Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091520\
Data File : VD066706.D
Acq On : 15 Sep 2020 19:48
Operator : VA/SY
Sample : L4005-03
Misc : 5.83G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 32-34

Quant Time: Sep 16 02:05:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	716090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	706605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	320821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	250890	61.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.22%			
35) Dibromofluoromethane	7.91	113	246813	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.44%			
50) Toluene-d8	10.34	98	883665	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.98%			
62) 4-Bromofluorobenzene	12.63	95	336587	62.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 124.68%			

Target Compounds	Qvalue

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

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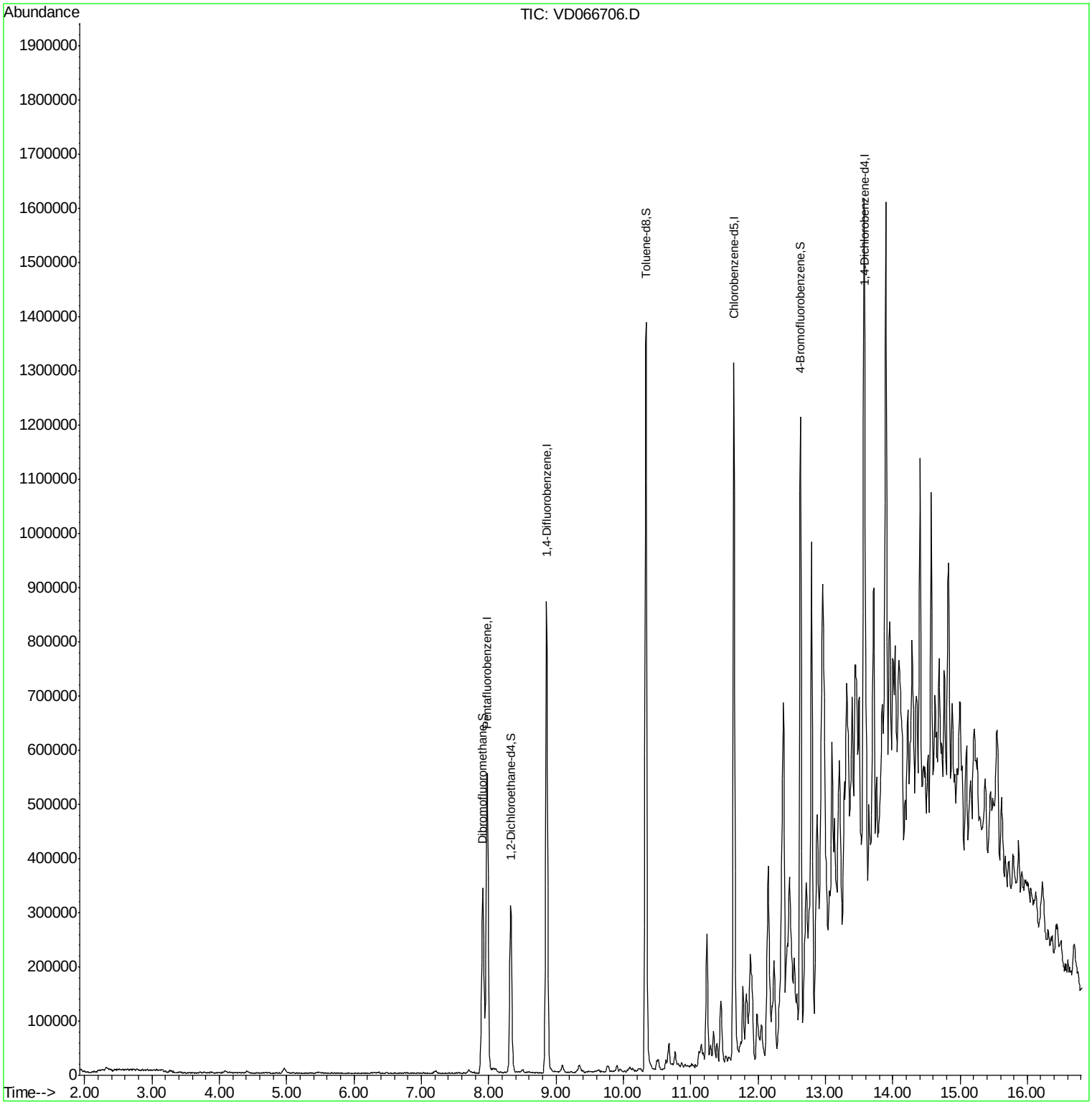
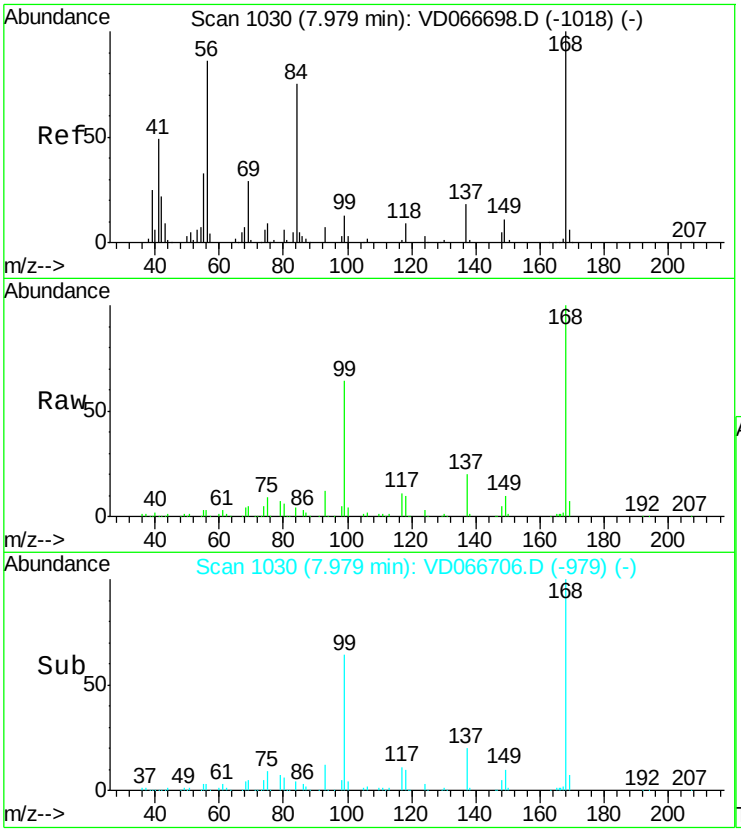


