Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102320\
Data File : VN064284.D
Acq On : 23 Oct 2020 11:56
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : IBLK

Quant Time: Oct 23 19:09:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 23 12:07:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	54720	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	309838	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	267685	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	143771	29.98	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 99.93%			
60) 4-Bromofluorobenzene	12.38	95	136929m	28.94	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.47%			
63) Toluene-d8	10.06	98	372641	31.17	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.90%			

Target Compounds	Qvalue

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

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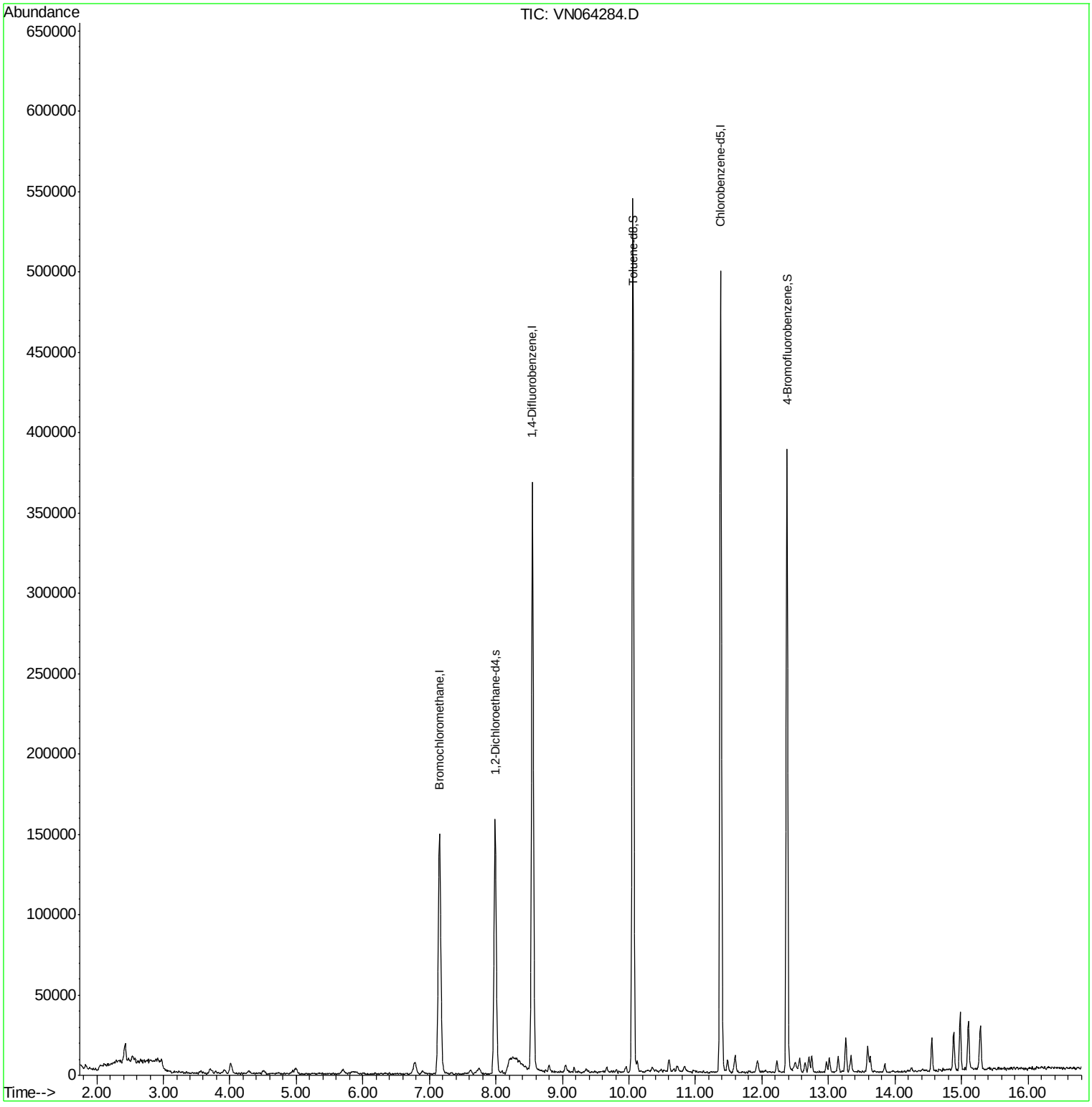
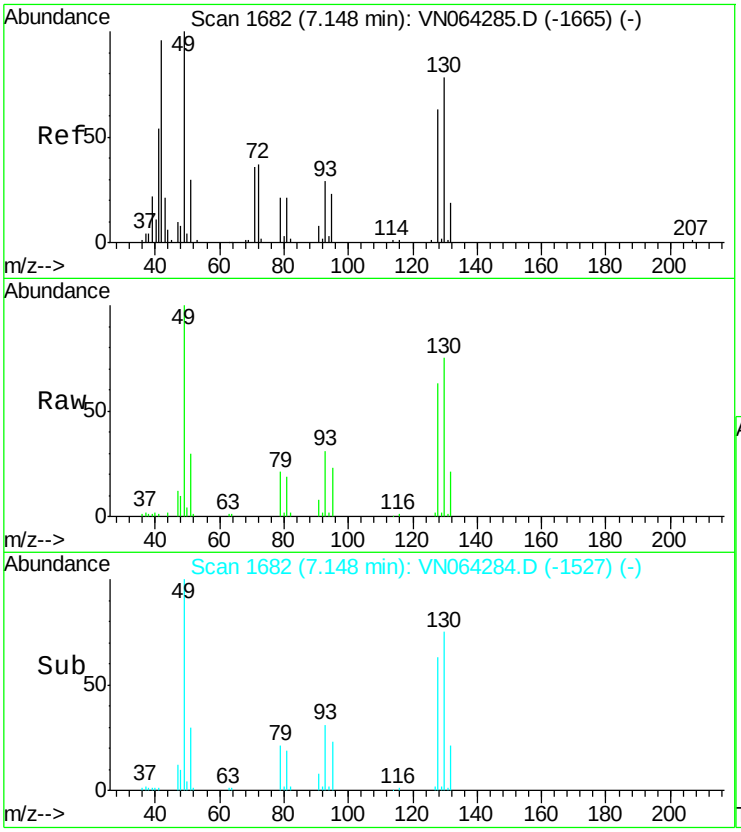


