Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072020\
Data File : VN062561.D
Acq On : 20 Jul 2020 14:52
Operator : JC/MD
Sample : L3357-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 55-ST-28

Quant Time: Jul 21 01:30:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	36491	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	189658	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	174266	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	94020	29.99	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.97%			
60) 4-Bromofluorobenzene	12.38	95	76499	25.80	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 86.00%			
63) Toluene-d8	10.06	98	242791	29.48	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.27%			

Target Compounds	Qvalue

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

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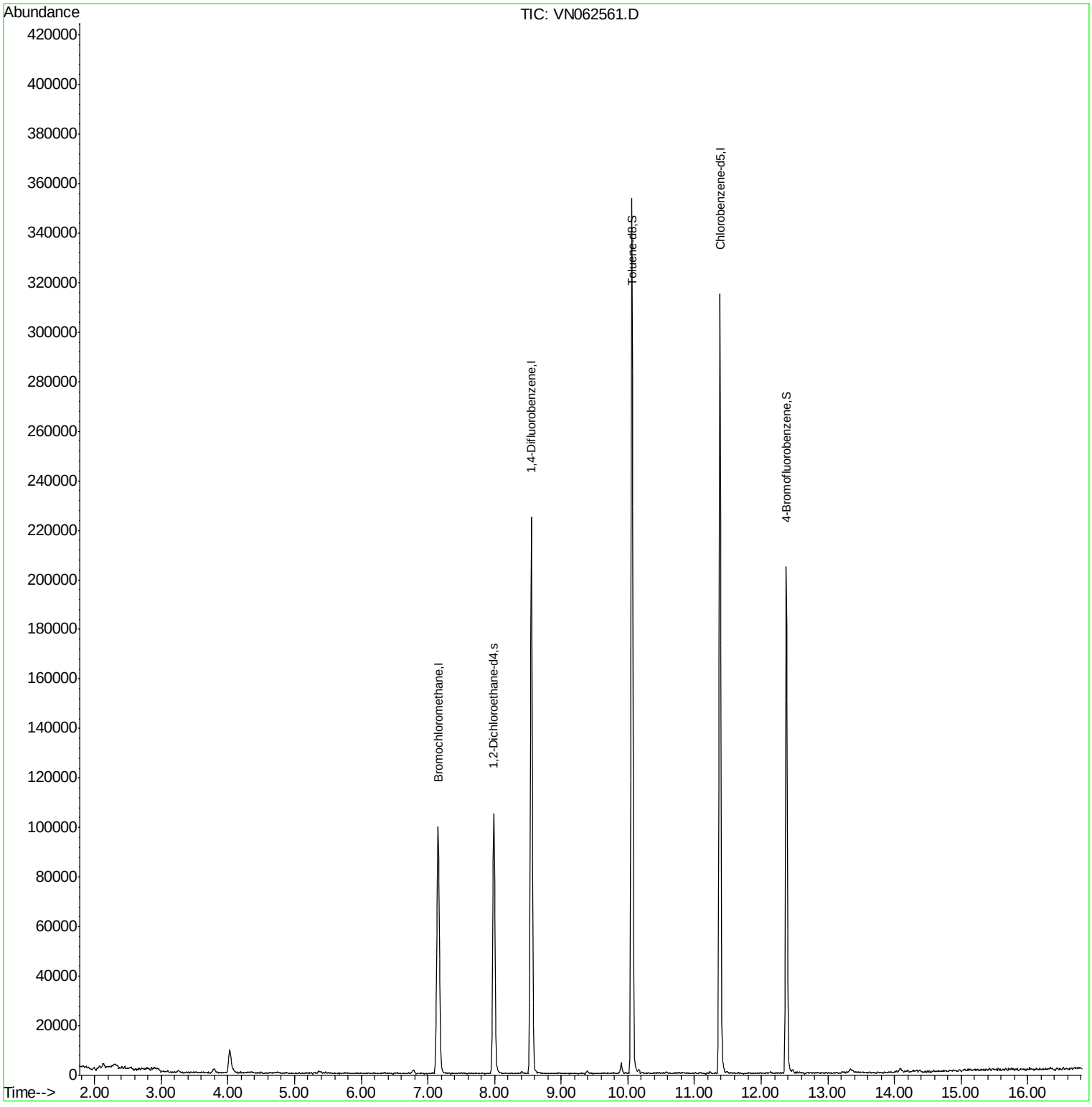
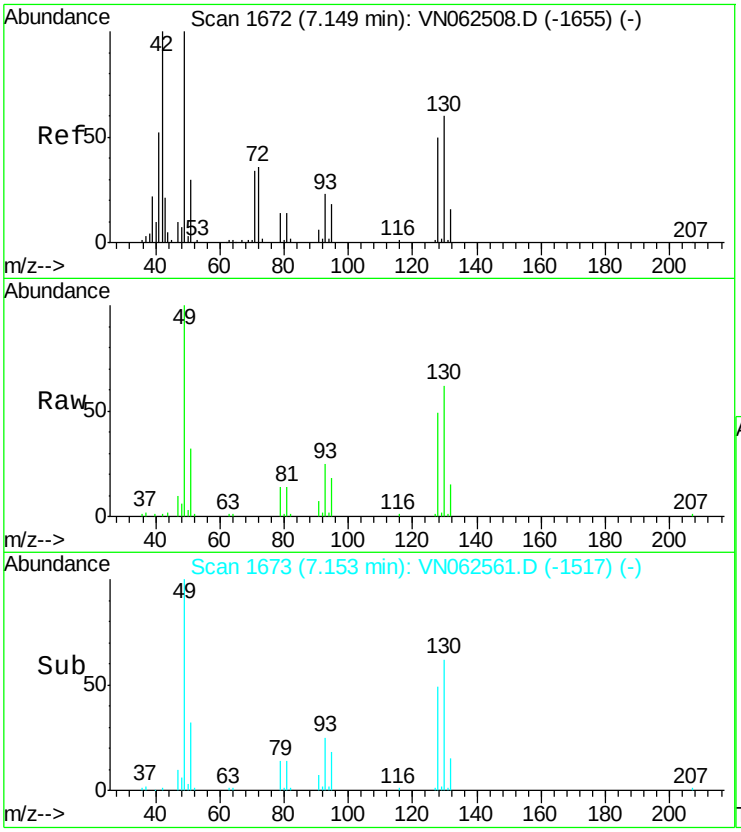