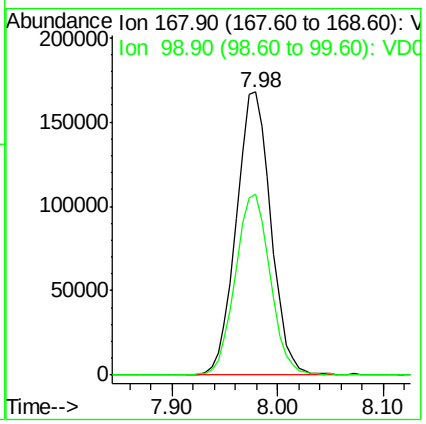


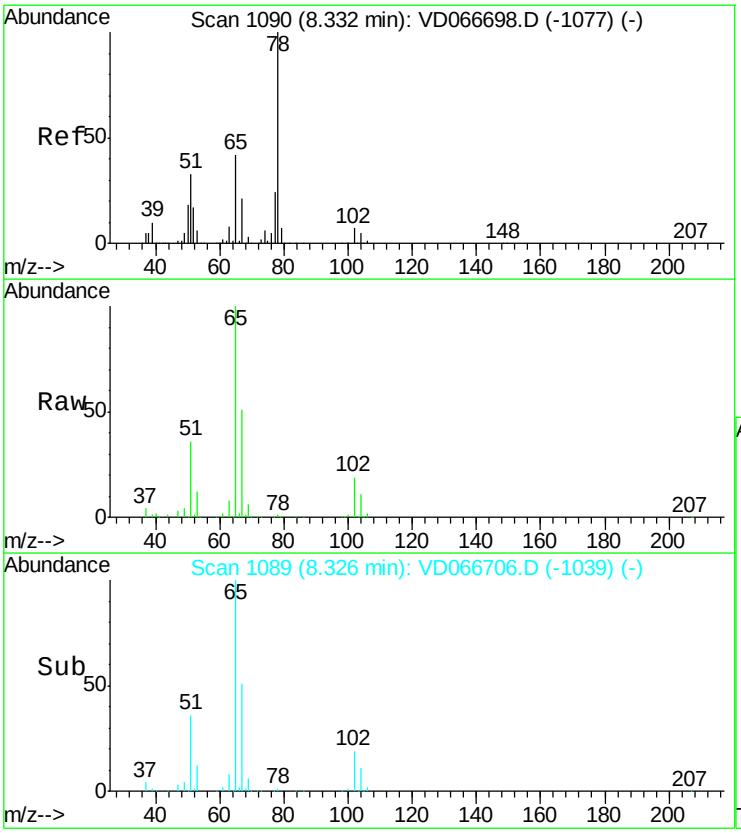
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Instrument :
MSVOA_D
ClientSampleId :
32-34

Tgt Ion:168 Resp: 381698

Ion	Ratio	Lower	Upper
168	100		
99	63.7	54.4	81.6

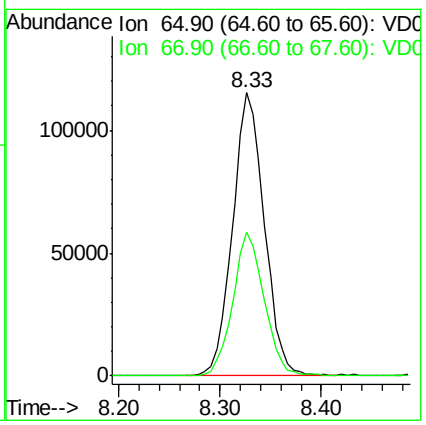


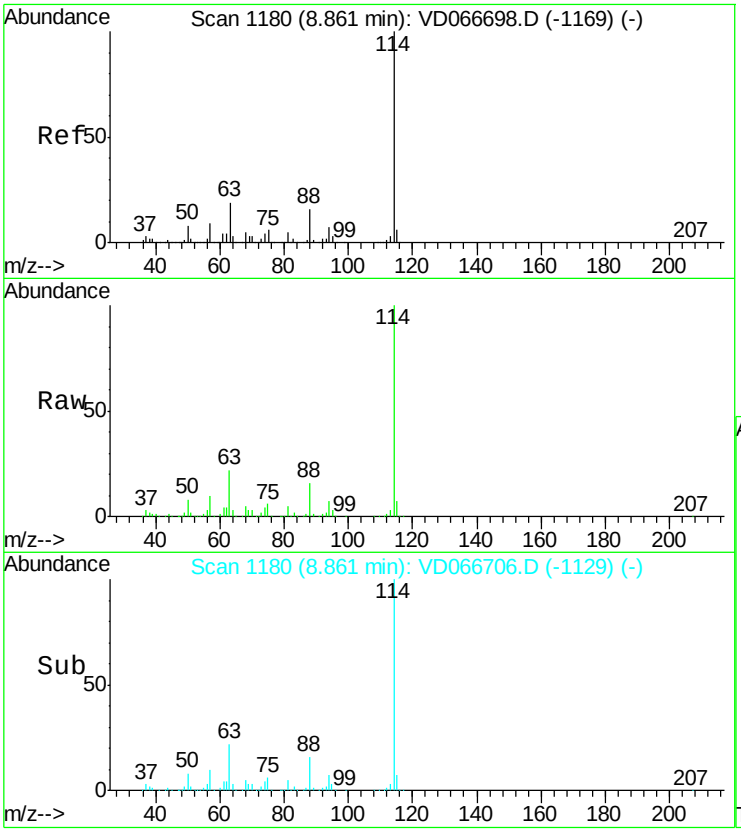


#33
1,2-Dichloroethane-d4
Concen: 61.606 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Tgt Ion: 65 Resp: 250890

