Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081919\
Data File : VD063651.D
Acq On : 19 Aug 2019 12:12
Operator : JC/SY
Sample : VD0819SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0819SBL01

Quant Time: Aug 20 08:22:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1058029	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1546740	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1259678	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	642735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	619311	54.76	ug/l	-0.02
Spiked Amount 50.000			Recovery = 109.52%			
35) Dibromofluoromethane	6.92	113	652440	50.08	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.16%			
50) Toluene-d8	10.40	98	1349656	47.13	ug/l	-0.02
Spiked Amount 50.000			Recovery = 94.26%			
62) 4-Bromofluorobenzene	13.55	95	640029	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.62%			

Target Compounds	Qvalue

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

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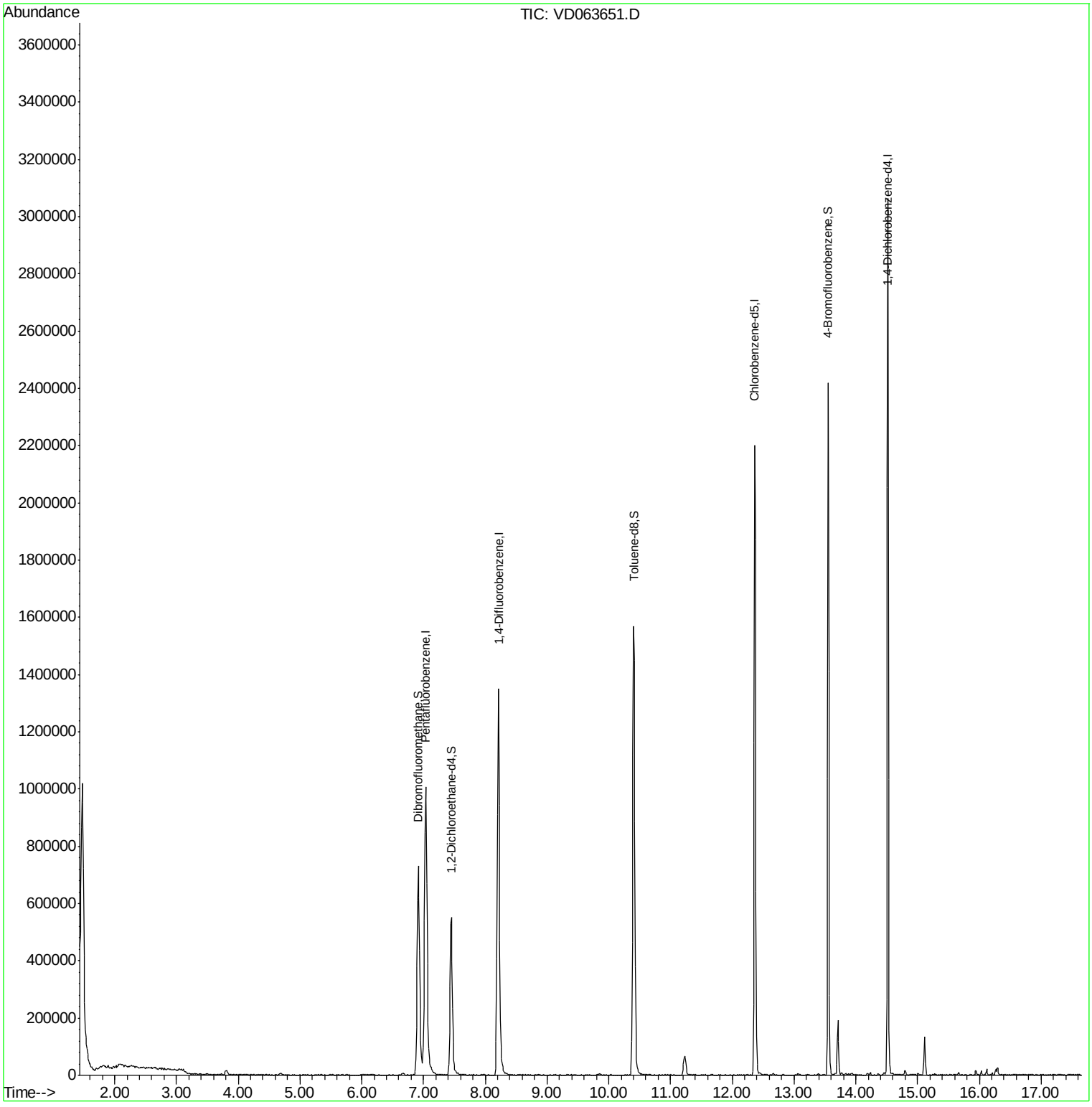
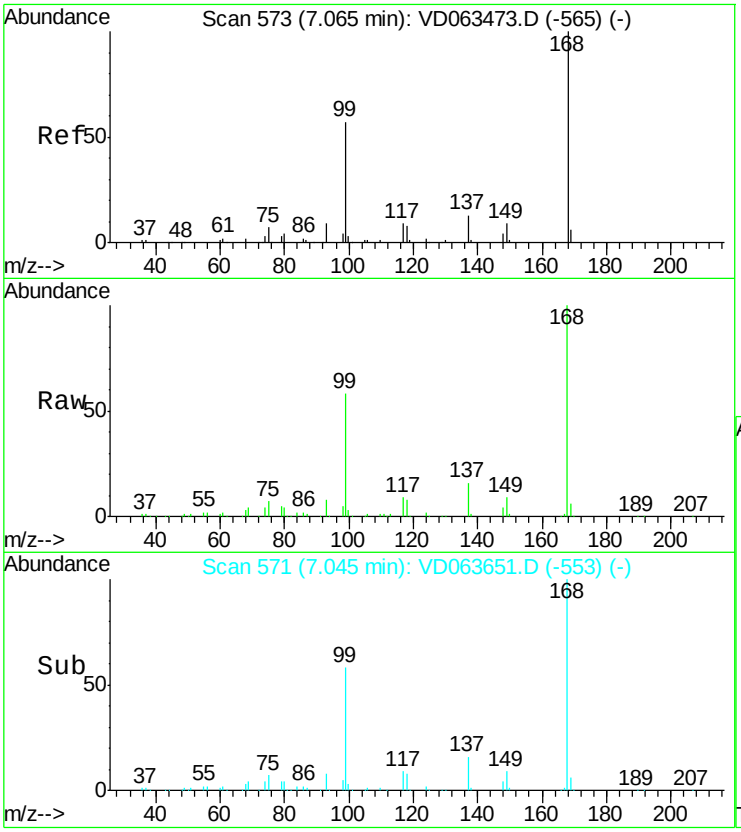


