Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090519\
Data File : VN057695.D
Acq On : 5 Sep 2019 10:53
Operator : JC/SP
Sample : VN0905WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0905WBL01

Quant Time: Sep 06 01:35:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58422	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	340304	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	241324	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	187028	30.11	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.37%			
60) 4-Bromofluorobenzene	12.40	95	77170	18.72	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 62.40%			
63) Toluene-d8	10.09	98	410615	35.34	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 117.80%			
Target Compounds						Qvalue

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

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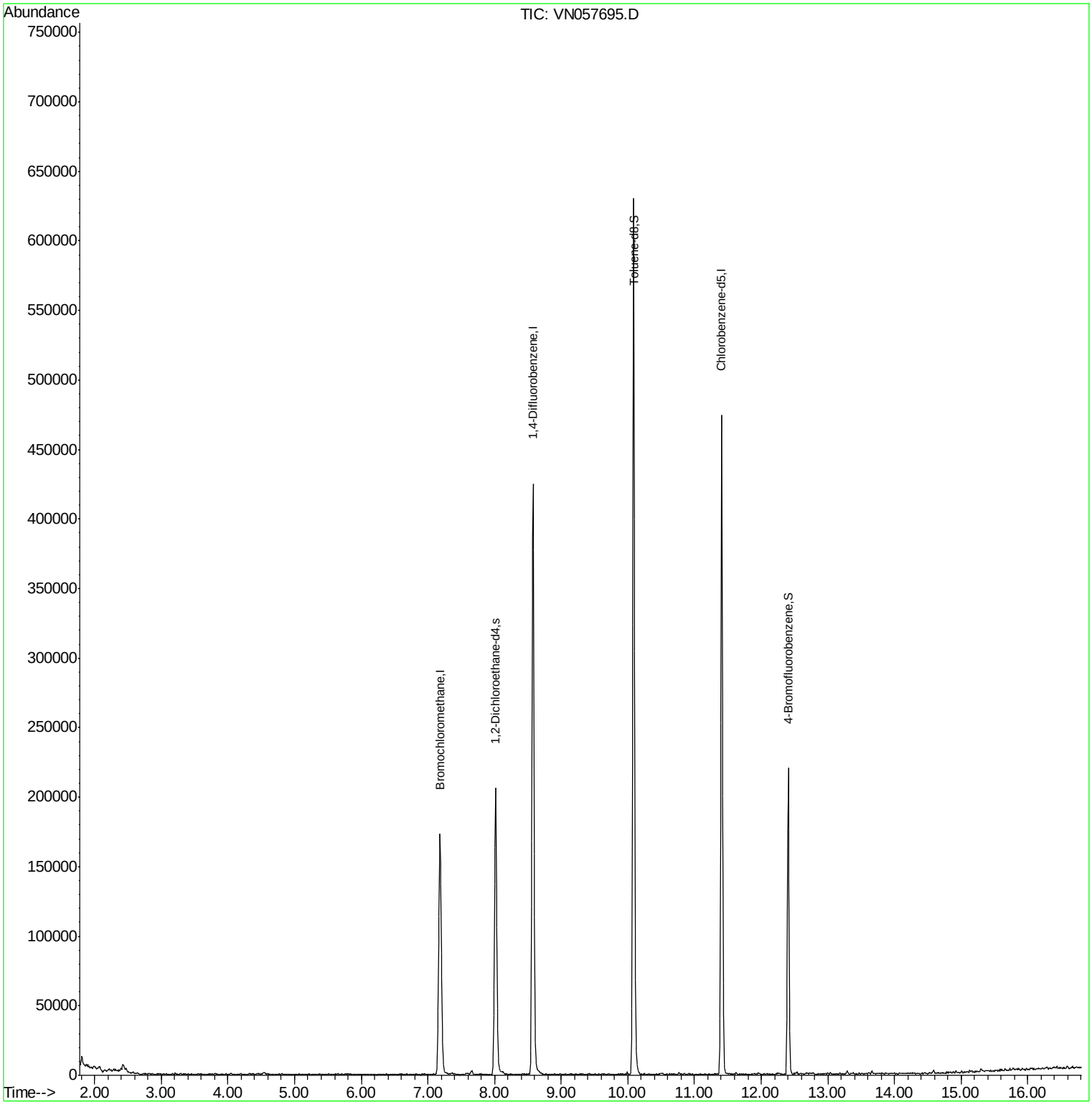
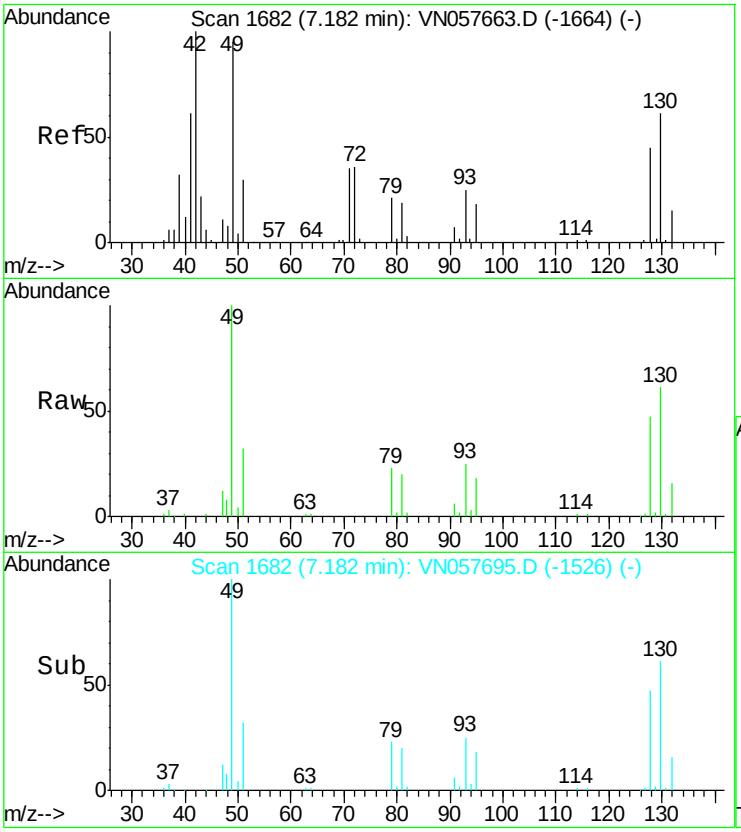


