Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
Data File : VD061093.D
Acq On : 15 Mar 2019 18:10
Operator : VA/AP
Sample : K1908-01
Misc : 5.69g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MH-02

Quant Time: Mar 16 06:32:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	467940	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	844442	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	637285	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	258350	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	214053	54.96	ug/l	0.03
Spiked Amount 50.000			Recovery = 109.92%			
35) Dibromofluoromethane	6.94	113	307660	49.09	ug/l	0.02
Spiked Amount 50.000			Recovery = 98.18%			
50) Toluene-d8	10.43	98	705703	44.84	ug/l	0.03
Spiked Amount 50.000			Recovery = 89.68%			
62) 4-Bromofluorobenzene	13.57	95	266085	43.57	ug/l	0.02
Spiked Amount 50.000			Recovery = 87.14%			
Target Compounds						Qvalue
16) Acetone	3.22	43	44615	40.056	ug/l	96
20) Methylene Chloride	3.84	84	37590	3.020	ug/l #	91

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

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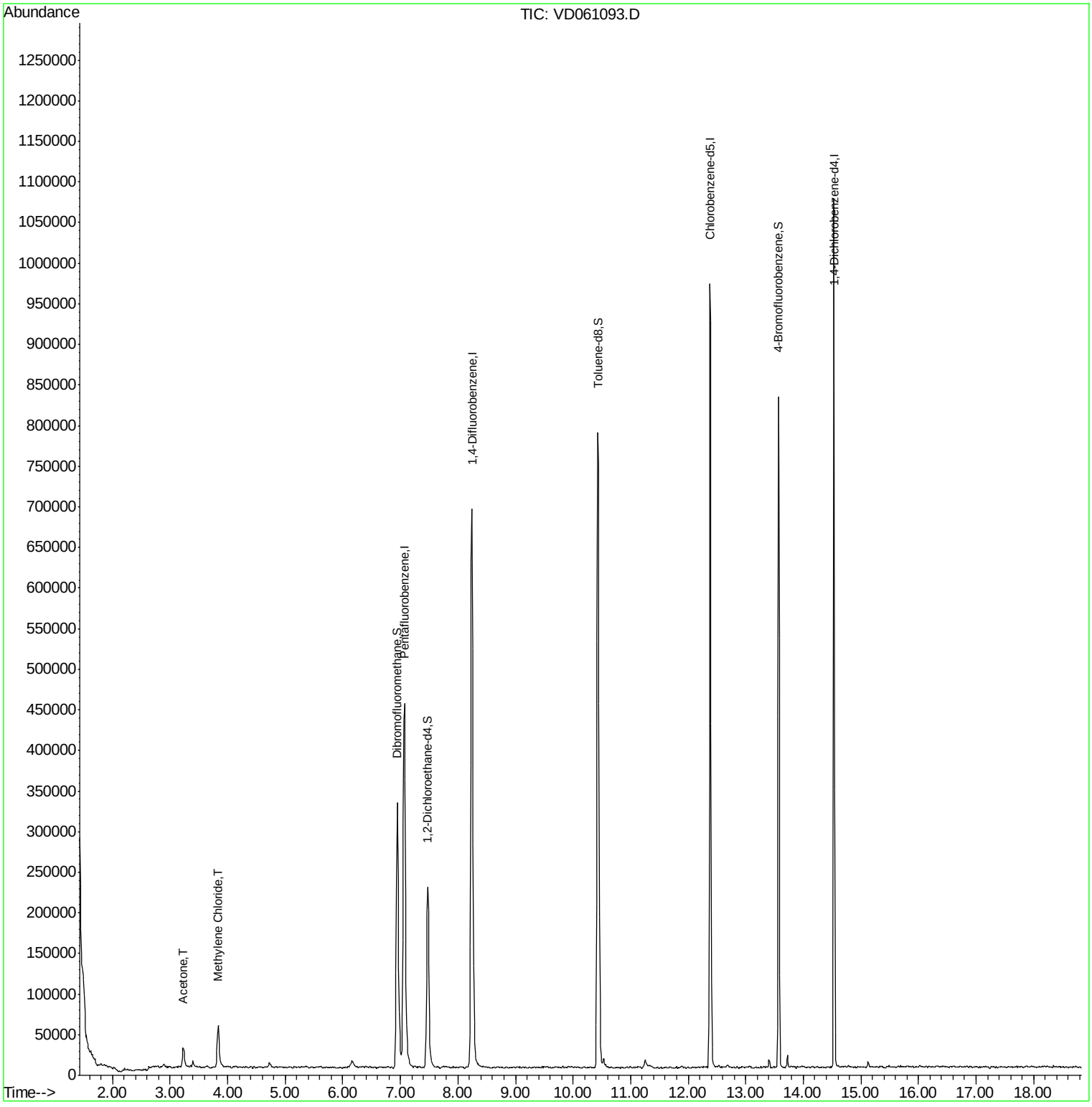
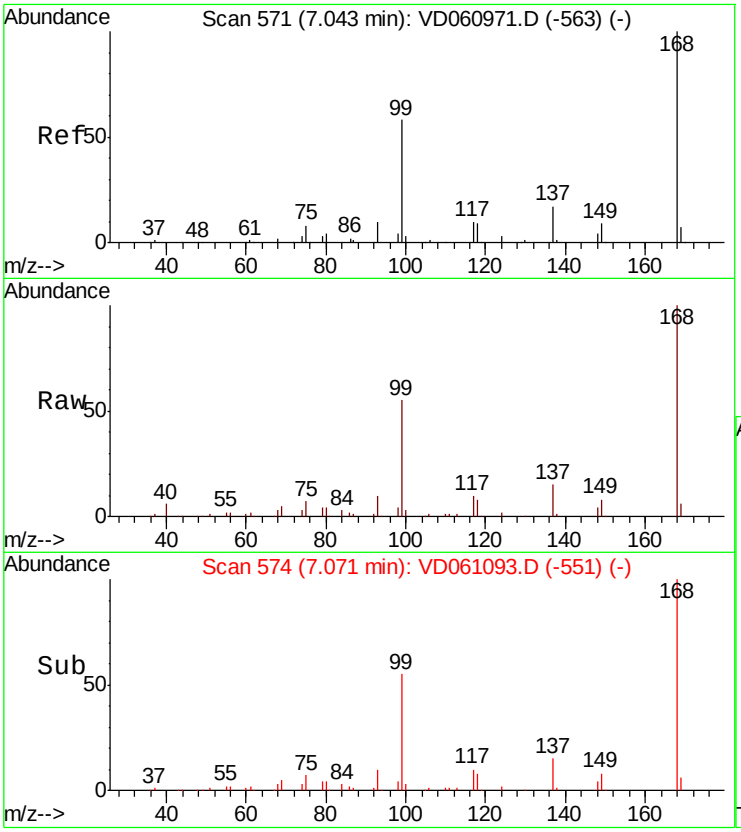