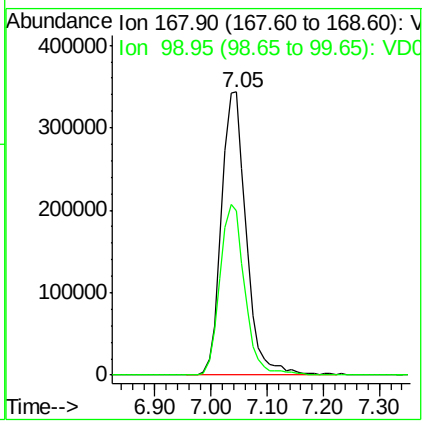


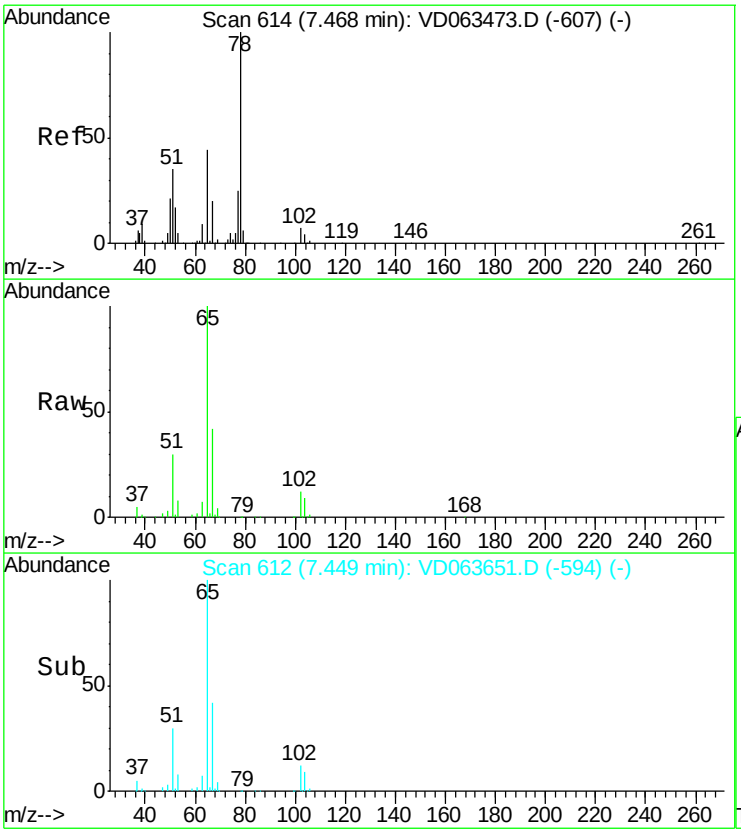
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

Tgt Ion:168 Resp: 1058029

Ion	Ratio	Lower	Upper
168	100		
99	58.2	46.7	70.1

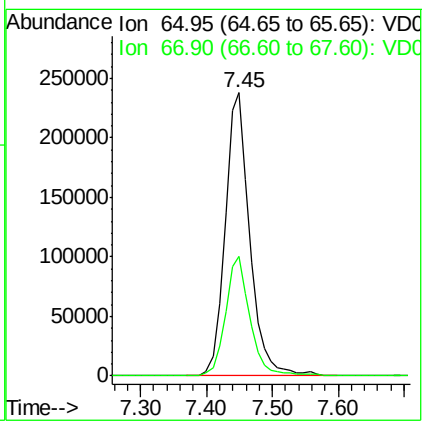


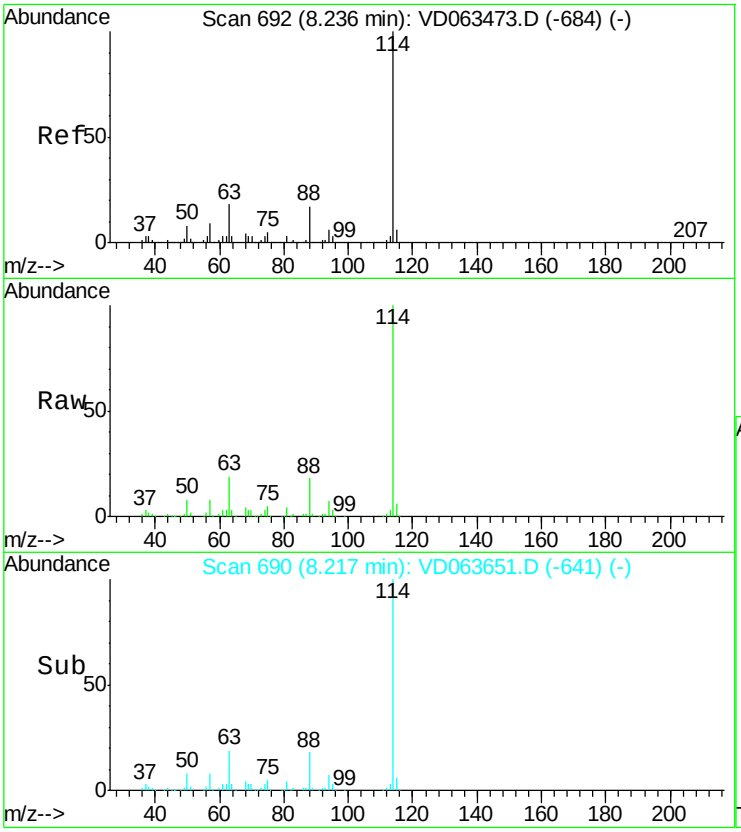


#33
1,2-Dichloroethane-d4
Concen: 54.760 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Tgt Ion: 65 Resp: 619311

Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	89.2



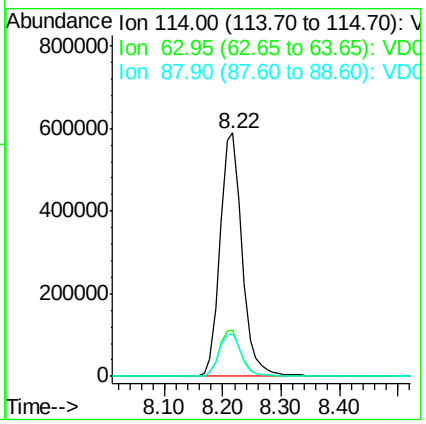


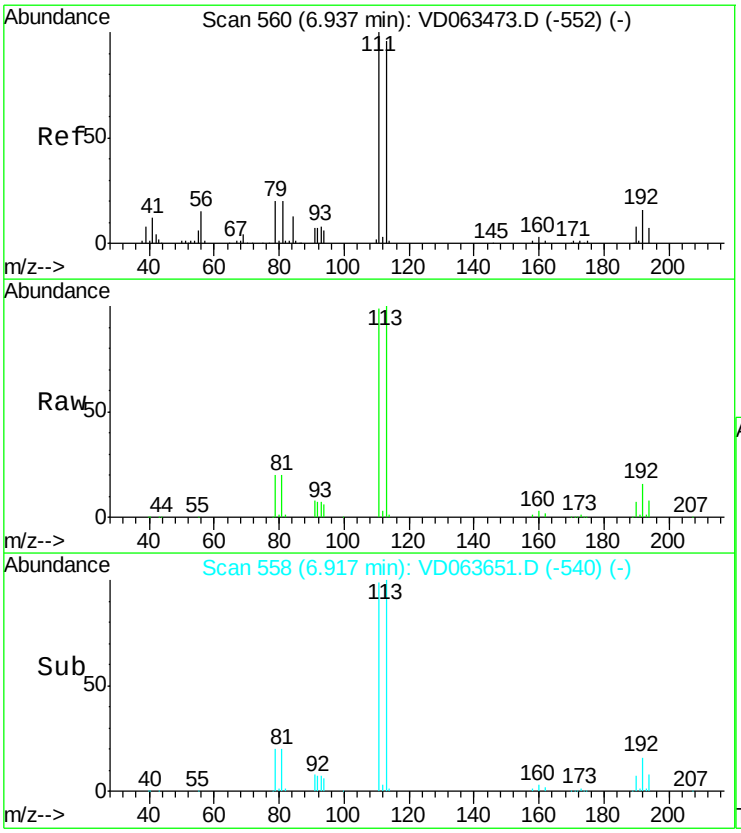
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.02 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