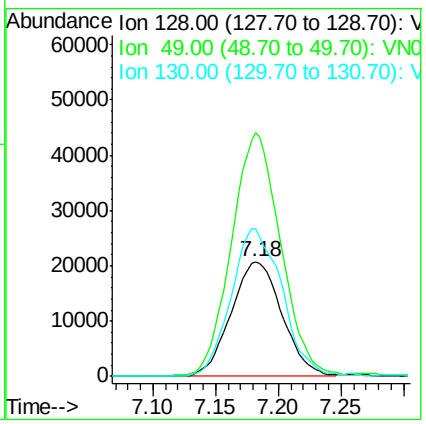


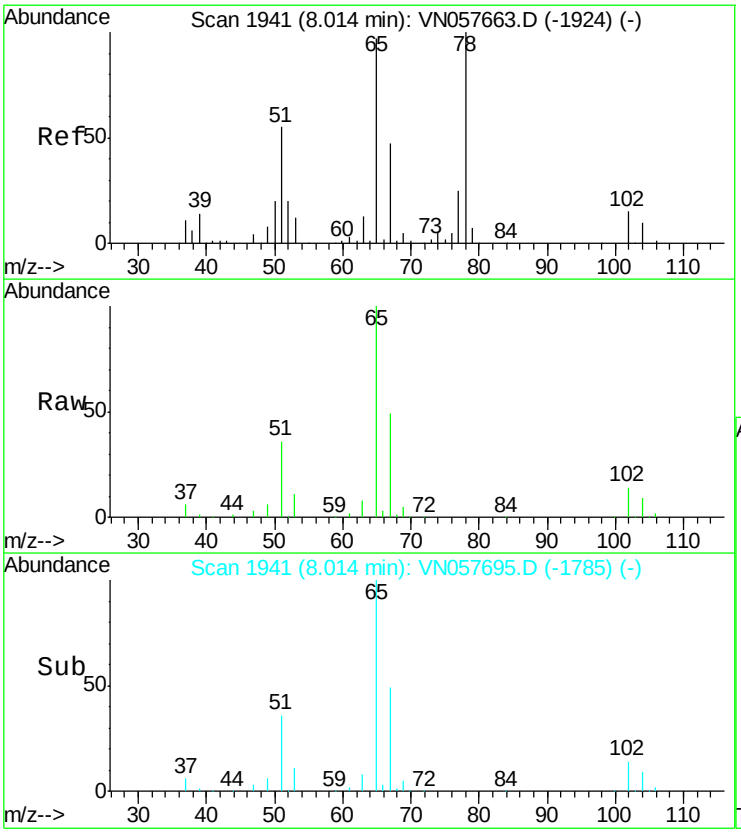
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