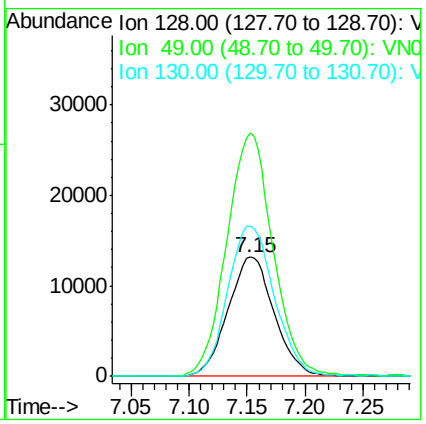


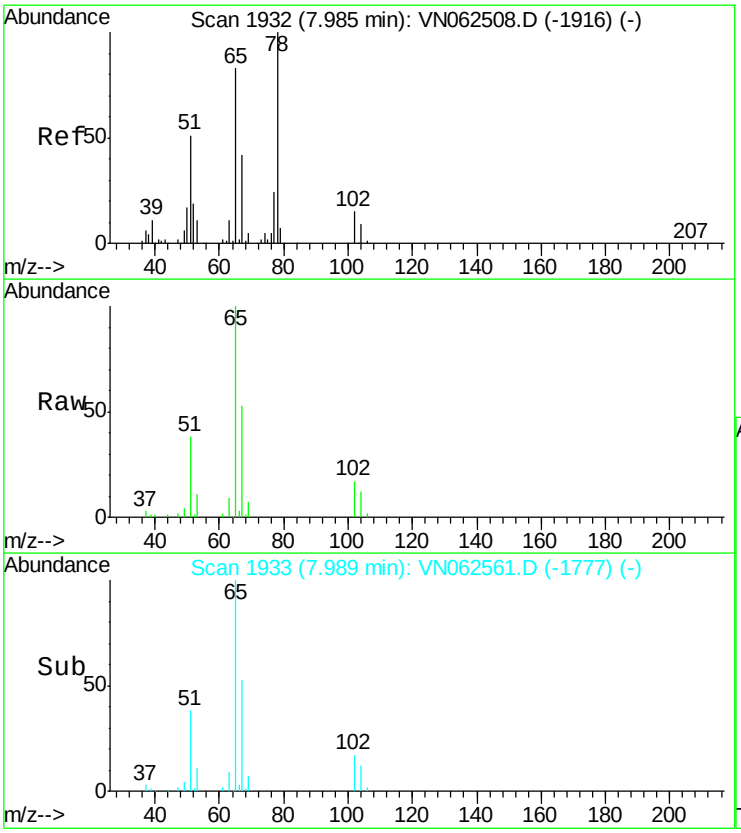
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN062561.D
Acq: 20 Jul 2020 14:52

