Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057981.D
Acq On : 7 Jun 2018 19:39
Operator : JC/SY
Sample : J3344-01
Misc : 5.09g/5ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HS-YARD-1

Quant Time: Jun 08 07:59:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	777077	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	995164	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	843493	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	415796	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	372533	47.95	ug/l	-0.01
Spiked Amount 50.000			Recovery = 95.90%			
35) Dibromofluoromethane	5.54	113	33829	4.39	ug/l	-0.02
Spiked Amount 50.000			Recovery = 8.78%			
50) Toluene-d8	8.70	98	840676	45.92	ug/l	-0.01
Spiked Amount 50.000			Recovery = 91.84%			
62) 4-Bromofluorobenzene	11.93	95	379658	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.08%			
Target Compounds						Qvalue
95) Naphthalene	14.51	128	615473	45.850	ug/l	99

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

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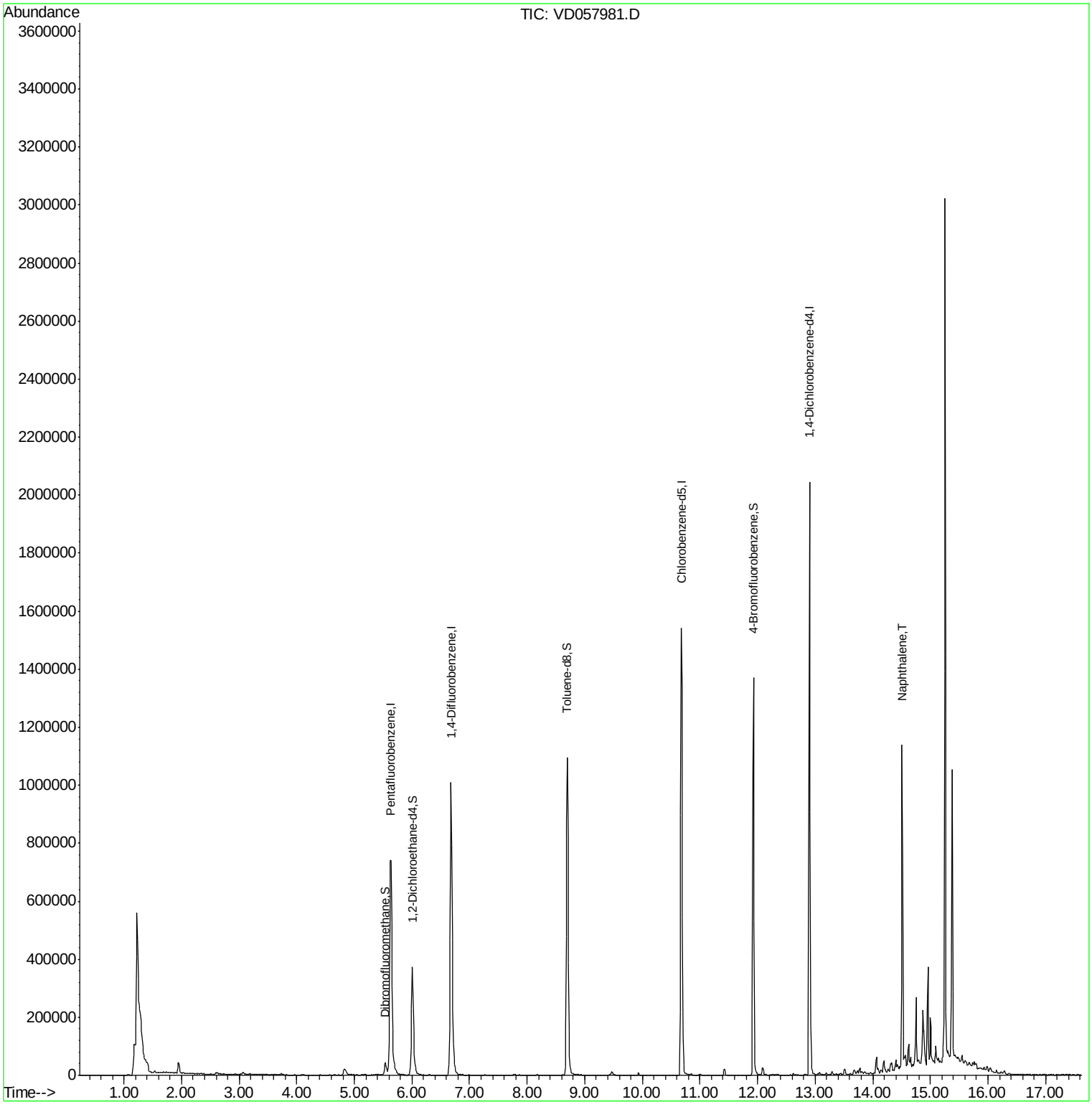
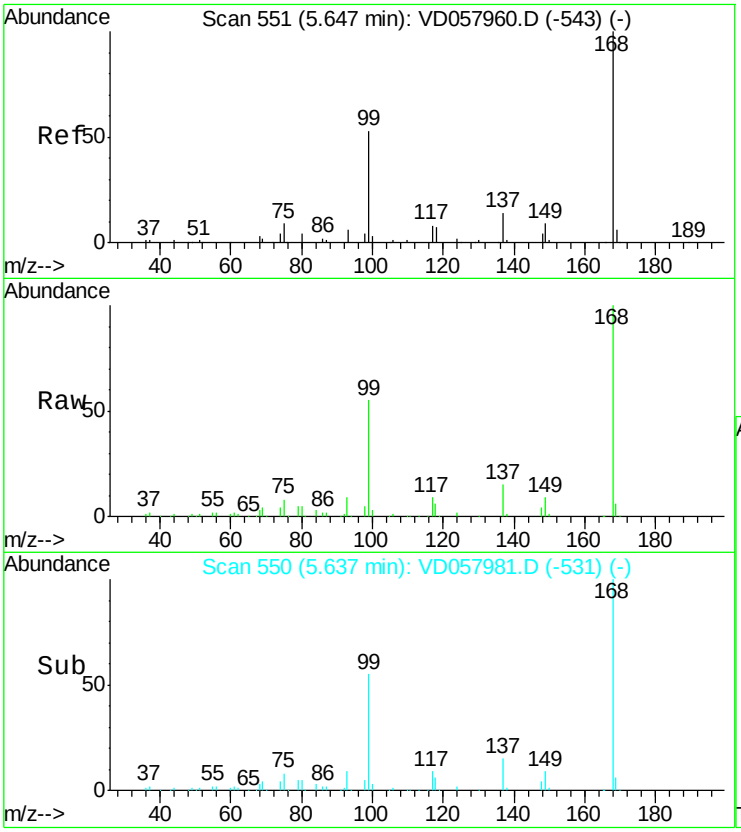


