Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060577.D
Acq On : 5 Nov 2018 17:20
Operator : VA/AP
Sample : J5724-03
Misc : 5.04/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FIBER-MATERIAL(NEAR-BERM)

Quant Time: Nov 05 17:21:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	247764	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	432287	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	350103	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	180577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	106682	42.62	ug/l	-0.01
Spiked Amount 50.000			Recovery = 85.24%			
35) Dibromofluoromethane	4.09	113	132511	39.68	ug/l	-0.01
Spiked Amount 50.000			Recovery = 79.36%			
50) Toluene-d8	7.54	98	340972	34.46	ug/l	-0.02
Spiked Amount 50.000			Recovery = 68.92%			
62) 4-Bromofluorobenzene	11.40	95	158261	36.57	ug/l	-0.01
Spiked Amount 50.000			Recovery = 73.14%			
Target Compounds						Qvalue
20) Methylene Chloride	2.18	84	15317	3.697	ug/l #	95

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

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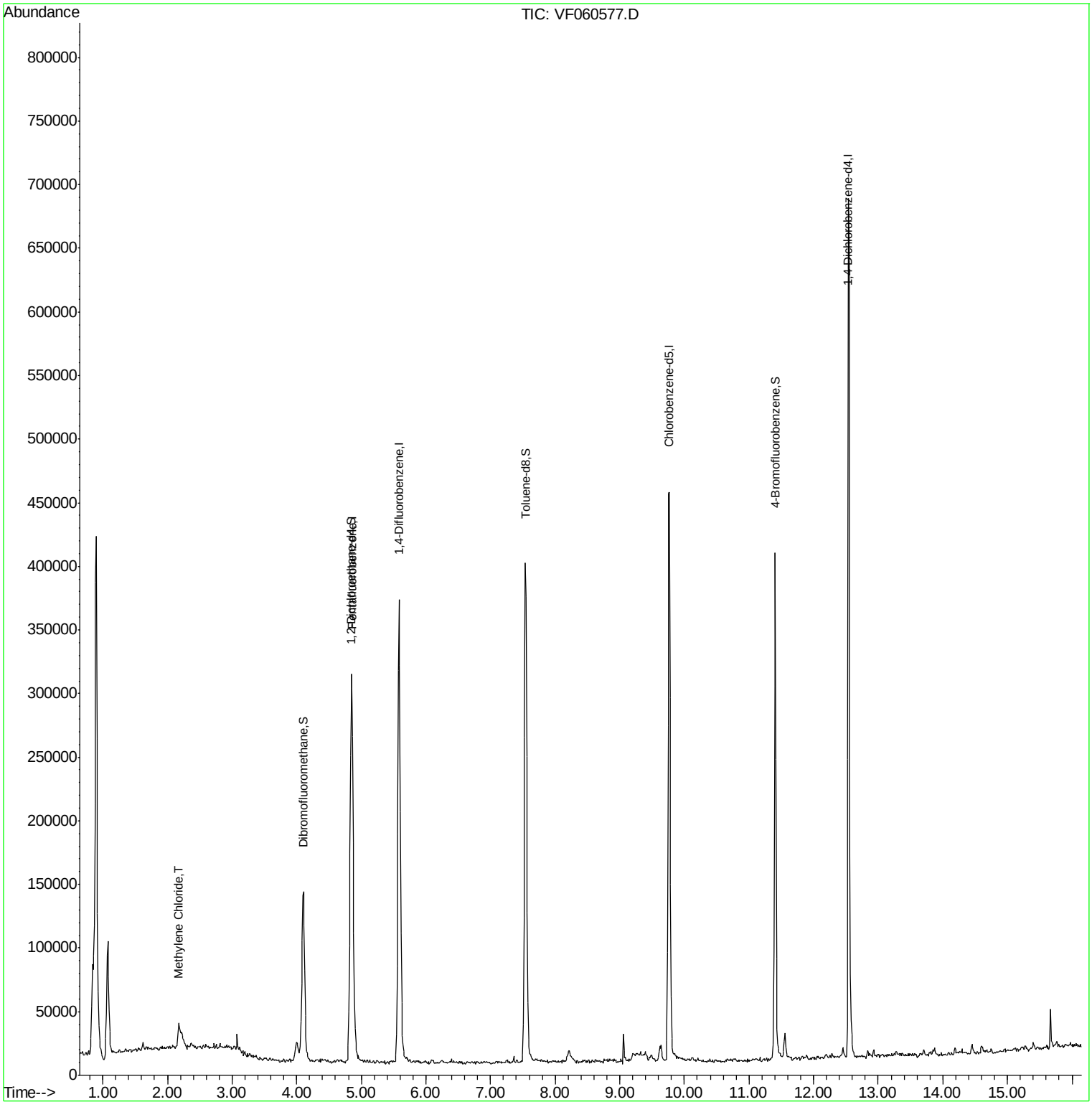
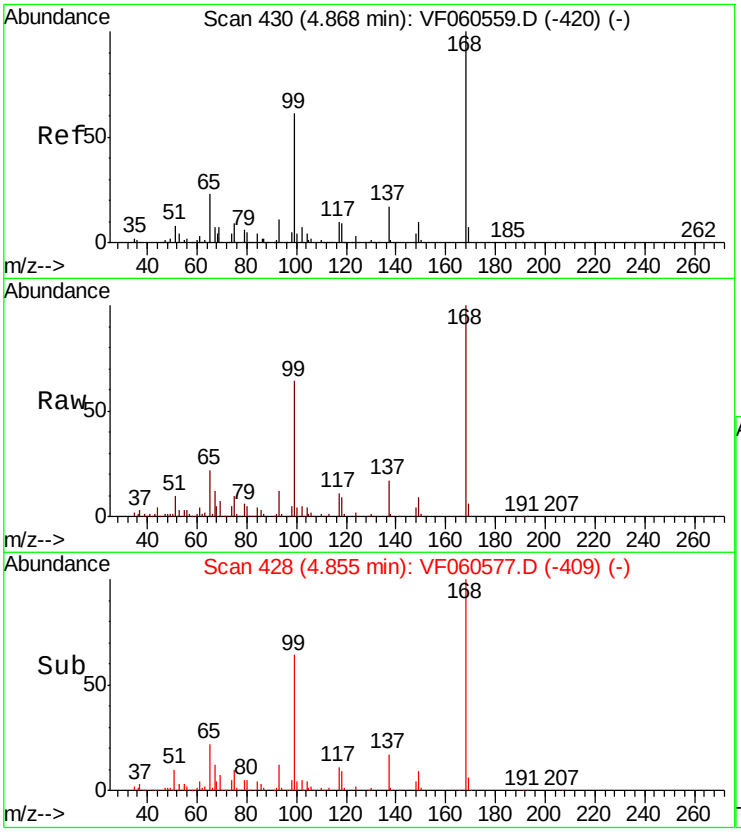


