Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061219\
Data File : VD062683.D
Acq On : 12 Jun 2019 19:19
Operator : VA/AP
Sample : K3271-01
Misc : 5.61g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BAT-B1

Quant Time: Jun 13 08:13:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	800411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1047686	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	912477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	497589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	391799	33.92	ug/l	-0.02
Spiked Amount 50.000			Recovery = 67.84%			
35) Dibromofluoromethane	6.91	113	426615	38.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.22%			
50) Toluene-d8	10.40	98	815125	35.07	ug/l	-0.02
Spiked Amount 50.000			Recovery = 70.14%			
62) 4-Bromofluorobenzene	13.55	95	394343	36.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.74%			
Target Compounds						Qvalue
16) Acetone	3.21	43	31728	15.002	ug/l	96
52) Toluene	10.50	92	23639	1.502	ug/l	96
95) Naphthalene	16.13	128	6932	3.807	ug/l #	94

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

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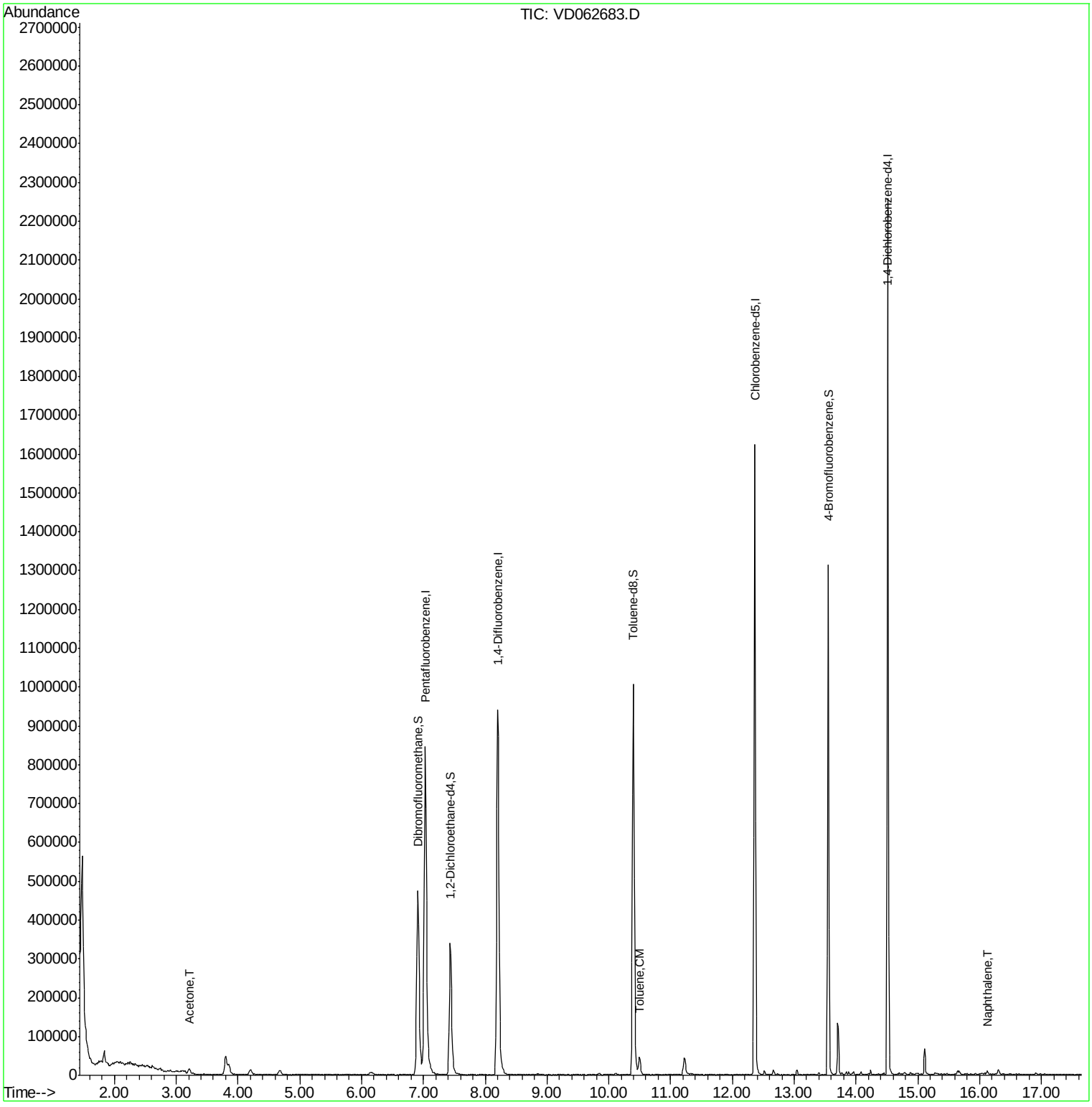
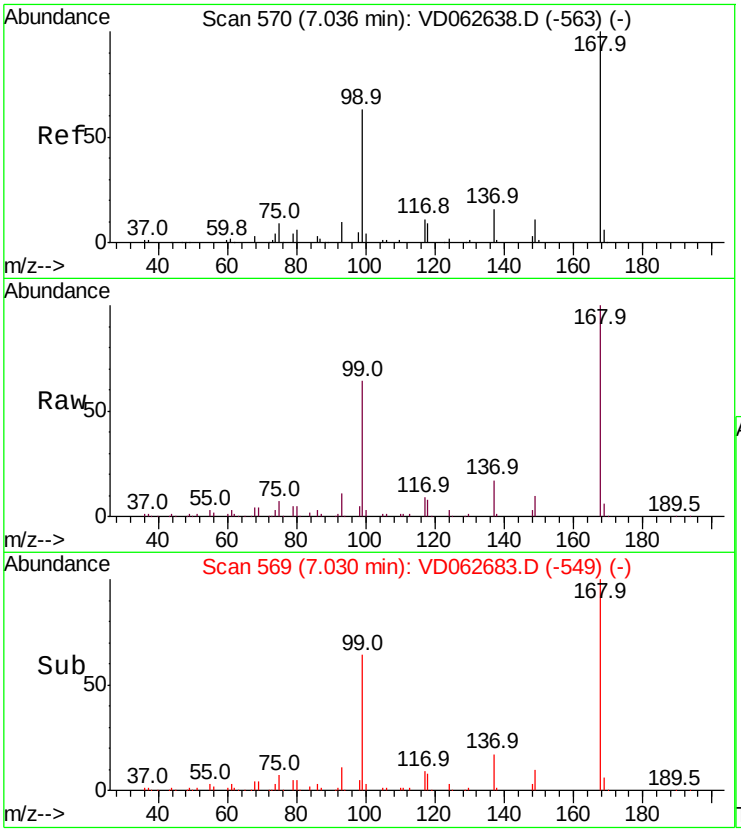