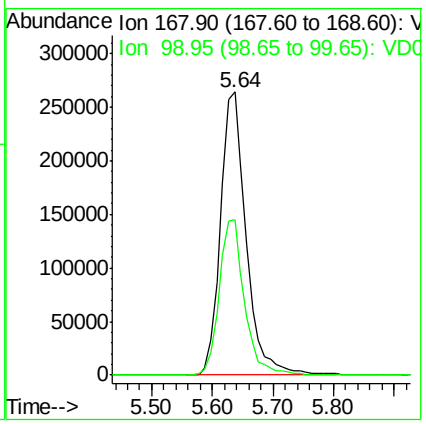


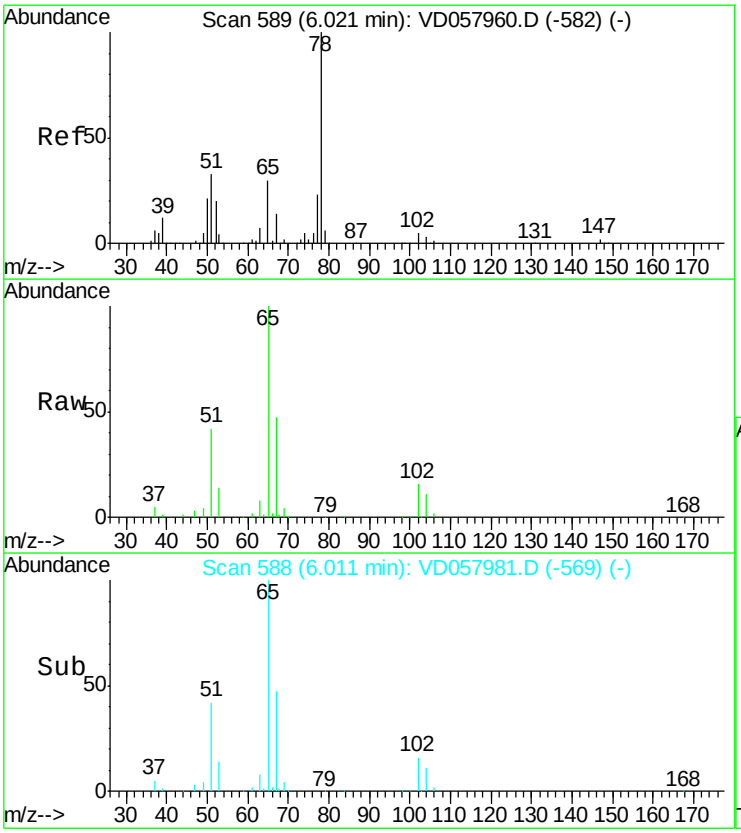
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1