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	102.2



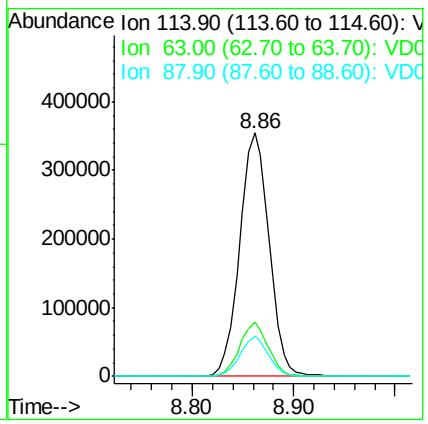


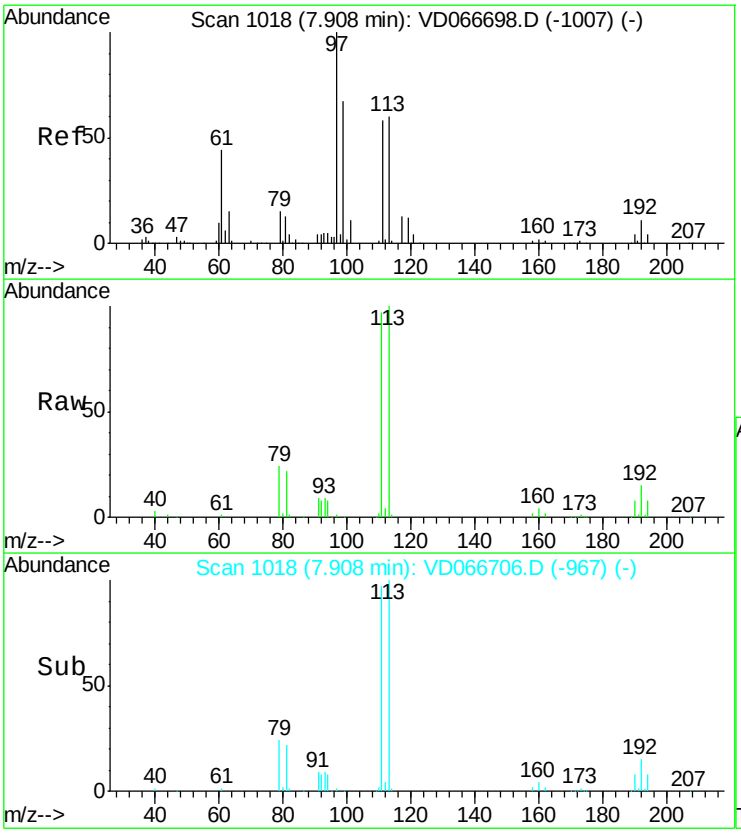
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Instrument : MSVOA_D
ClientSampleId : 32-34