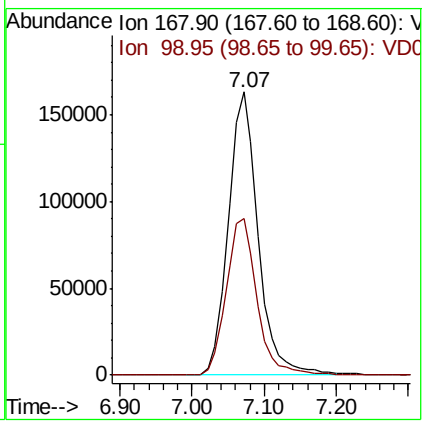


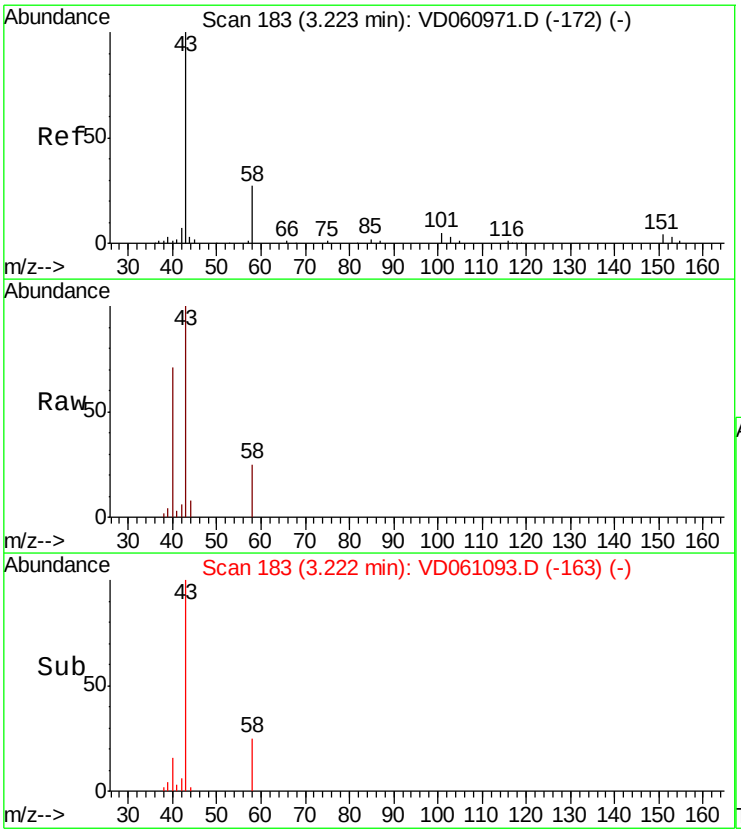
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.03 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Instrument :
MSVOA_D
ClientSampleId :
MH-02

Tgt Ion:168 Resp: 467940

Ion	Ratio	Lower	Upper
168	100		
99	55.2	47.3	70.9

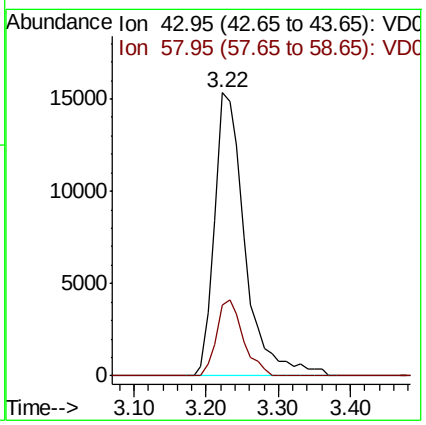


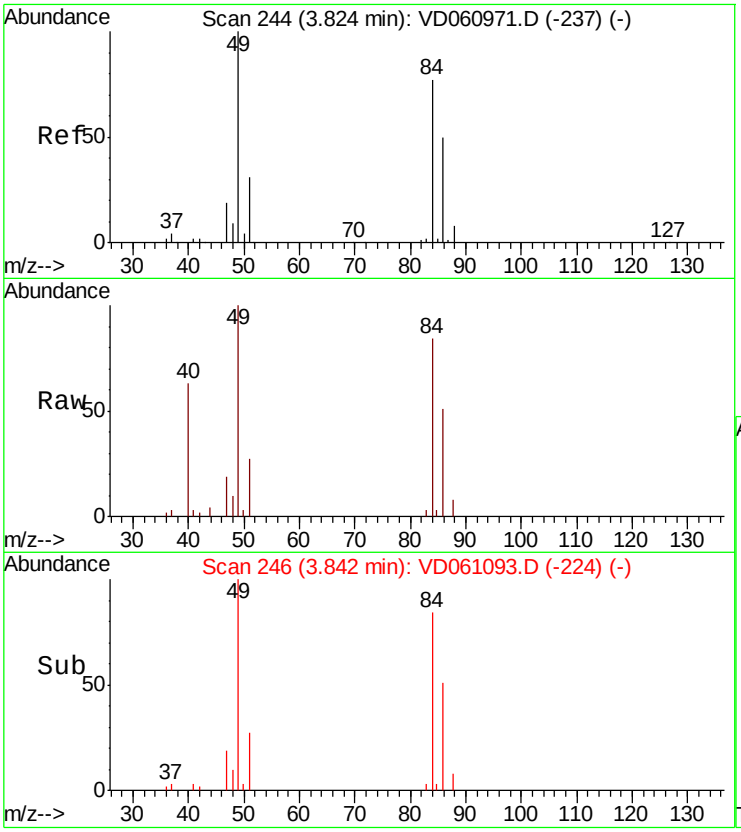


#16
Acetone
Concen: 40.056 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Tgt Ion: 43 Resp: 44615