Tgt Ion:168 Resp: 777077

Ion	Ratio	Lower	Upper
168	100		
99	54.9	46.8	70.2

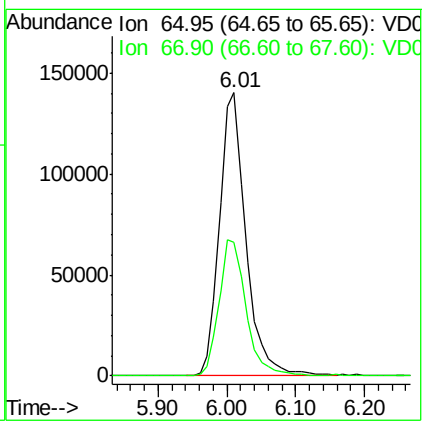


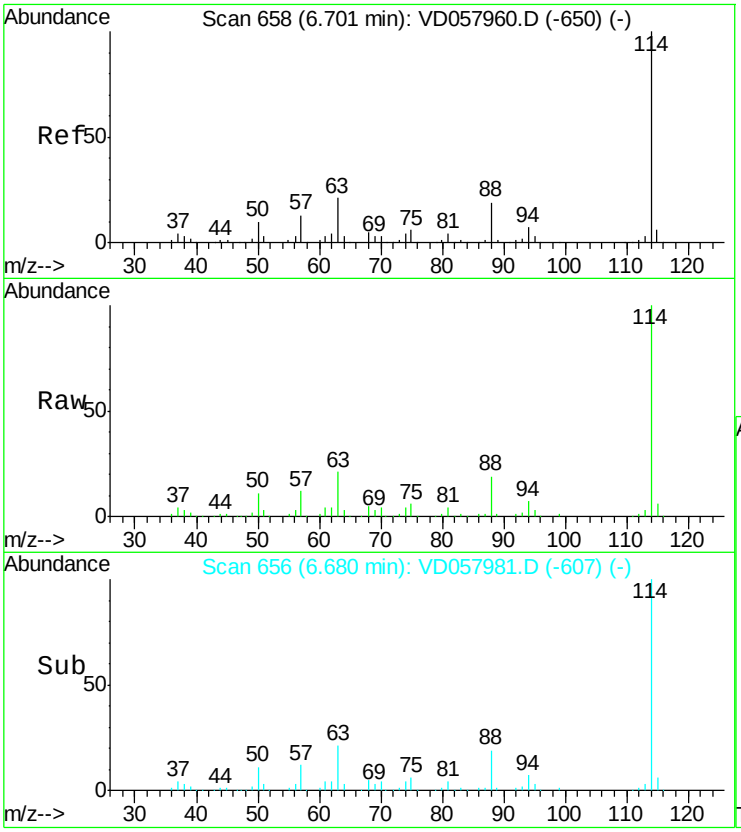


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Tgt Ion: 65 Resp: 372533

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	94.0



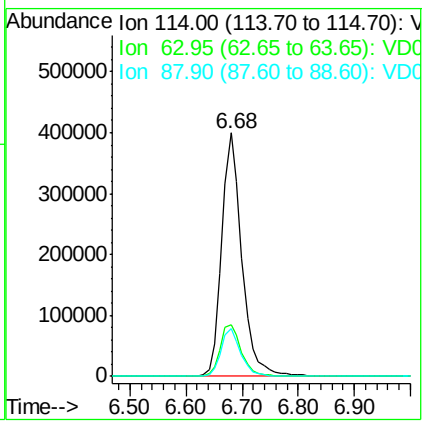


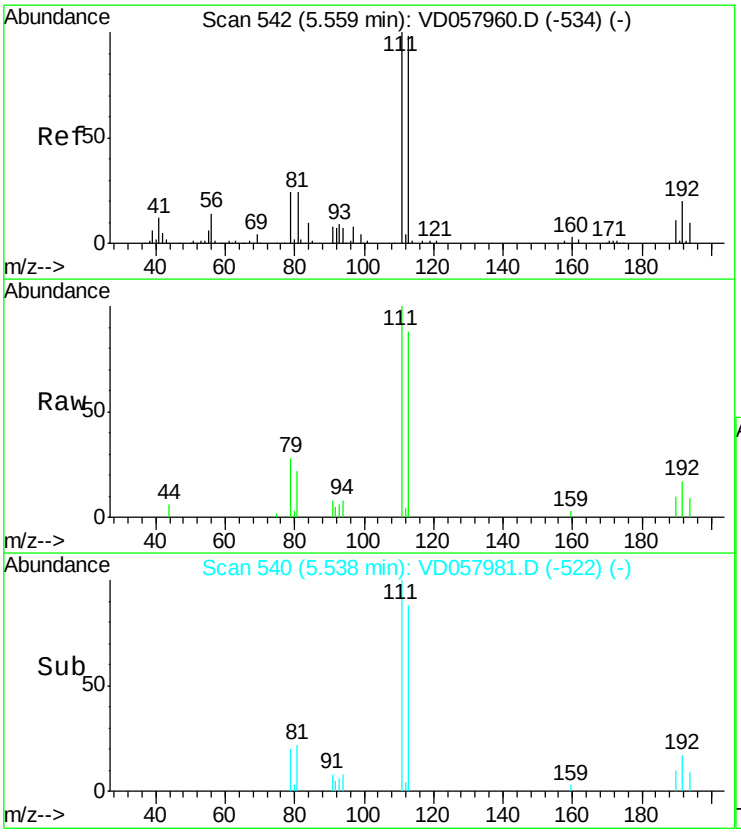
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.02 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1

