Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058372.D
Acq On : 26 Sep 2019 10:11
Operator : JC/SP
Sample : VN0926WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0926WBL01

Quant Time: Sep 27 03:51:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 25 01:36:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	76152	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	456179	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	386644	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	214994	31.94	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 106.47%			
60) 4-Bromofluorobenzene	12.41	95	178549	26.69	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.97%			
63) Toluene-d8	10.08	98	572158	31.01	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.37%			

Target Compounds	Qvalue

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

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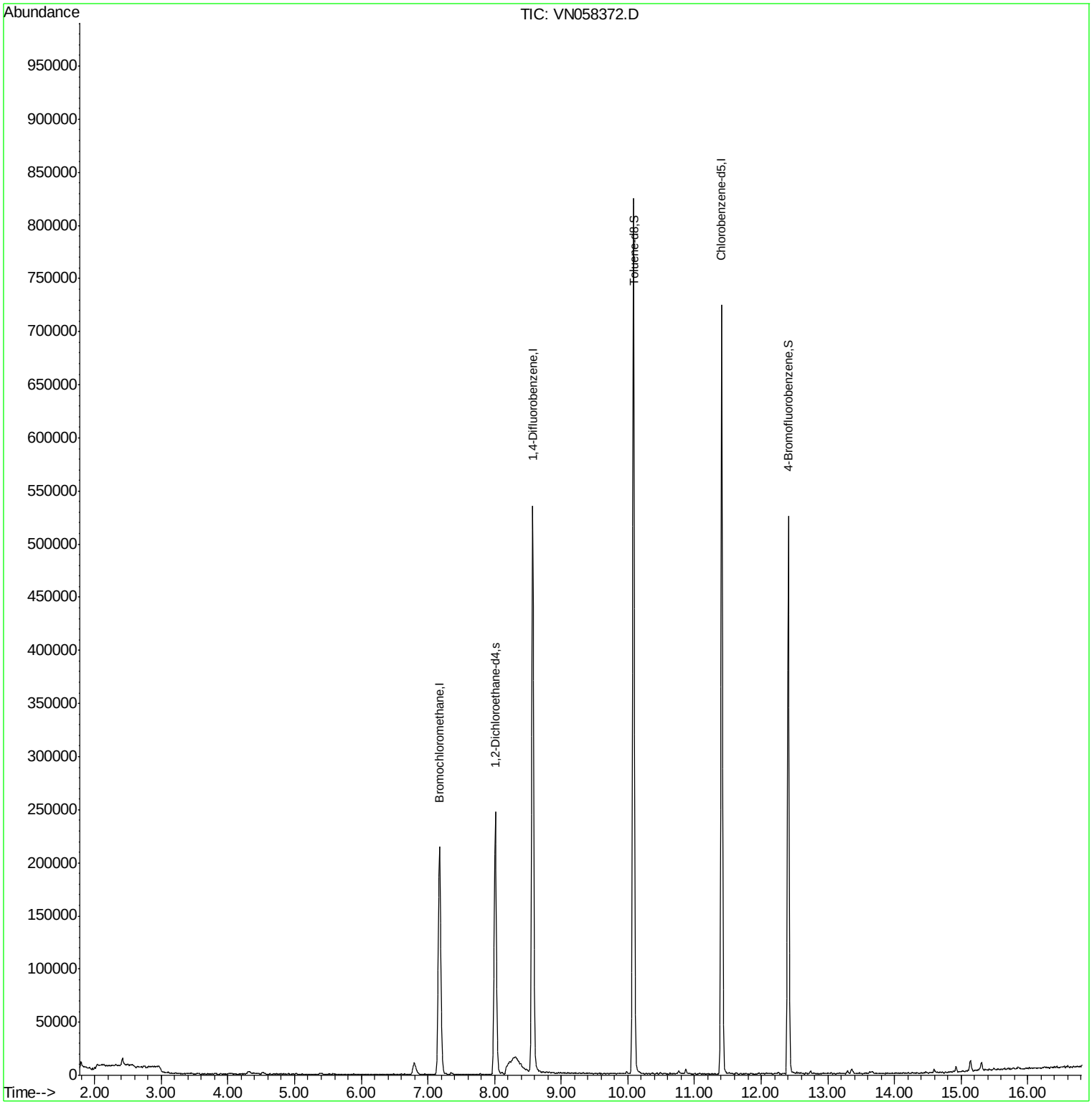
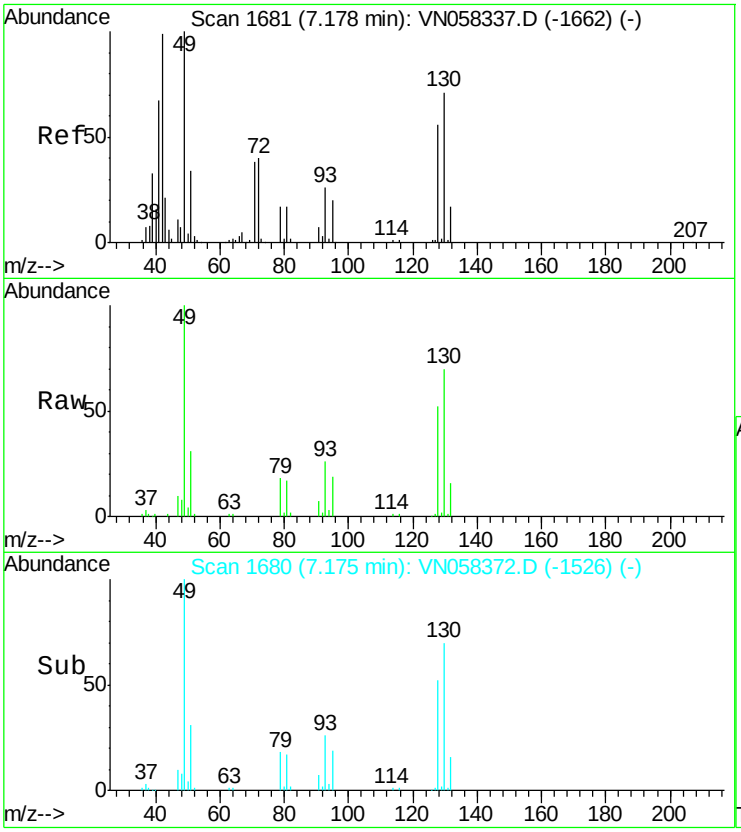


