Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
Data File : VN064254.D
Acq On : 22 Oct 2020 16:56
Operator : JC/MD
Sample : VN1022WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN1022WBL01

Quant Time: Oct 23 01:21:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N102020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 22 16:07:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	39247	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	225030	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	192374	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	107324	33.40	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.33%#			
60) 4-Bromofluorobenzene	12.38	95	97181	28.19	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.97%			
63) Toluene-d8	10.06	98	262158	30.10	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.33%			

Target Compounds	Qvalue

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

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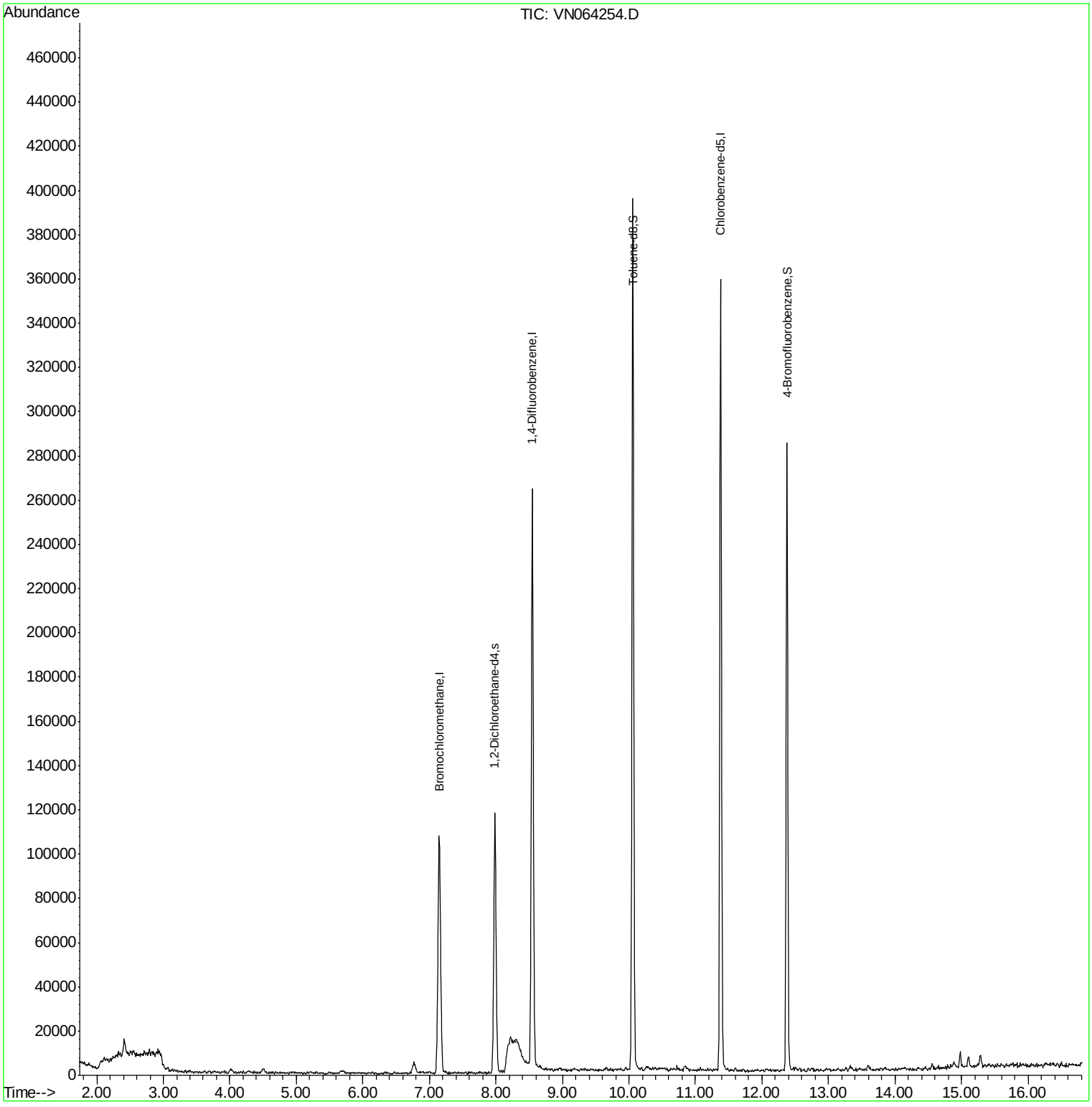
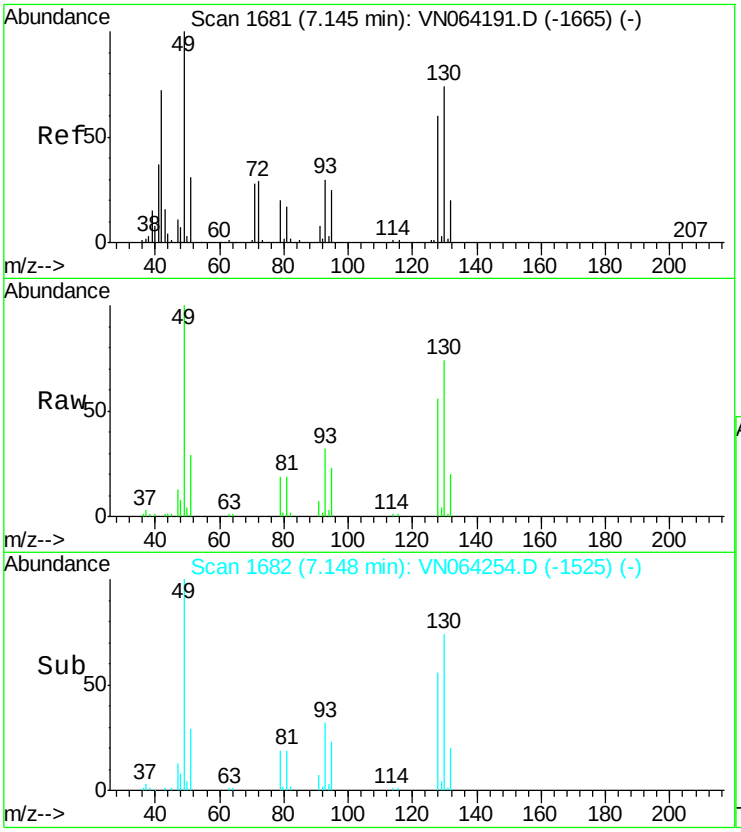