Tgt Ion:114 Resp: 1546740

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.2
88	17.7	0.0	35.0

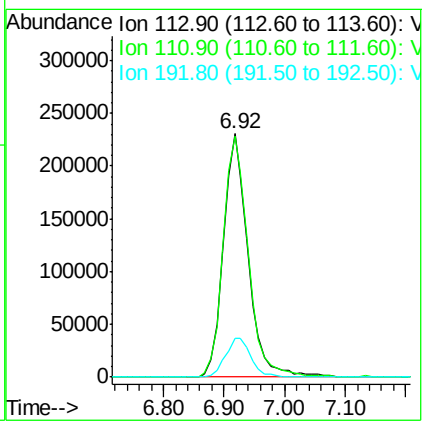


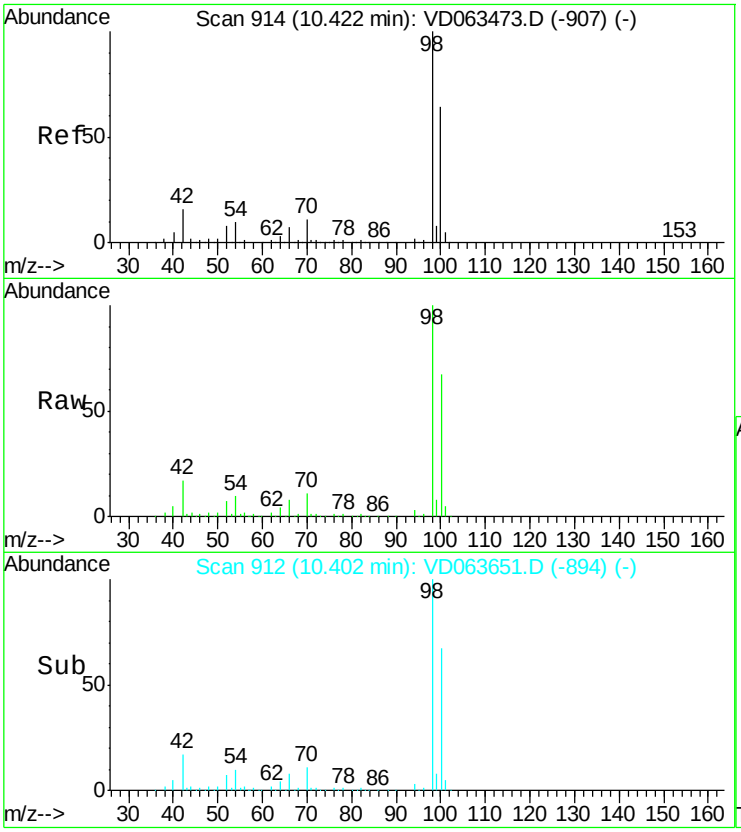


#35
Dibromofluoromethane
Concen: 50.085 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Tgt Ion:113 Resp: 652440