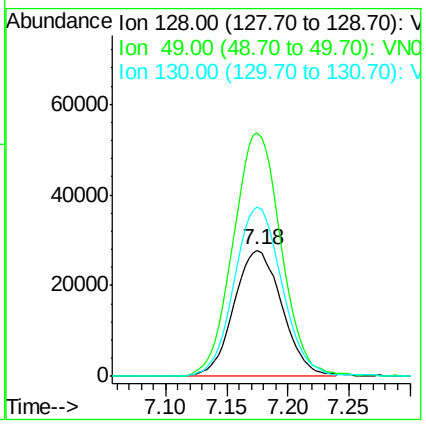


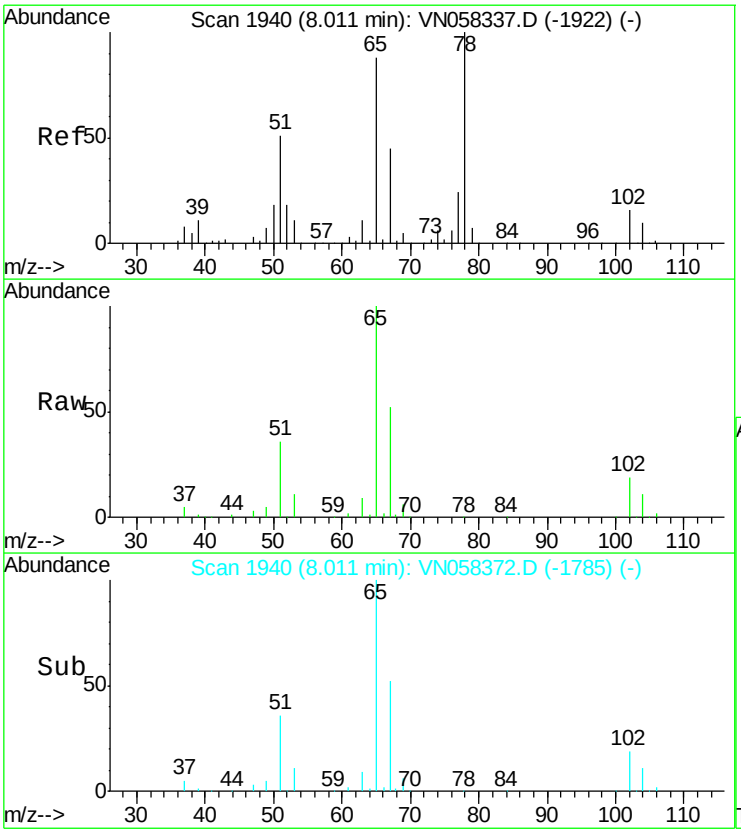
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN058372.D
Acq: 26 Sep 2019 10:11

