Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070119\
Data File : VD062995.D
Acq On : 1 Jul 2019 17:30
Operator : VA/AP
Sample : K3592-03
Misc : 5.20g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200052

Quant Time: Jul 02 08:11:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	884775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1198457	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	963151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	420966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	468503	48.71	ug/l	-0.01
Spiked Amount 50.000			Recovery = 97.42%			
35) Dibromofluoromethane	6.93	113	538980	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.68%			
50) Toluene-d8	10.41	98	1155219	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.04%			
62) 4-Bromofluorobenzene	13.55	95	435300	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.06%			

Target Compounds	Qvalue

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

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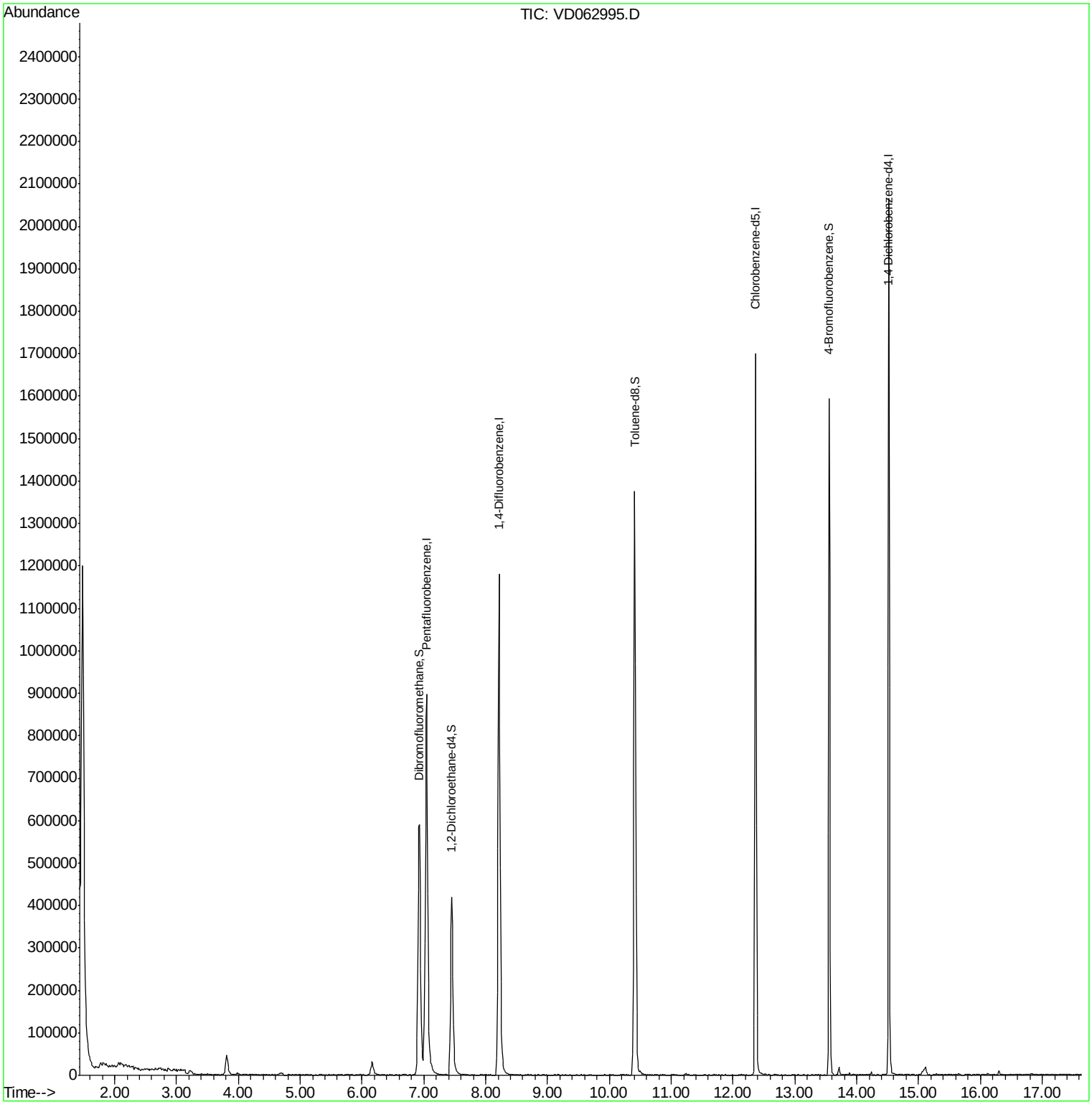
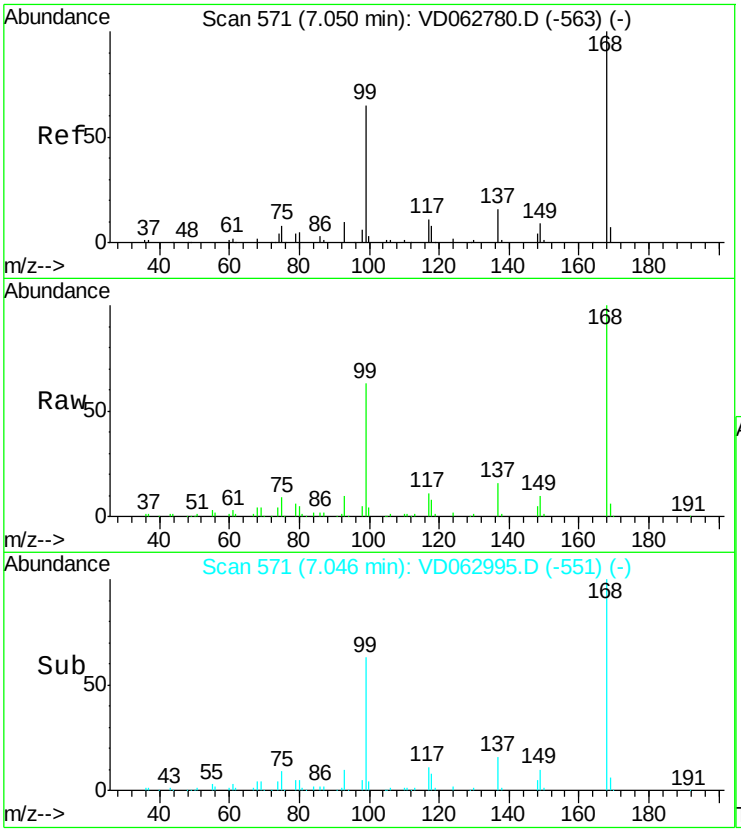


