Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052419\
Data File : VN055807.D
Acq On : 24 May 2019 19:53
Operator : JC/SP
Sample : K3024-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SPDES-1

Quant Time: May 28 10:54:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N052219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59614	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	310642	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	249243	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	113059	29.02	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.73%			
60) 4-Bromofluorobenzene	12.40	95	91805	23.68	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 78.93%			
63) Toluene-d8	10.09	98	360532	31.65	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 105.50%			

Target Compounds	Qvalue

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

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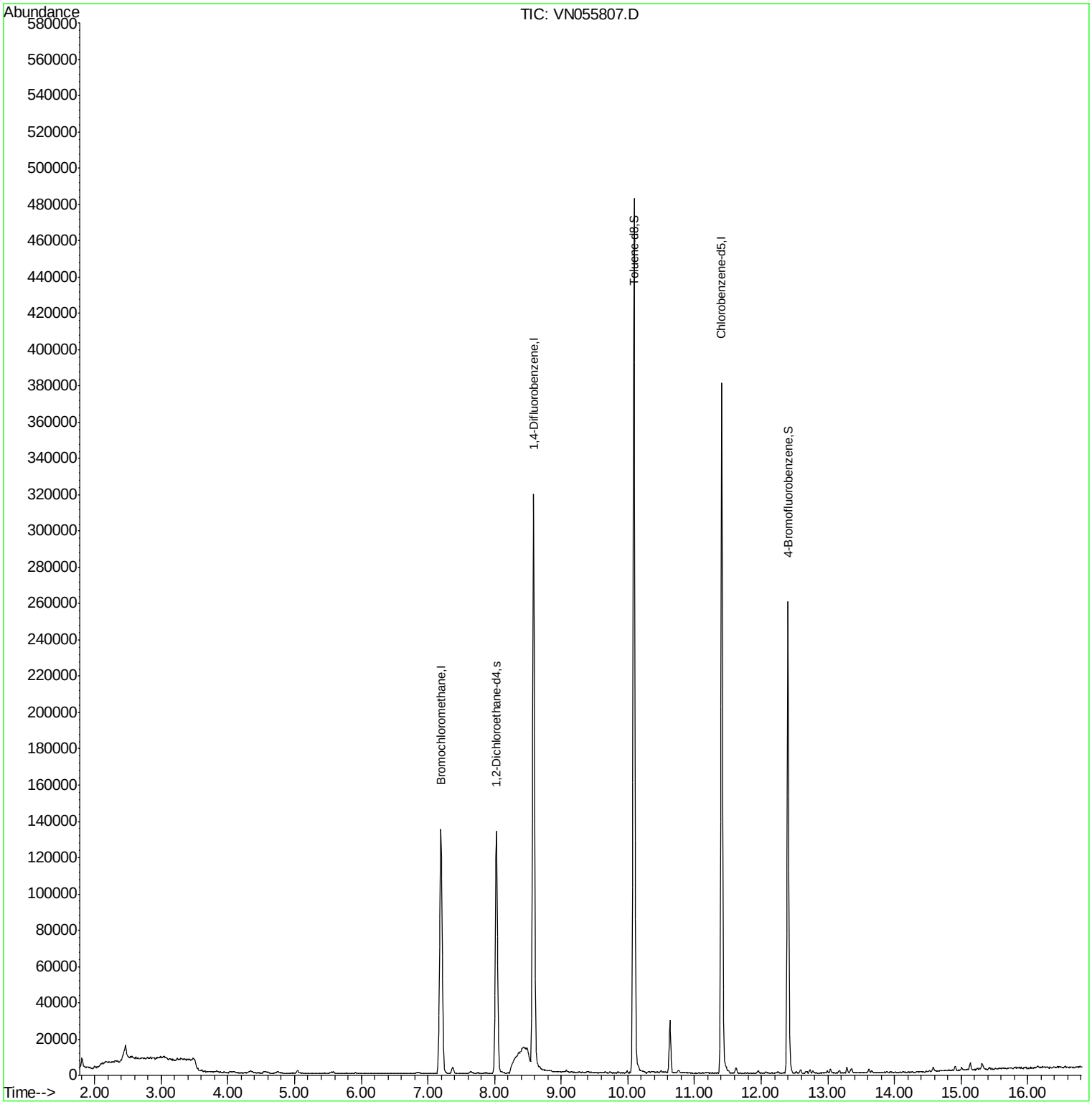
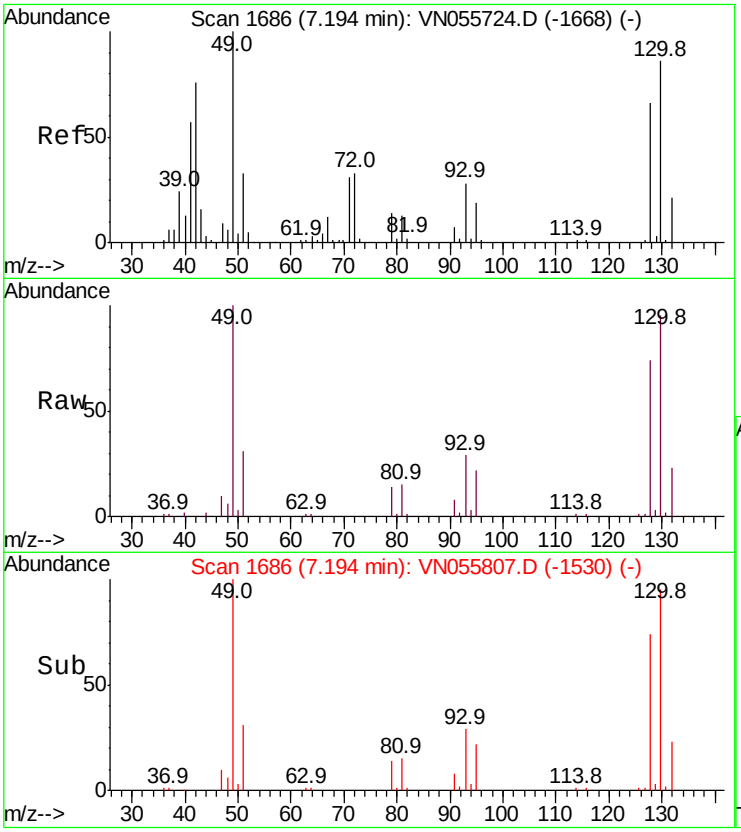


