Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052019\
Data File : VN055677.D
Acq On : 20 May 2019 16:28
Operator : JC/SP
Sample : K2951-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 21 12:44:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	420117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	591408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	497063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	188880	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.02%			
35) Dibromofluoromethane	7.59	113	180715	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
50) Toluene-d8	10.09	98	682623	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.10%			
62) 4-Bromofluorobenzene	12.40	95	209896	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.58%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.04	73	13201	1.040	ug/l	100
67) Ethyl Benzene	11.51	91	24072	1.344	ug/l	99

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

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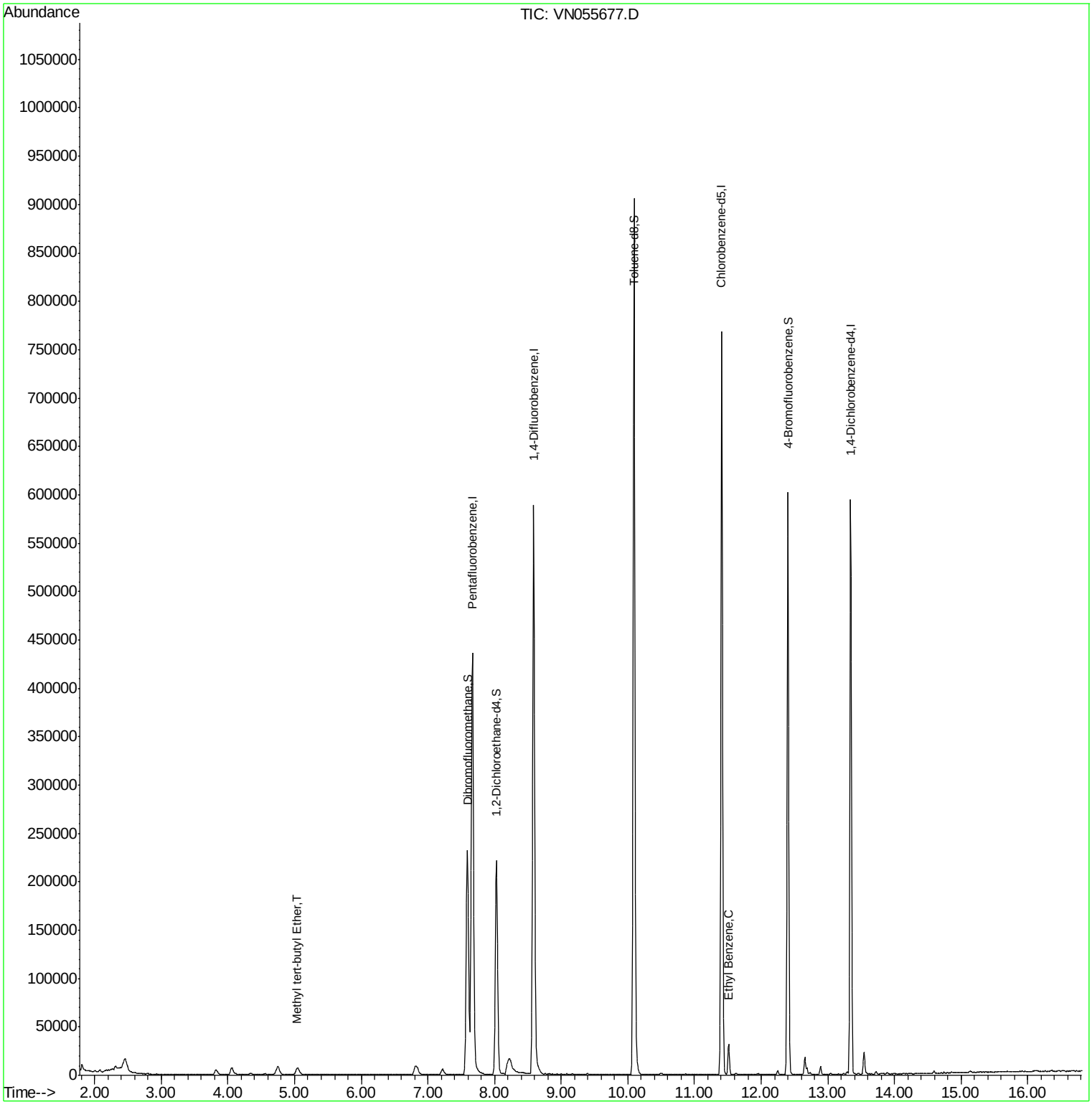
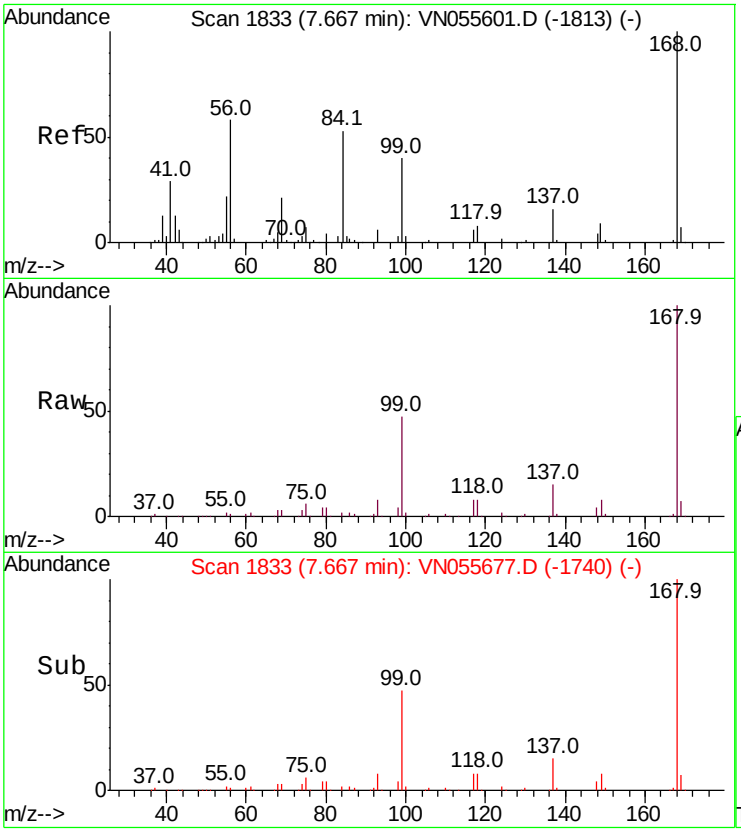
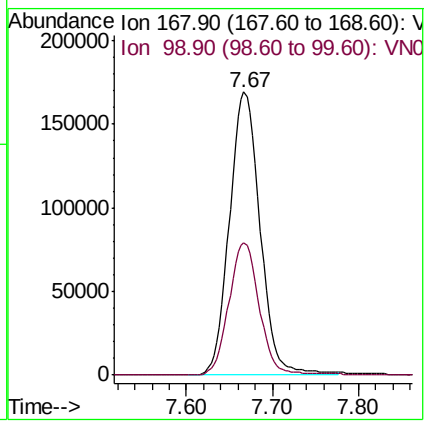


