Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057982.D
Acq On : 7 Jun 2018 20:07
Operator : JC/SY
Sample : J3344-05
Misc : 5.04g/5ml/MSVOA_D/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HS-YARD-2

Quant Time: Jun 08 08:01:29 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	5.63	168	759556	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	1019084	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	823162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	462848	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	365980	48.20	ug/l	-0.01
Spiked Amount 50.000			Recovery = 96.40%			
35) Dibromofluoromethane	5.53	113	34576	4.39	ug/l	-0.02
Spiked Amount 50.000			Recovery = 8.78%			
50) Toluene-d8	8.69	98	881749	47.04	ug/l	-0.01
Spiked Amount 50.000			Recovery = 94.08%			
62) 4-Bromofluorobenzene	11.92	95	382729	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.60%			
Target Compounds						Qvalue
95) Naphthalene	14.51	128	36269	2.427	ug/l	# 94

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

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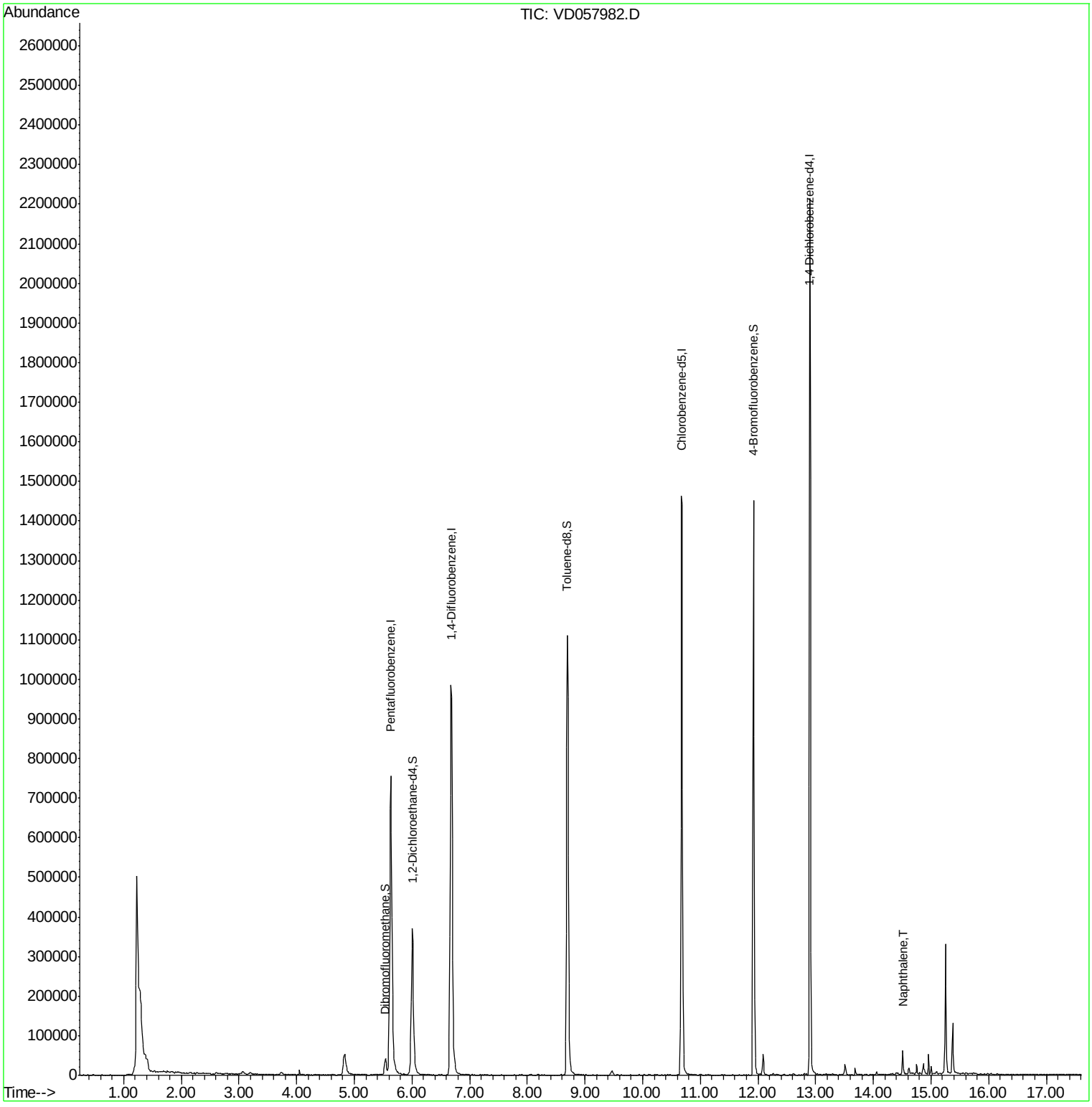
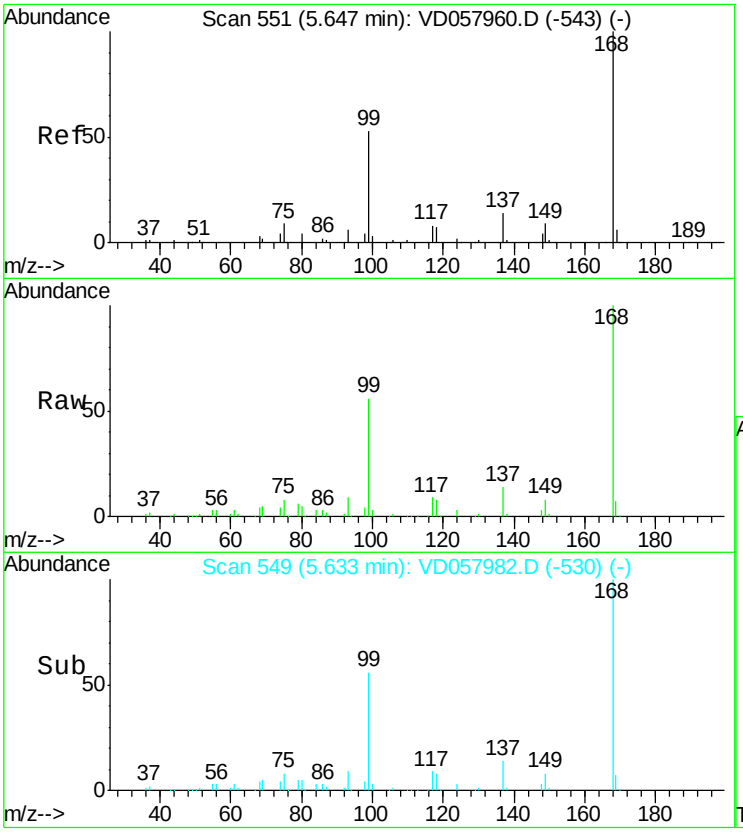