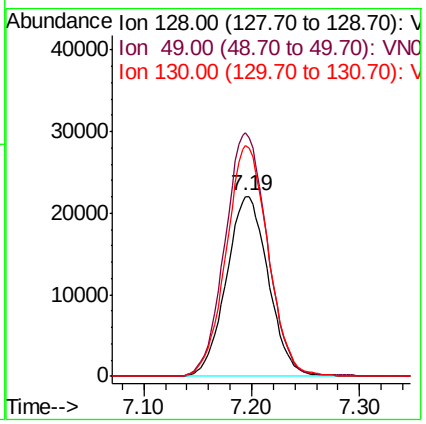


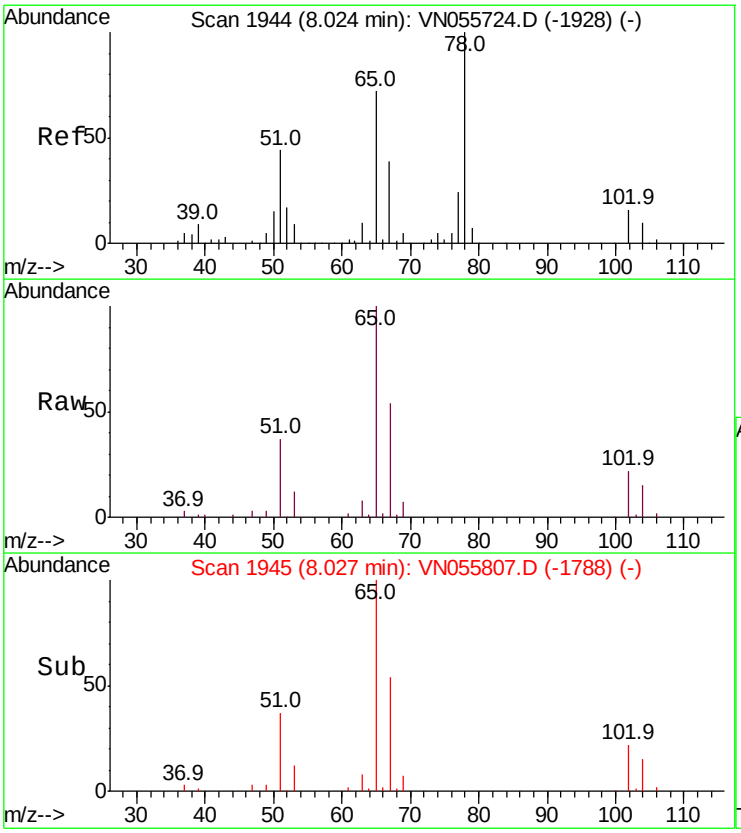
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN055807.D
Acq: 24 May 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion:128 Resp: 59614