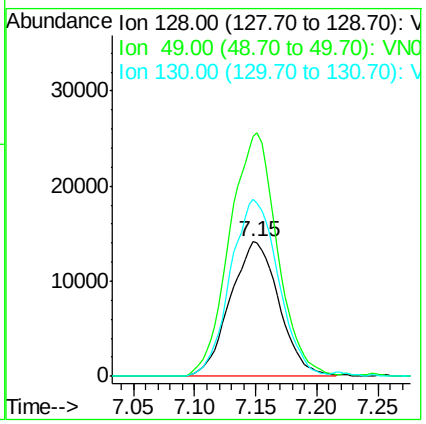


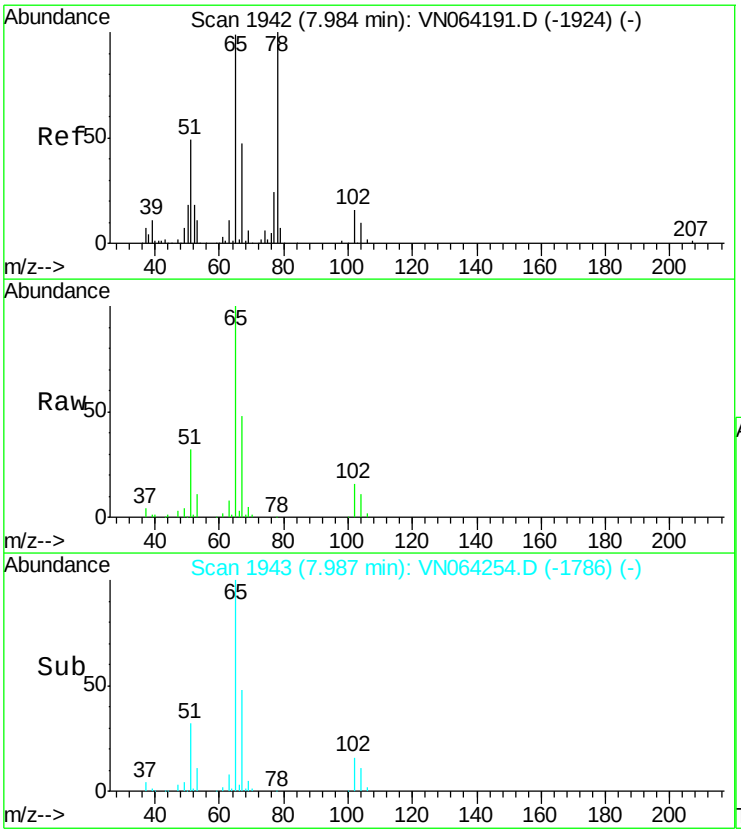
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN064254.D
Acq: 22 Oct 2020 16:56