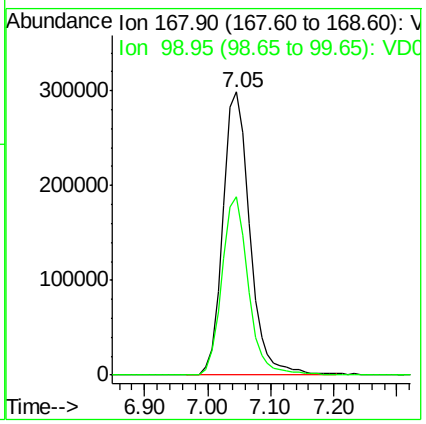


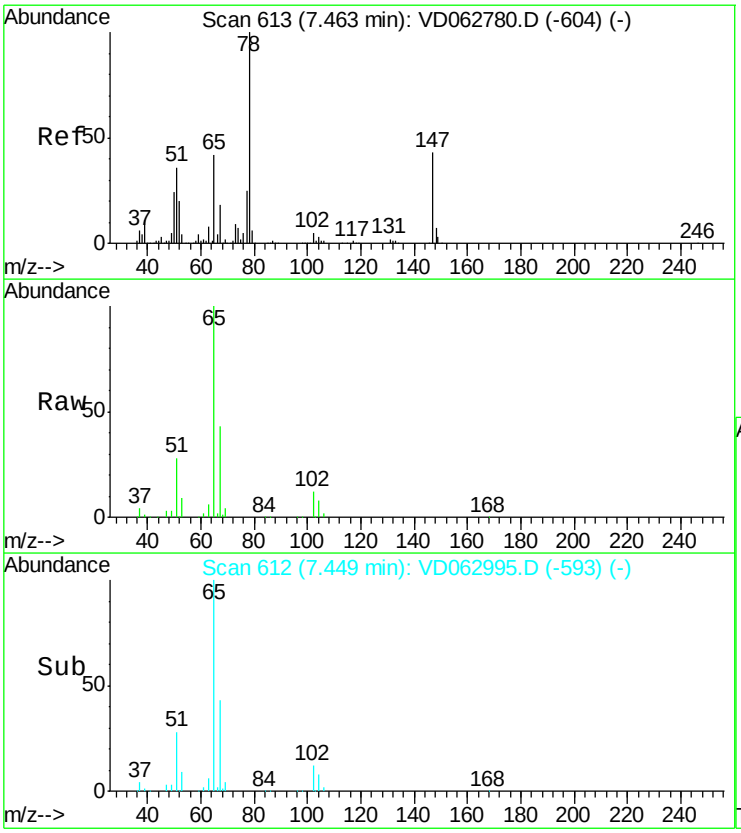
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Instrument : MSVOA_D
ClientSampleId : RBR-200052

Tgt Ion:168 Resp: 884775

Ion	Ratio	Lower	Upper
168	100		
99	63.1	53.0	79.6

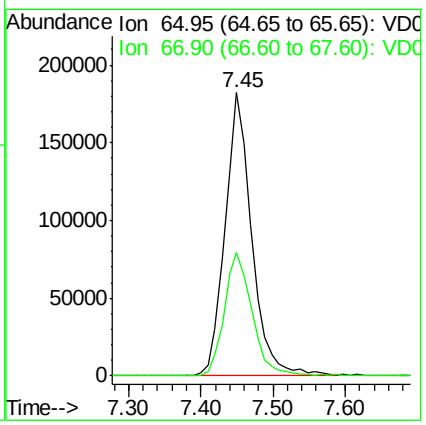


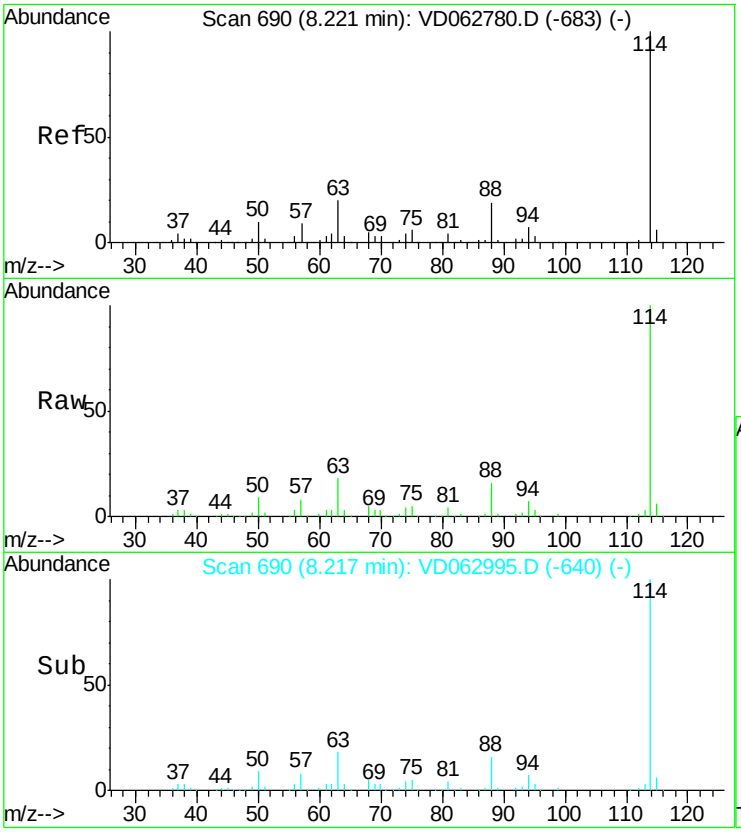


#33
1,2-Dichloroethane-d4
Concen: 48.714 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Tgt Ion: 65 Resp: 468503