Ion	Ratio	Lower	Upper
128	100		
49	136.2	0.0	383.2
130	128.4	0.0	326.3

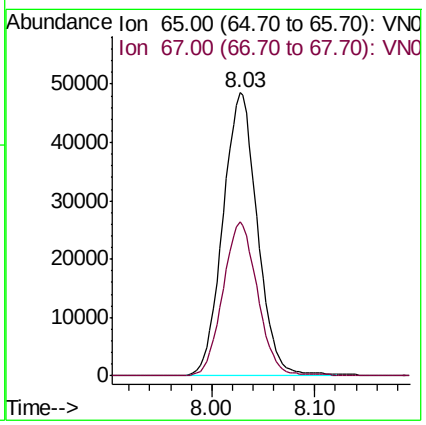


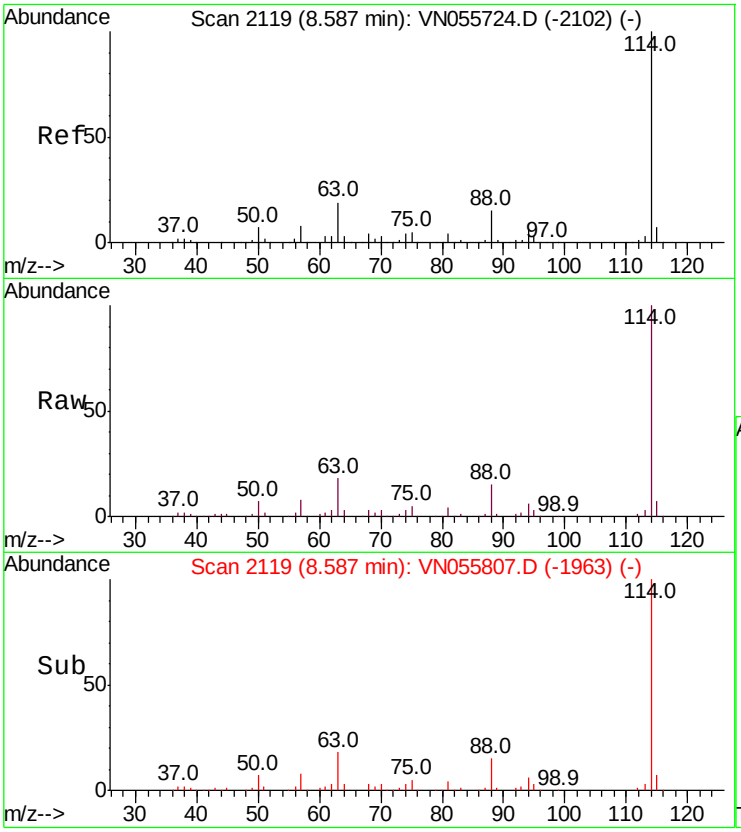


#27
1,2-Dichloroethane-d4
Concen: 29.015 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055807.D
Acq: 24 May 2019 19:53

