Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082319\
Data File : VN057468.D
Acq On : 23 Aug 2019 12:33
Operator : JC/SP
Sample : VN0823WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0823WBL01

Quant Time: Aug 23 23:30:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	67348	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	374760	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	282743	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	197677	30.45	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.50%			
60) 4-Bromofluorobenzene	12.40	95	96539	20.71	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 69.03%			
63) Toluene-d8	10.09	98	468480	32.81	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 109.37%			
Target Compounds						Qvalue

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

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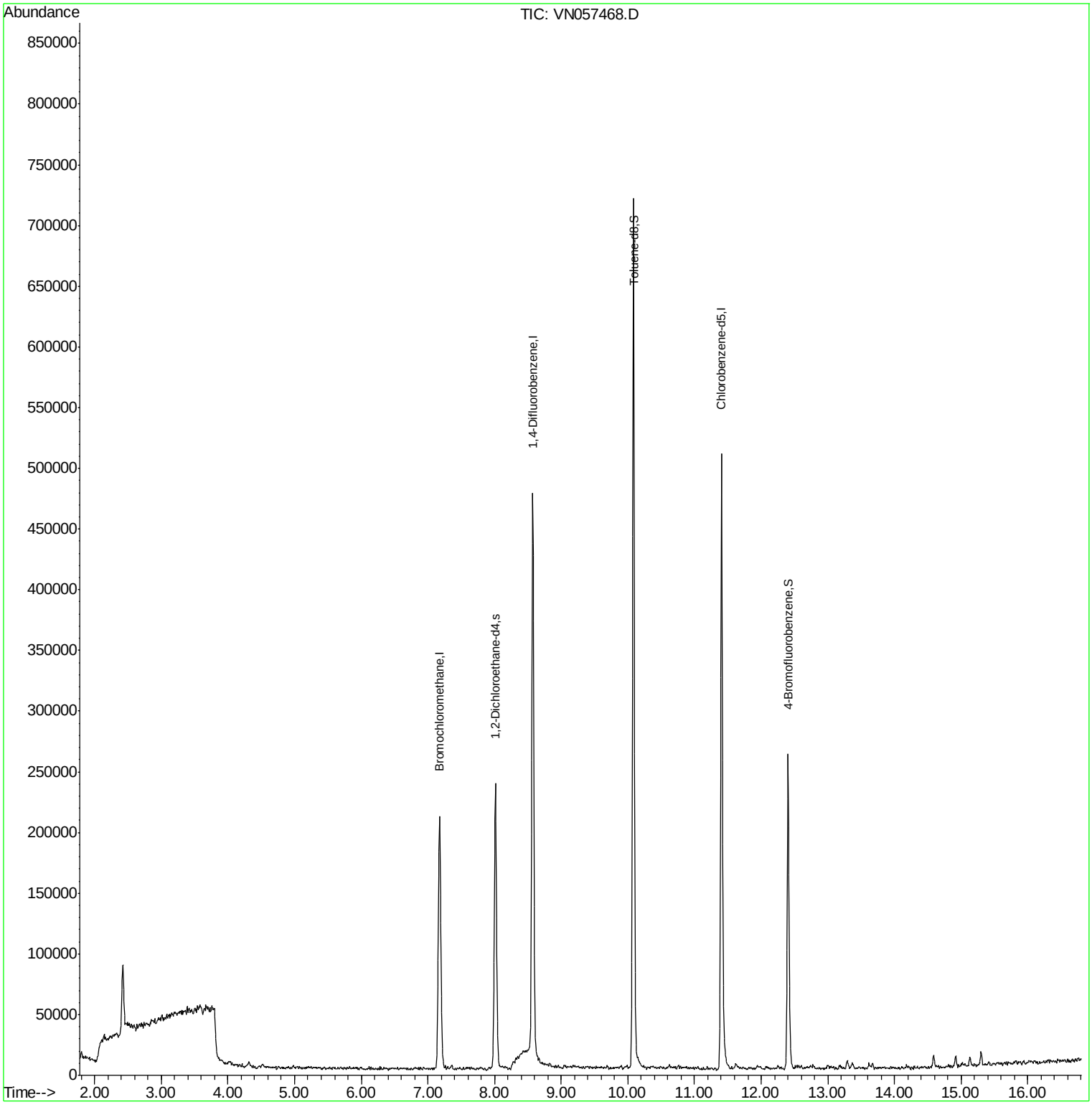
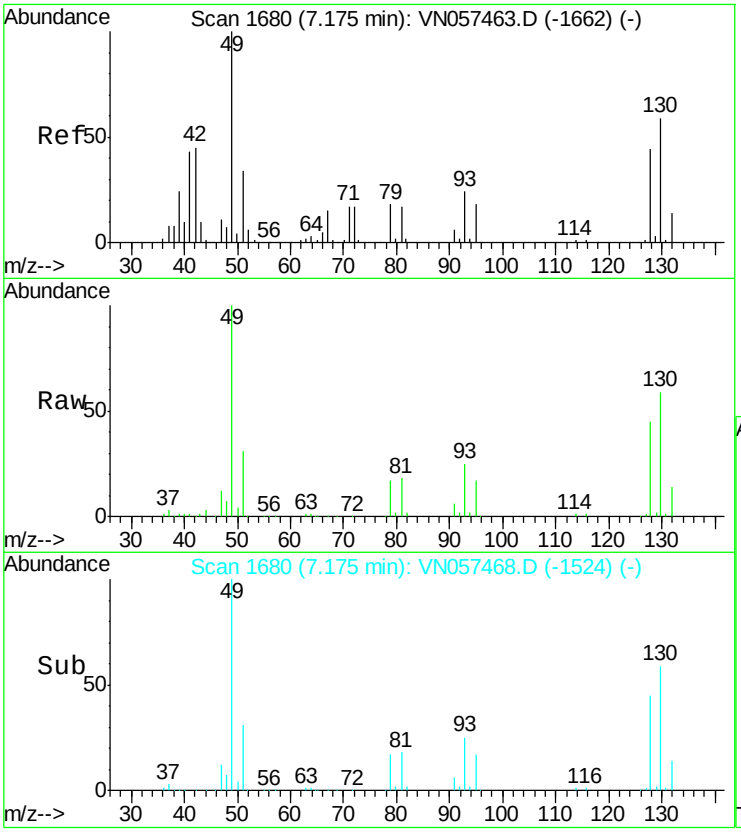