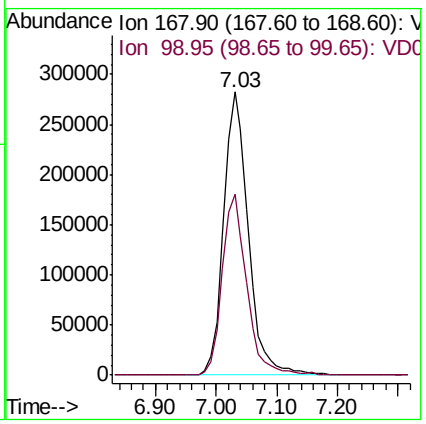


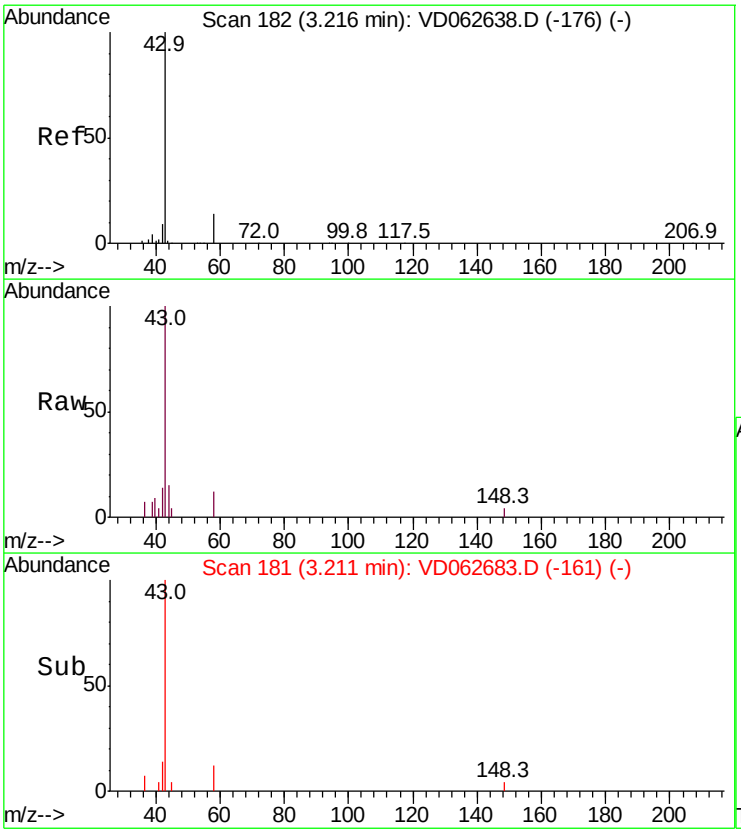
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Instrument :
MSVOA_D
ClientSampleId :
BAT-B1