Tgt Ion: 65 Resp: 113059

Ion	Ratio	Lower	Upper
65	100		
67	54.3	43.5	65.3



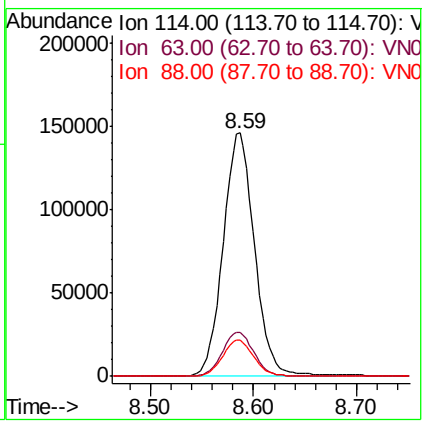


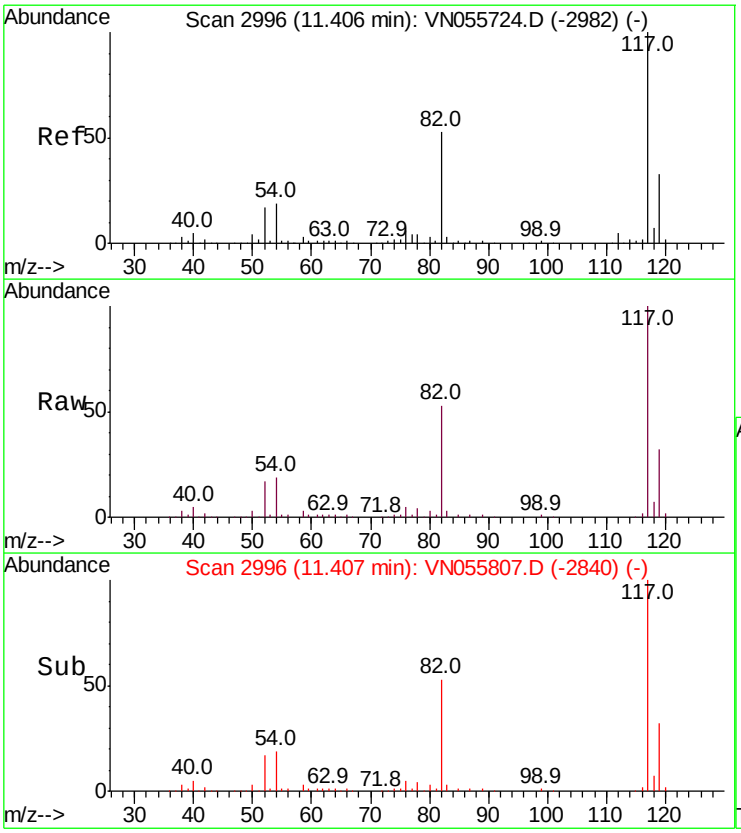
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055807.D
Acq: 24 May 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion:114 Resp: 310642

