Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
Data File : VD060588.D
Acq On : 14 Dec 2018 22:12
Operator : VA/AP
Sample : J6397-01
Misc : 4.79g/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EB10_1.5-2.5

Quant Time: Dec 14 23:27:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1320901	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1937192	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1578202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	768632	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	400776	42.81	ug/l	-0.02
Spiked Amount 50.000			Recovery = 85.62%			
35) Dibromofluoromethane	6.31	113	537051	37.74	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.48%			
50) Toluene-d8	9.44	98	1403648	34.09	ug/l	-0.02
Spiked Amount 50.000			Recovery = 68.18%			
62) 4-Bromofluorobenzene	12.42	95	533824	36.23	ug/l	-0.01
Spiked Amount 50.000			Recovery = 72.46%			
Target Compounds						Qvalue
16) Acetone	3.15	43	43460	28.959	ug/l	98
40) Benzene	6.78	78	49786	1.029	ug/l	91
52) Toluene	9.53	92	336238	11.116	ug/l	98
68) m/p-Xylenes	11.55	106	46564	2.210	ug/l	97

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

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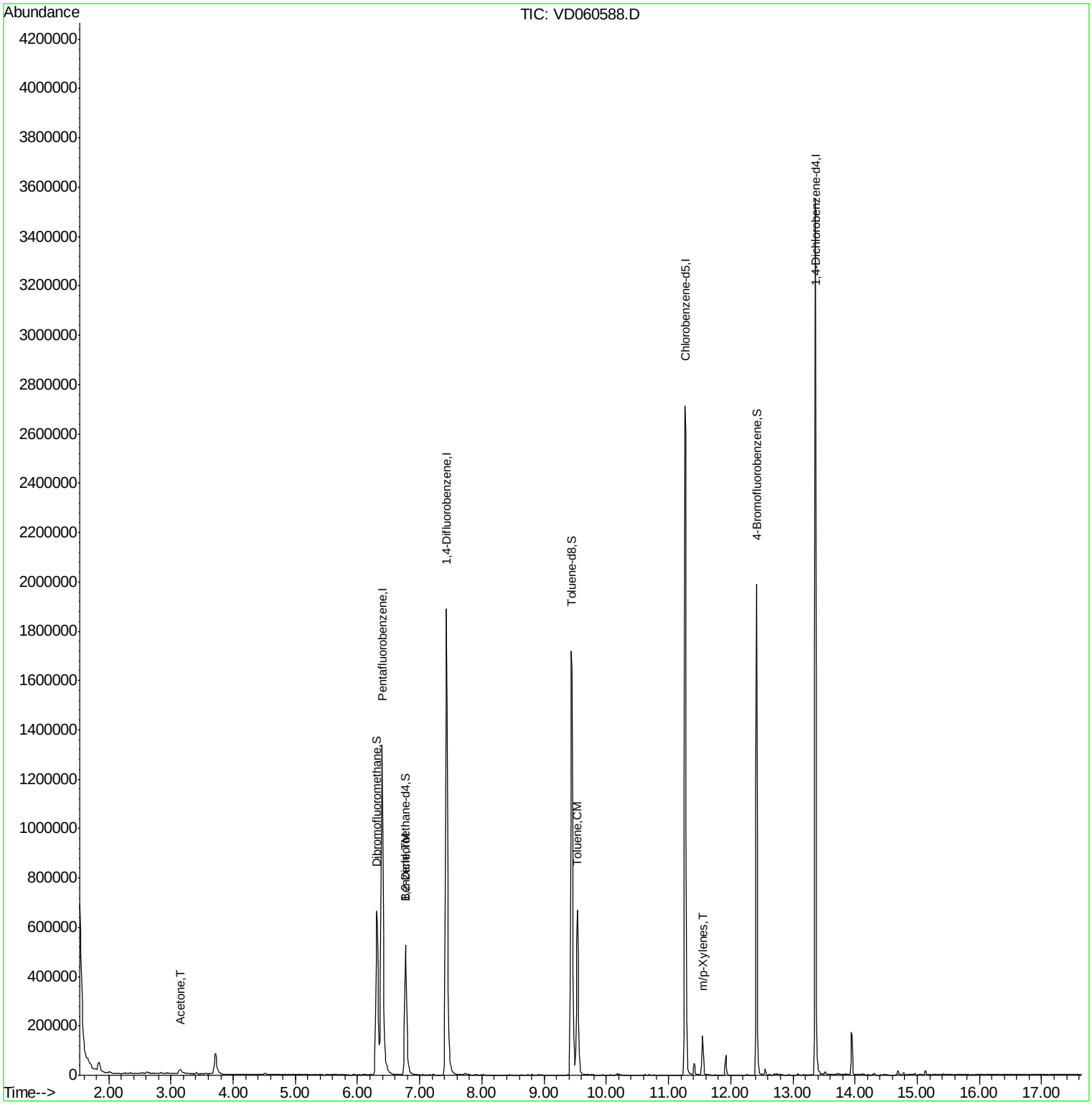
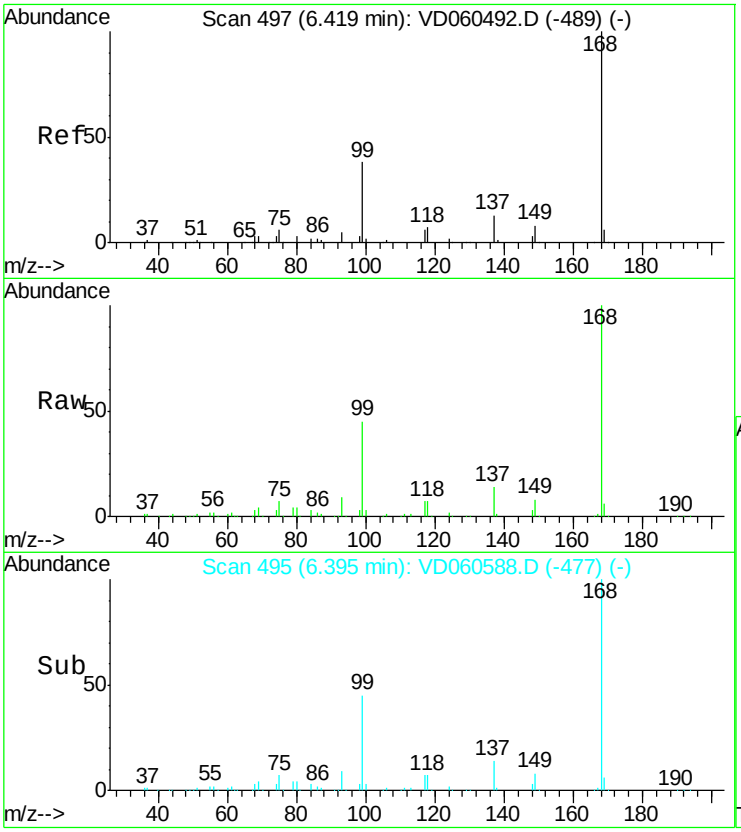