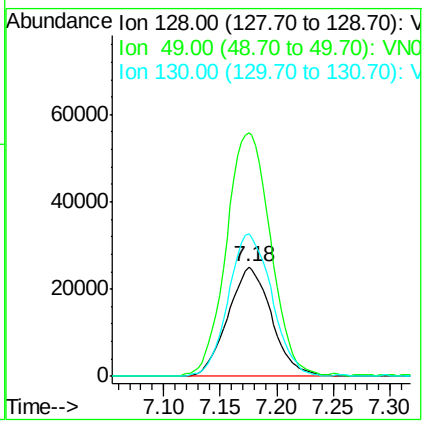


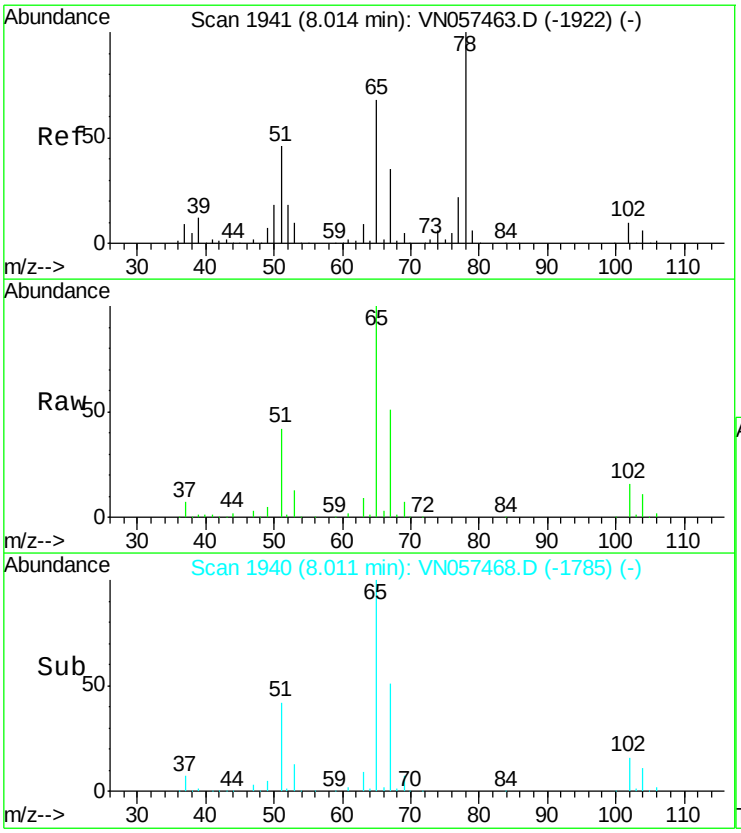
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN057468.D
Acq: 23 Aug 2019 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