Ion	Ratio	Lower	Upper
65	100		
67	43.5	0.0	87.4



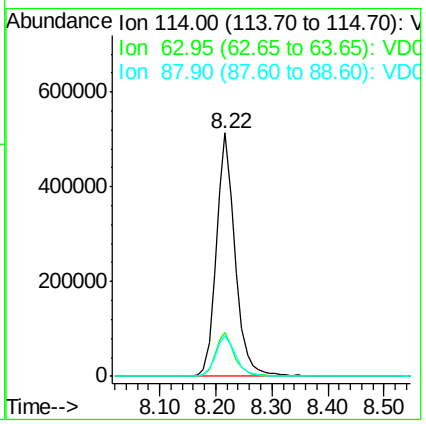


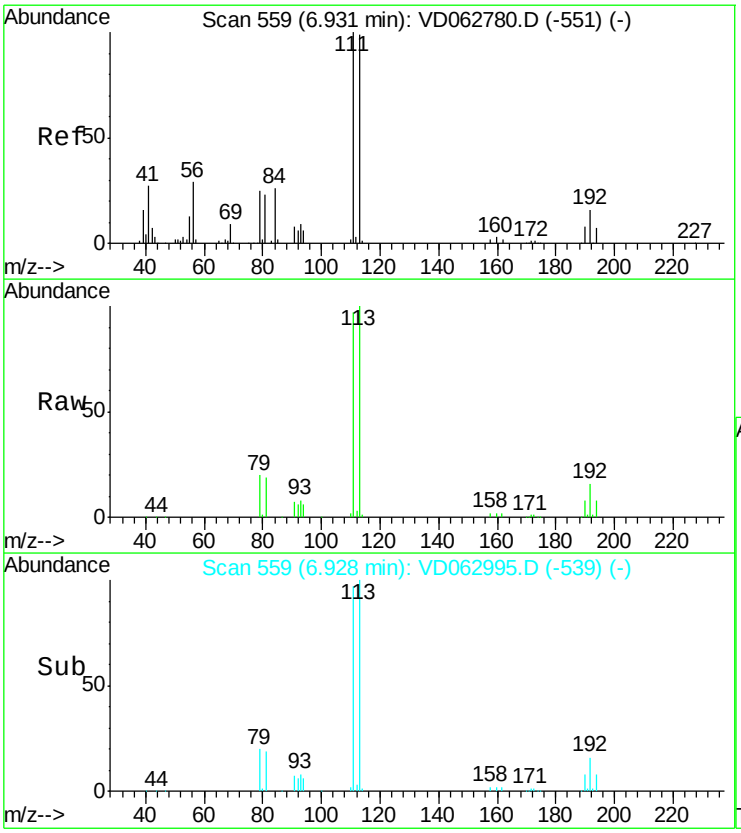
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
RBR-200052