Ion	Ratio	Lower	Upper
43	100		
58	25.1	21.6	32.4



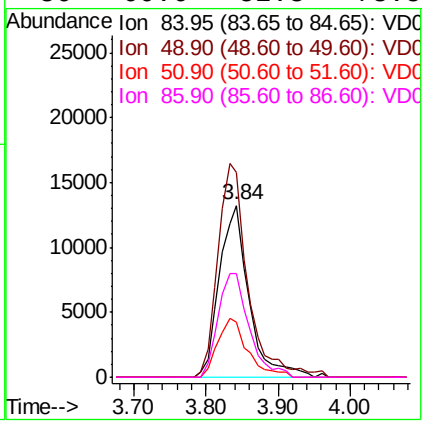


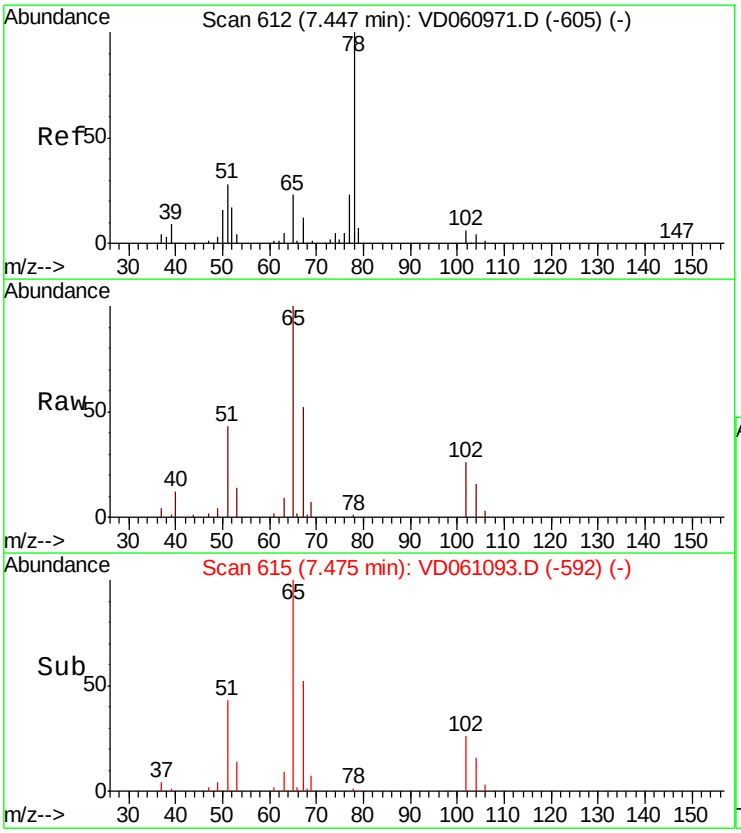
#20
Methylene Chloride
Concen: 3.020 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Instrument : MSVOA_D
ClientSampleId : MH-02

Tgt Ion: 84 Resp: 37590

Ion	Ratio	Lower	Upper
84	100		
49	119.0	104.2	156.2
51	31.7	32.3	48.5#
86	60.6	52.3	78.5