Instrument : MSVOA_N
ClientSampleId : VN1022WBL01

Tgt Ion:128 Resp: 39247

Ion	Ratio	Lower	Upper
128	100		
49	176.6	0.0	433.3
130	129.0	0.0	322.5

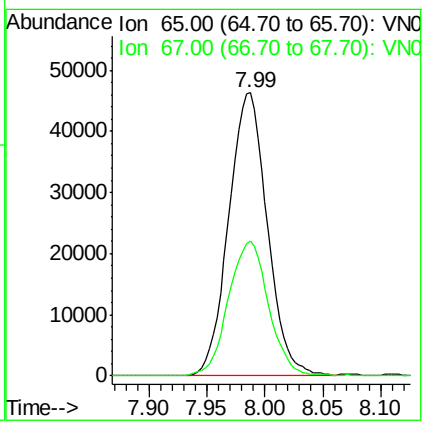


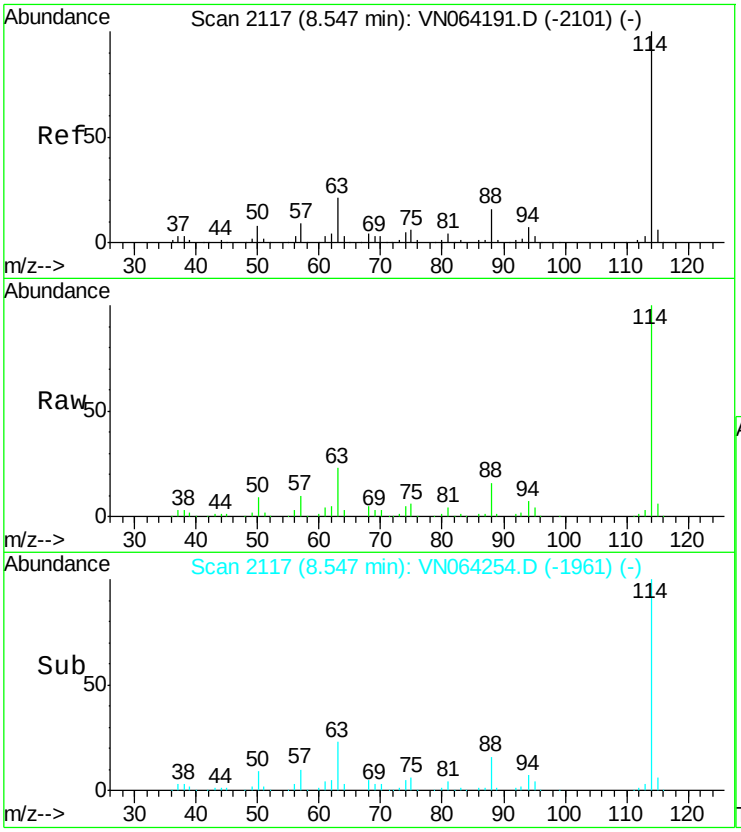


#27
1,2-Dichloroethane-d4
Concen: 33.400 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064254.D
Acq: 22 Oct 2020 16:56