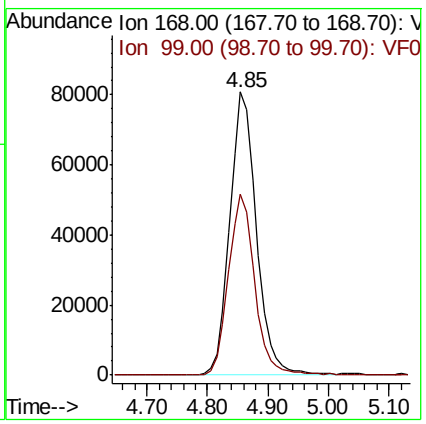


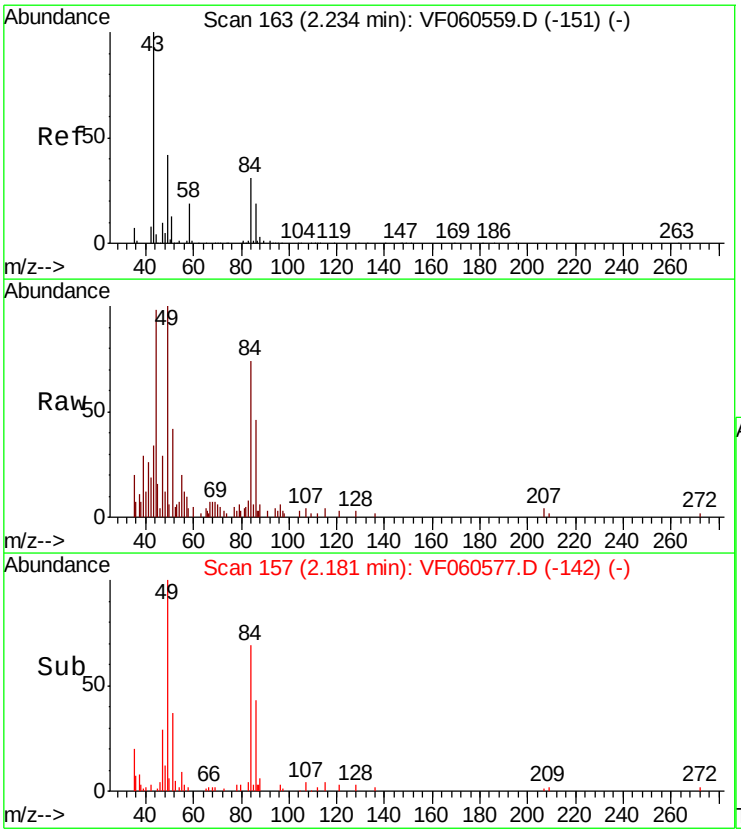
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:168 Resp: 247764

Ion	Ratio	Lower	Upper
168	100		
99	63.7	48.6	72.8

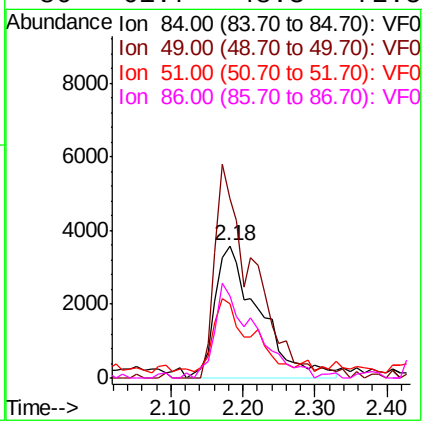


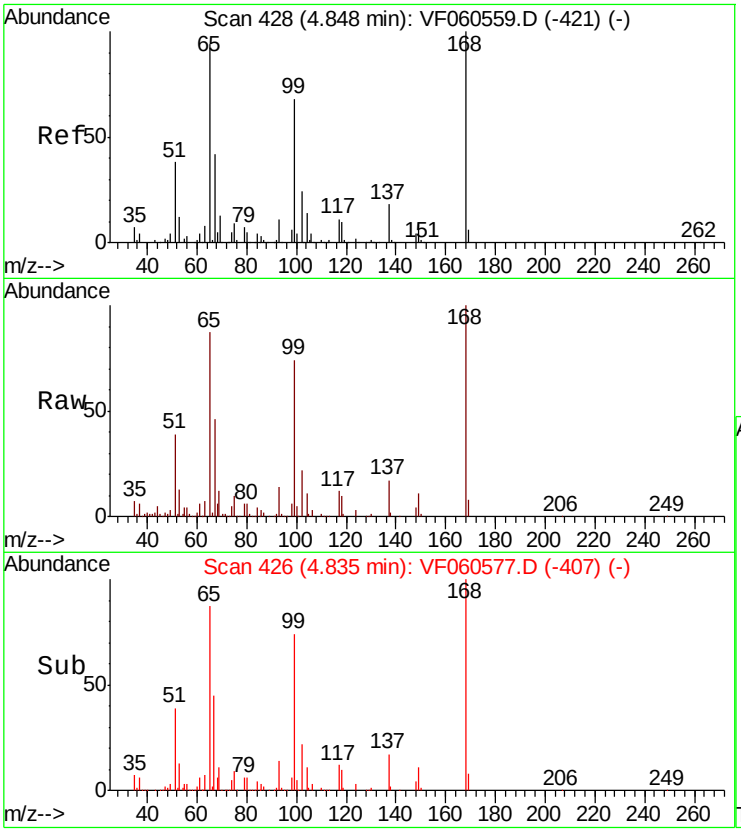


#20
Methylene Chloride
Concen: 3.697 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.05 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Tgt Ion: 84 Resp: 15317

Ion	Ratio	Lower	Upper
84	100		
49	135.1	109.9	164.9
51	56.3	35.8	53.8#
86	61.7	48.3	72.5