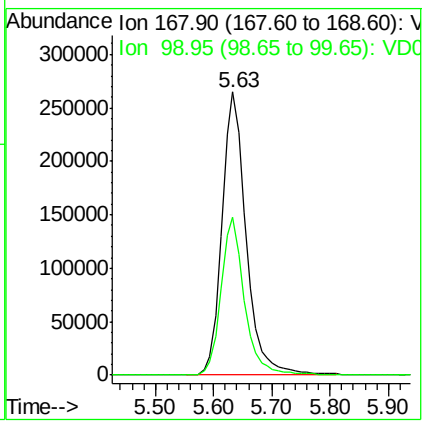


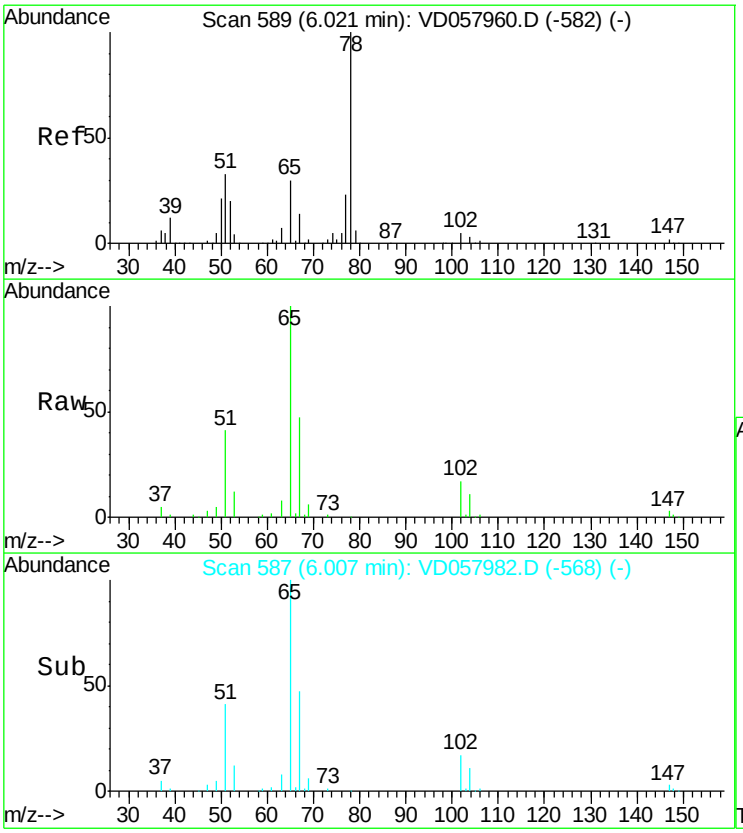
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 549
Delta R.T. -0.01 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-2

Tgt Ion:168 Resp: 759556

Ion	Ratio	Lower	Upper
168	100		
99	55.9	46.8	70.2

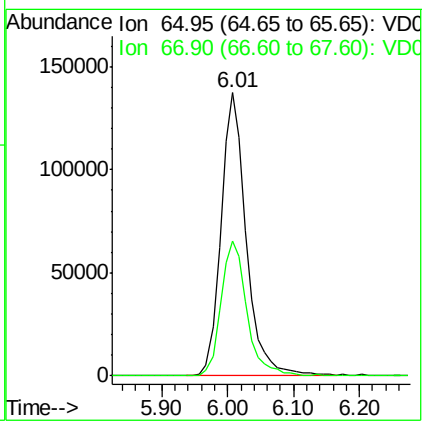


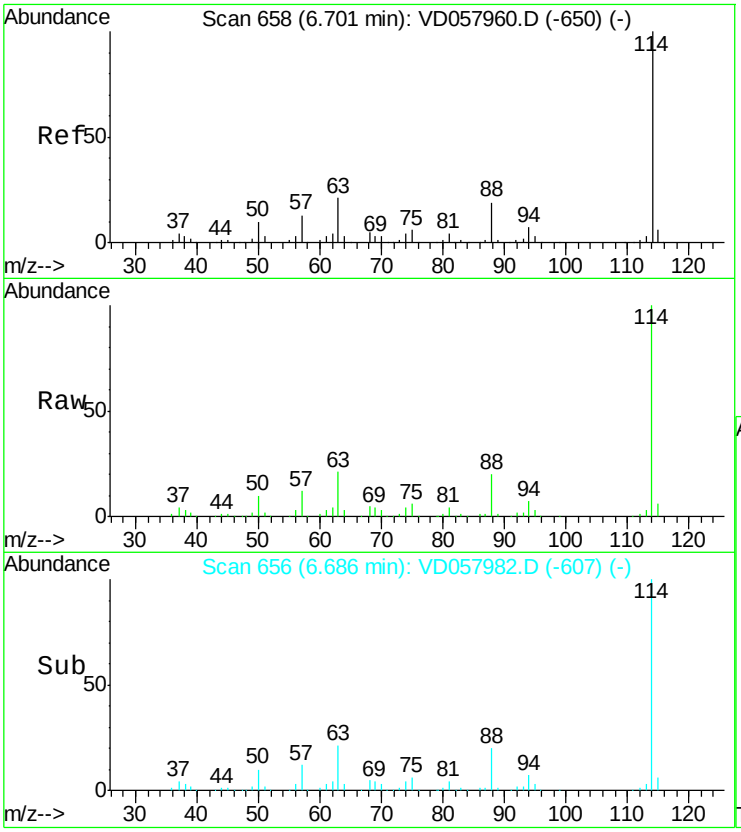


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.01 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Tgt Ion: 65 Resp: 365980

Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	94.0



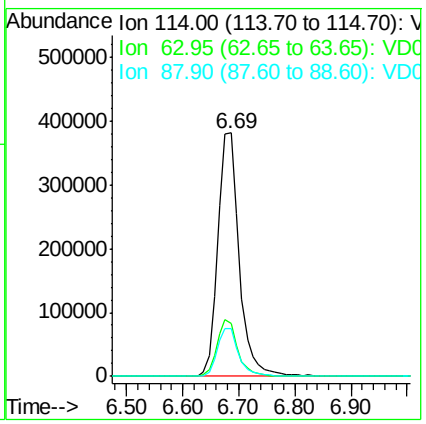


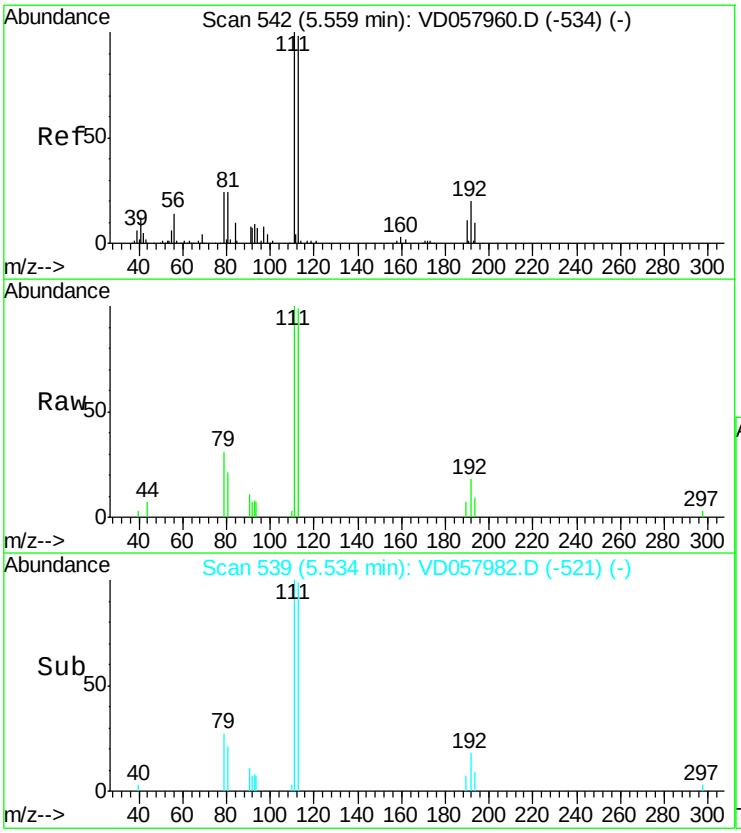
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-2