Tgt Ion:114 Resp: 1198457

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	40.0
88	16.4	0.0	38.8

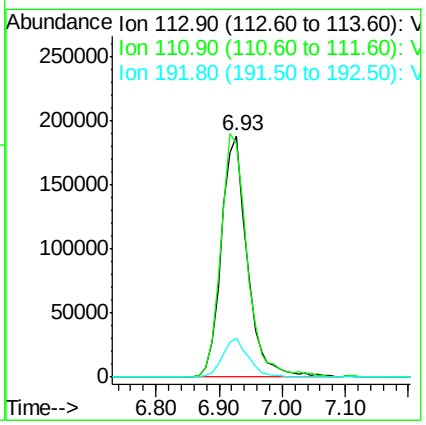


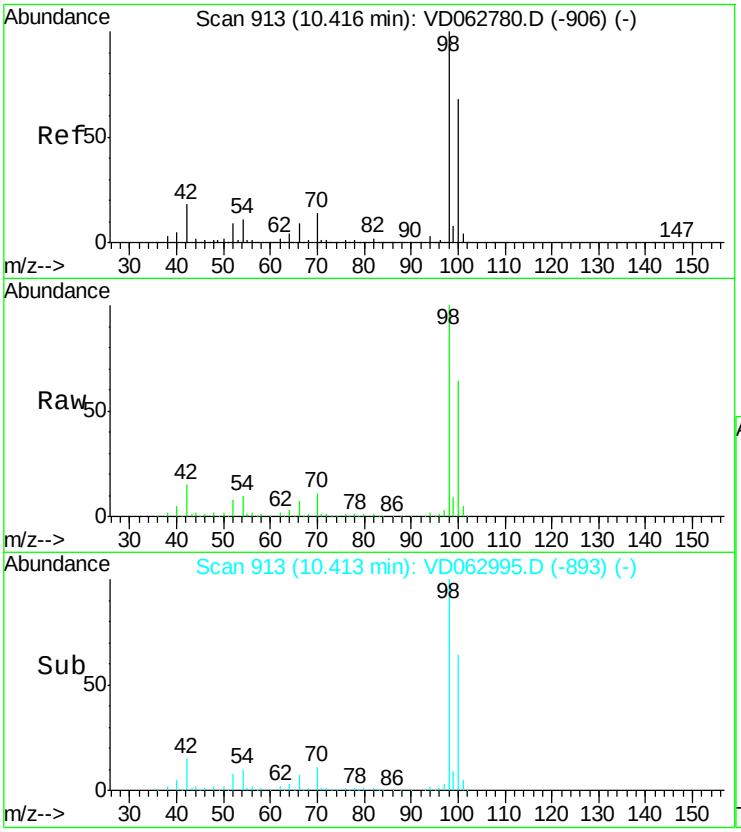


#35
Dibromofluoromethane
Concen: 53.336 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Tgt Ion:113 Resp: 538980