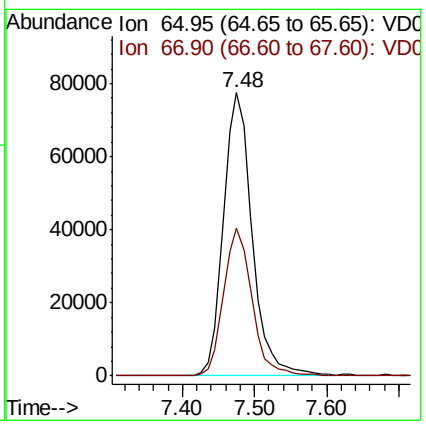


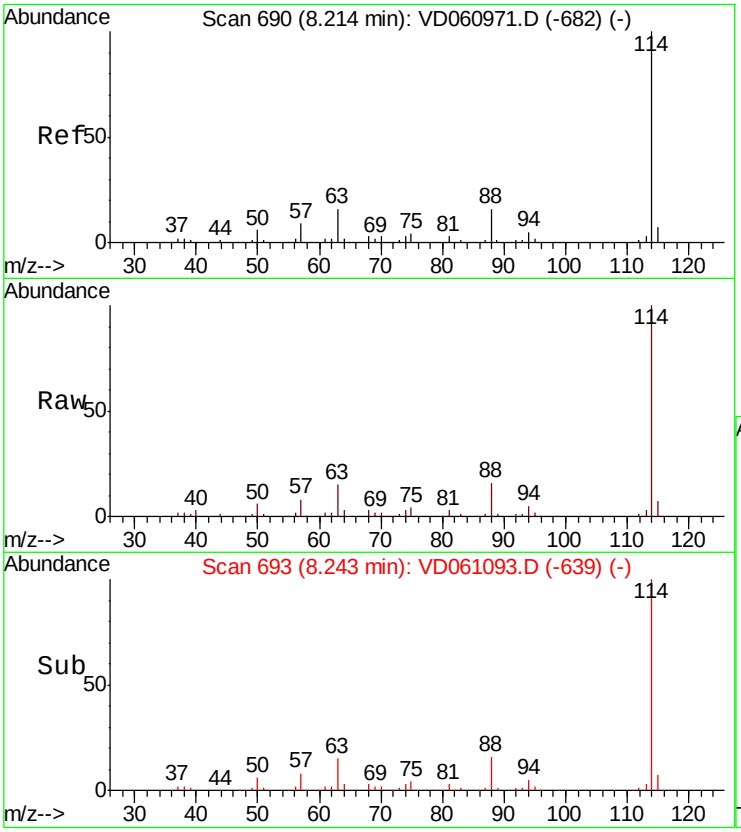


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Tgt Ion: 65 Resp: 214053

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.2



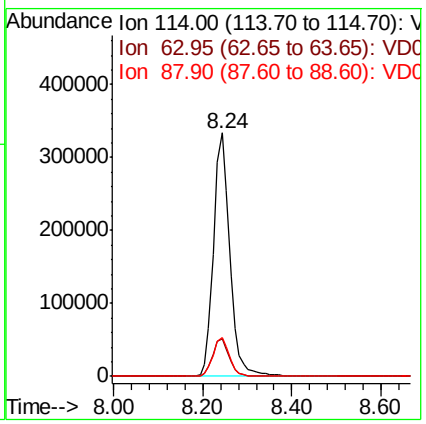


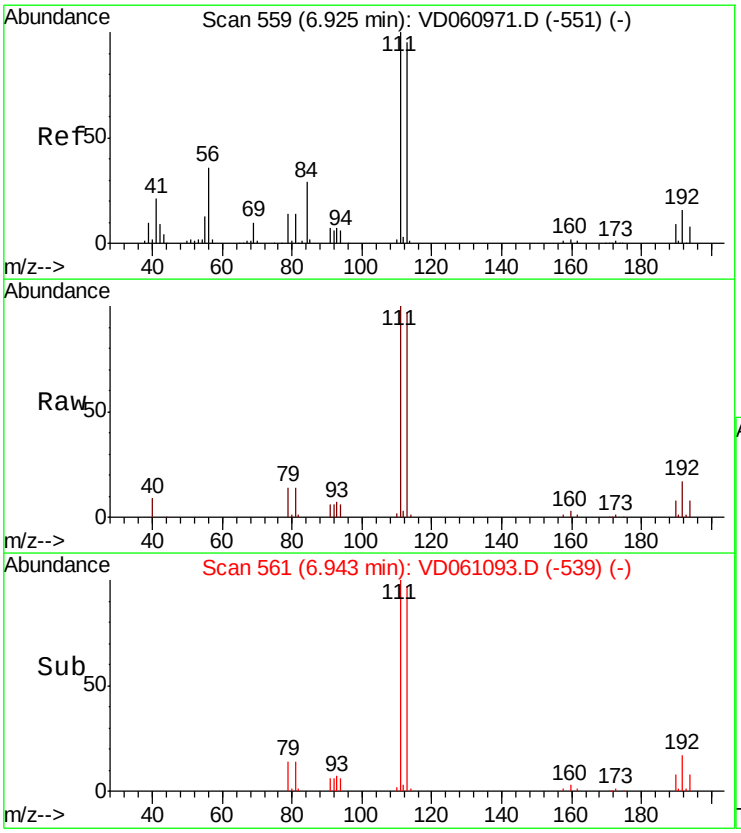
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 693
Delta R.T. 0.03 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Instrument :
MSVOA_D
ClientSampleId :
MH-02