Tgt Ion:114 Resp: 716090

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	37.6
88	16.4	0.0	32.2

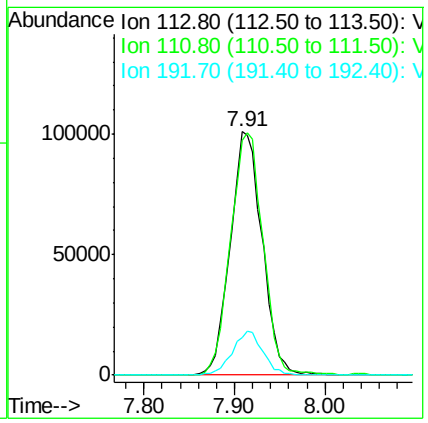


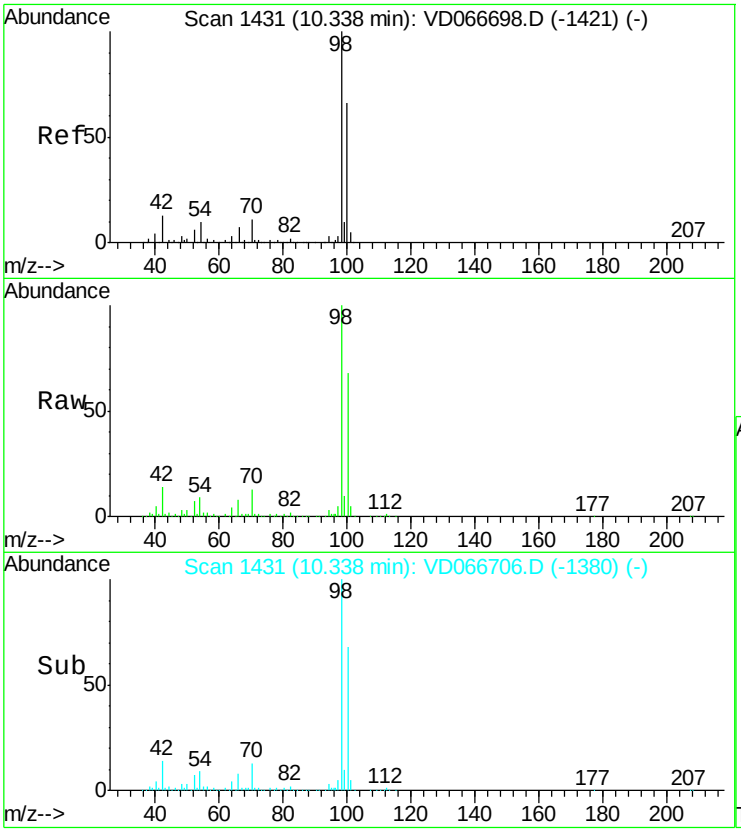


#35
Dibromofluoromethane
Concen: 56.218 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Tgt Ion:113 Resp: 246813