Instrument : MSVOA_N
ClientSampleId : VN0926WBL01

Tgt Ion:128 Resp: 76152

Ion	Ratio	Lower	Upper
128	100		
49	192.0	0.0	458.5
130	133.0	0.0	320.7

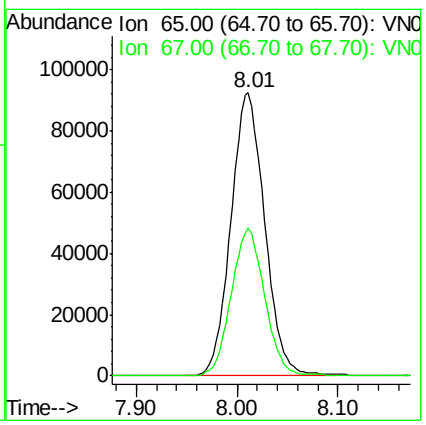


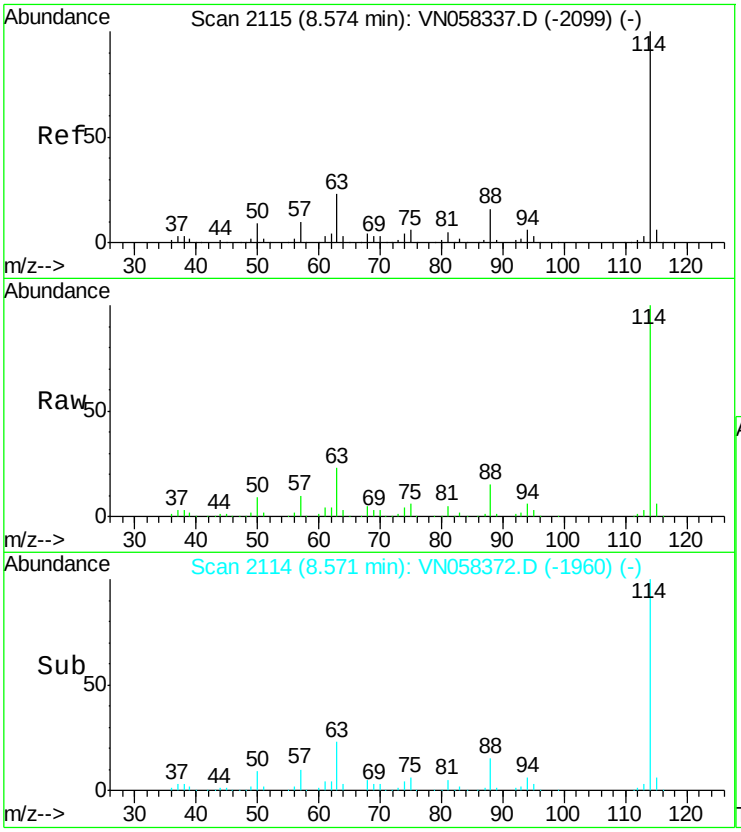


#27
1,2-Dichloroethane-d4
Concen: 31.937 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058372.D
Acq: 26 Sep 2019 10:11