Tgt Ion:114 Resp: 844442

Ion	Ratio	Lower	Upper
114	100		
63	15.4	0.0	31.4
88	16.1	0.0	33.0

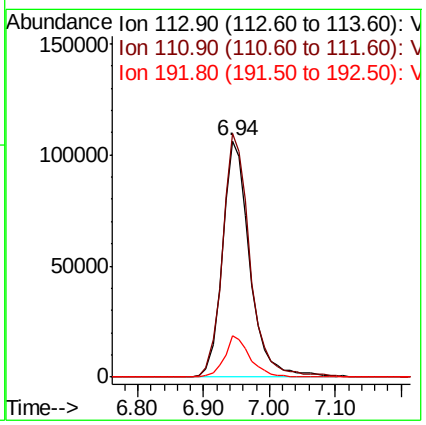


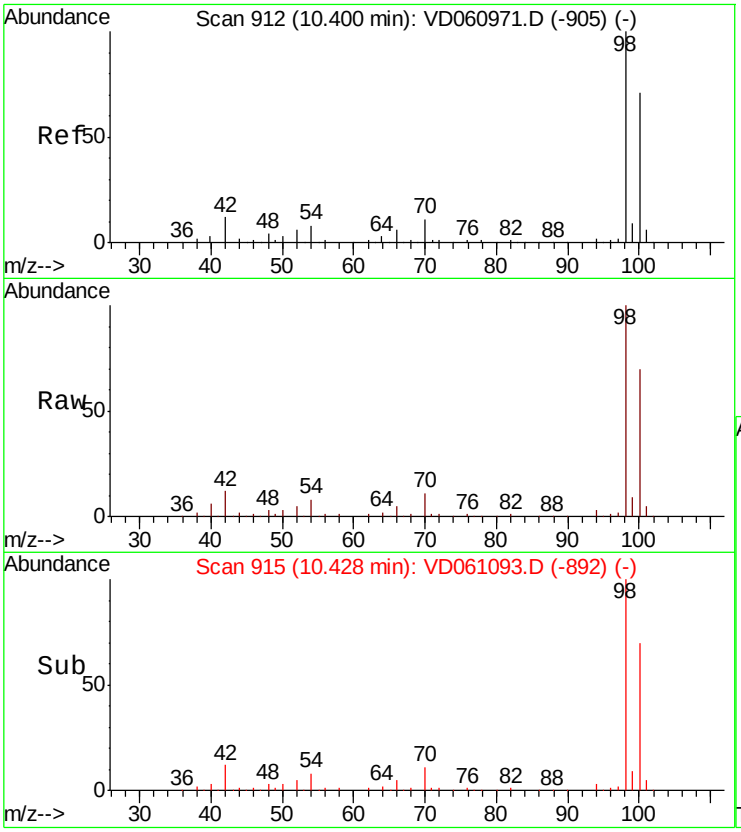


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.02 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Tgt Ion:113 Resp: 307660