Tgt Ion:114 Resp: 995164

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.8
88	19.4	0.0	37.8

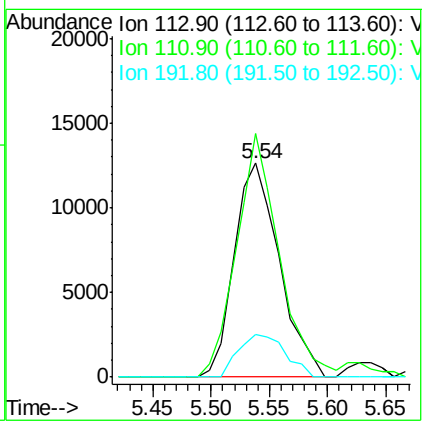


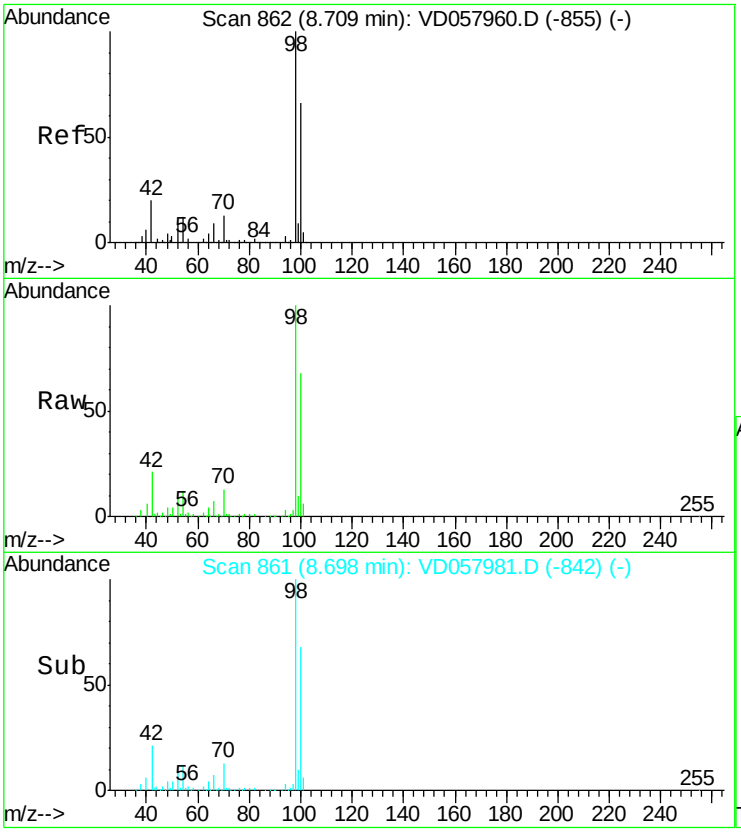


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Tgt Ion:113 Resp: 33829

Ion	Ratio	Lower	Upper
113	100		
111	113.7	81.5	122.3
192	19.8	16.4	24.6



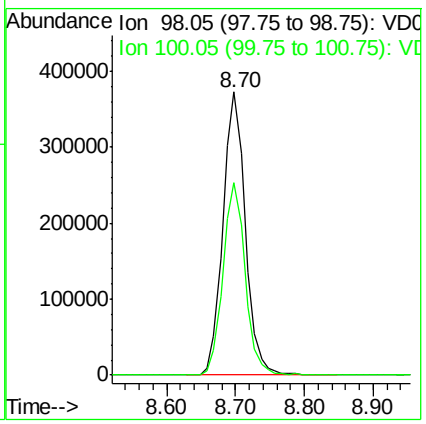


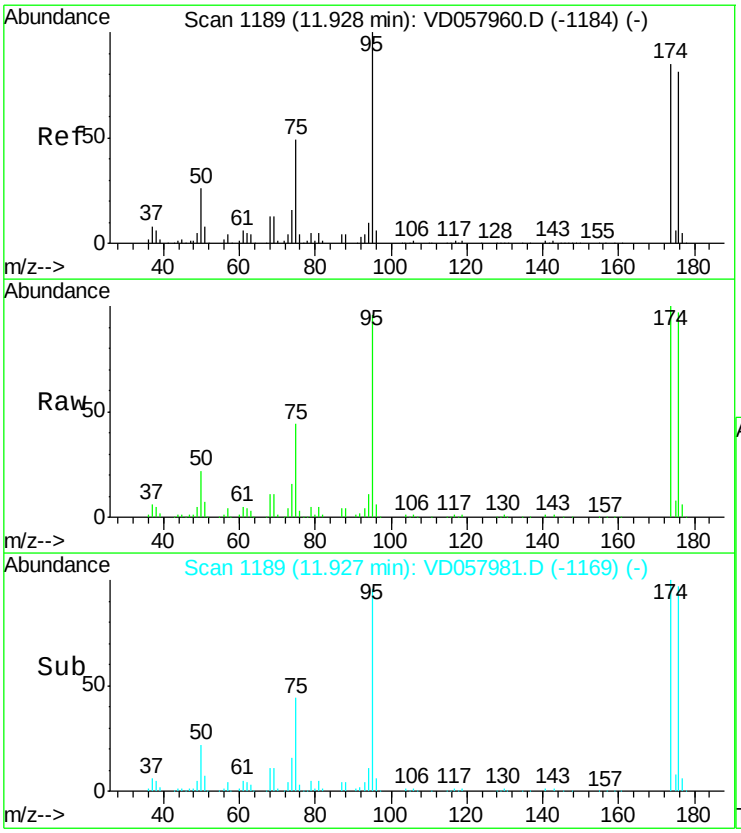
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1