Tgt Ion:128 Resp: 58422

Ion	Ratio	Lower	Upper
128	100		
49	204.3	0.0	544.5
130	128.7	0.0	324.7

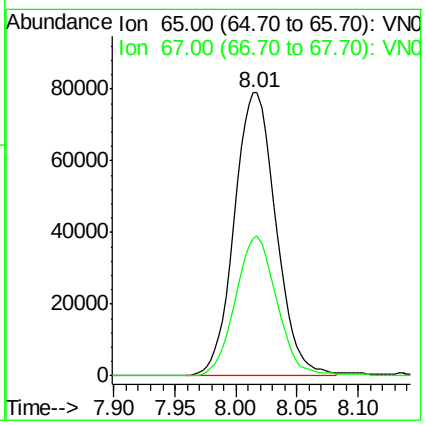


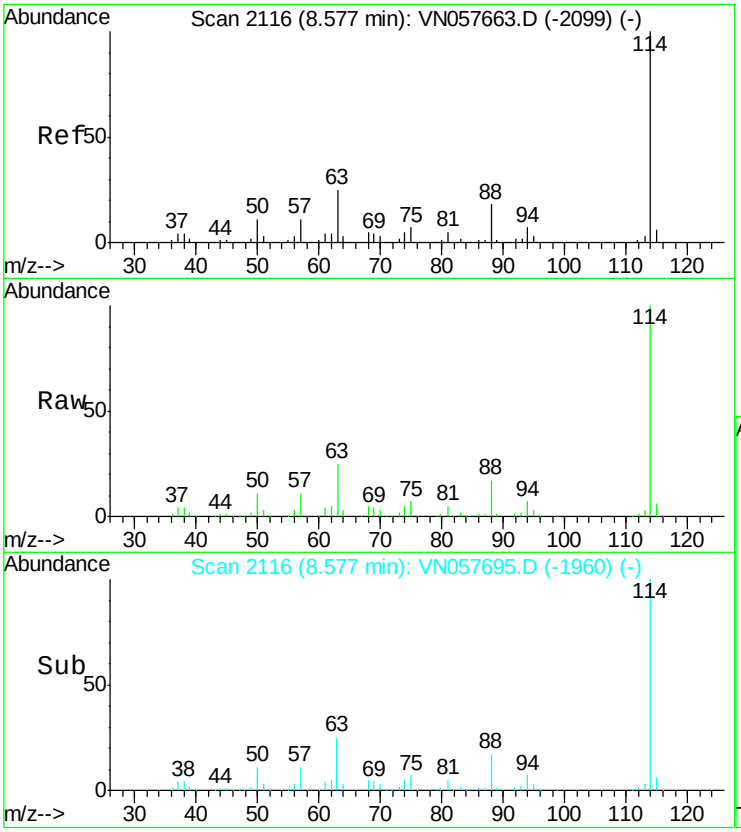


#27
1,2-Dichloroethane-d4
Concen: 30.115 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Tgt Ion: 65 Resp: 187028