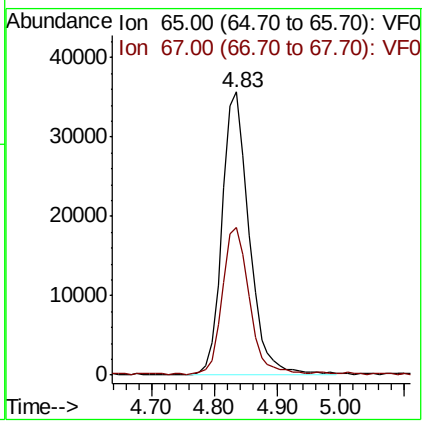


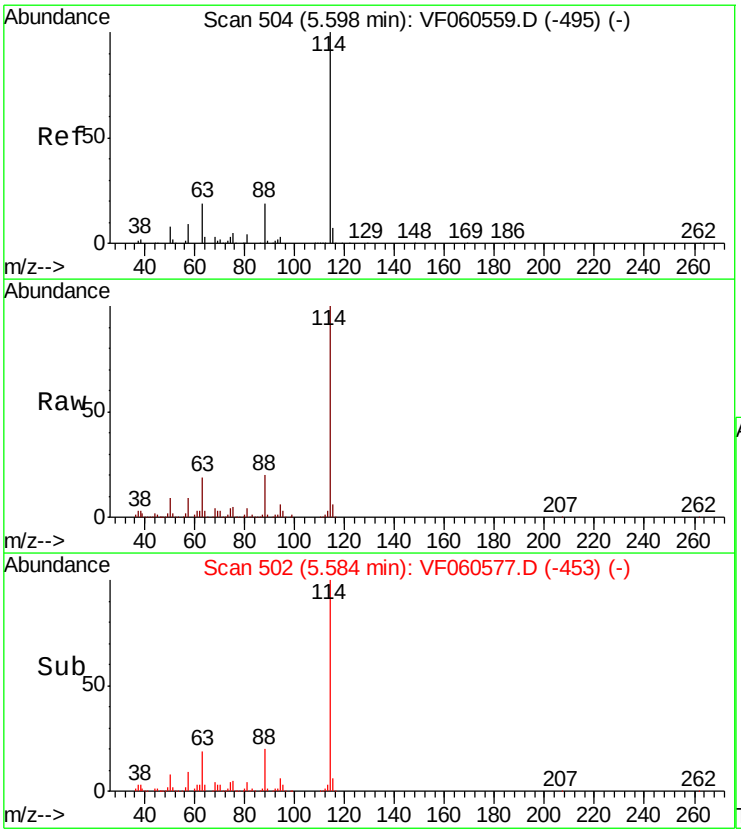
#33
1,2-Dichloroethane-d4
Concen: 42.616 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 65 Resp: 106682