Ion	Ratio	Lower	Upper
113	100		
111	98.8	83.1	124.7
192	15.8	13.1	19.7



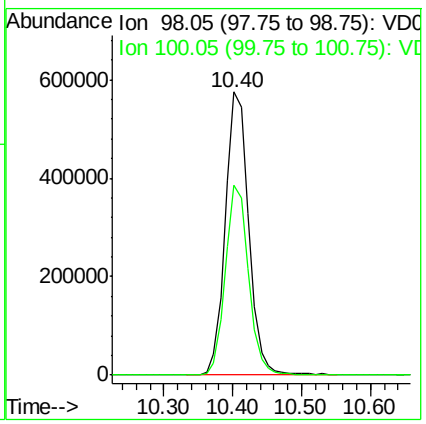


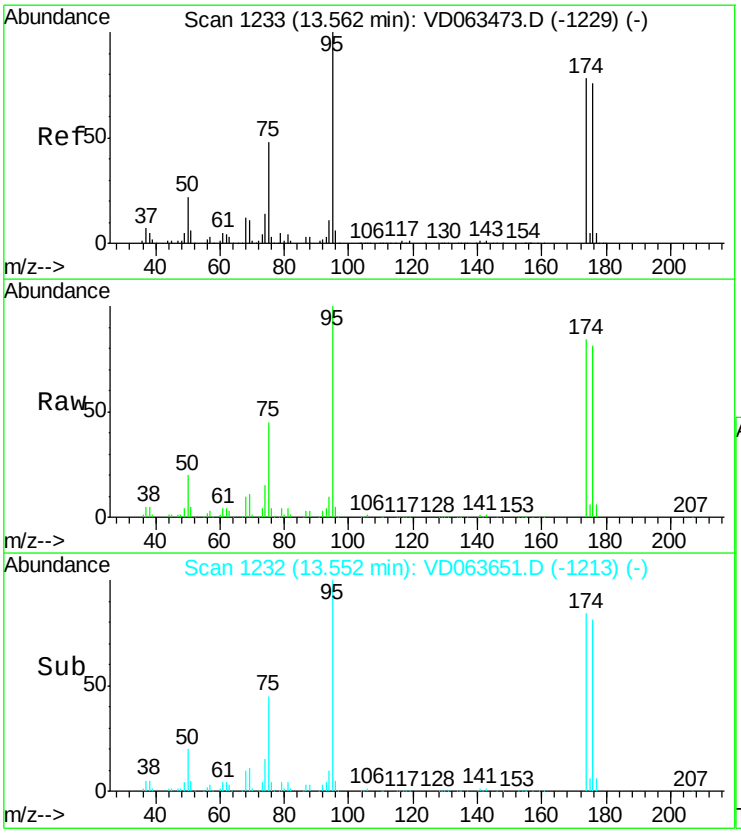
#50
Toluene-d8
Concen: 47.125 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

Tgt Ion: 98 Resp: 1349656

Ion	Ratio	Lower	Upper
98	100		
100	67.3	51.7	77.5

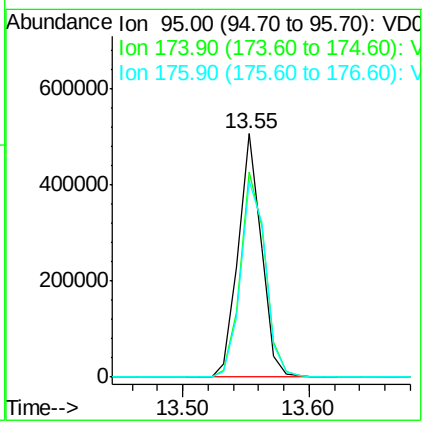


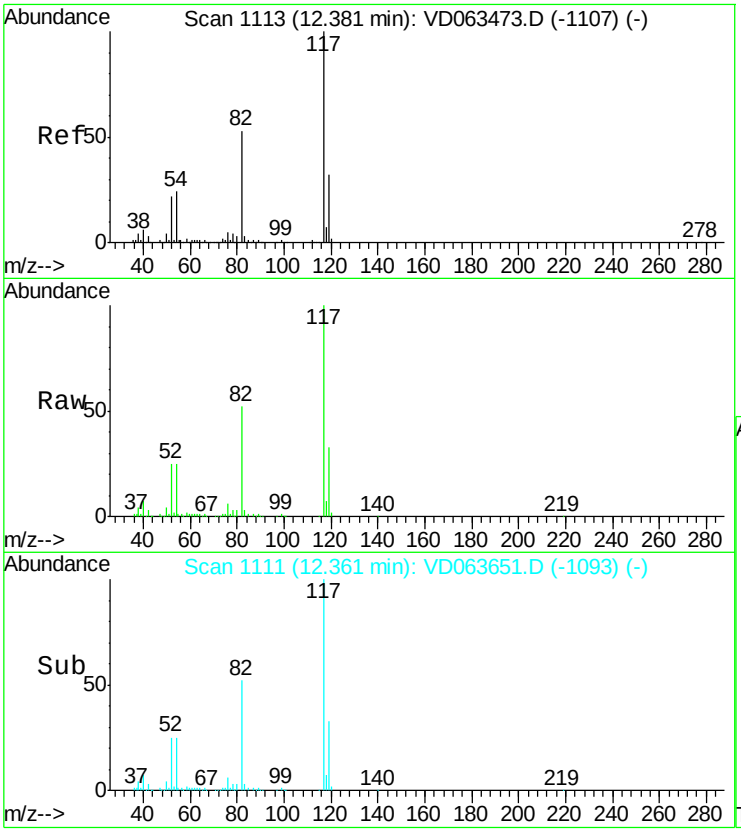


#62
4-Bromofluorobenzene
Concen: 49.306 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Tgt Ion: 95 Resp: 640029