Tgt Ion:168 Resp: 800411

Ion	Ratio	Lower	Upper
168	100		
99	63.8	51.4	77.2

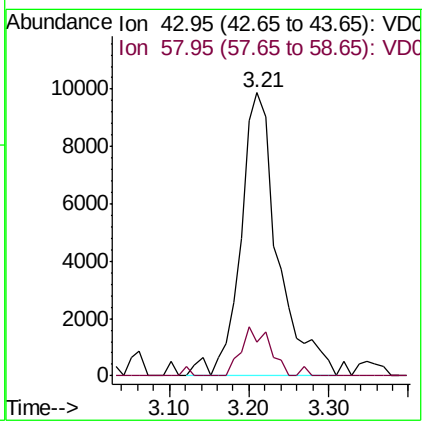


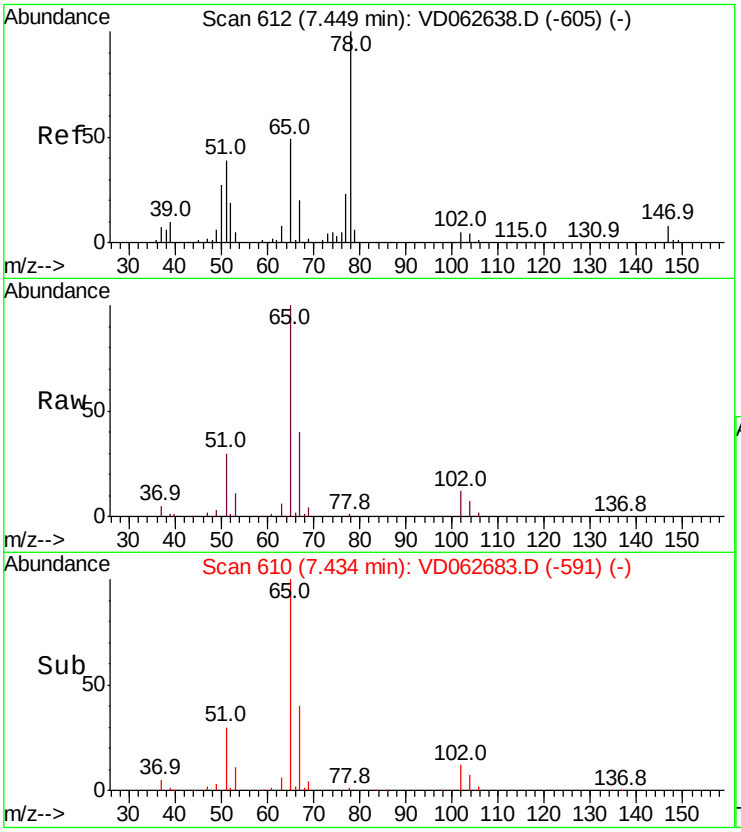


#16
Acetone
Concen: 15.002 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Tgt Ion: 43 Resp: 31728