Tgt Ion: 65 Resp: 214994

Ion	Ratio	Lower	Upper
65	100		
67	51.2	40.4	60.6



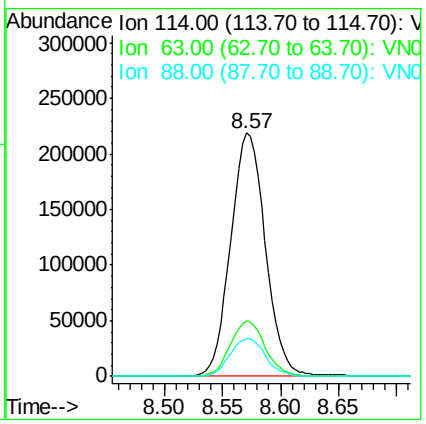


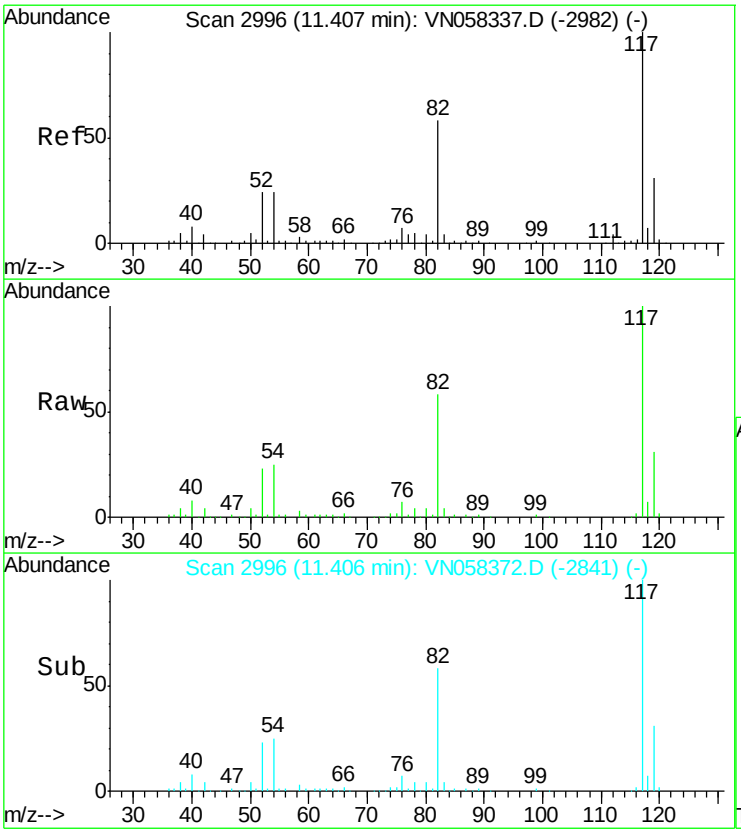
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN058372.D
Acq: 26 Sep 2019 10:11