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	155.4
176	80.5	0.0	152.4



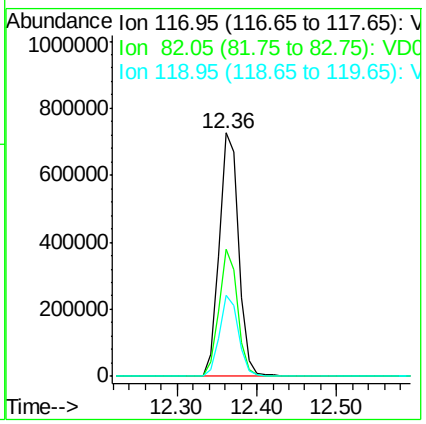


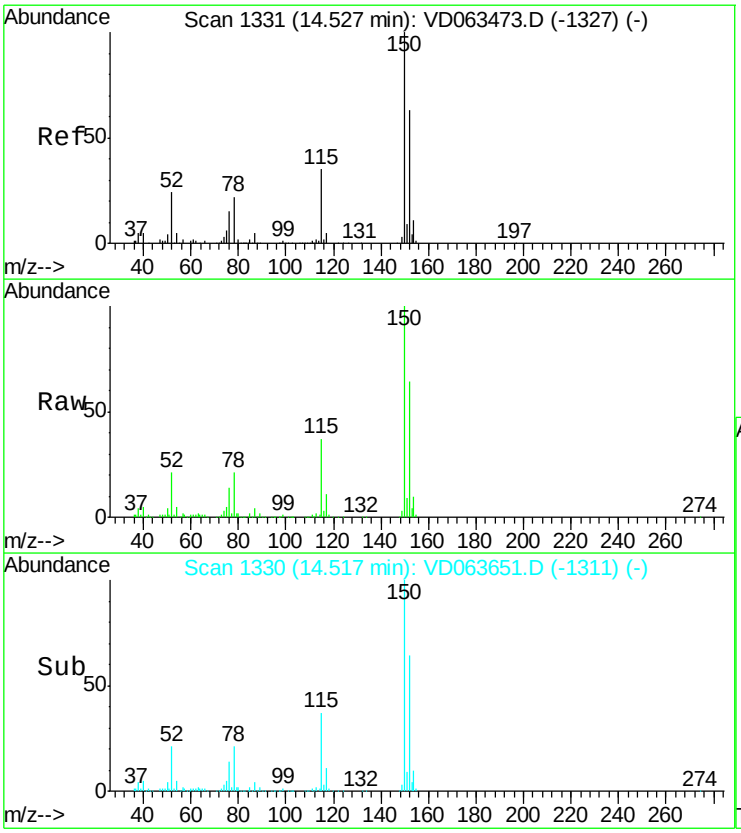
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Instrument : MSVOA_D
ClientSampleId : VD0819SBL01

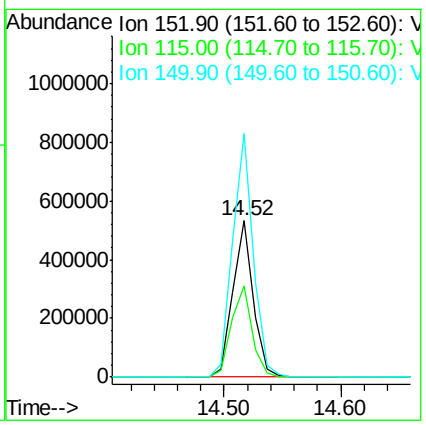
Tgt Ion:117 Resp: 1259678

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.0	63.0
119	33.1	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063651.D
Acq: 19 Aug 2019 12:12

Tgt Ion:152 Resp: 642735

Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.9	92.7
150	156.0	0.0	318.6