Ion	Ratio	Lower	Upper
65	100		
67	48.8	38.6	57.8



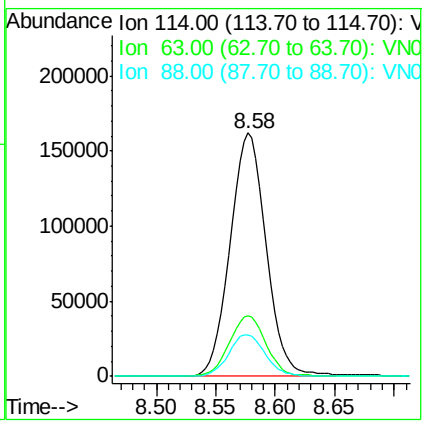


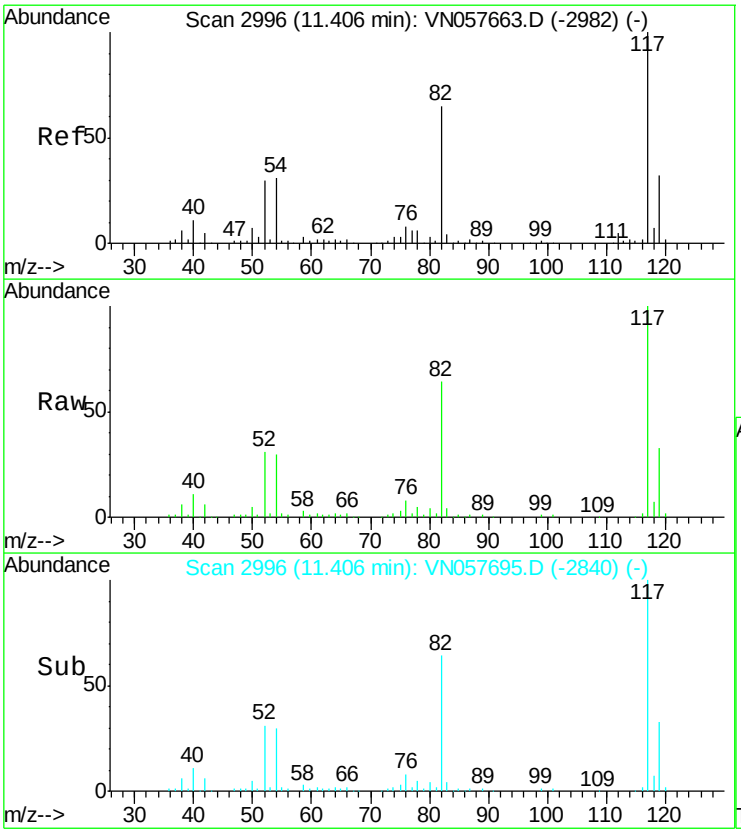
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