Tgt Ion:114 Resp: 1019084

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.8
88	19.6	0.0	37.8

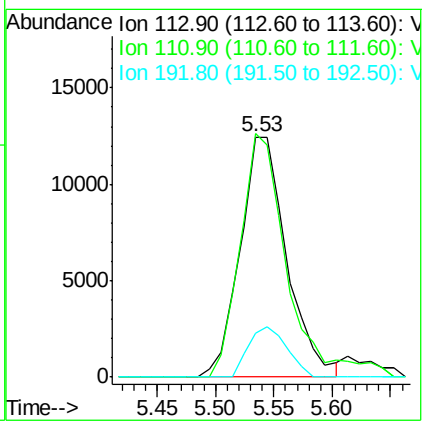


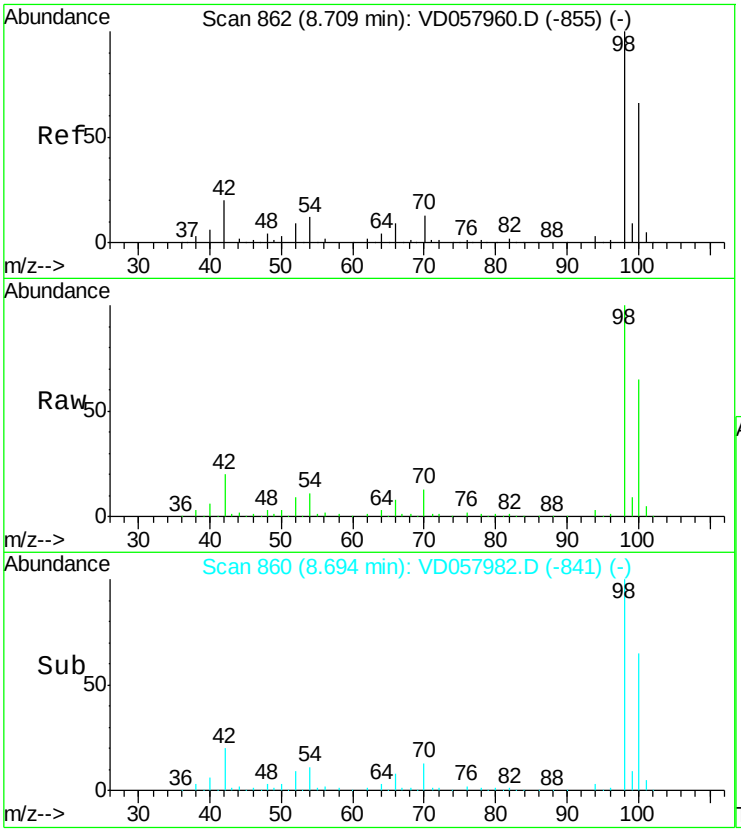


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Tgt Ion:113 Resp: 34576

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	18.3	16.4	24.6



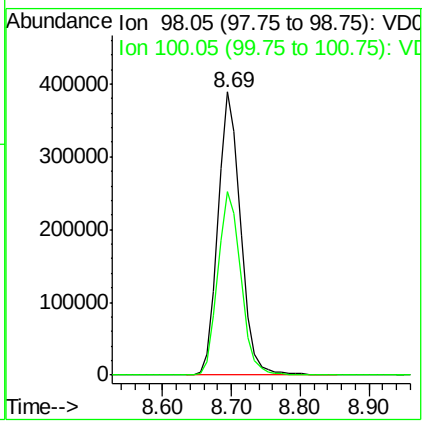


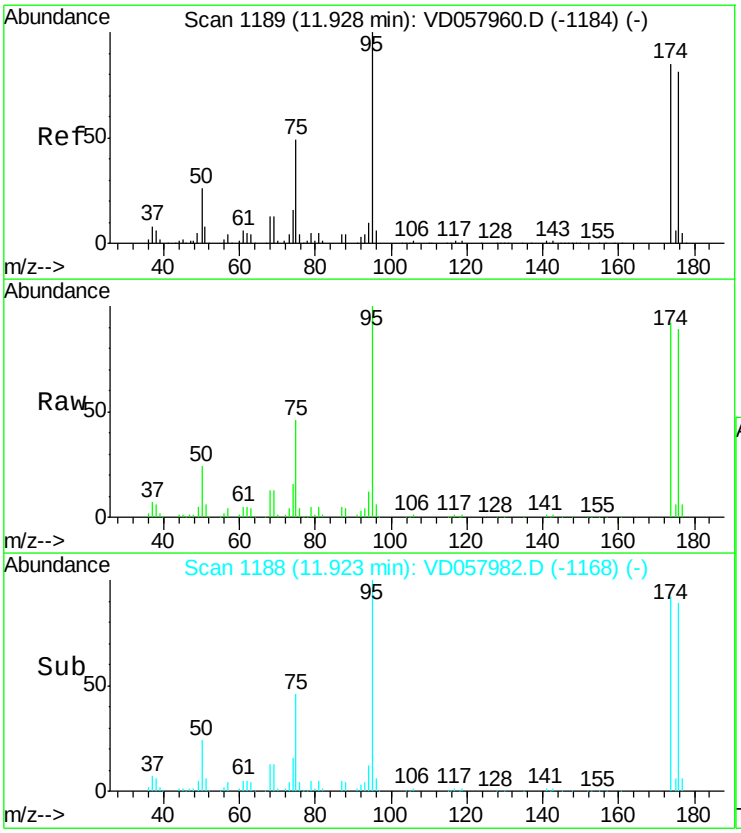
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. -0.01 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Instrument : MSVOA_D
ClientSampleId : HS-YARD-2