Tgt Ion: 65 Resp: 107324

Ion	Ratio	Lower	Upper
65	100		
67	49.6	39.8	59.6



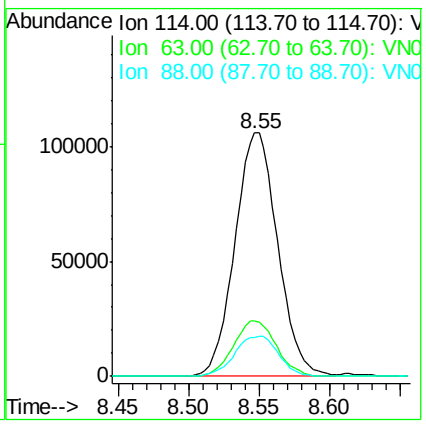


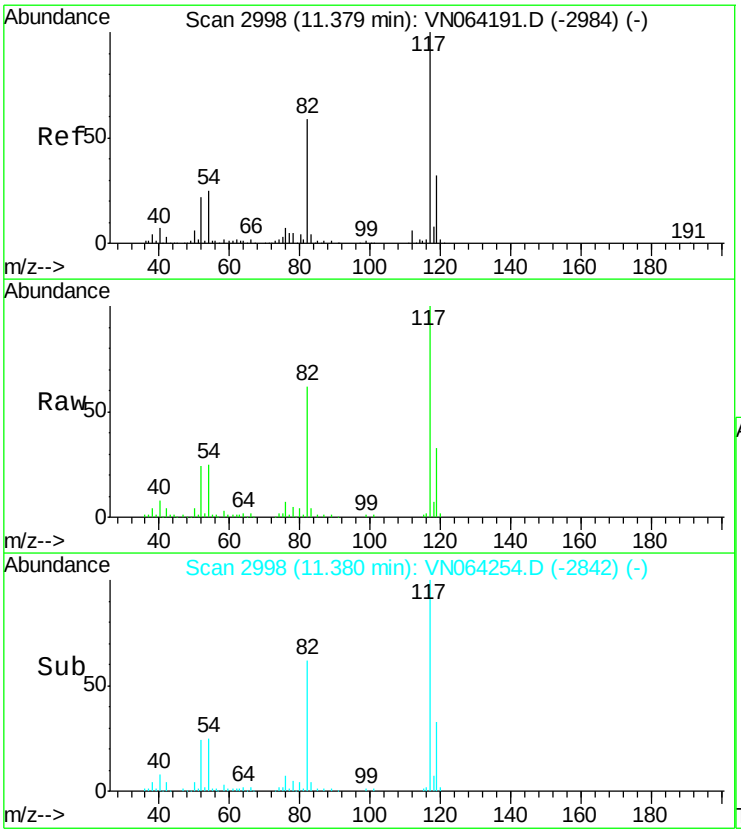
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VN064254.D
Acq: 22 Oct 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