Tgt Ion:114 Resp: 340304

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.6	30.8
88	17.4	14.3	21.5

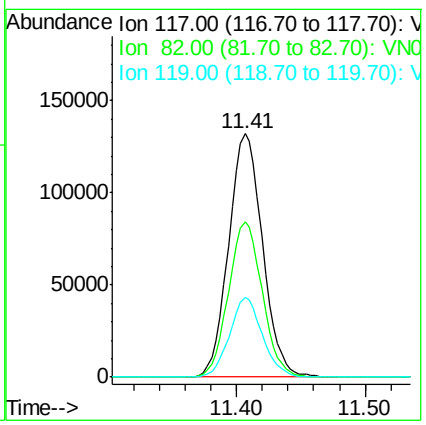


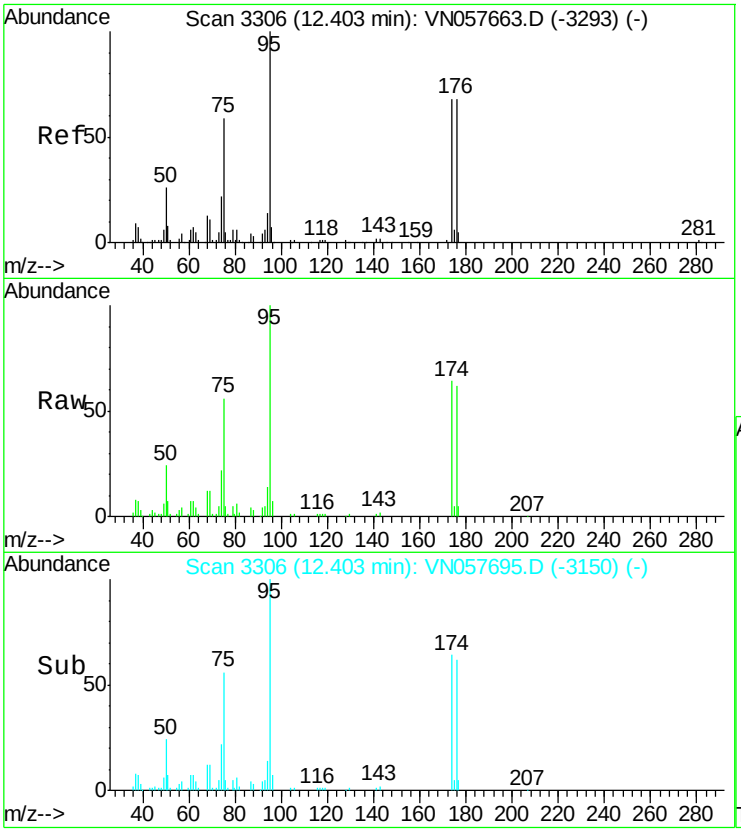


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Tgt Ion:117 Resp: 241324

Ion	Ratio	Lower	Upper
117	100		
82	63.4	51.2	76.8
119	31.8	25.8	38.6



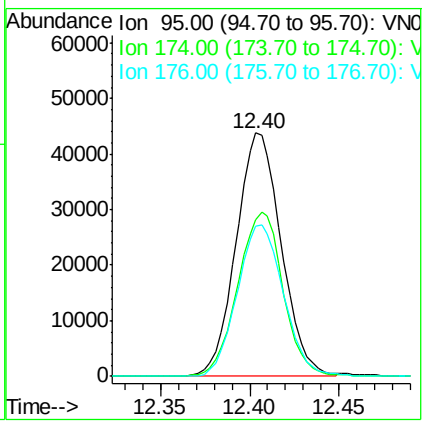


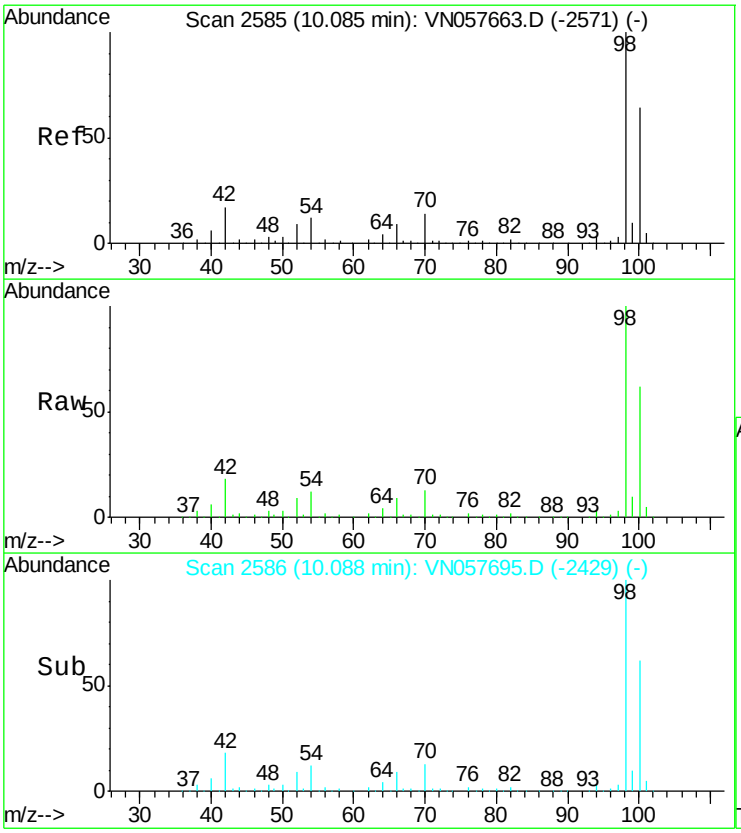
#60
4-Bromofluorobenzene
Concen: 18.718 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBL01

Tgt Ion: 95 Resp: 77170

Ion	Ratio	Lower	Upper
95	100		
174	67.5	55.0	82.6
176	63.9	53.7	80.5





#63
Toluene-d8
Concen: 35.335 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057695.D
Acq: 5 Sep 2019 10:53

Tgt Ion: 98 Resp: 410615

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.0	76.6