Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102220\
Data File : VN064258.D
Acq On : 22 Oct 2020 18:30
Operator : JC/MD
Sample : VN1022WBL04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN1022WBL04

Quant Time: Oct 23 01:35:39 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	46073	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	262267	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	232257	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	128830	34.15	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.83%#			
60) 4-Bromofluorobenzene	12.38	95	116648	28.03	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.43%			
63) Toluene-d8	10.06	98	312874	29.75	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.17%			
Target Compounds						Qvalue

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

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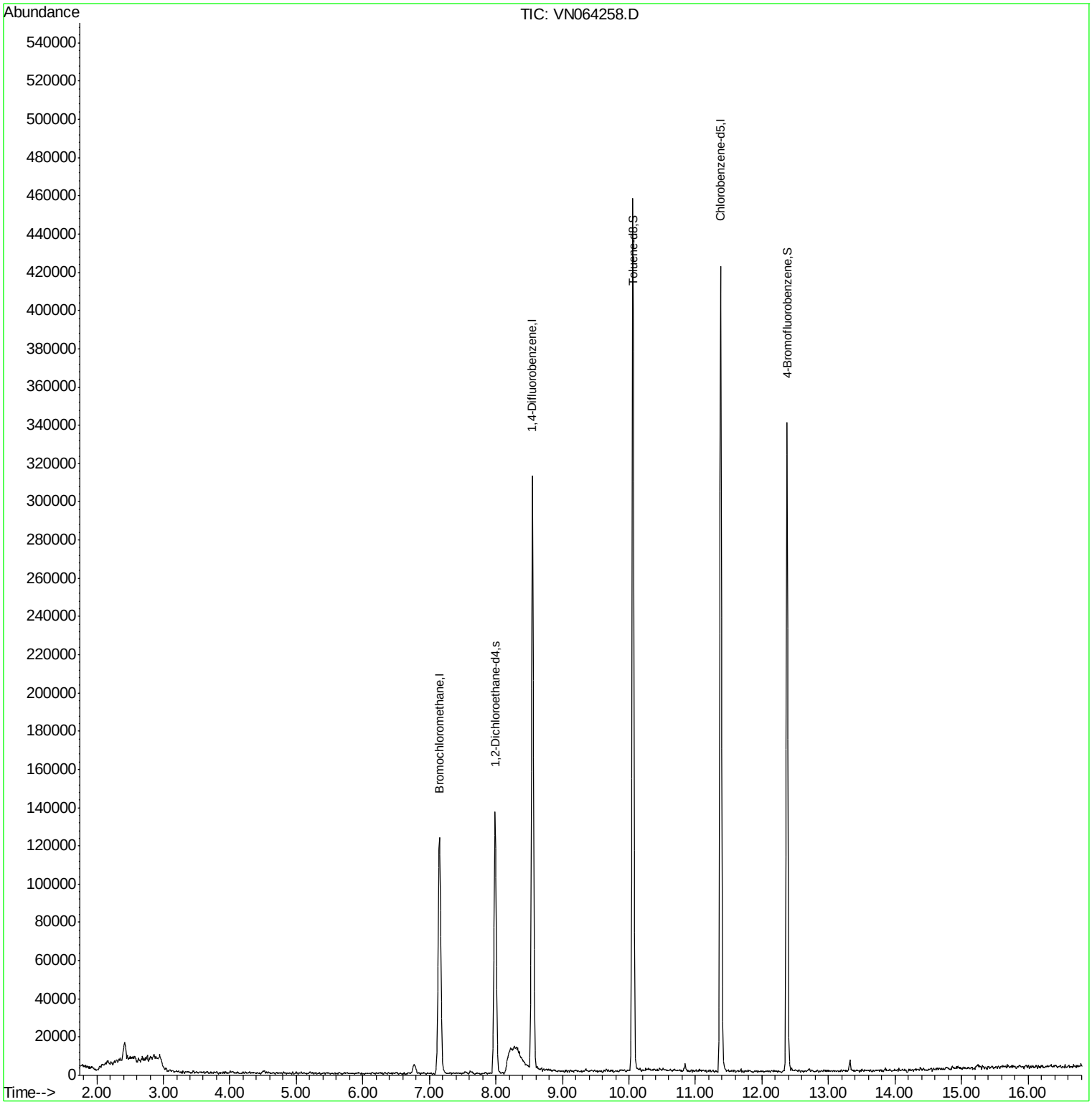
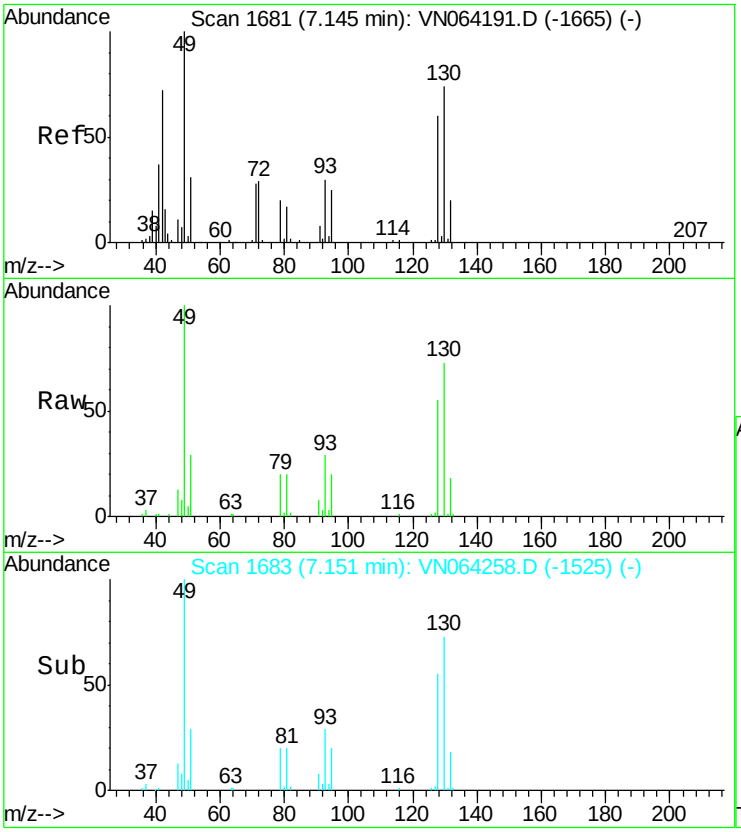