Instrument :
MSVOA_N
ClientSampleId :
55-ST-28

Tgt Ion:128 Resp: 36491

Ion	Ratio	Lower	Upper
128	100		
49	204.0	0.0	525.0
130	127.5	0.0	319.8

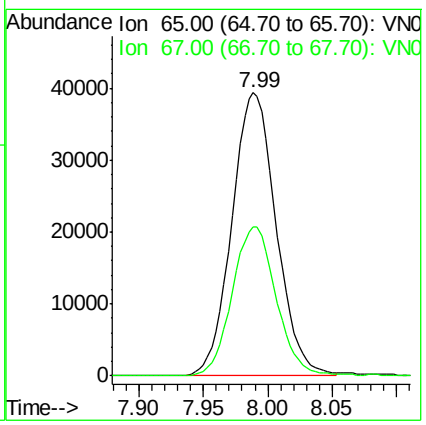


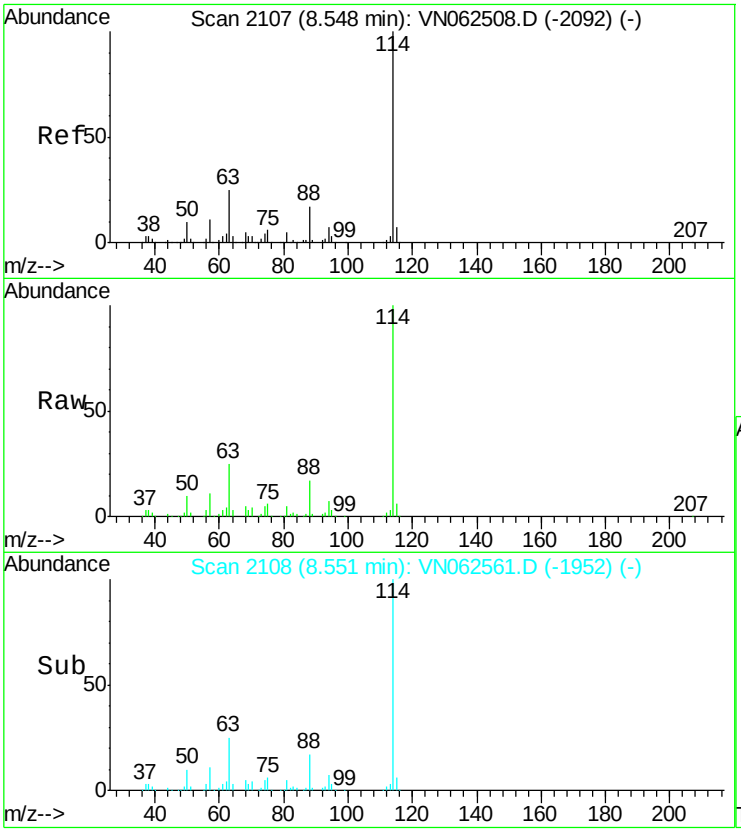


#27
1,2-Dichloroethane-d4
Concen: 29.992 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062561.D
Acq: 20 Jul 2020 14:52