Tgt Ion:114 Resp: 225030

Ion	Ratio	Lower	Upper
114	100		
63	22.8	17.0	25.4
88	17.1	13.0	19.4

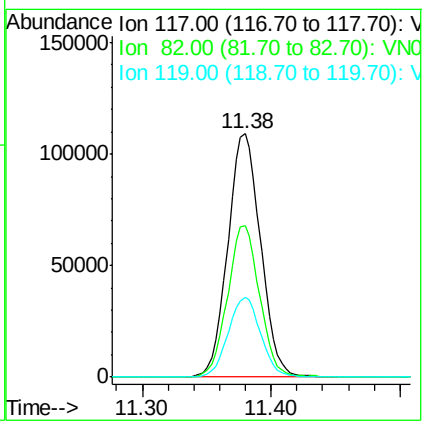


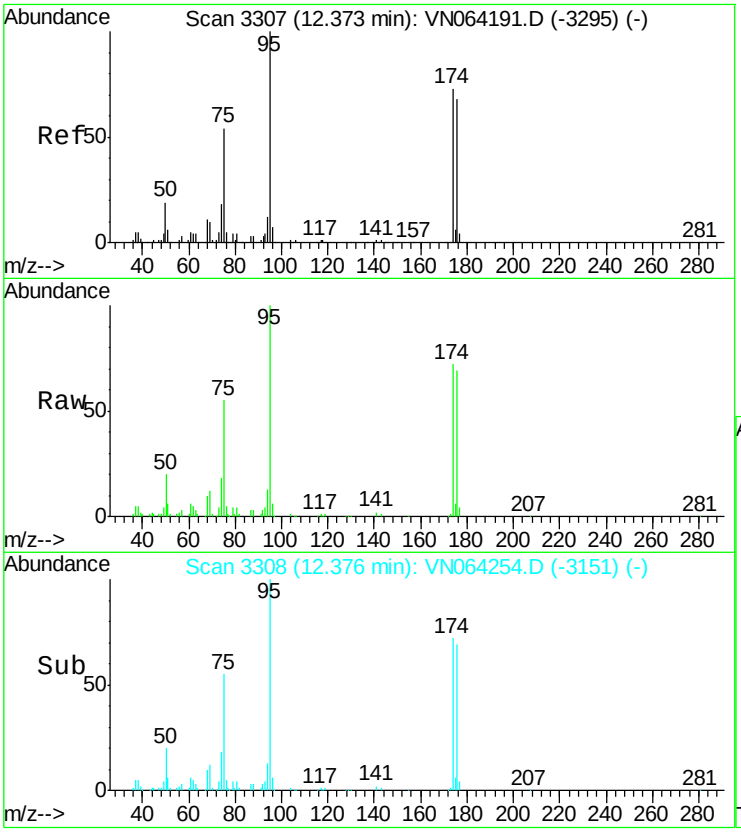


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064254.D
Acq: 22 Oct 2020 16:56

Tgt Ion:117 Resp: 192374

Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.8	71.8
119	32.4	25.7	38.5



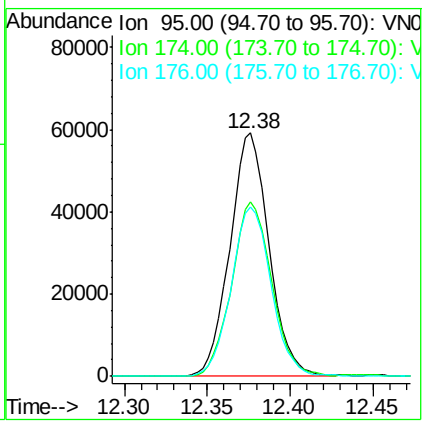


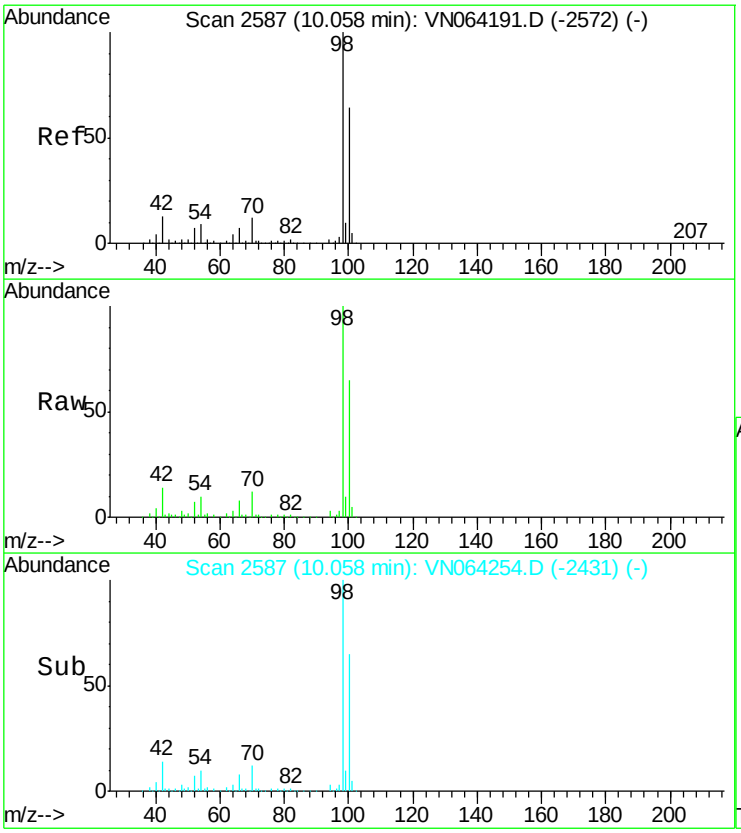
#60
4-Bromofluorobenzene
Concen: 28.189 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064254.D
Acq: 22 Oct 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

Tgt Ion: 95 Resp: 97181

Ion	Ratio	Lower	Upper
95	100		
174	73.4	57.6	86.4
176	70.7	54.9	82.3





#63
Toluene-d8
Concen: 30.101 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064254.D
Acq: 22 Oct 2020 16:56

Tgt Ion: 98 Resp: 262158

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.4	77.2