Ion	Ratio	Lower	Upper
43	100		
58	12.1	10.8	16.2



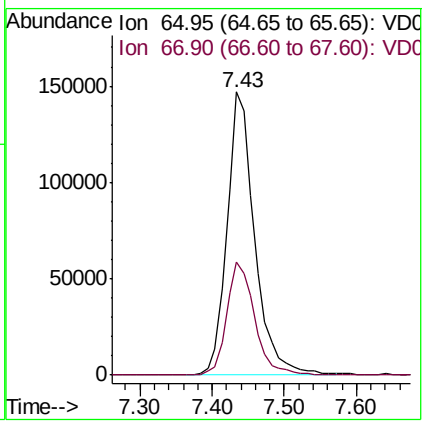


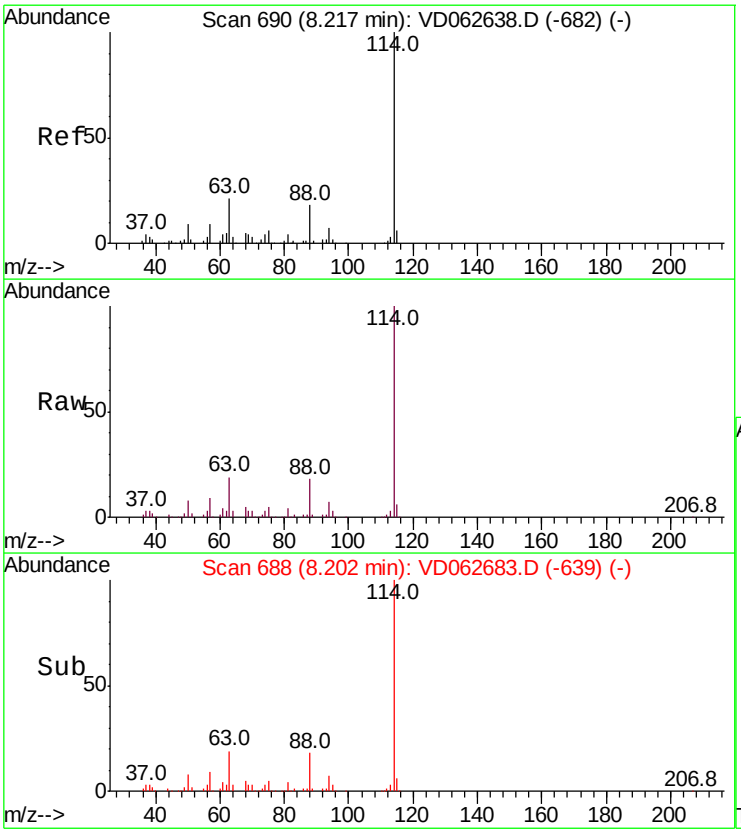
#33
1,2-Dichloroethane-d4
Concen: 33.922 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.02 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Instrument : MSVOA_D
ClientSampleId : BAT-B1

Tgt Ion: 65 Resp: 391799

Ion	Ratio	Lower	Upper
65	100		
67	40.0	0.0	81.8

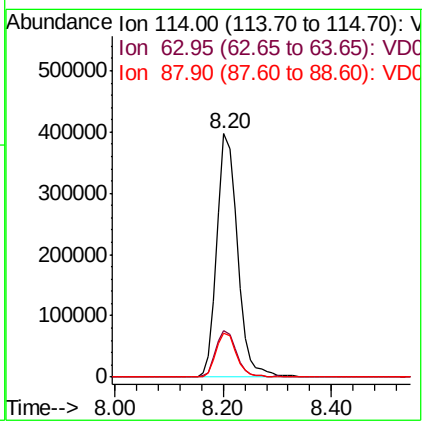


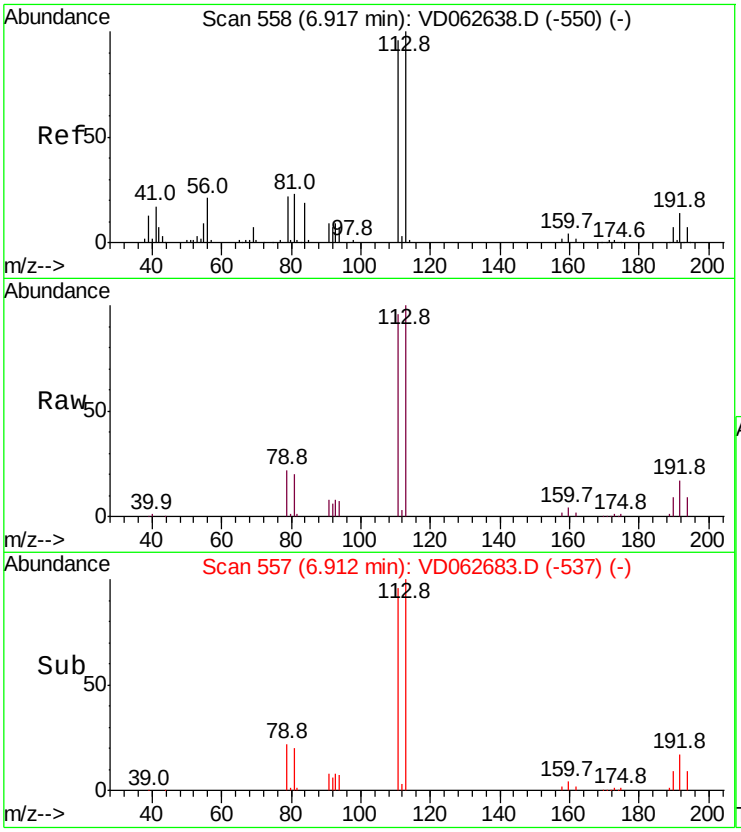


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.02 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Tgt Ion:114 Resp: 1047686