Tgt Ion: 98 Resp: 840676

Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.4	80.0

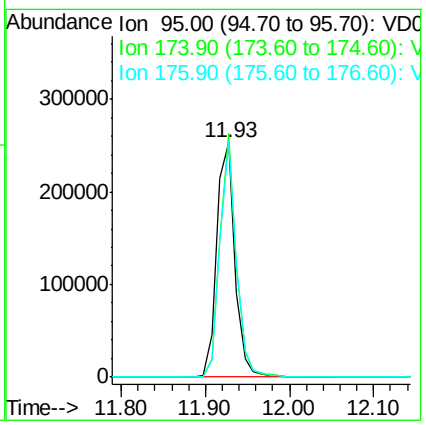


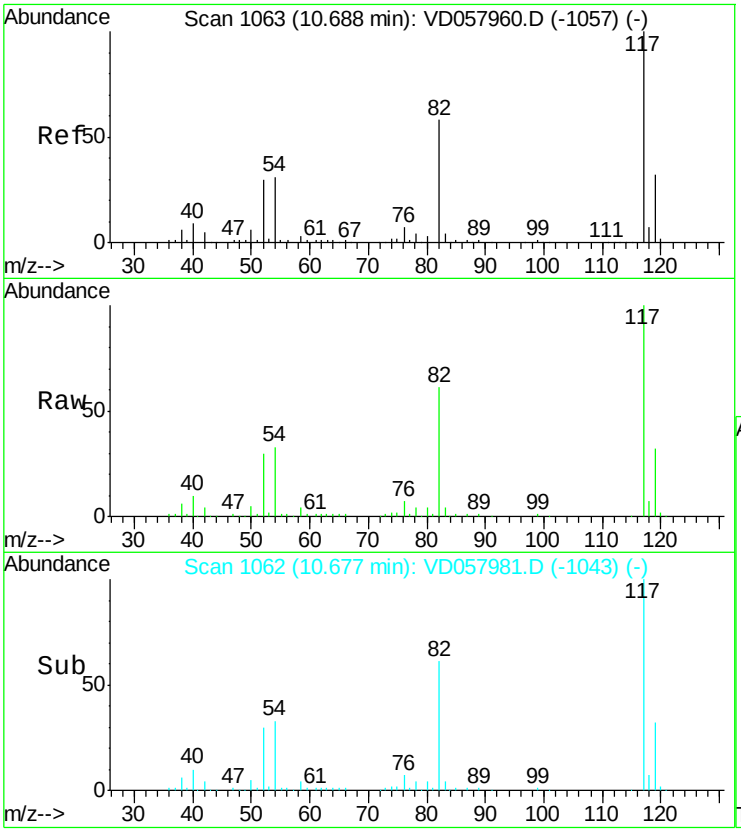


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Tgt Ion: 95 Resp: 379658

Ion	Ratio	Lower	Upper
95	100		
174	103.8	0.0	169.4
176	100.5	0.0	162.6



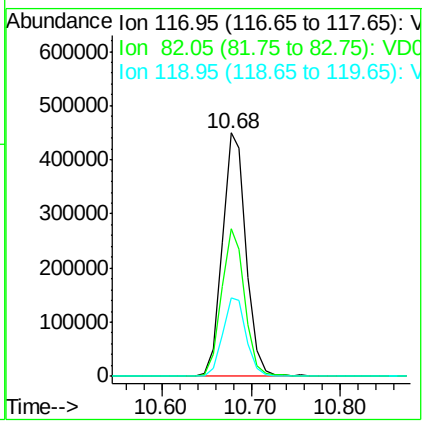


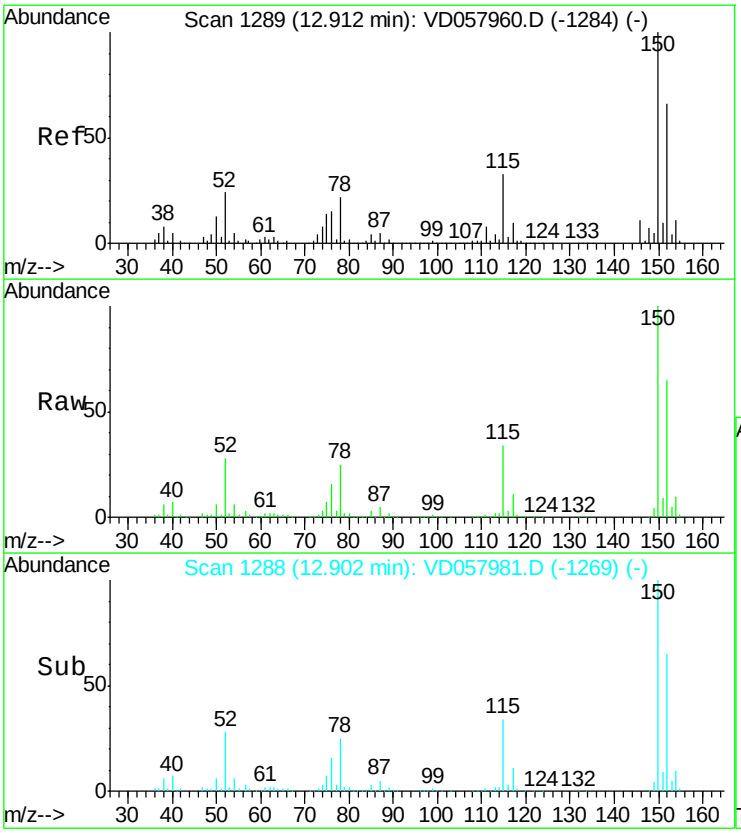
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1