Ion	Ratio	Lower	Upper
113	100		
111	103.2	84.2	126.4
192	17.4	13.1	19.7



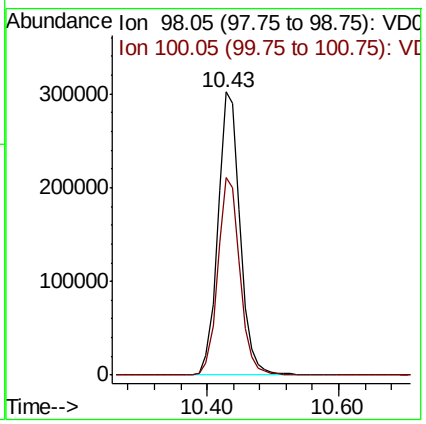


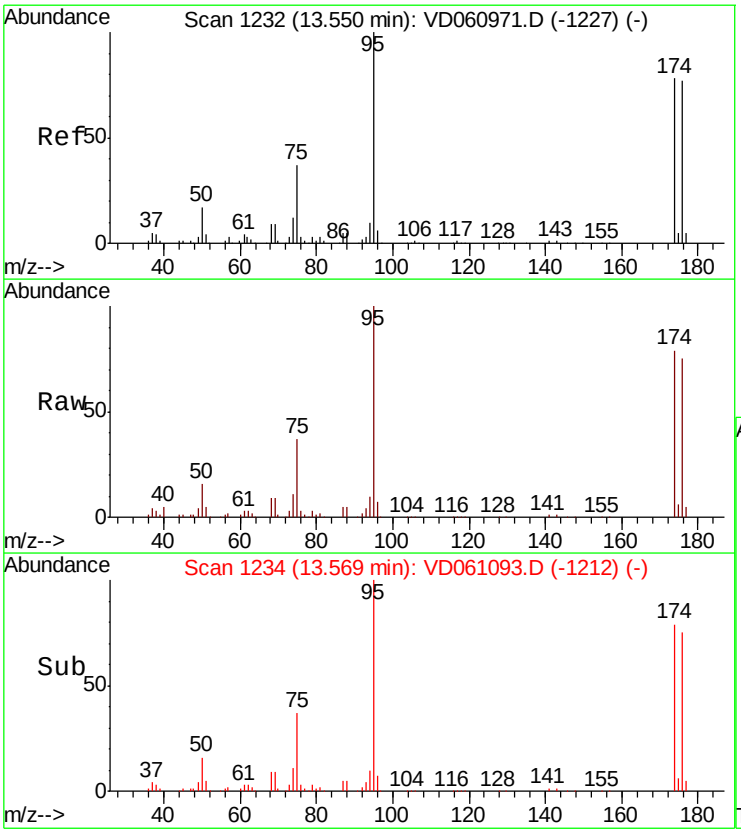
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Instrument : MSVOA_D
ClientSampleId : MH-02