Tgt Ion: 65 Resp: 94020

Ion	Ratio	Lower	Upper
65	100		
67	52.3	41.7	62.5



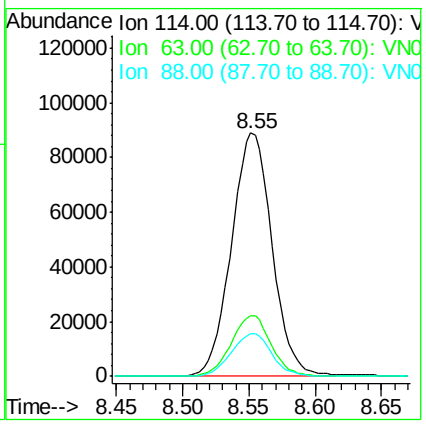


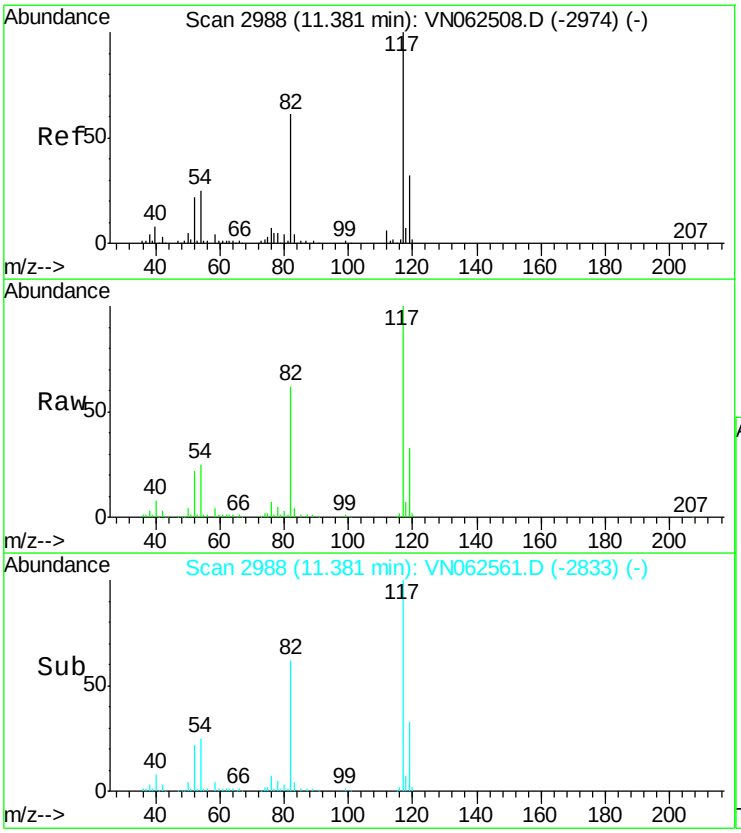
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062561.D
Acq: 20 Jul 2020 14:52