Tgt Ion:117 Resp: 843493

Ion	Ratio	Lower	Upper
117	100		
82	60.8	46.8	70.2
119	32.2	25.8	38.6

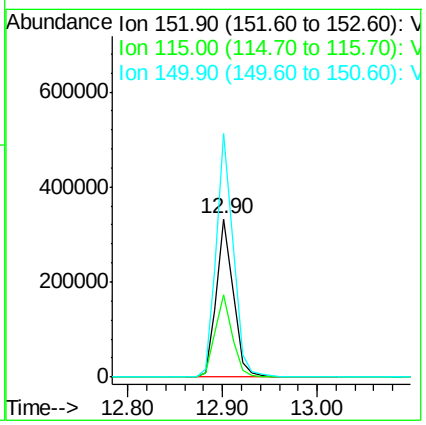


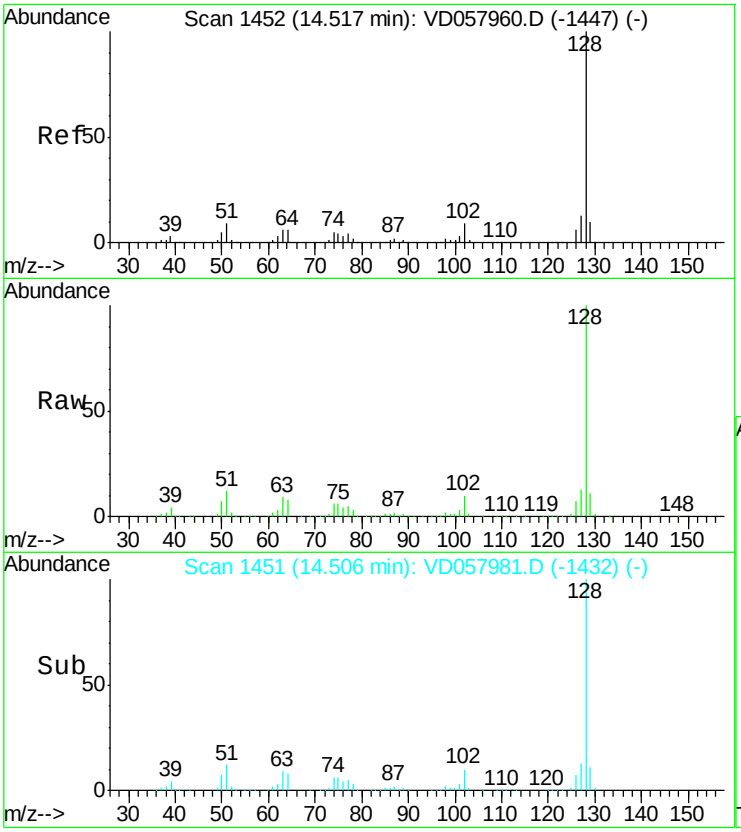


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Tgt Ion:152 Resp: 415796

Ion	Ratio	Lower	Upper
152	100		
115	51.7	25.6	76.6
150	153.7	0.0	306.8





#95
Naphthalene
Concen: 45.850 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VD057981.D
Acq: 7 Jun 2018 19:39

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-1

Tgt Ion:128 Resp: 615473

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.2	12.2