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.4
88	17.9	0.0	36.8



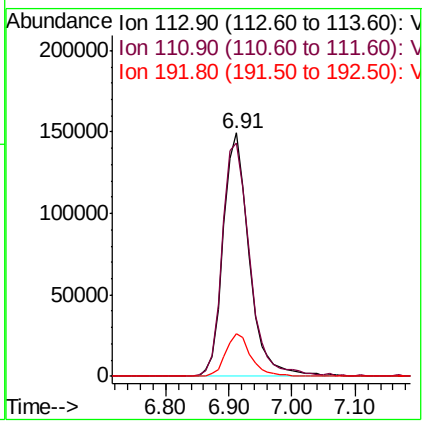


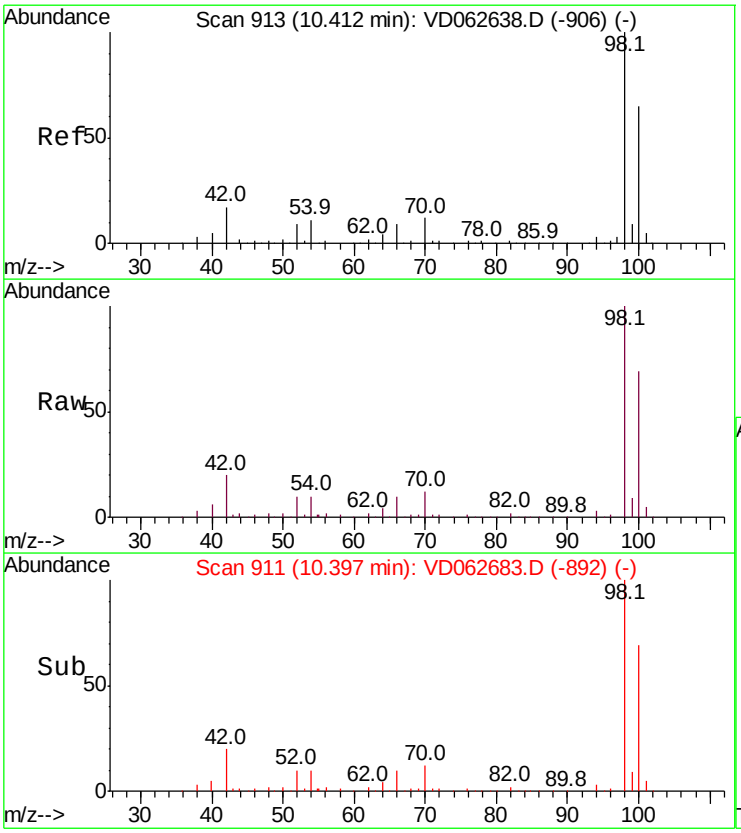
#35
Dibromofluoromethane
Concen: 38.610 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.01 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Instrument : MSVOA_D
ClientSampleId : BAT-B1