Ion	Ratio	Lower	Upper
113	100		
111	96.7	81.2	121.8
192	16.1	12.9	19.3



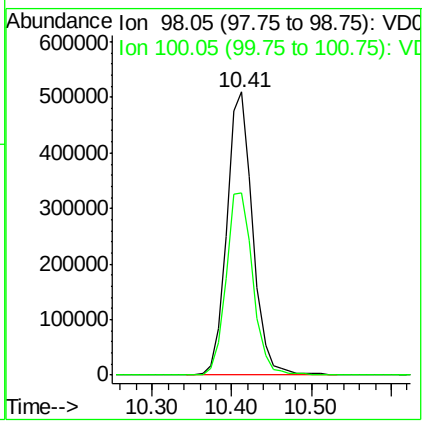


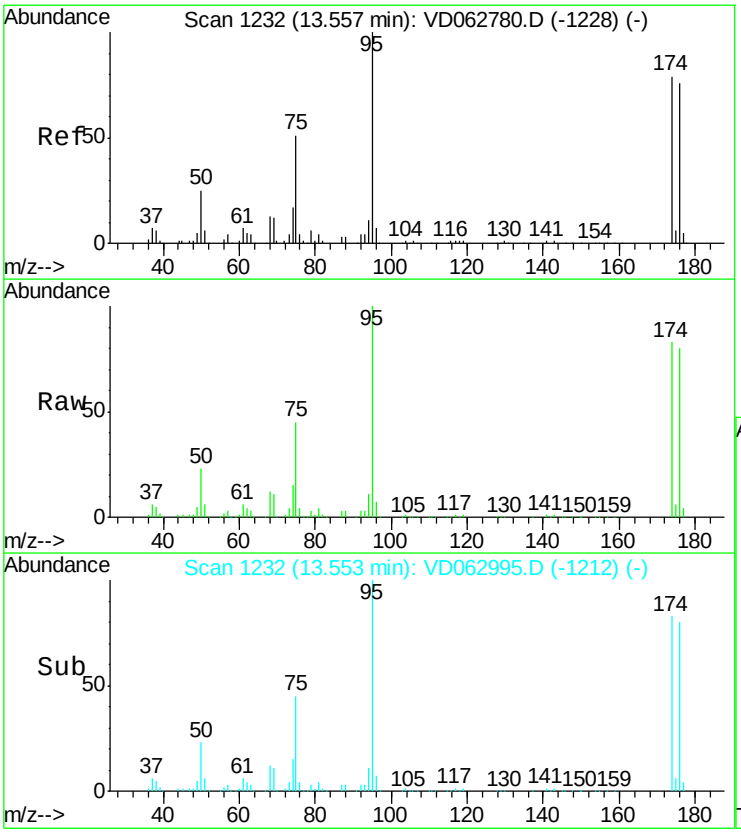
#50
Toluene-d8
Concen: 52.525 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Instrument :
MSVOA_D
ClientSampleId :
RBR-200052

Tgt Ion: 98 Resp: 1155219

Ion	Ratio	Lower	Upper
98	100		
100	64.5	54.7	82.1

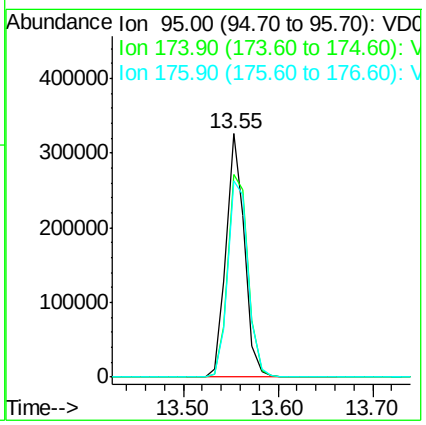


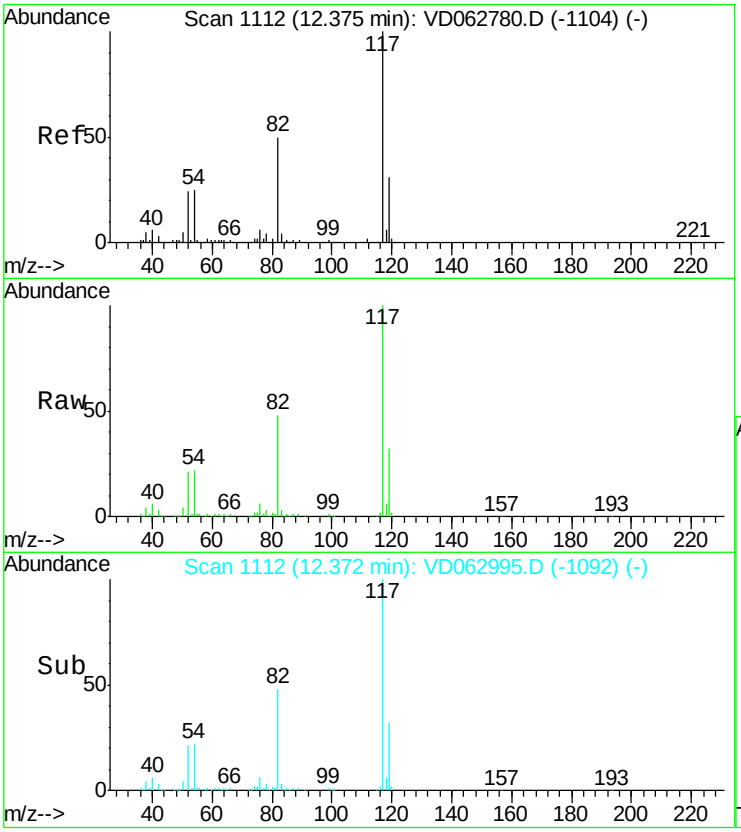


#62
4-Bromofluorobenzene
Concen: 43.527 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Tgt Ion: 95 Resp: 435300