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBL01

Tgt Ion:114 Resp: 456179

Ion	Ratio	Lower	Upper
114	100		
63	22.9	17.8	26.8
88	15.9	12.7	19.1

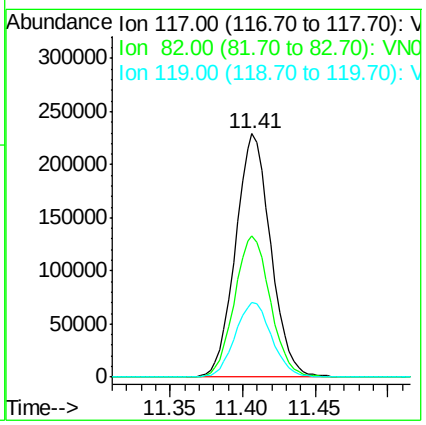


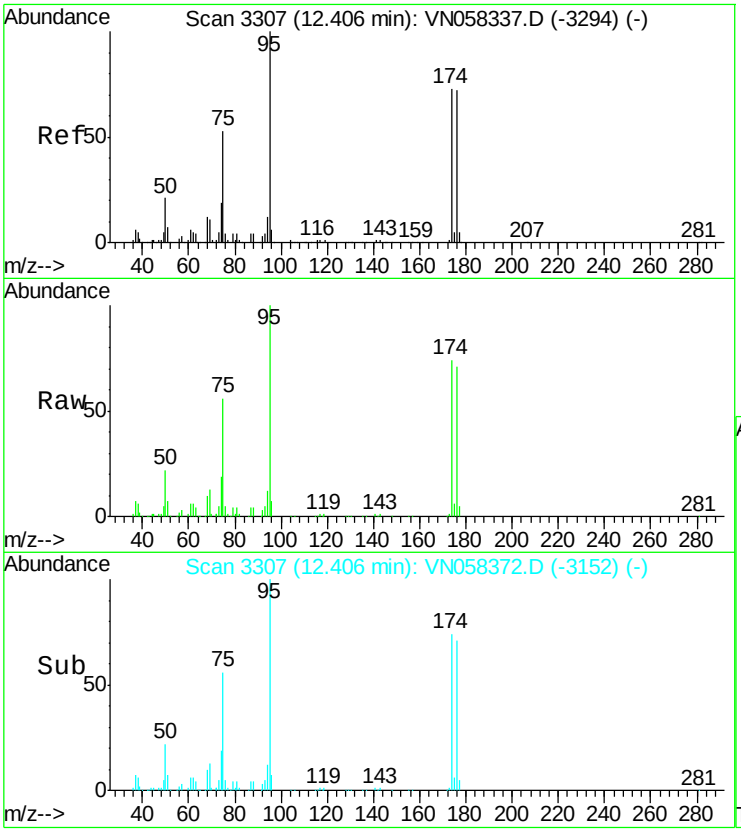


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058372.D
Acq: 26 Sep 2019 10:11

Tgt Ion:117 Resp: 386644

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.4	69.6
119	31.8	25.1	37.7



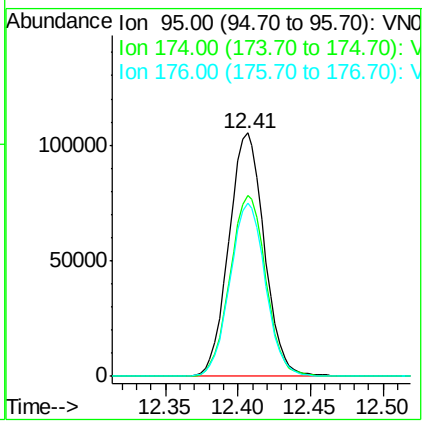


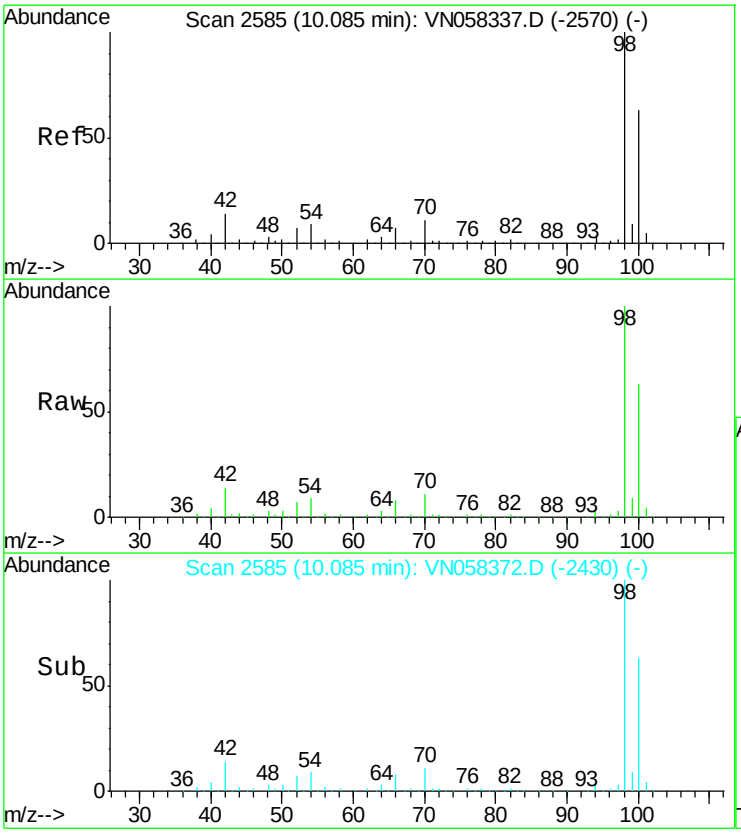
#60
4-Bromofluorobenzene
Concen: 26.689 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058372.D
Acq: 26 Sep 2019 10:11

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBL01

Tgt Ion: 95 Resp: 178549

Ion	Ratio	Lower	Upper
95	100		
174	75.2	59.0	88.6
176	71.2	58.2	87.2





#63
Toluene-d8
Concen: 31.008 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058372.D
Acq: 26 Sep 2019 10:11

Tgt Ion: 98 Resp: 572158

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.2	75.2