Tgt Ion:128 Resp: 67348

Ion	Ratio	Lower	Upper
128	100		
49	225.8	0.0	560.5
130	130.1	0.0	317.3

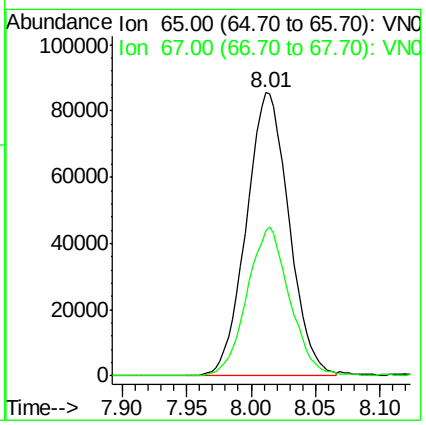


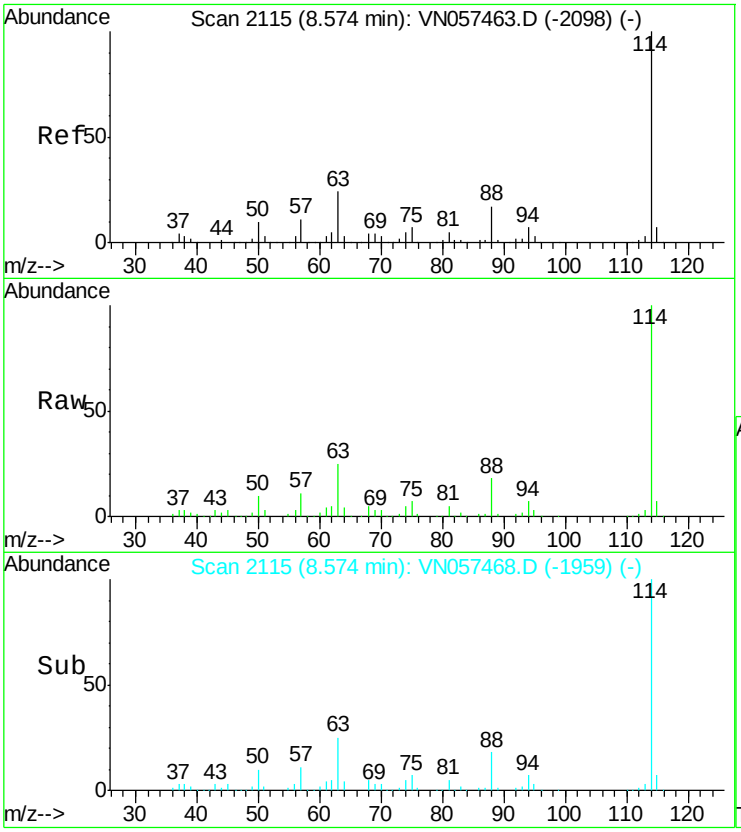


#27
1,2-Dichloroethane-d4
Concen: 30.446 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN057468.D
Acq: 23 Aug 2019 12:33