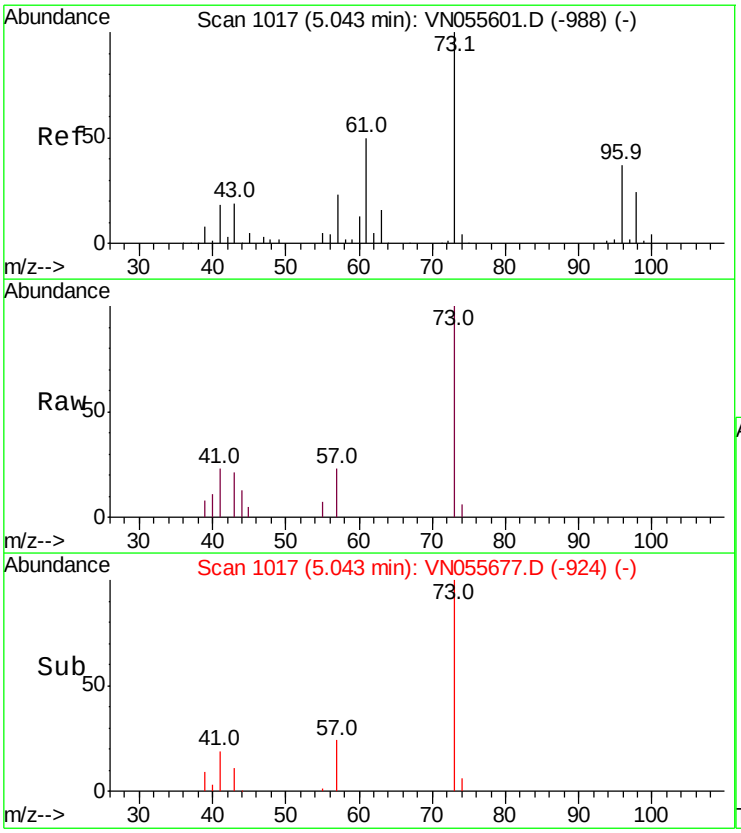


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion:168 Resp: 420117

Ion	Ratio	Lower	Upper
168	100		
99	46.6	40.2	60.2

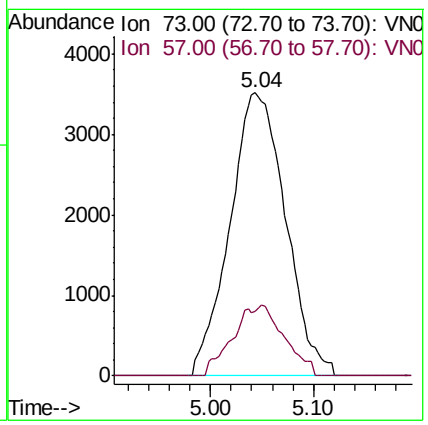


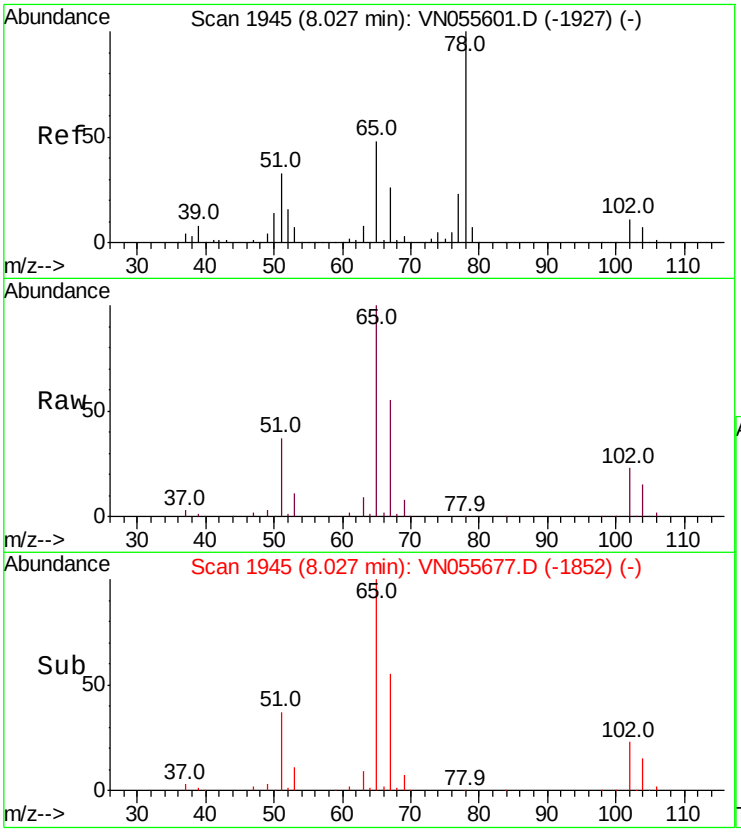


#19
Methyl tert-butyl Ether
Concen: 1.040 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion: 73 Resp: 13201

Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.2

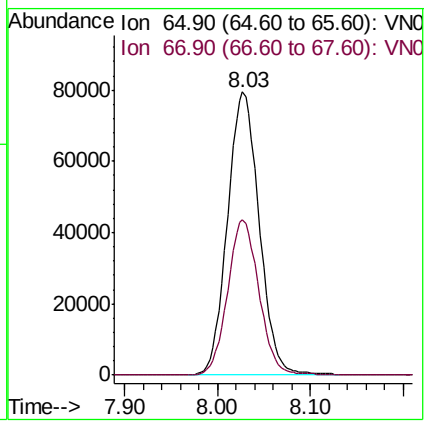


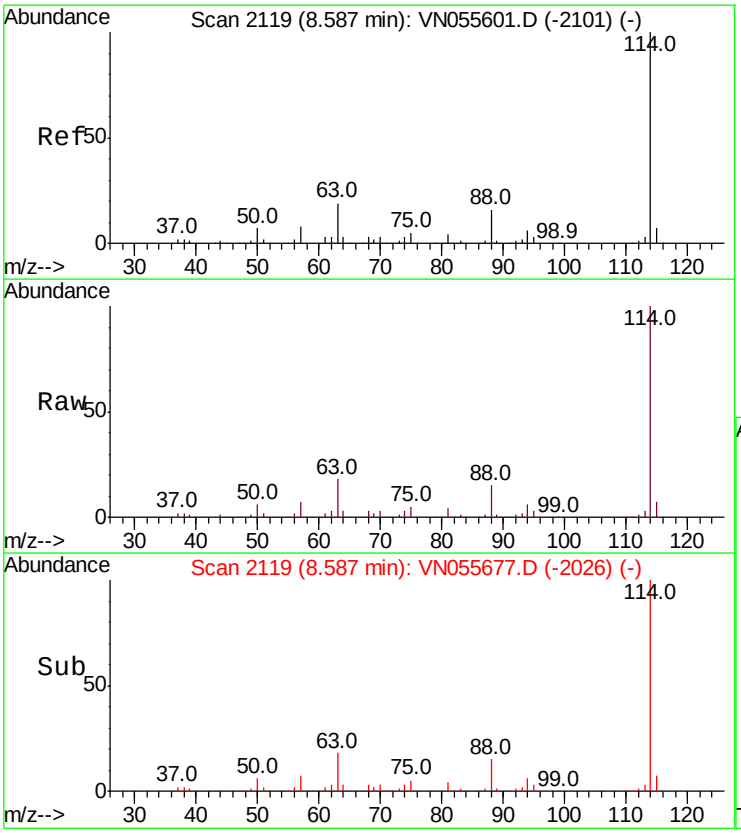


#33
1,2-Dichloroethane-d4
Concen: 41.013 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion: 65 Resp: 188880