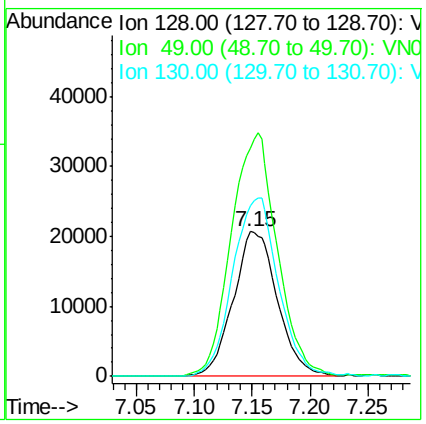


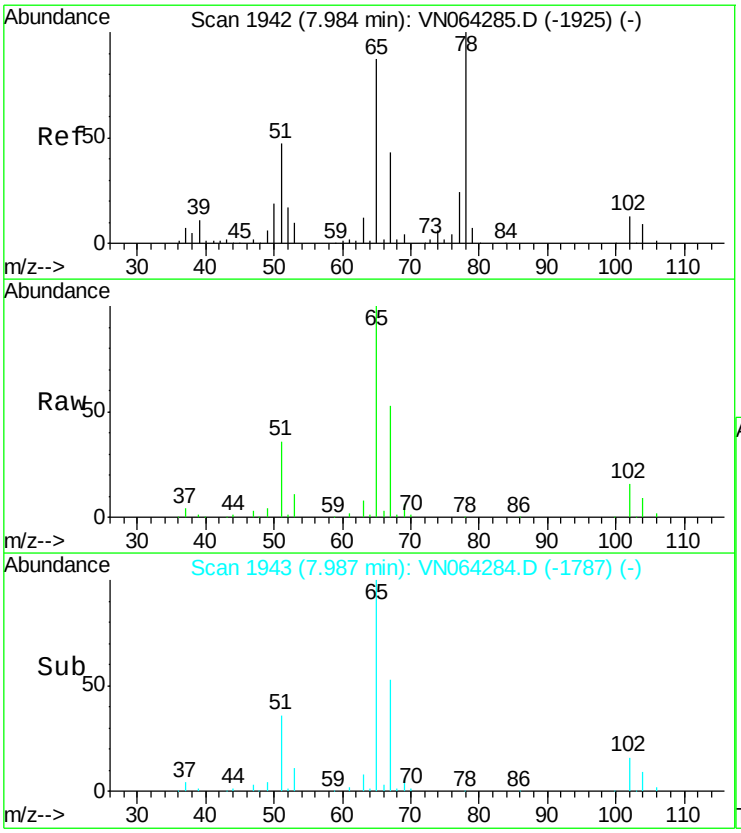
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN064284.D
Acq: 23 Oct 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 54720