Tgt Ion:113 Resp: 426615

Ion	Ratio	Lower	Upper
113	100		
111	95.8	76.4	114.6
192	17.4	11.4	17.0#

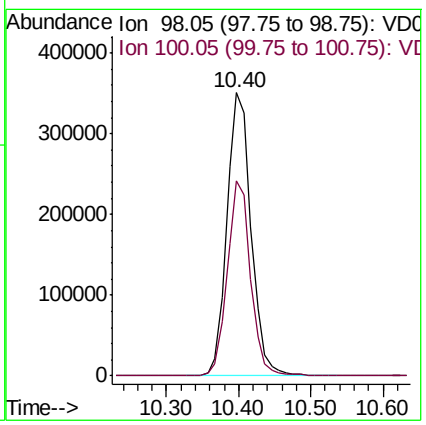


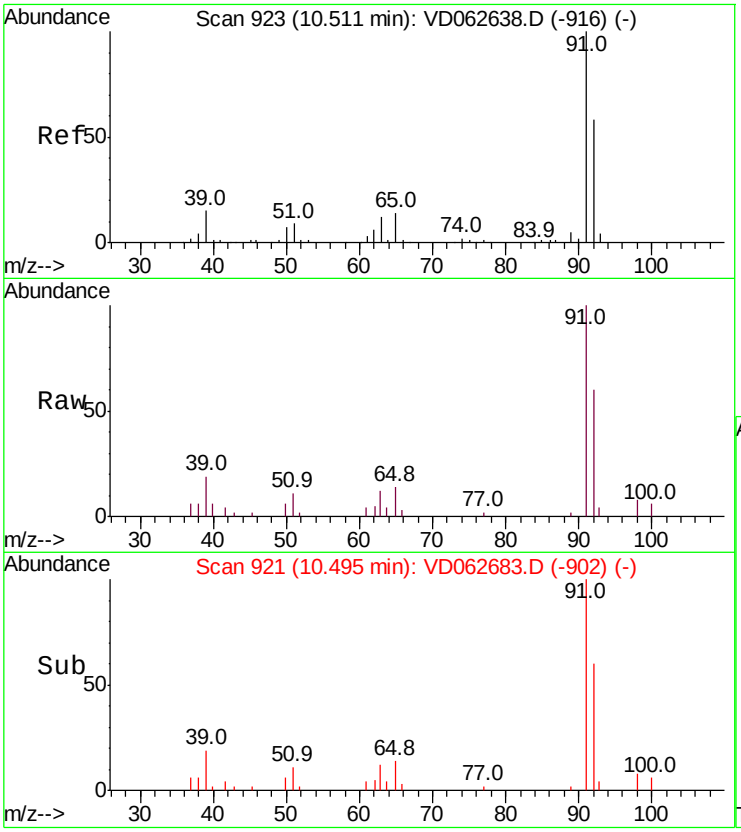


#50
Toluene-d8
Concen: 35.069 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Tgt Ion: 98 Resp: 815125

Ion	Ratio	Lower	Upper
98	100		
100	69.0	52.1	78.1



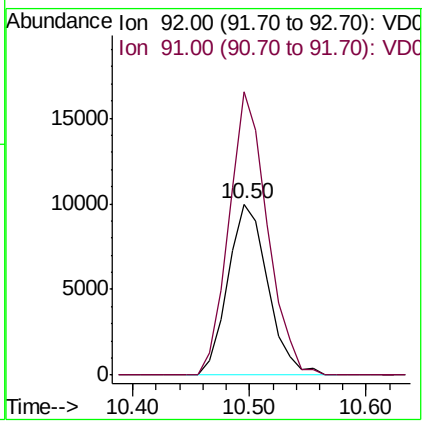


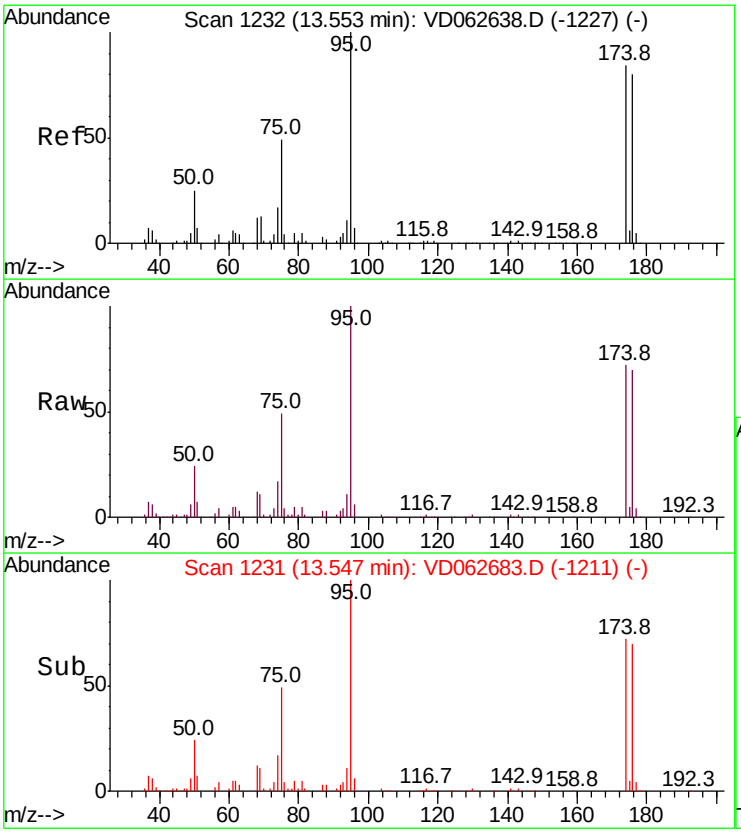
#52
Toluene
Concen: 1.502 ug/l
RT: 10.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Instrument : MSVOA_D
ClientSampleId : BAT-B1