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.6

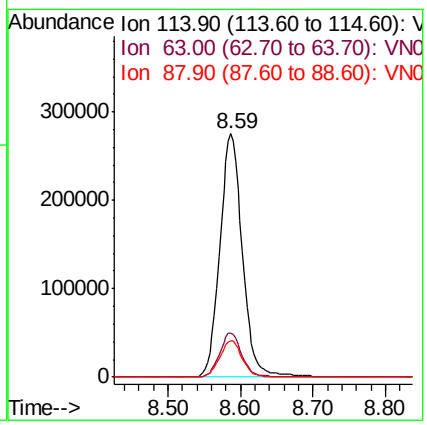


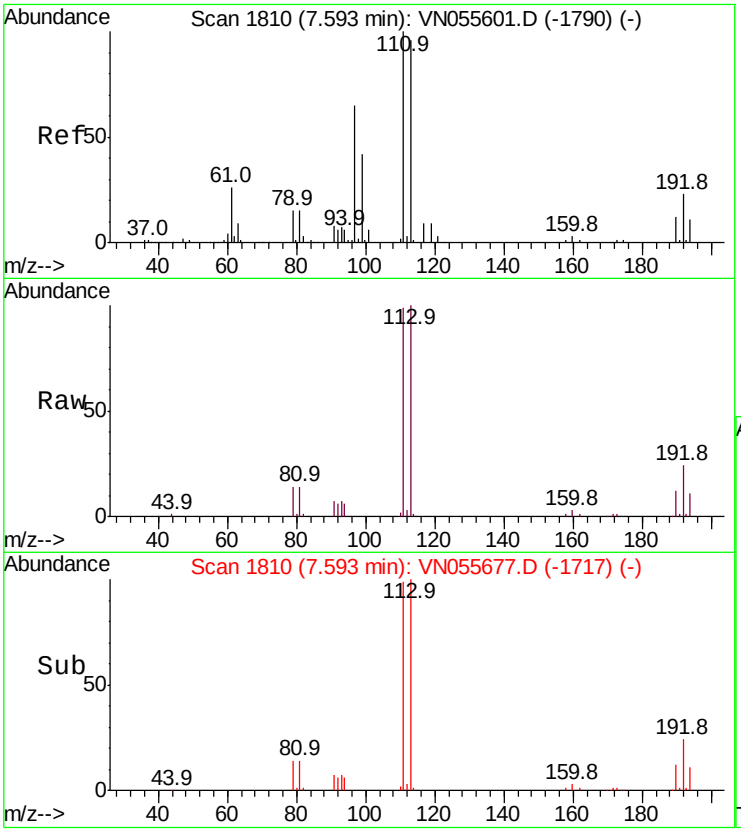


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion:114 Resp: 591408

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.2
88	15.0	0.0	31.0

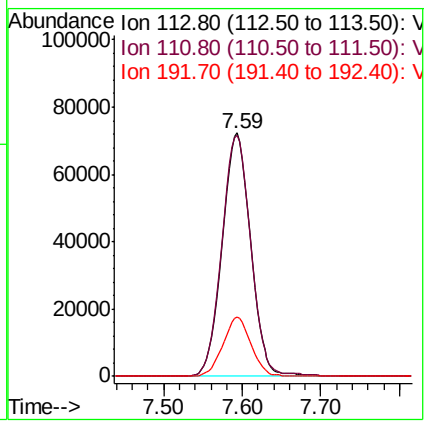


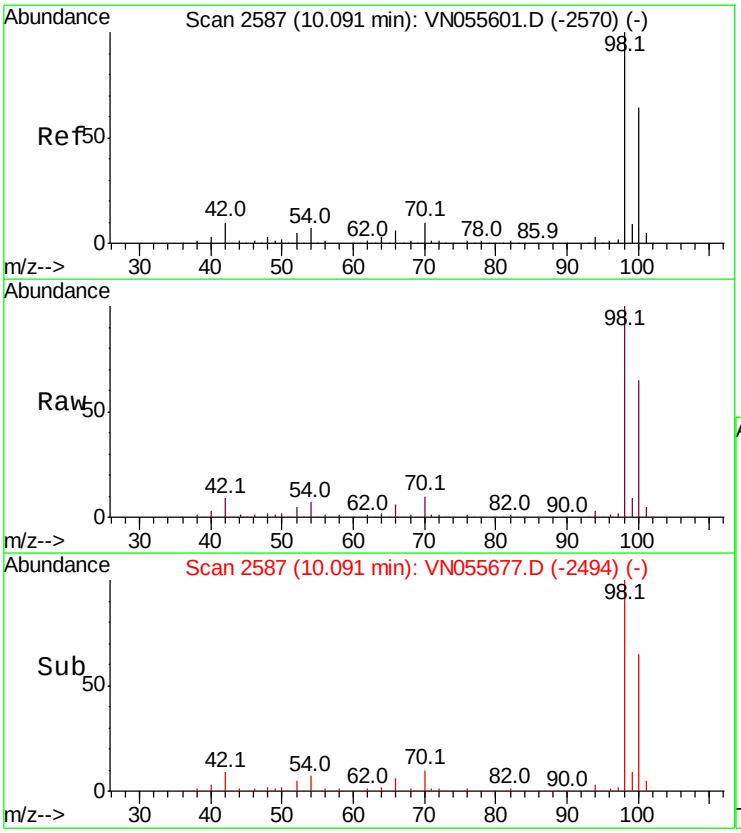


#35
Dibromofluoromethane
Concen: 48.102 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion:113 Resp: 180715

