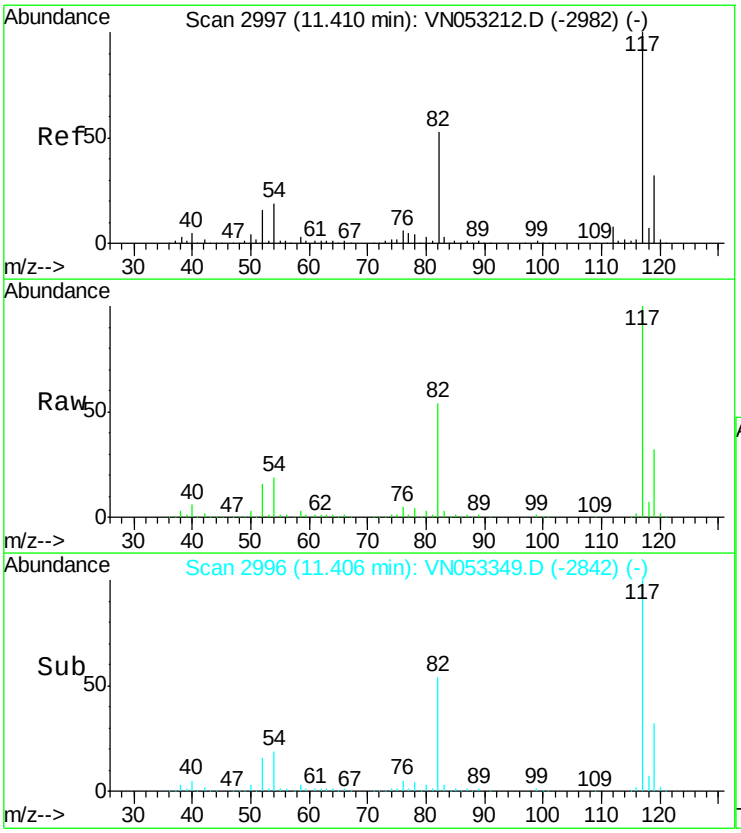
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion:114 Resp: 805047

Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.9	25.3
88	15.4	12.8	19.2

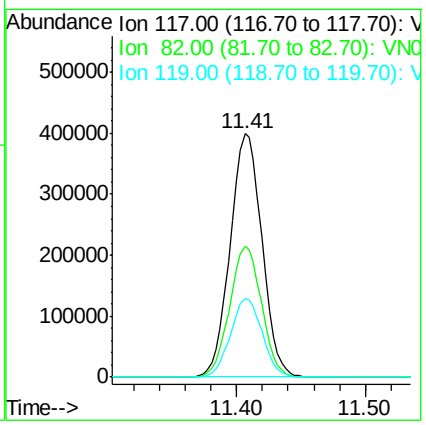


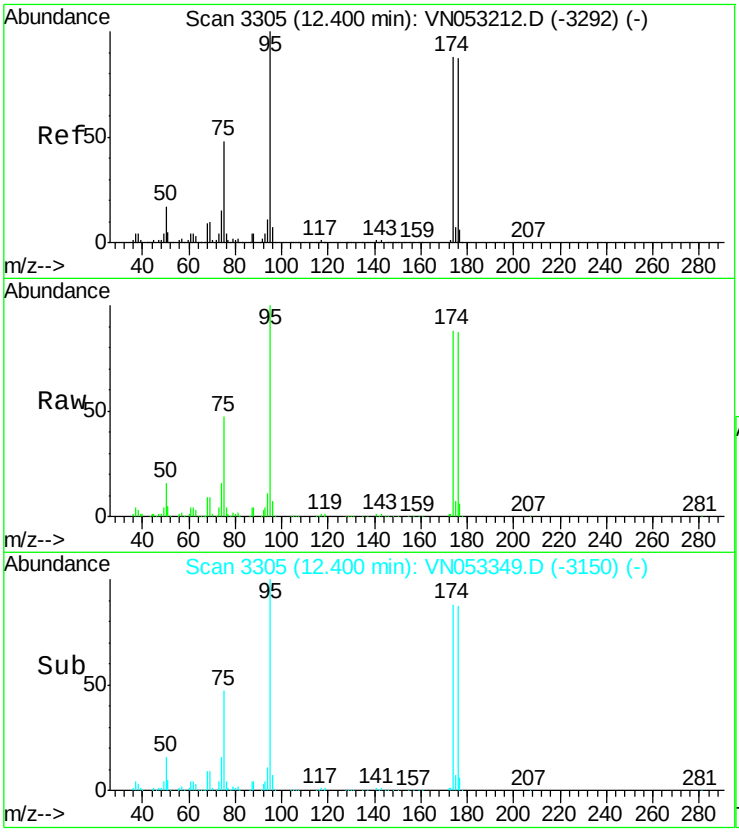


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Tgt Ion:117 Resp: 684557

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.2
119	32.1	25.4	38.2



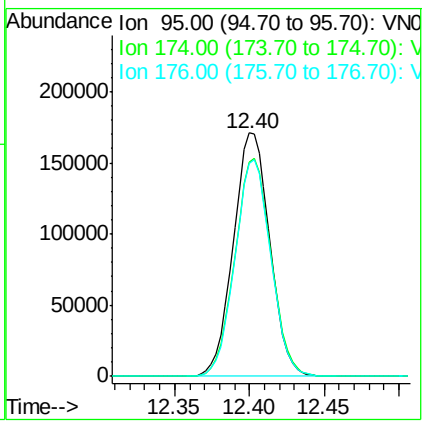


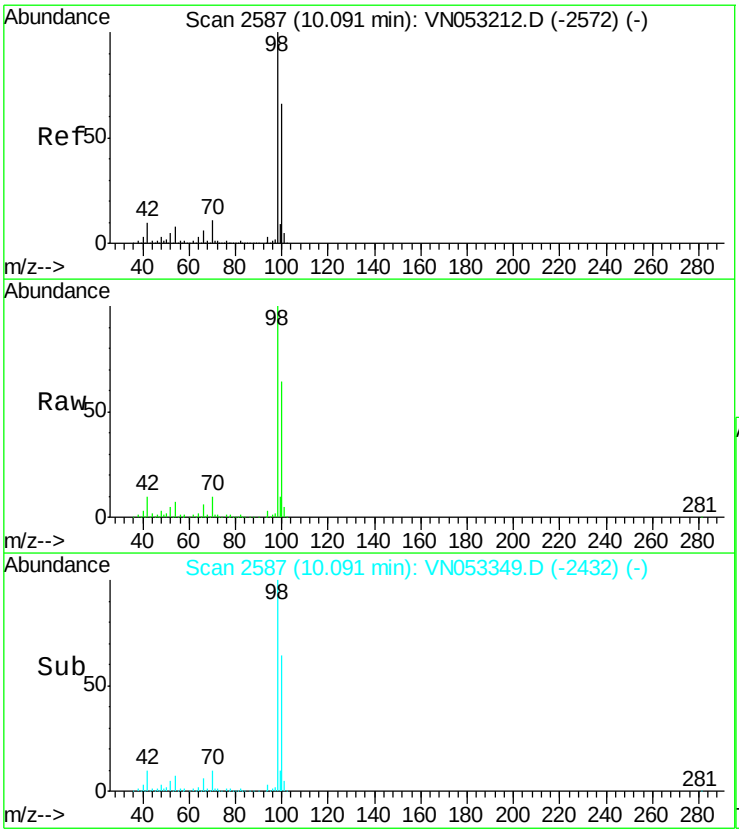
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion: 95 Resp: 289917

Ion	Ratio	Lower	Upper
95	100		
174	89.0	67.9	101.9
176	87.4	66.4	99.6





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053349.D
Acq: 10 Jan 2019 19:02

Tgt Ion: 98 Resp: 934533

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7