Tgt Ion: 92 Resp: 23639

Ion	Ratio	Lower	Upper
92	100		
91	165.6	137.0	205.6

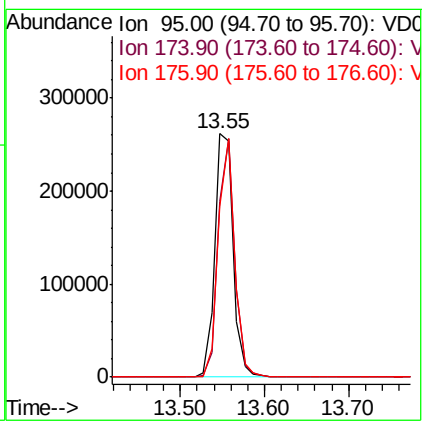


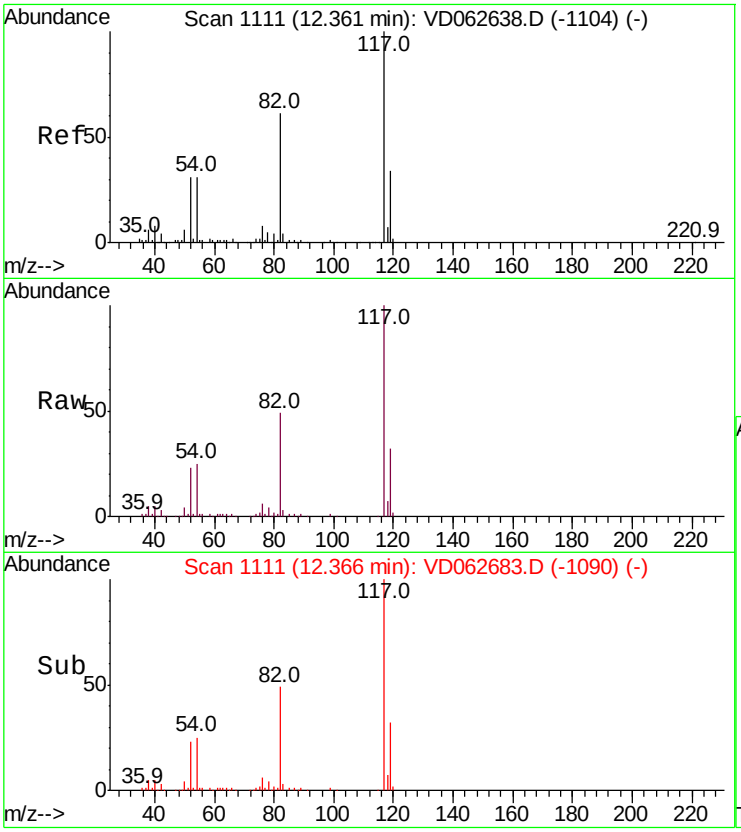


#62
4-Bromofluorobenzene
Concen: 36.365 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Tgt Ion: 95 Resp: 394343