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.5	123.7
192	24.0	18.7	28.1

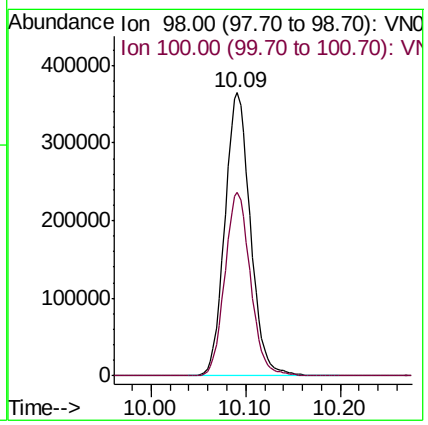


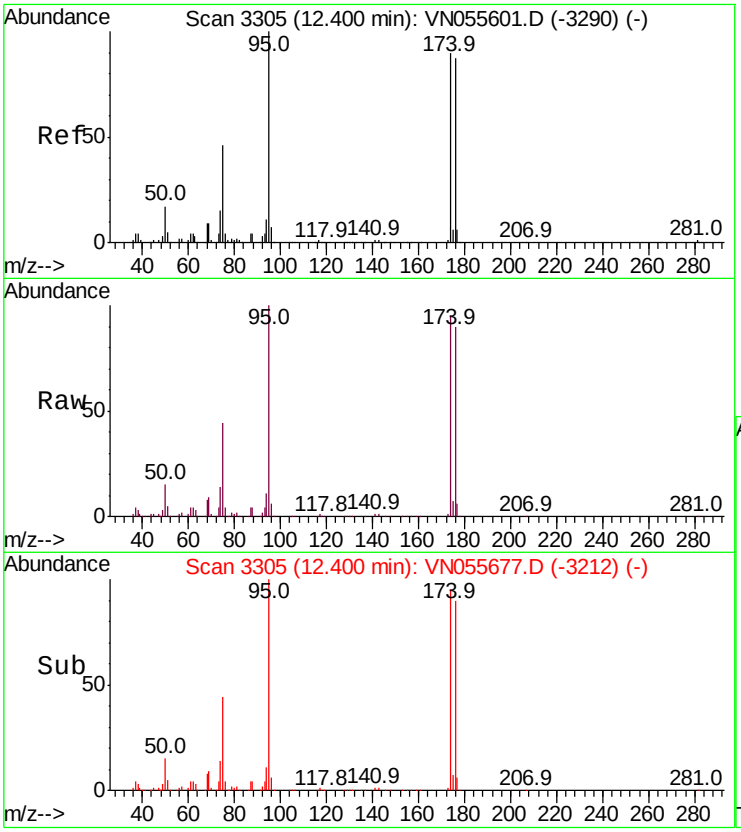


#50
Toluene-d8
Concen: 48.054 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion: 98 Resp: 682623