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.8

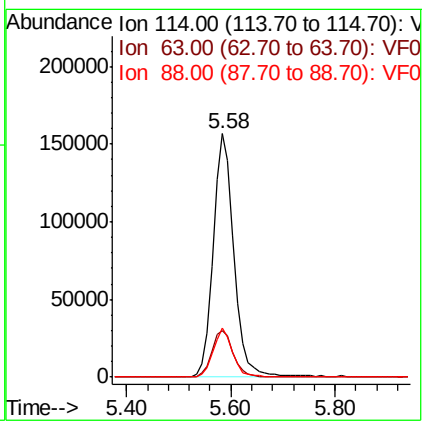


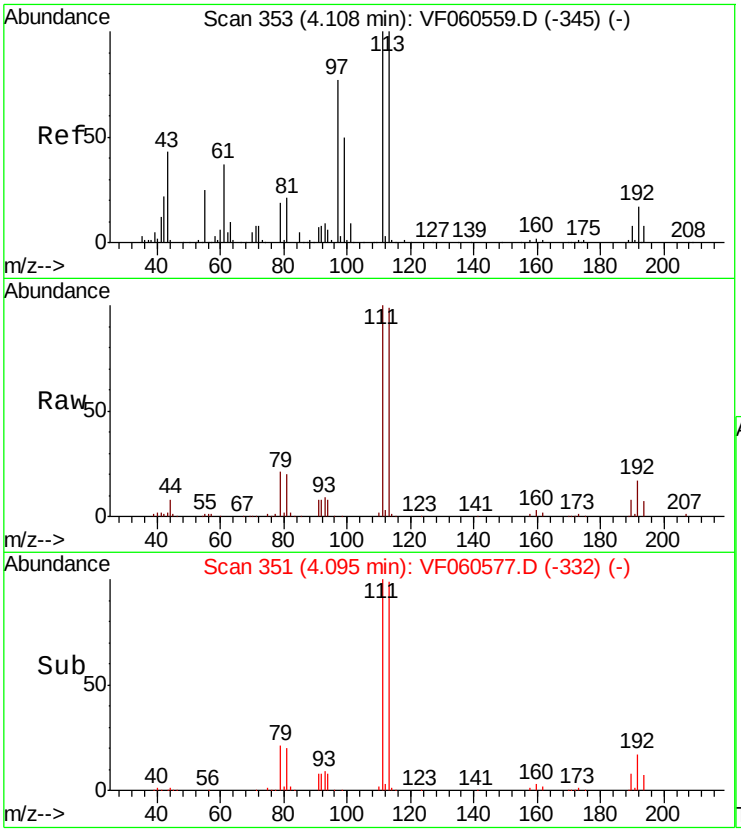


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Tgt Ion:114 Resp: 432287

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.0
88	20.1	0.0	38.2



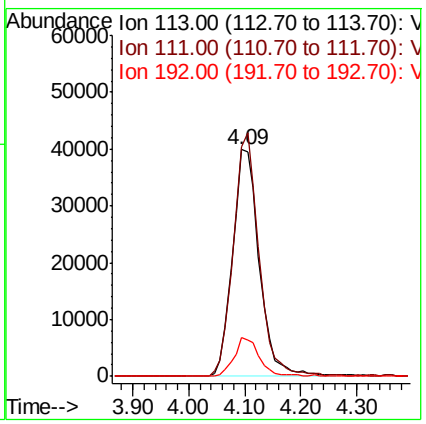


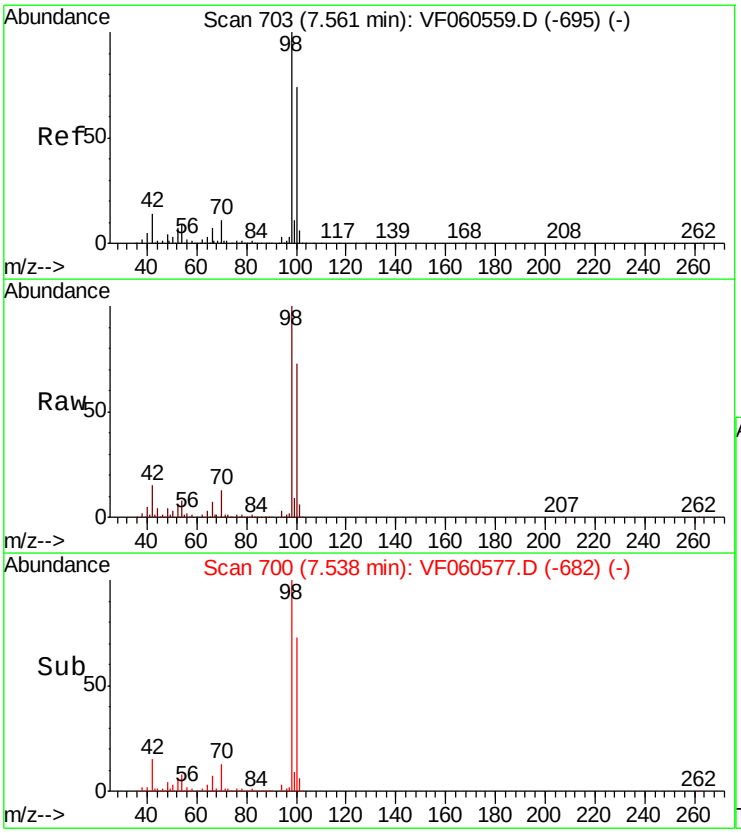
#35
Dibromofluoromethane
Concen: 39.676 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:113 Resp: 132511

Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.9	119.9
192	17.2	13.3	19.9

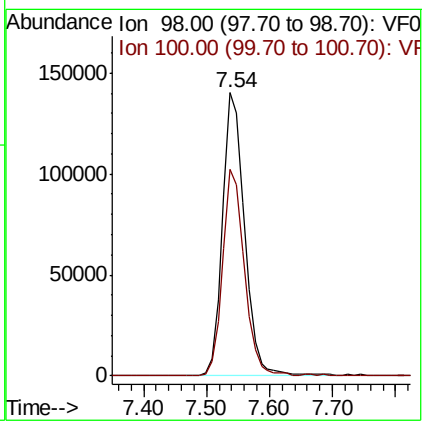


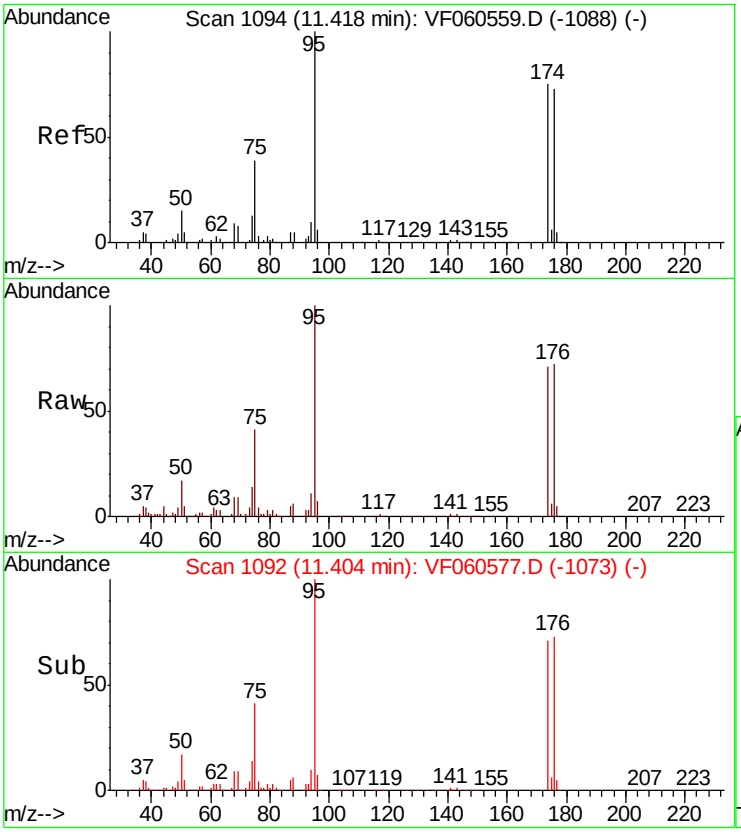


#50
Toluene-d8
Concen: 34.464 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Tgt Ion: 98 Resp: 340972