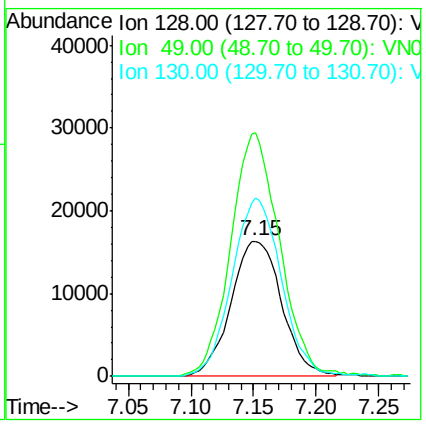


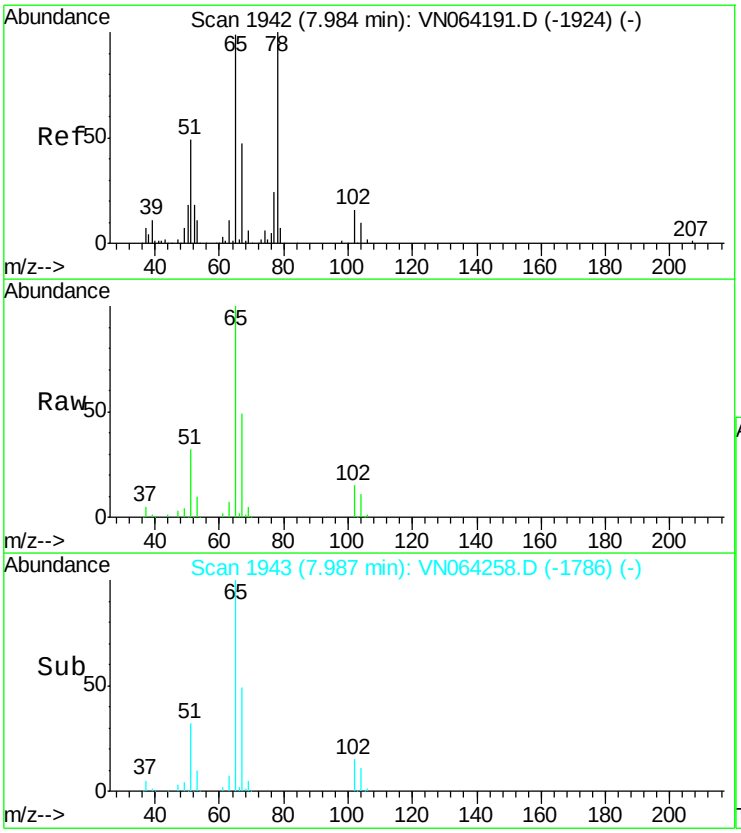
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Instrument : MSVOA_N
ClientSampleId : VN1022WBL04