Tgt Ion: 98 Resp: 881749

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.4	80.0

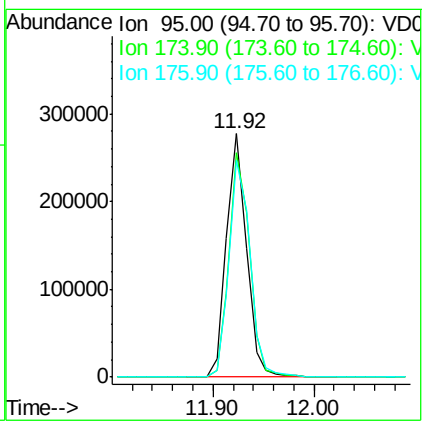


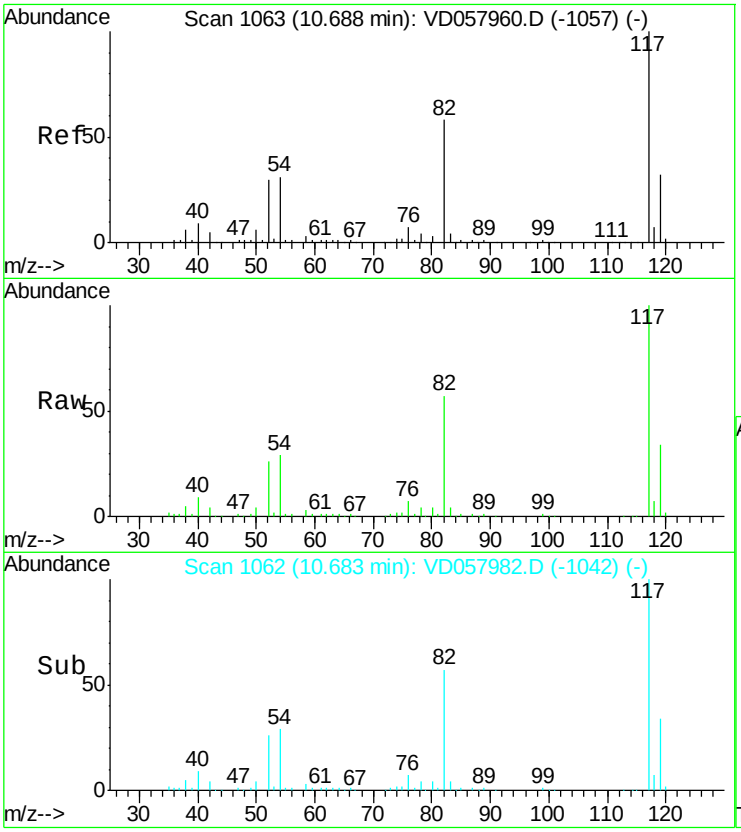


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Tgt Ion: 95 Resp: 382729

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	169.4
176	88.9	0.0	162.6



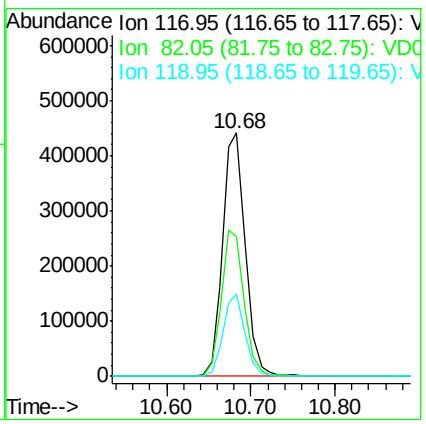


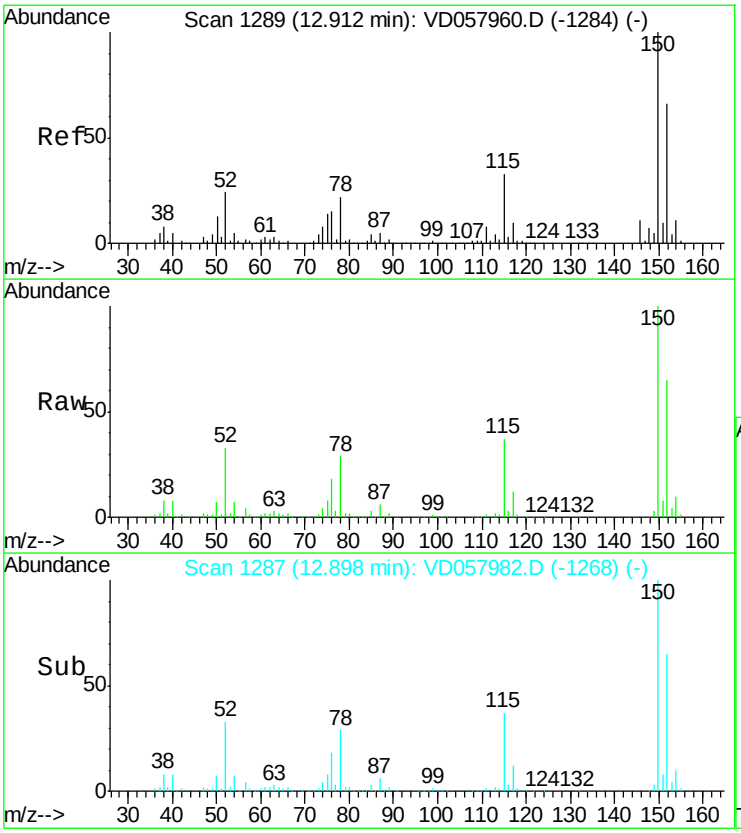
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Instrument : MSVOA_D
ClientSampleId : HS-YARD-2