Ion	Ratio	Lower	Upper
128	100		
49	174.4	0.0	445.0
130	127.9	0.0	320.2

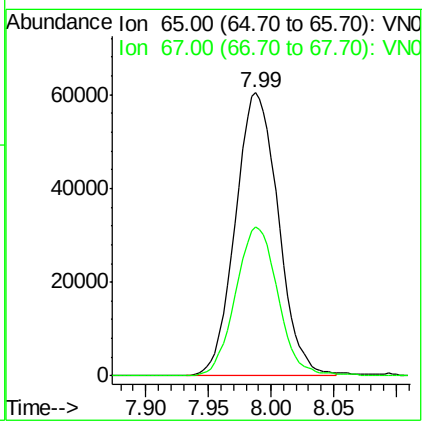


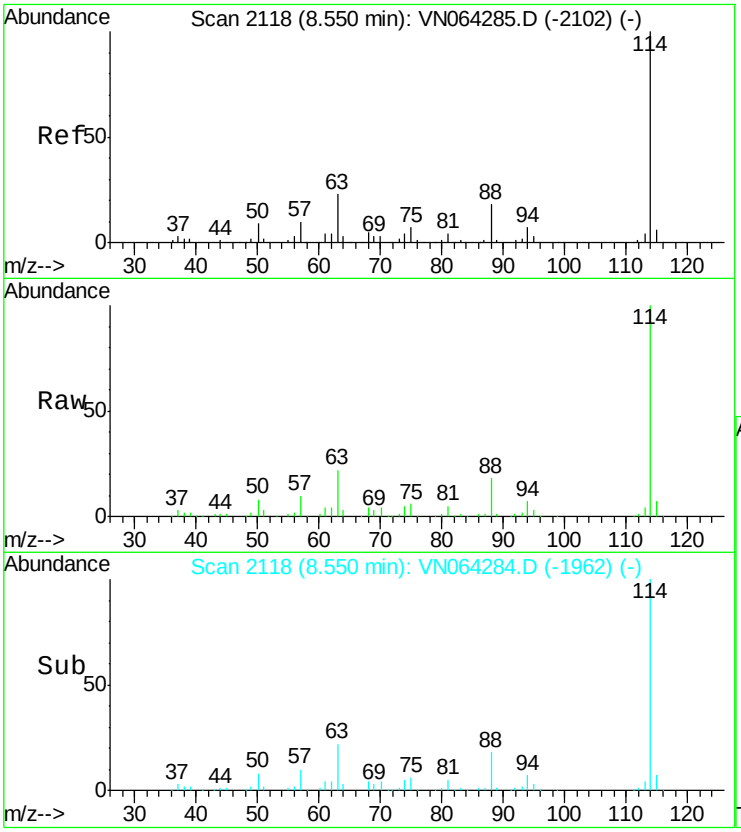


#27
1,2-Dichloroethane-d4
Concen: 29.977 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064284.D
Acq: 23 Oct 2020 11:56