Instrument :
MSVOA_N
ClientSampleId :
55-ST-28

Tgt Ion:114 Resp: 189658

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.4	29.0
88	17.4	13.5	20.3

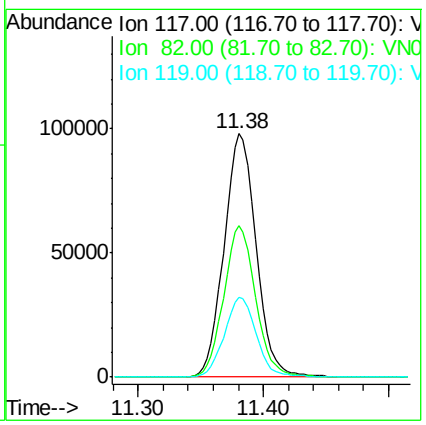


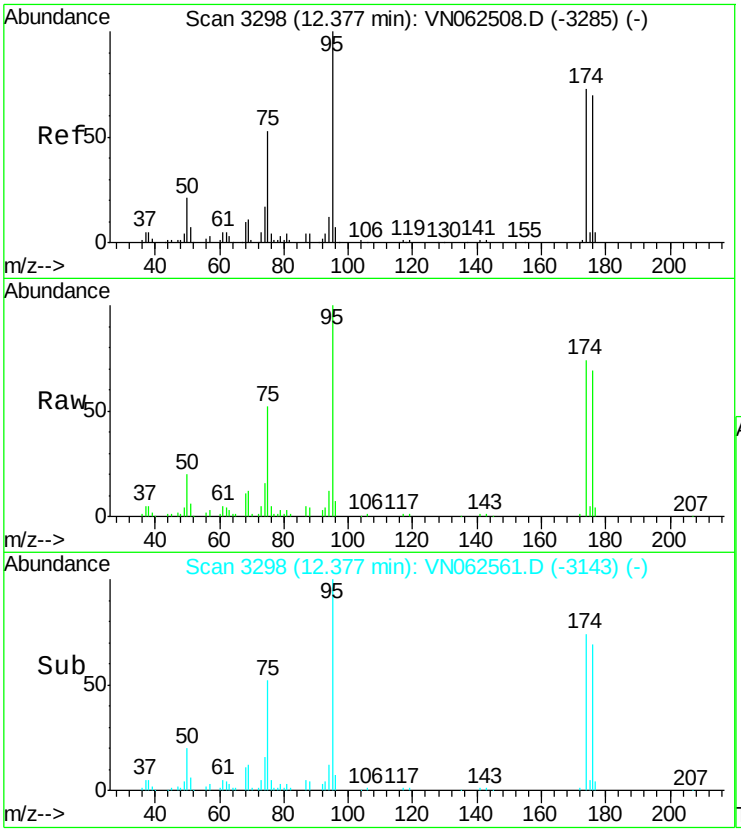


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062561.D
Acq: 20 Jul 2020 14:52

Tgt Ion:117 Resp: 174266

Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.0	73.6
119	32.5	25.6	38.4



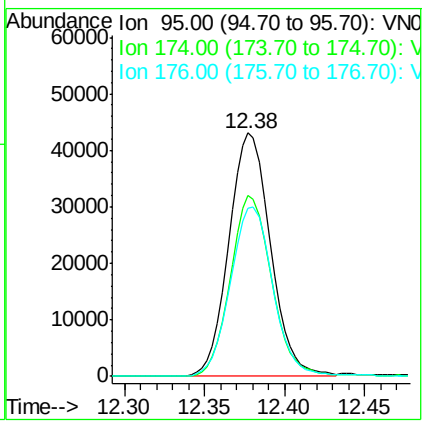


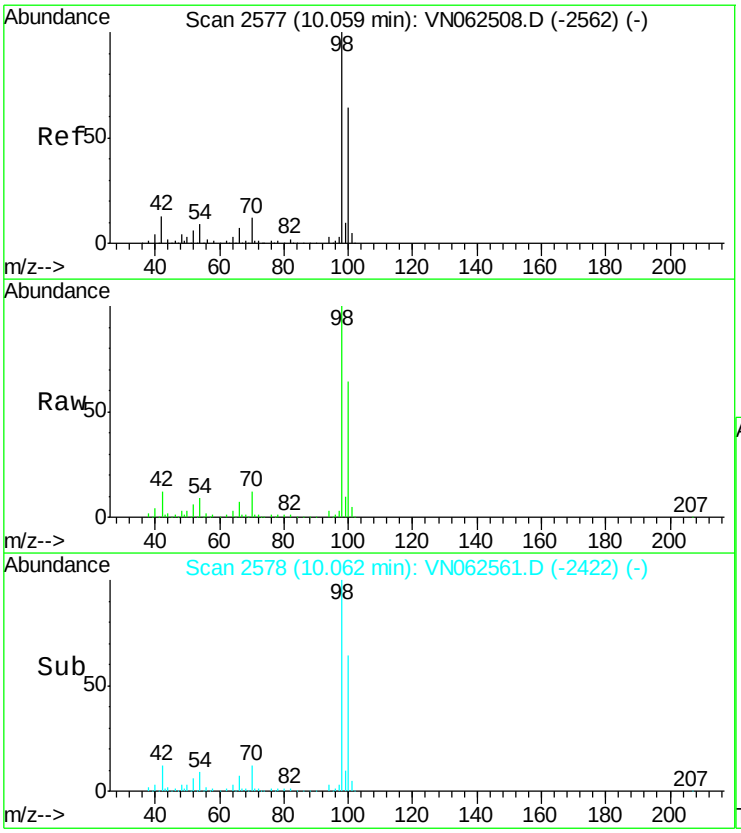
#60
4-Bromofluorobenzene
Concen: 25.795 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062561.D
Acq: 20 Jul 2020 14:52

Instrument : MSVOA_N
ClientSampleId : 55-ST-28

Tgt Ion: 95 Resp: 76499

Ion	Ratio	Lower	Upper
95	100		
174	73.6	57.5	86.3
176	71.1	56.3	84.5





#63
Toluene-d8
Concen: 29.484 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN062561.D
Acq: 20 Jul 2020 14:52

Tgt Ion: 98 Resp: 242791

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.4	75.6