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	158.0
176	80.5	0.0	151.6



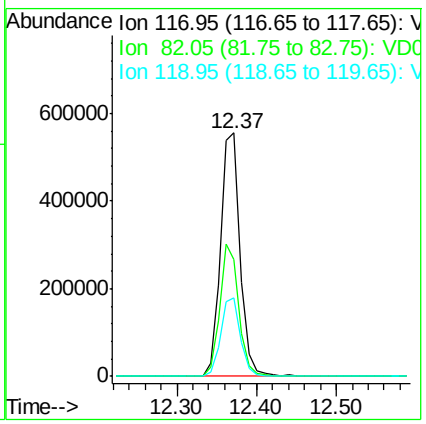


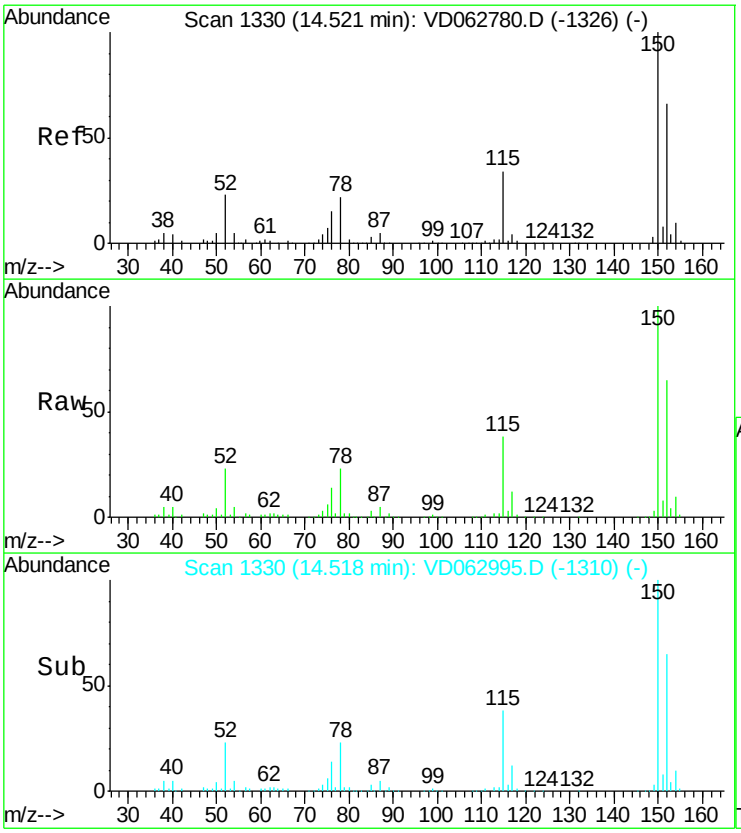
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Instrument : MSVOA_D
ClientSampleId : RBR-200052

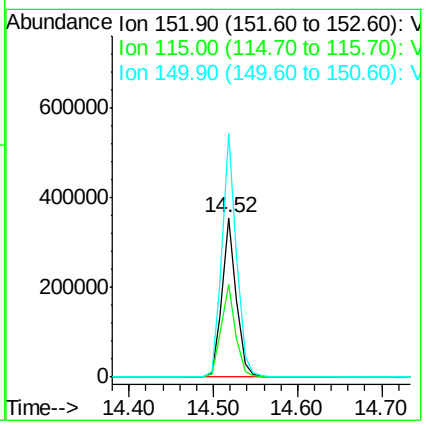
Tgt Ion:117 Resp: 963151

Ion	Ratio	Lower	Upper
117	100		
82	48.1	40.4	60.6
119	32.0	25.2	37.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062995.D
Acq: 1 Jul 2019 17:30

Tgt Ion:152 Resp: 420966

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.2	87.6
150	152.9	0.0	305.8