Tgt Ion:128 Resp: 46073

Ion	Ratio	Lower	Upper
128	100		
49	173.1	0.0	433.3
130	128.1	0.0	322.5

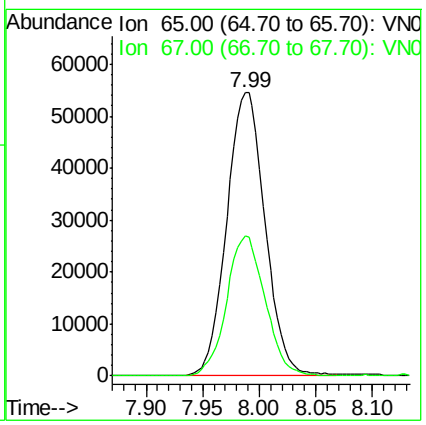


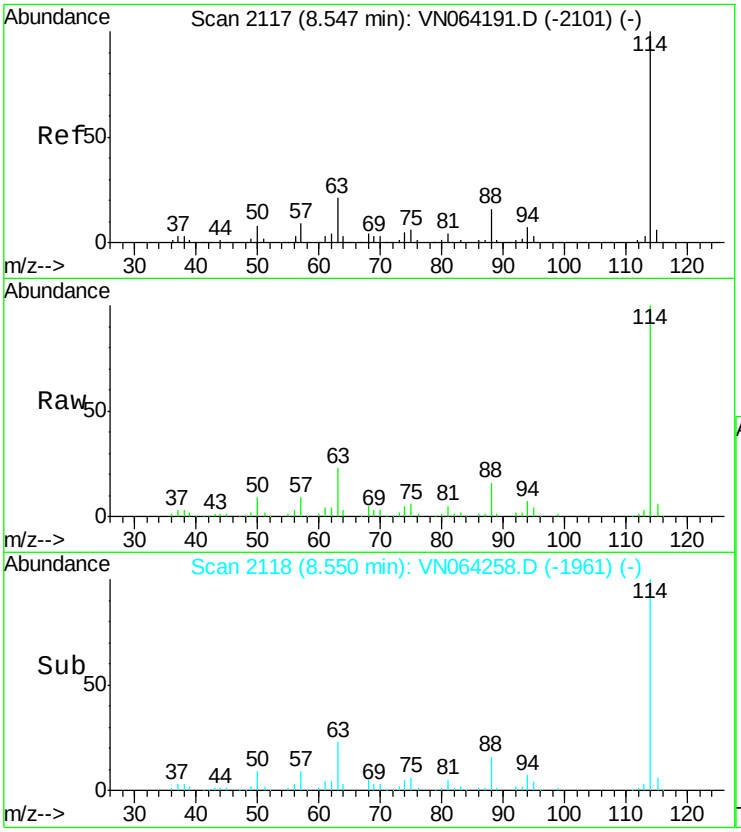


#27
1,2-Dichloroethane-d4
Concen: 34.153 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Tgt Ion: 65 Resp: 128830