Tgt Ion: 65 Resp: 143771

Ion	Ratio	Lower	Upper
65	100		
67	52.1	38.4	57.6



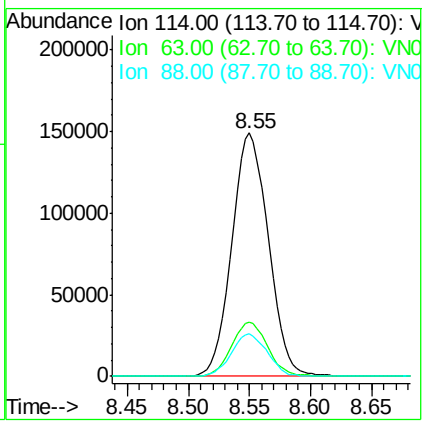


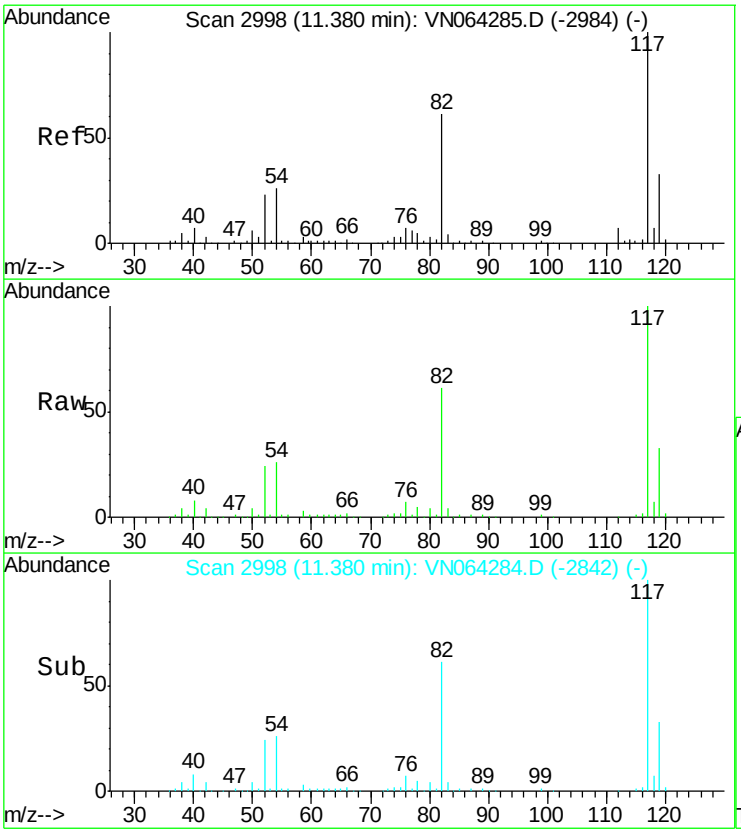
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064284.D
Acq: 23 Oct 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 309838