Tgt Ion: 98 Resp: 705703

Ion	Ratio	Lower	Upper
98	100		
100	69.8	57.4	86.2

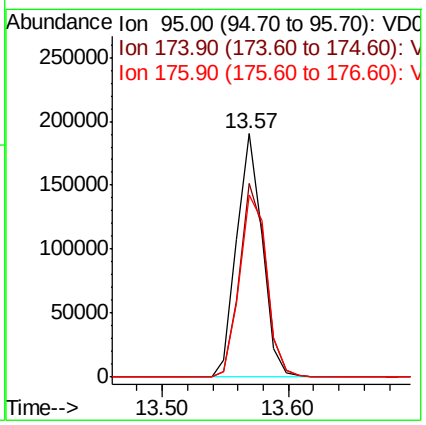


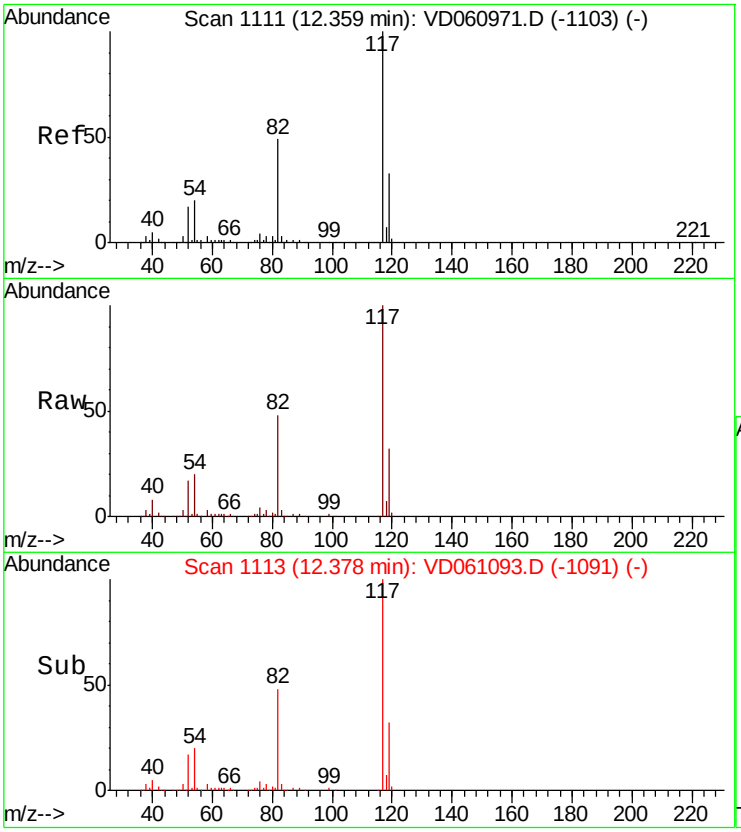


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Tgt Ion: 95 Resp: 266085

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	155.6
176	75.1	0.0	153.8



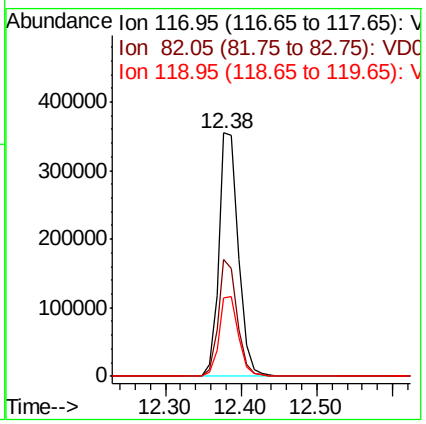


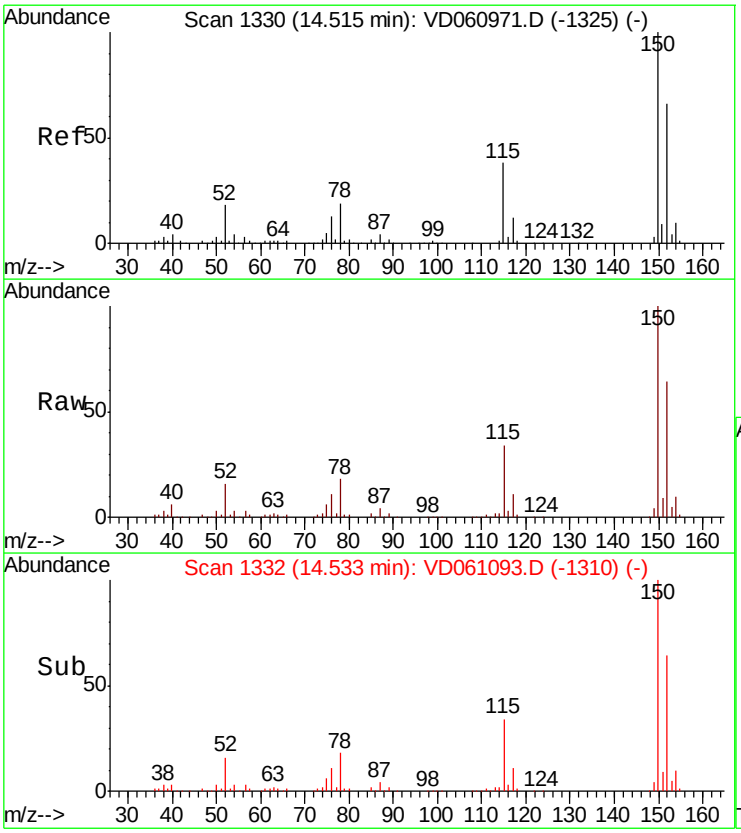
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Instrument : MSVOA_D
ClientSampleId : MH-02

Tgt Ion:117 Resp: 637285

Ion	Ratio	Lower	Upper
117	100		
82	47.8	38.9	58.3
119	32.1	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061093.D
Acq: 15 Mar 2019 18:10

Tgt Ion:152 Resp: 258350

Ion	Ratio	Lower	Upper
152	100		
115	53.4	28.6	85.9
150	155.4	0.0	310.6