Tgt Ion:117 Resp: 823162

Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.8	70.2
119	34.0	25.8	38.6

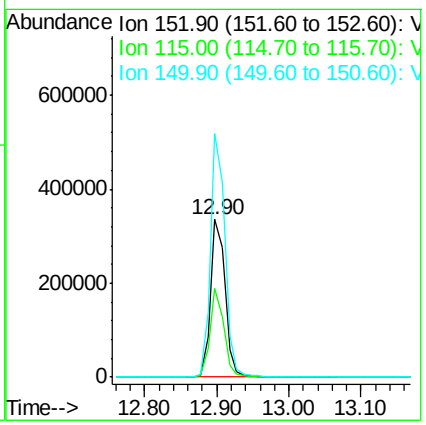


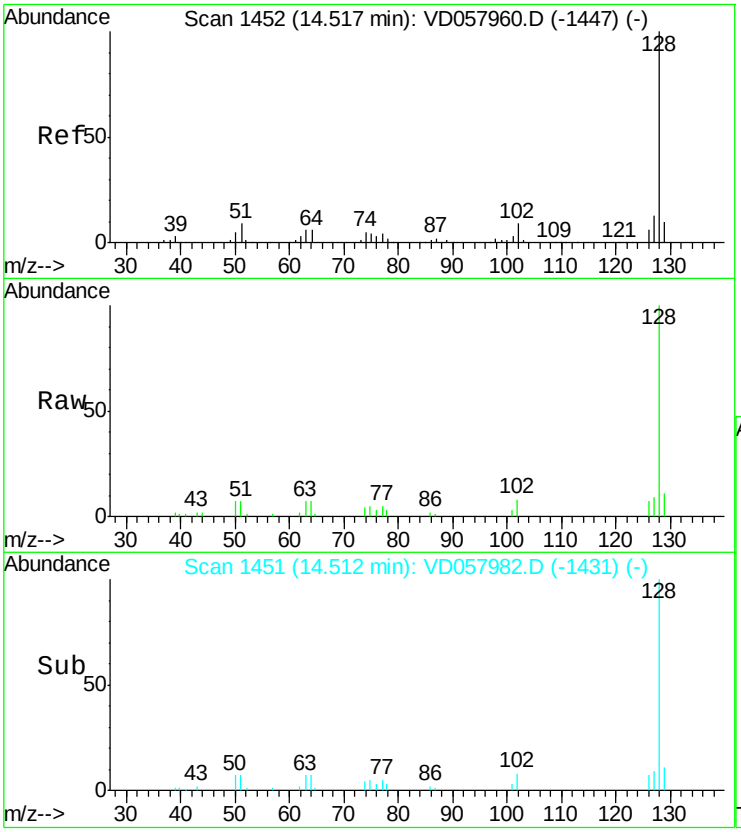


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Tgt Ion:152 Resp: 462848

Ion	Ratio	Lower	Upper
152	100		
115	56.8	25.6	76.6
150	154.8	0.0	306.8





#95
Naphthalene
Concen: 2.427 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.00 min
Lab File: VD057982.D
Acq: 7 Jun 2018 20:07

Instrument :
MSVOA_D
ClientSampleId :
HS-YARD-2

Tgt Ion:128 Resp: 36269

Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.2	15.2#
129	10.8	8.2	12.2