Tgt Ion: 65 Resp: 197677

Ion	Ratio	Lower	Upper
65	100		
67	52.1	40.2	60.4



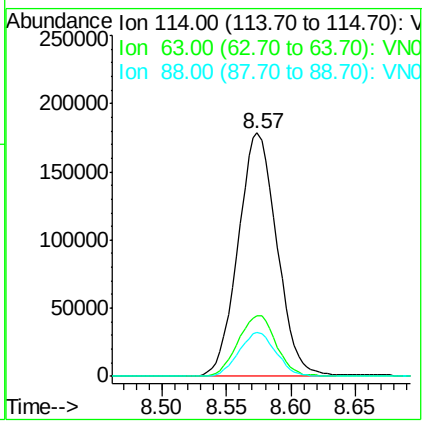


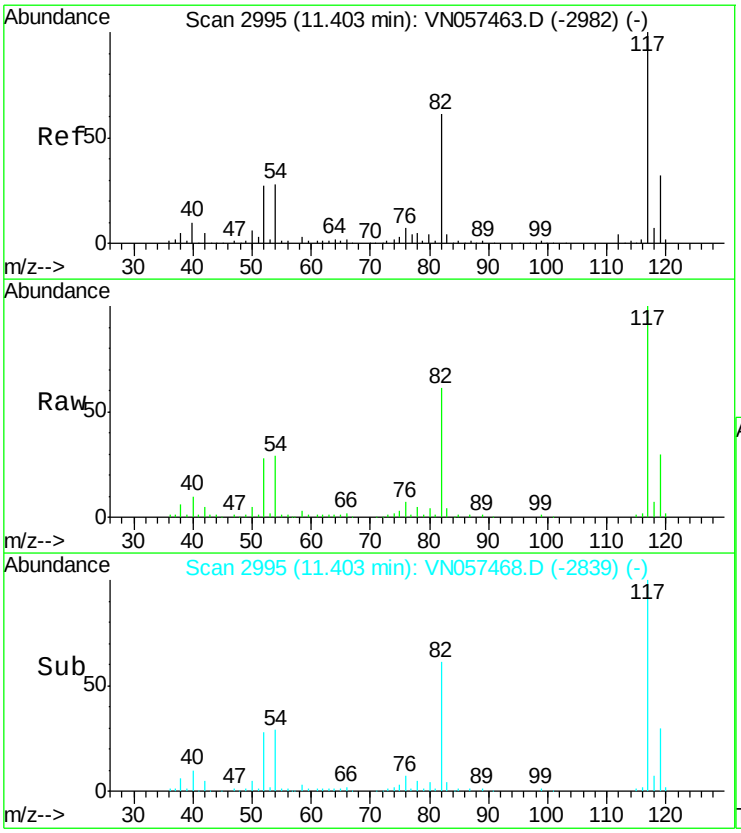
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN057468.D
Acq: 23 Aug 2019 12:33