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	167.0
176	70.1	0.0	159.2



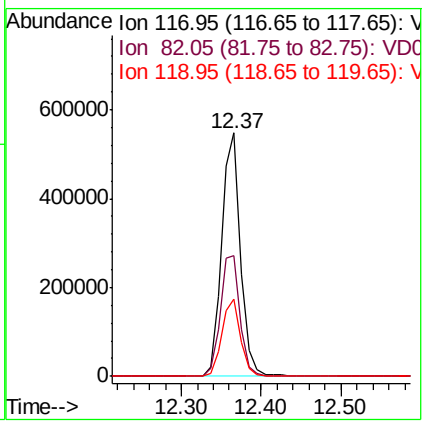


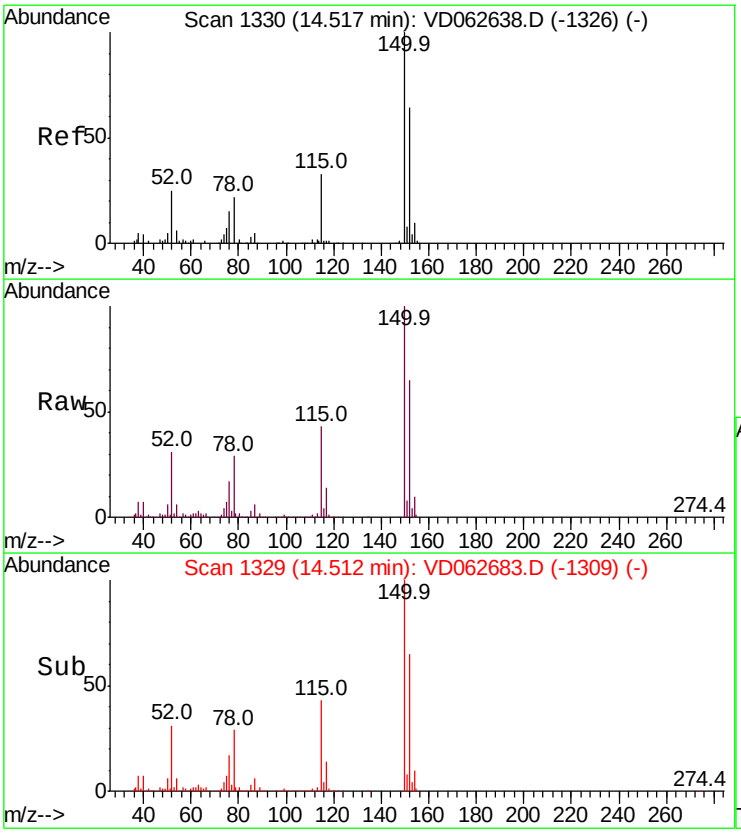
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Instrument : MSVOA_D
ClientSampleId : BAT-B1

Tgt Ion:117 Resp: 912477

Ion	Ratio	Lower	Upper
117	100		
82	49.4	48.7	73.1
119	31.5	27.0	40.6

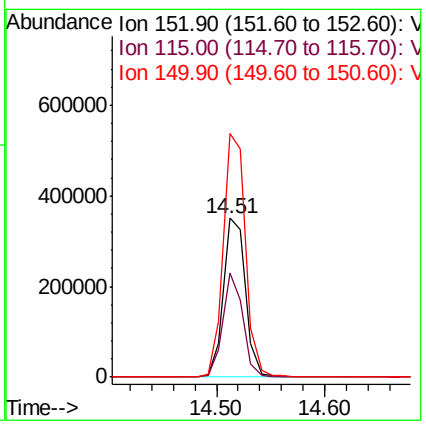


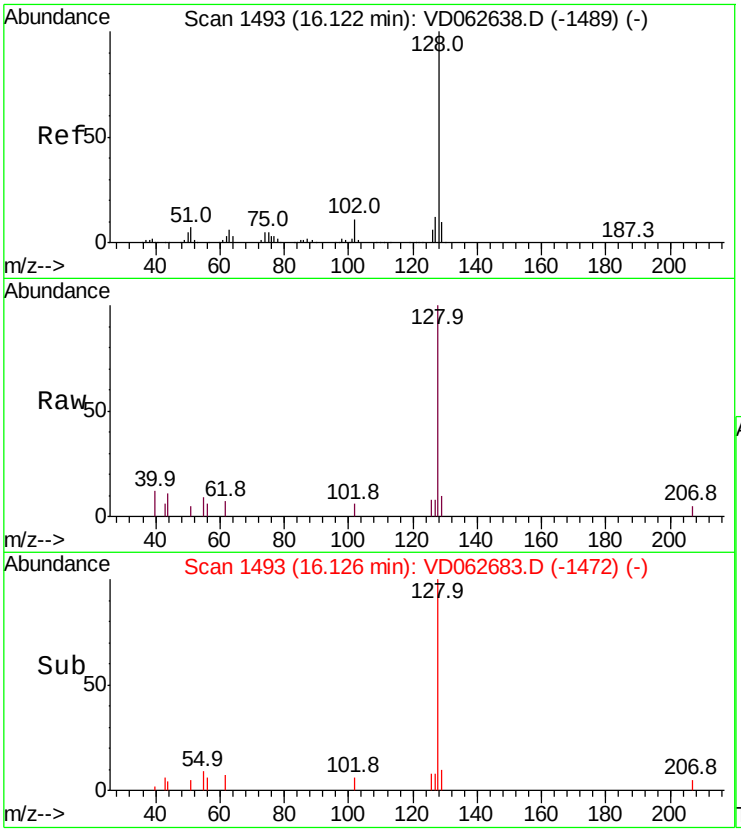


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Tgt Ion:152 Resp: 497589

Ion	Ratio	Lower	Upper
152	100		
115	66.0	30.1	90.5
150	153.5	0.0	314.0





#95
Naphthalene
Concen: 3.807 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD062683.D
Acq: 12 Jun 2019 19:19

Instrument :
MSVOA_D
ClientSampleId :
BAT-B1

Tgt Ion:128 Resp: 6932

Ion	Ratio	Lower	Upper
128	100		
127	8.1	9.7	14.5#
129	9.6	8.1	12.1