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.2	124.8
192	17.2	14.8	22.2



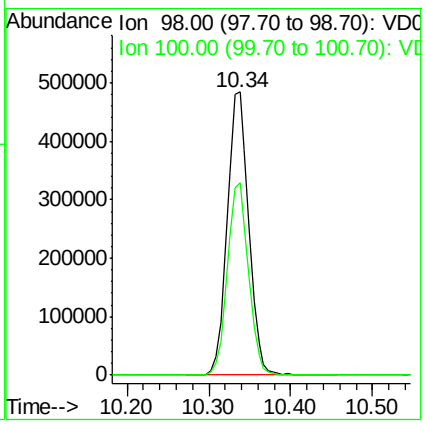


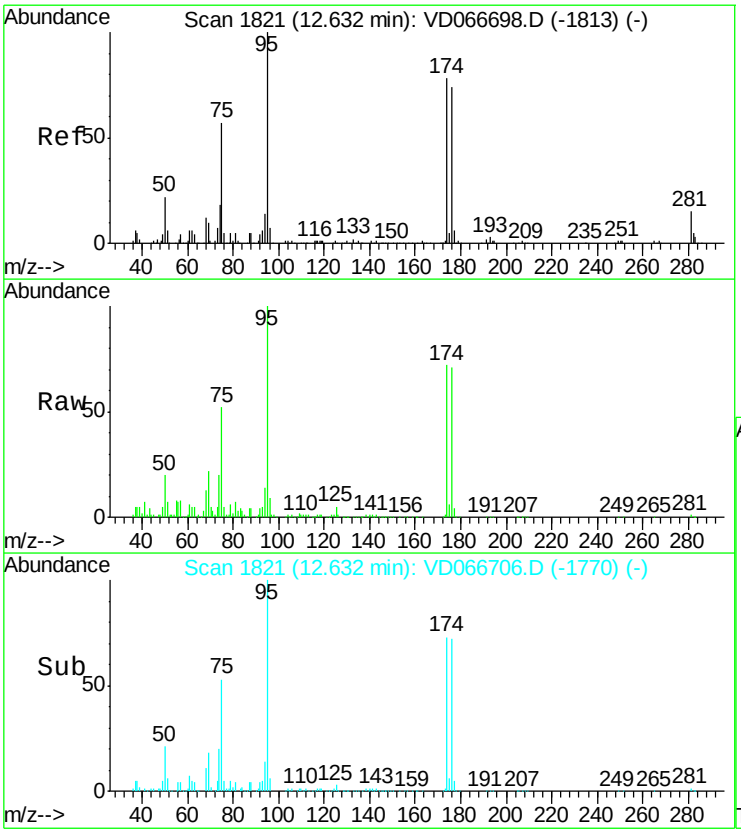
#50
Toluene-d8
Concen: 56.494 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Instrument : MSVOA_D
ClientSampleId : 32-34

Tgt Ion: 98 Resp: 883665

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.7	79.1

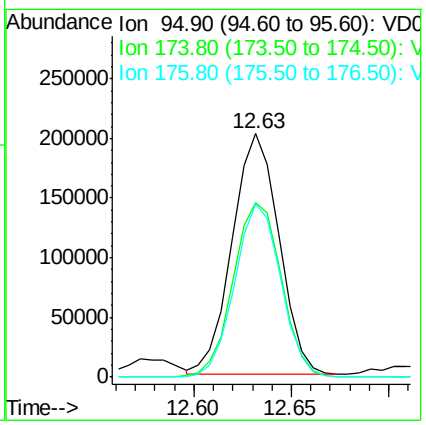


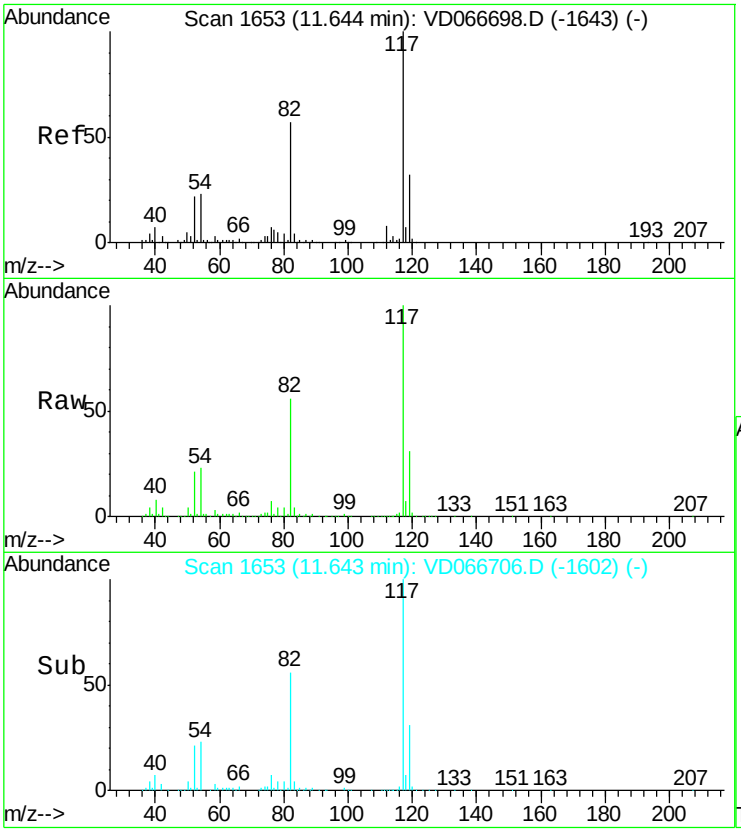


#62
4-Bromofluorobenzene
Concen: 62.339 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Tgt Ion: 95 Resp: 336587