Ion	Ratio	Lower	Upper
114	100		
63	22.0	17.8	26.8
88	17.1	13.8	20.8

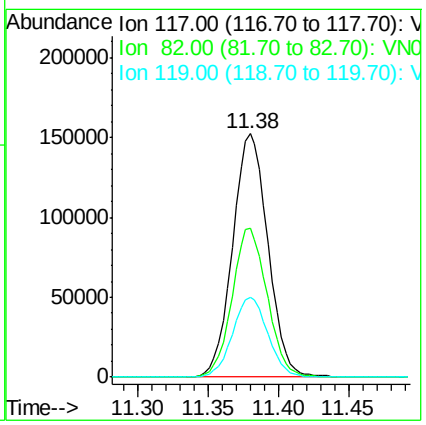


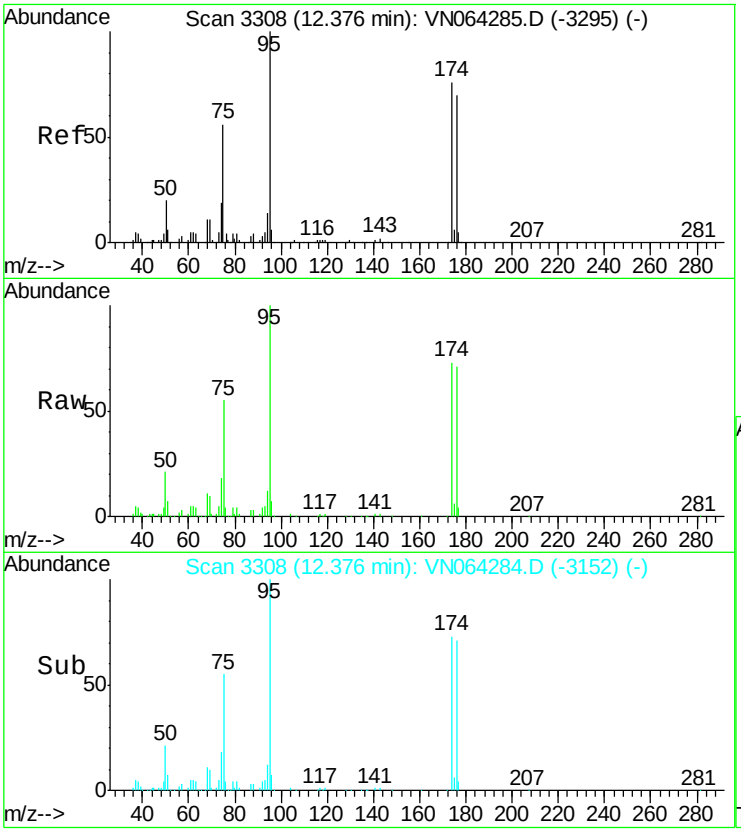


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064284.D
Acq: 23 Oct 2020 11:56

Tgt Ion:117 Resp: 267685

Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.0	70.6
119	32.9	24.6	37.0



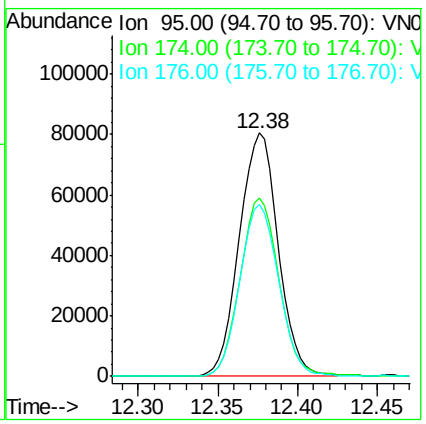


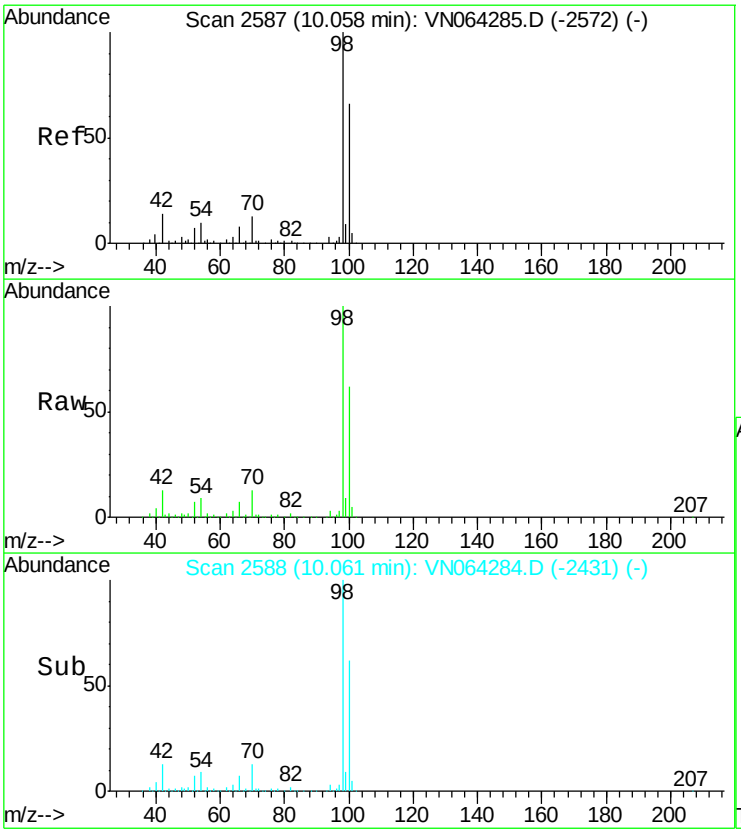
#60
4-Bromofluorobenzene
Concen: 28.941 ug/l m
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064284.D
Acq: 23 Oct 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 136929

Ion	Ratio	Lower	Upper
95	100		
174	0.0	57.9	86.9#
176	0.0	56.7	85.1#





#63
Toluene-d8
Concen: 31.166 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064284.D
Acq: 23 Oct 2020 11:56

Tgt Ion: 98 Resp: 372641

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5