Ion	Ratio	Lower	Upper
114	100		
63	18.3	15.6	23.4
88	14.9	12.3	18.5

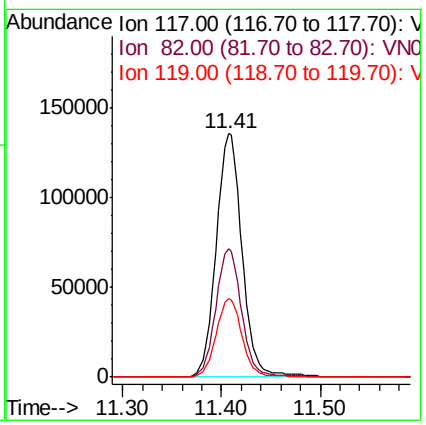


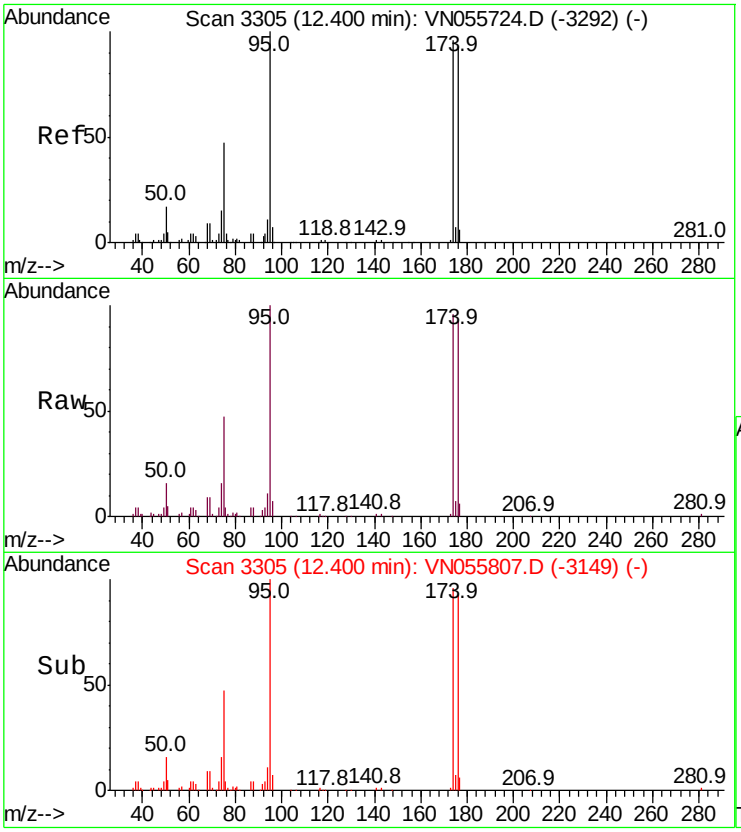


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055807.D
Acq: 24 May 2019 19:53

Tgt Ion:117 Resp: 249243

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	64.0
119	32.4	25.9	38.9



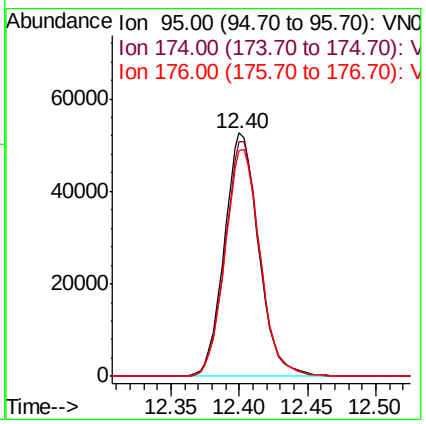


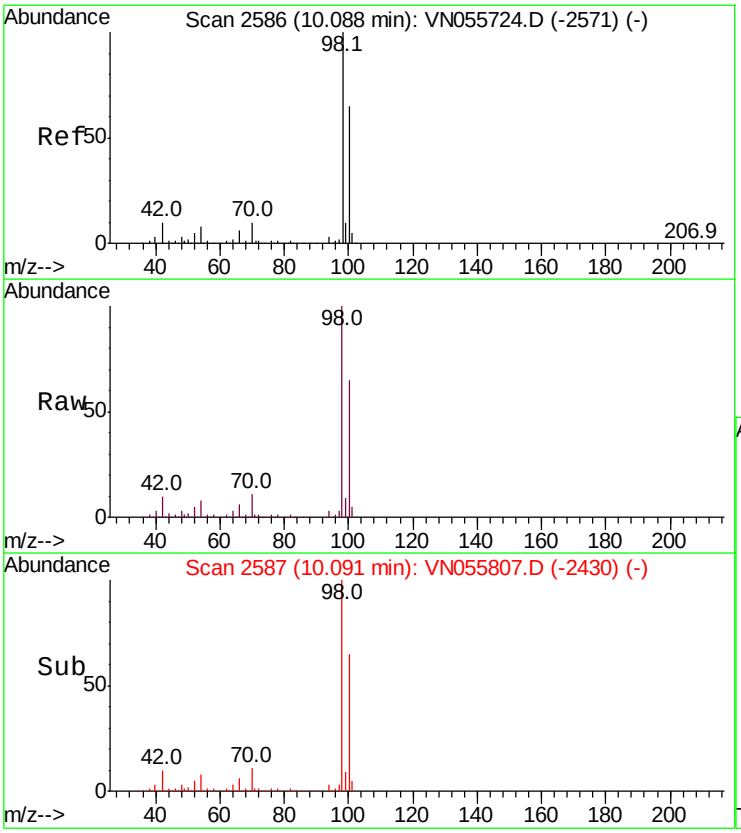
#60
4-Bromofluorobenzene
Concen: 23.678 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055807.D
Acq: 24 May 2019 19:53

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1

Tgt Ion: 95 Resp: 91805

Ion	Ratio	Lower	Upper
95	100		
174	97.3	75.7	113.5
176	95.0	74.1	111.1





#63
Toluene-d8
Concen: 31.653 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055807.D
Acq: 24 May 2019 19:53

Tgt Ion: 98 Resp: 360532

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.6	77.4