Ion	Ratio	Lower	Upper
65	100		
67	49.6	39.8	59.6



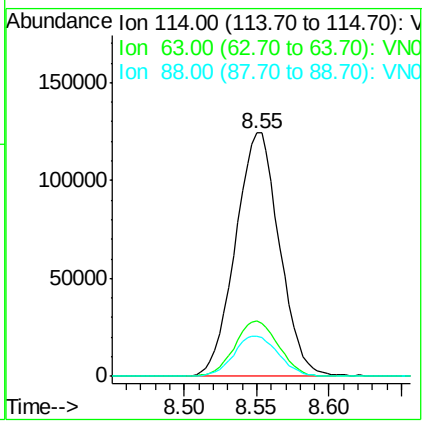


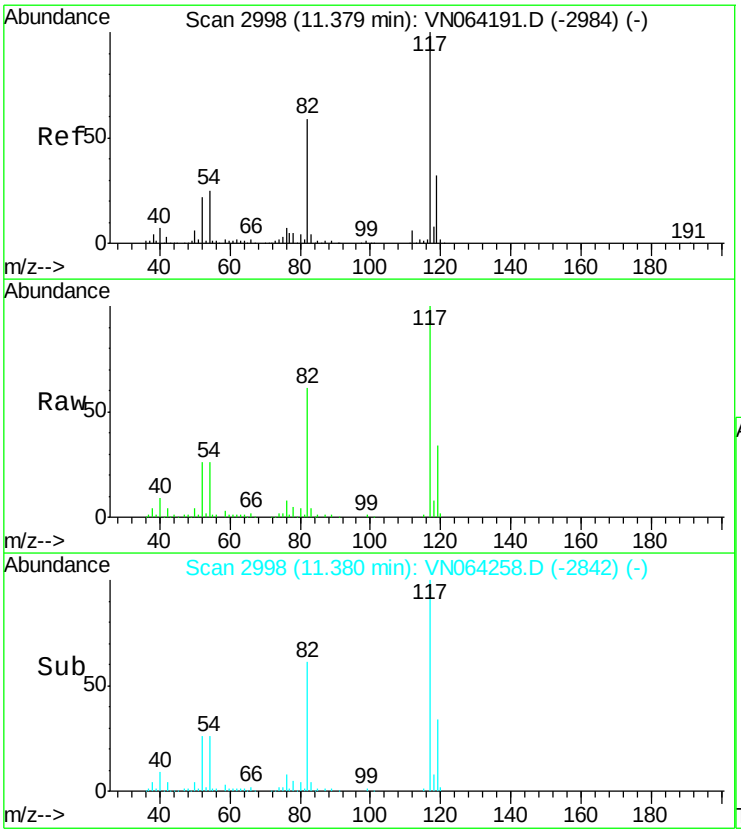
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL04