Ion	Ratio	Lower	Upper
98	100		
100	73.1	59.4	89.2



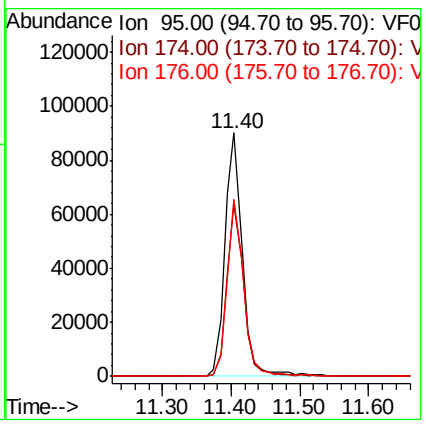


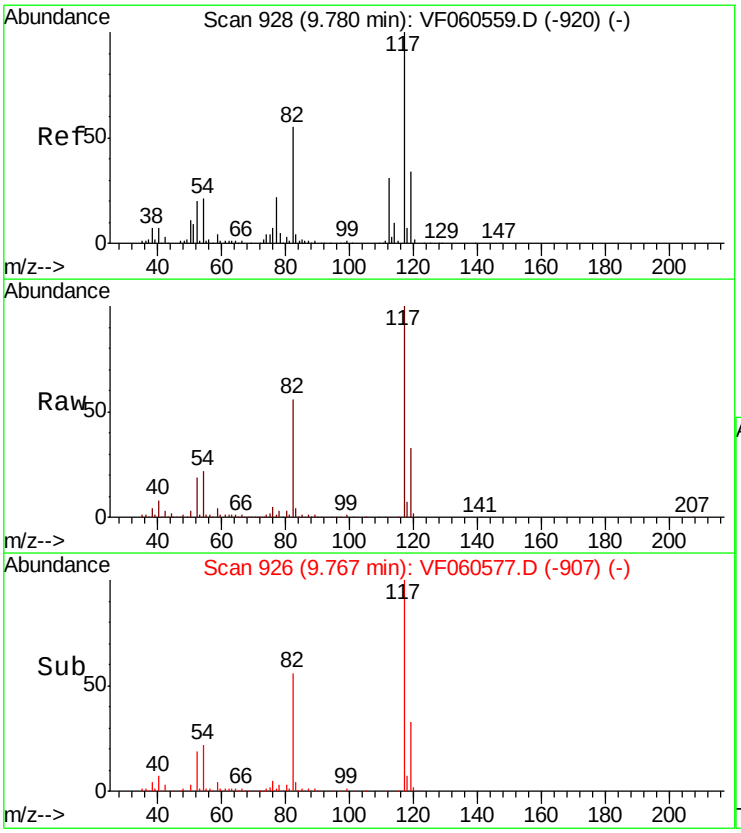
#62
4-Bromofluorobenzene
Concen: 36.570 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 95 Resp: 158261

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	149.0
176	72.5	0.0	145.6

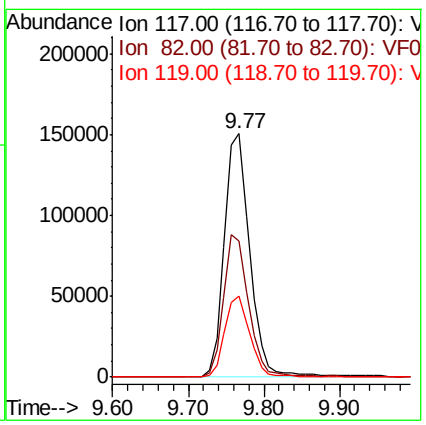


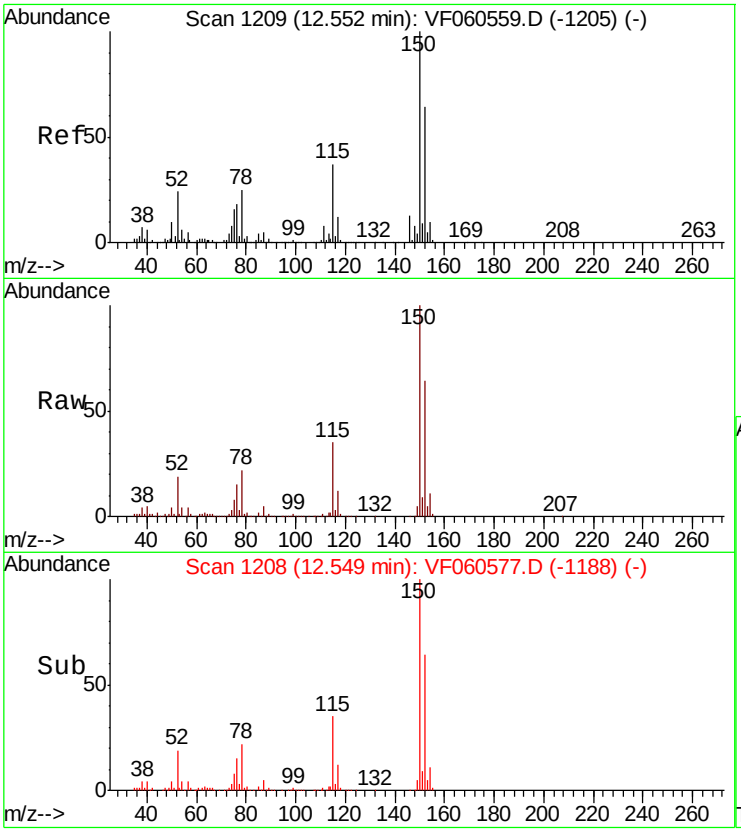


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Tgt Ion:117 Resp: 350103

Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.9	65.9
119	33.3	27.4	41.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060577.D
Acq: 5 Nov 2018 17:20

Instrument :
MSVOA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:152 Resp: 180577

Ion	Ratio	Lower	Upper
152	100		
115	54.7	29.6	88.8
150	156.3	0.0	315.6