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9

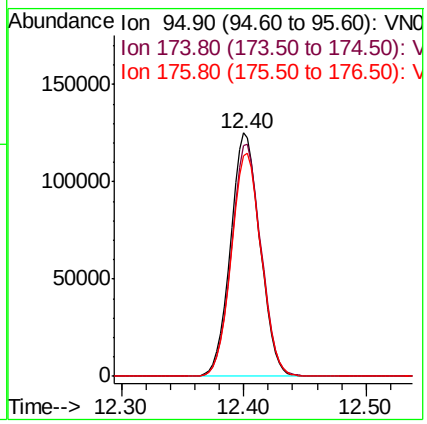


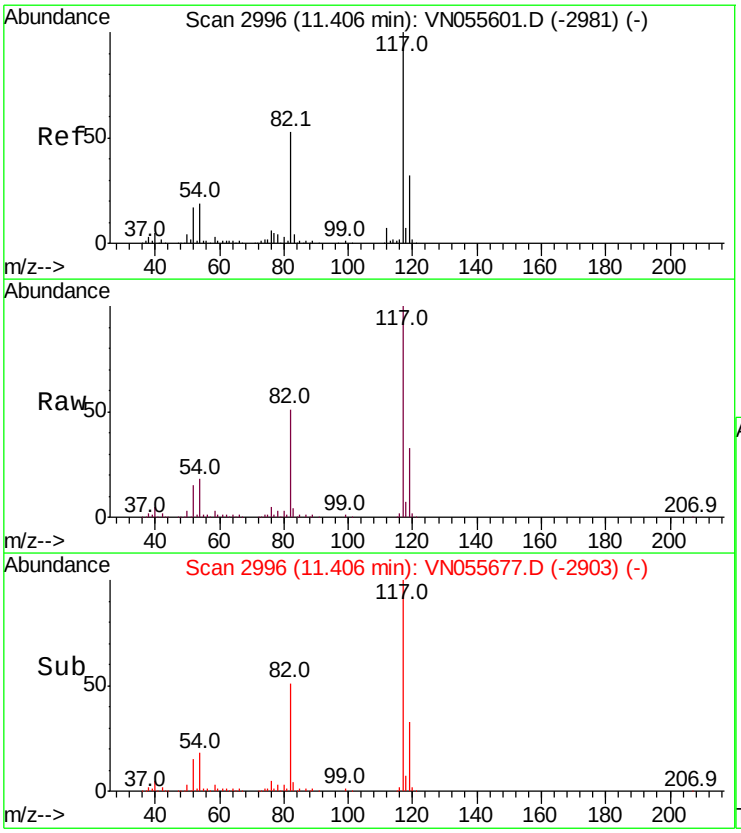


#62
4-Bromofluorobenzene
Concen: 42.790 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion: 95 Resp: 209896

Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	180.6
176	93.0	0.0	177.4

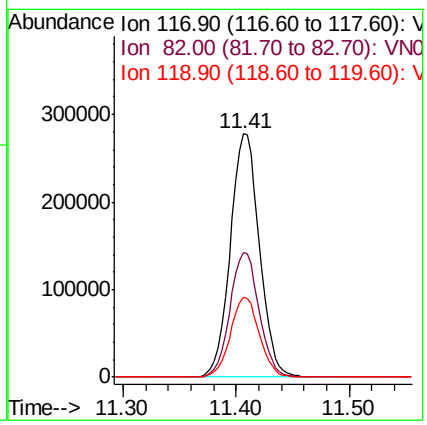


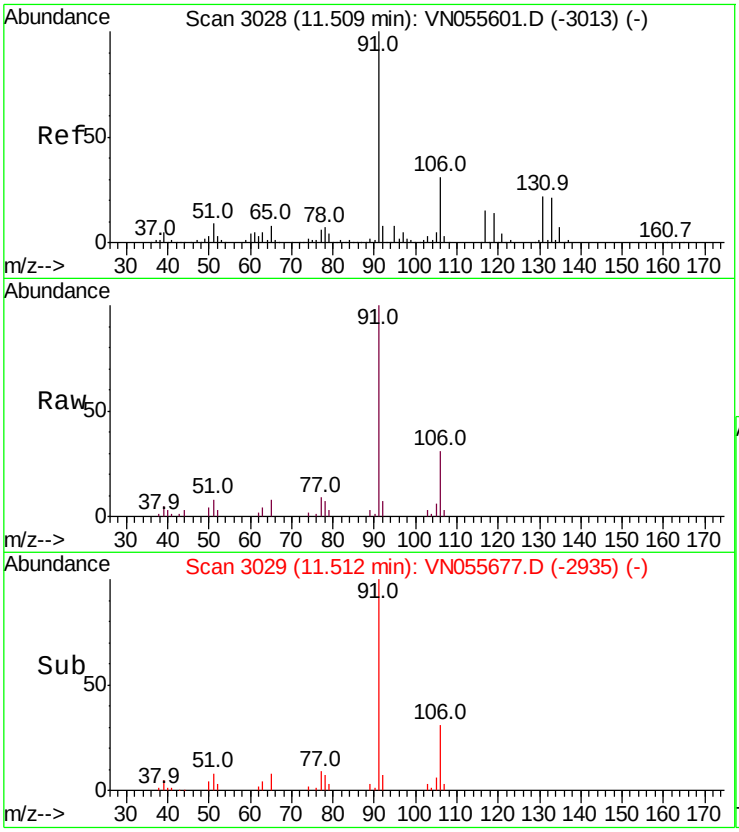


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion:117 Resp: 497063

Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.3	63.5
119	32.6	25.4	38.2

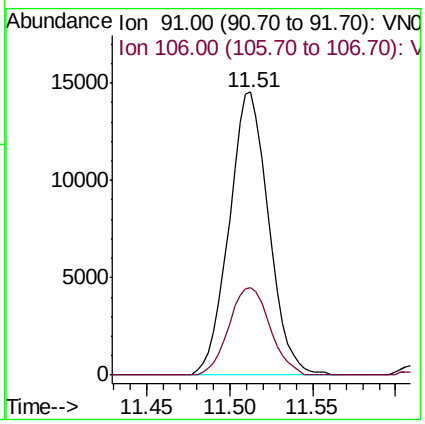


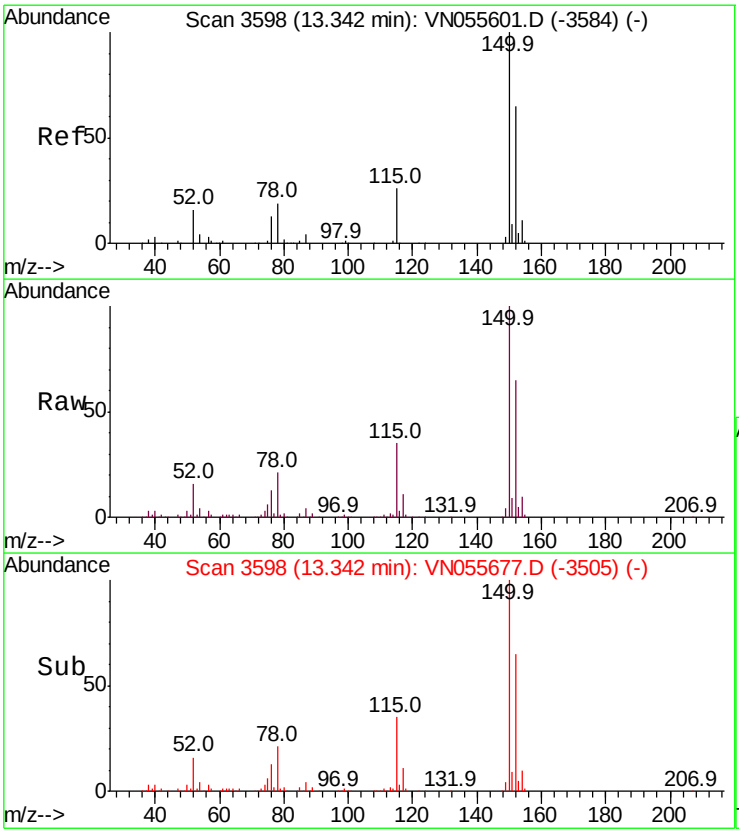


#67
Ethyl Benzene
Concen: 1.344 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion: 91 Resp: 24072

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055677.D
Acq: 20 May 2019 16:28

Tgt Ion:152 Resp: 176064

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.1	84.2
150	156.5	0.0	348.0