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	156.6
176	70.6	0.0	150.2



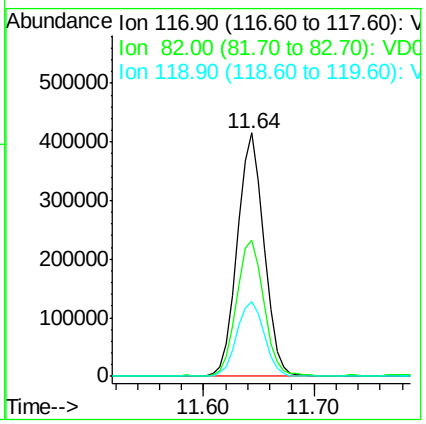


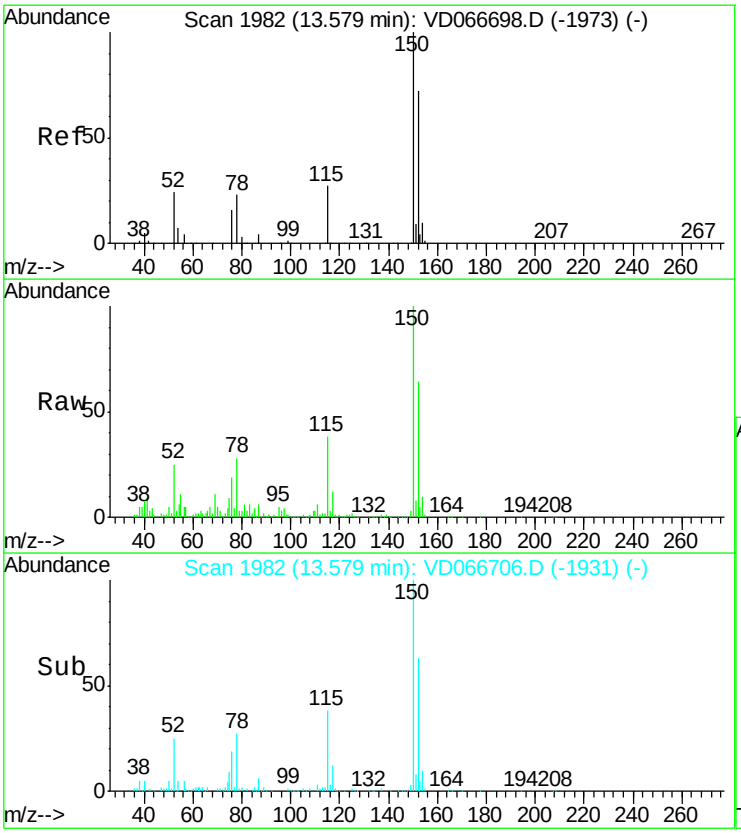
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Instrument :
MSVOA_D
ClientSampleId :
32-34

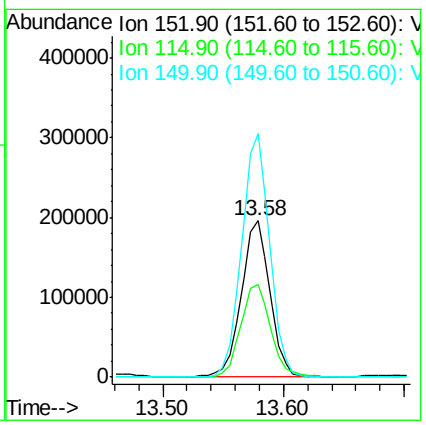
Tgt Ion:117 Resp: 706605

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	30.5	25.8	38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066706.D
Acq: 15 Sep 2020 19:48

Tgt Ion:152 Resp: 320821

Ion	Ratio	Lower	Upper
152	100		
115	62.5	30.5	91.5
150	153.1	0.0	344.6