Instrument : MSVOA_N
ClientSampleId : VN0823WBL01

Tgt Ion:114 Resp: 374760

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.6	29.4
88	17.4	13.1	19.7

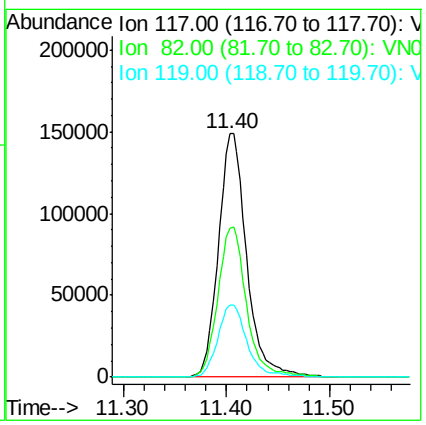


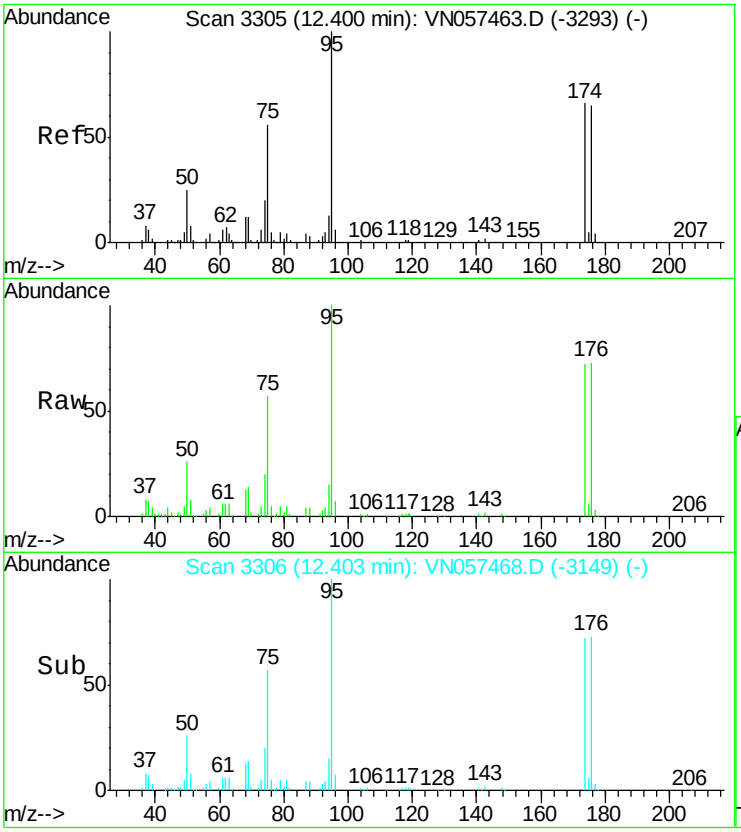


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057468.D
Acq: 23 Aug 2019 12:33

Tgt Ion:117 Resp: 282743

Ion	Ratio	Lower	Upper
117	100		
82	62.2	50.4	75.6
119	30.9	25.4	38.2



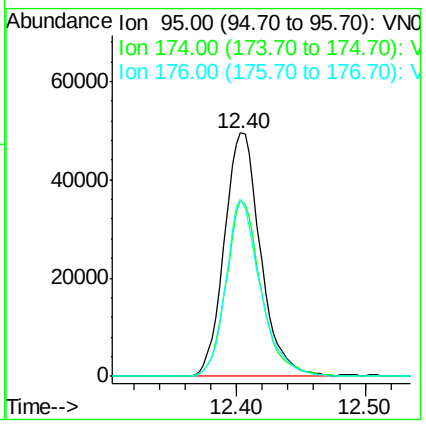


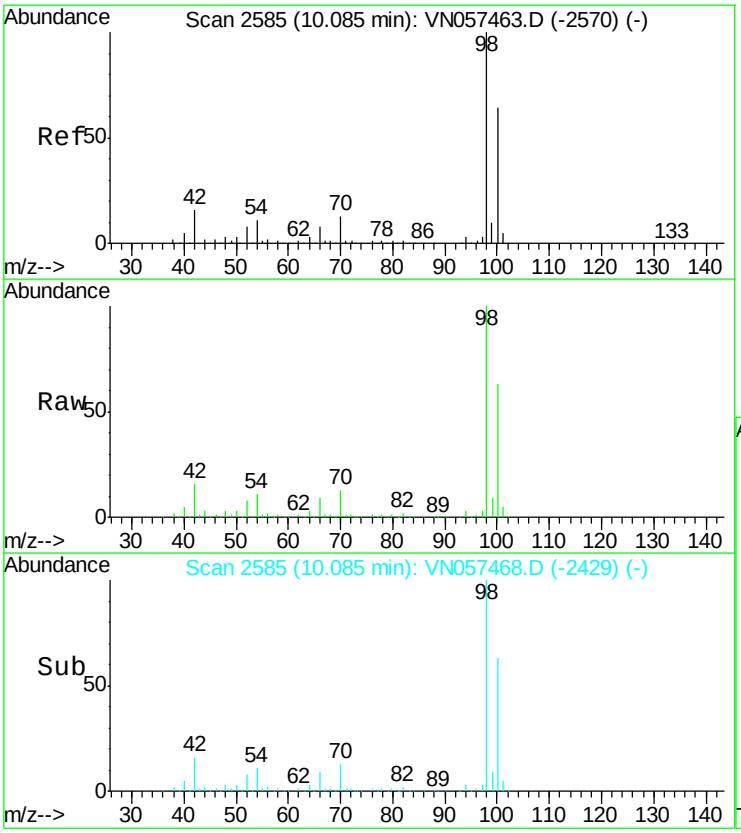
#60
4-Bromofluorobenzene
Concen: 20.705 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057468.D
Acq: 23 Aug 2019 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

Tgt Ion: 95 Resp: 96539

Ion	Ratio	Lower	Upper
95	100		
174	69.7	54.9	82.3
176	69.1	54.2	81.4





#63
Toluene-d8
Concen: 32.810 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057468.D
Acq: 23 Aug 2019 12:33

Tgt Ion: 98 Resp: 468480

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.6