Tgt Ion:114 Resp: 262267

Ion	Ratio	Lower	Upper
114	100		
63	22.6	17.0	25.4
88	16.8	13.0	19.4

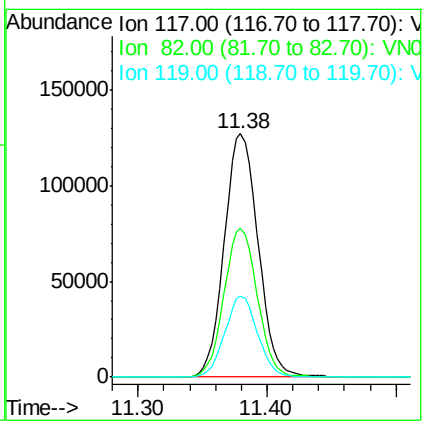


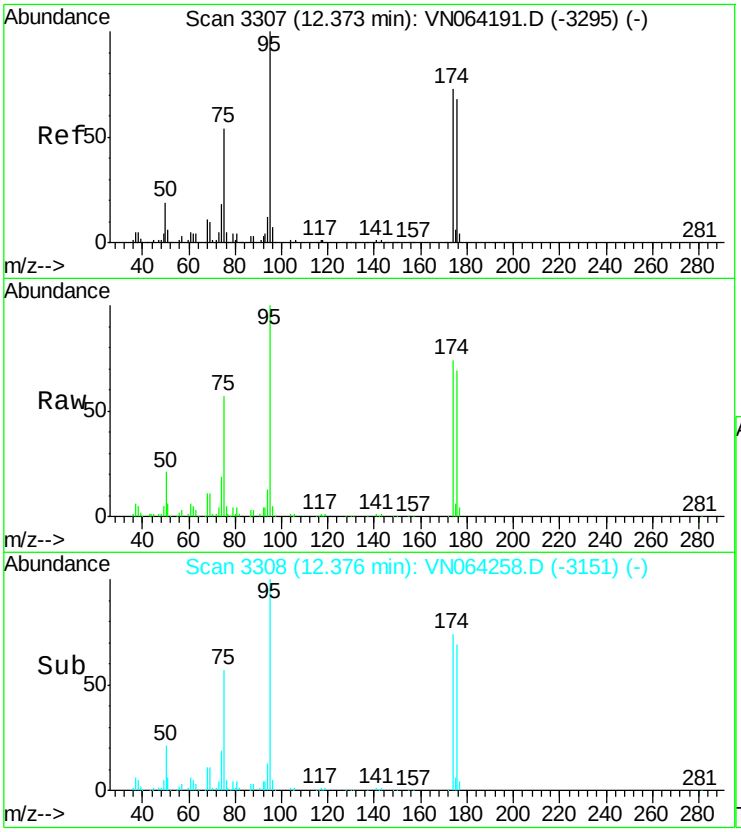


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Tgt Ion:117 Resp: 232257

Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.8	71.8
119	32.1	25.7	38.5



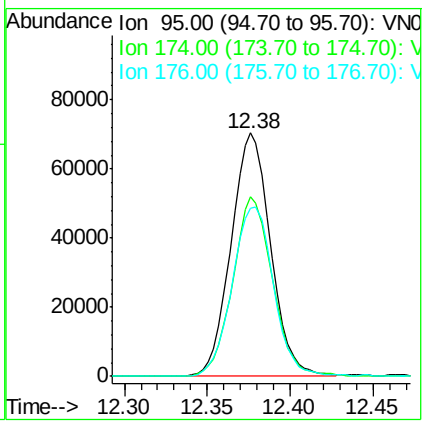


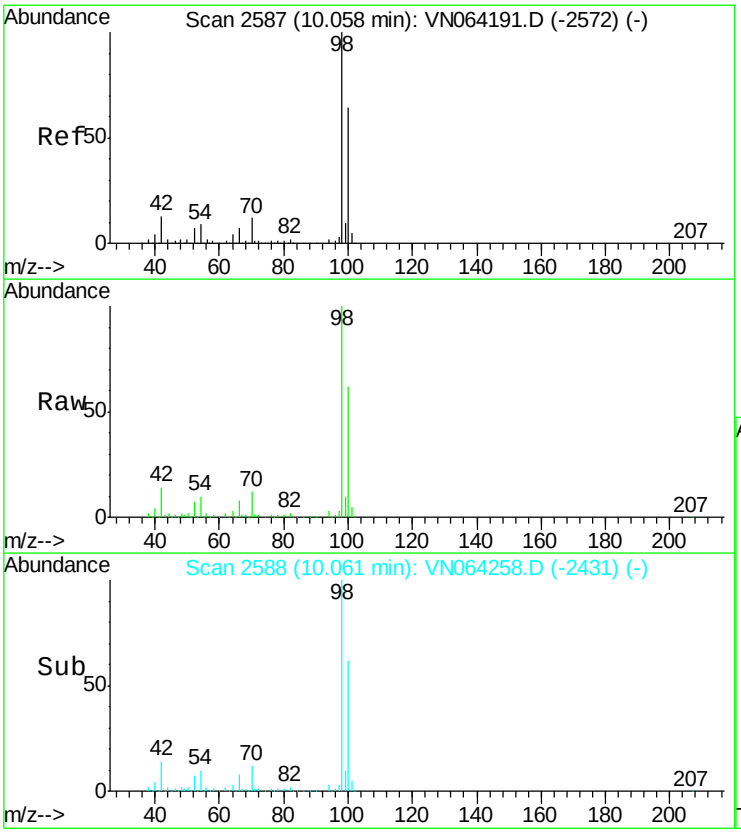
#60
4-Bromofluorobenzene
Concen: 28.026 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL04

Tgt Ion: 95 Resp: 116648

Ion	Ratio	Lower	Upper
95	100		
174	74.0	57.6	86.4
176	72.9	54.9	82.3





#63
Toluene-d8
Concen: 29.755 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064258.D
Acq: 22 Oct 2020 18:30

Tgt Ion: 98 Resp: 312874

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.2