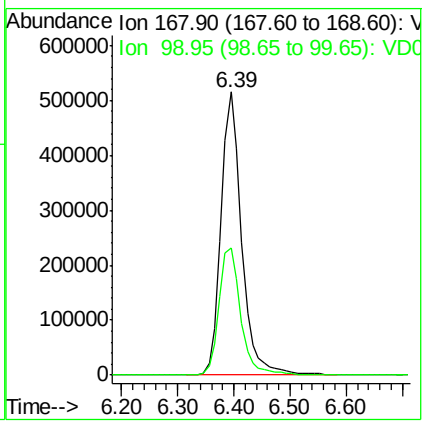


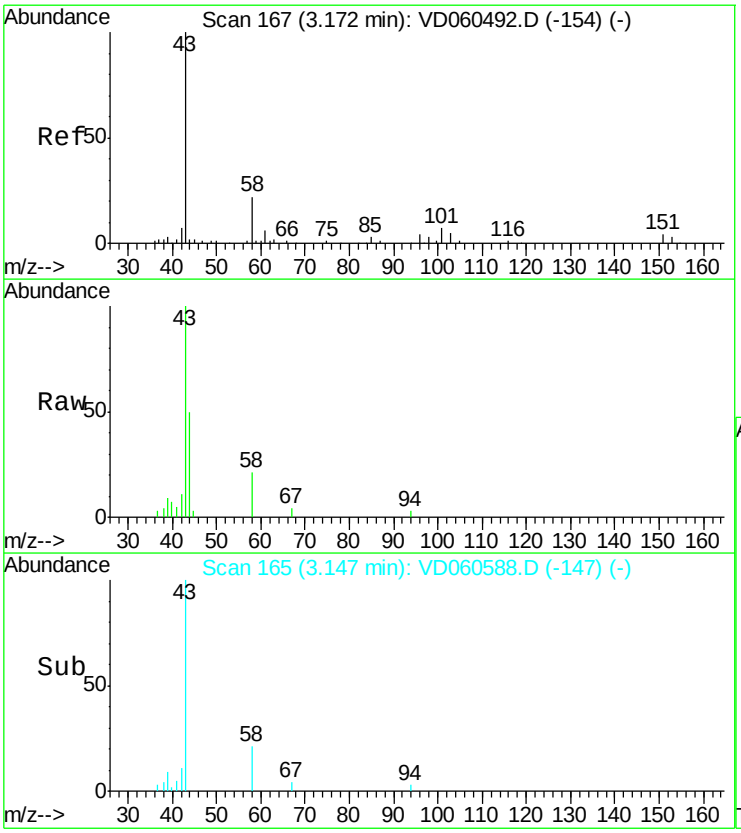
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument :
MSVOA_D
ClientSampleId :
EB10_1.5-2.5

Tgt Ion:168 Resp: 1320901

Ion	Ratio	Lower	Upper
168	100		
99	44.9	35.6	53.4

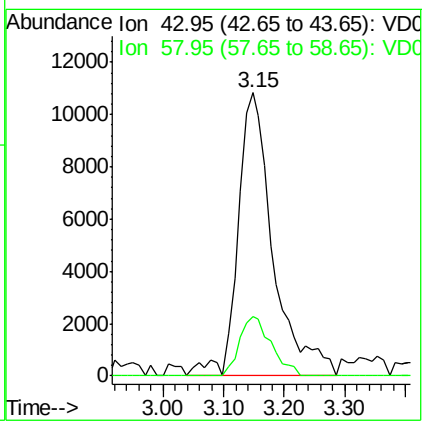


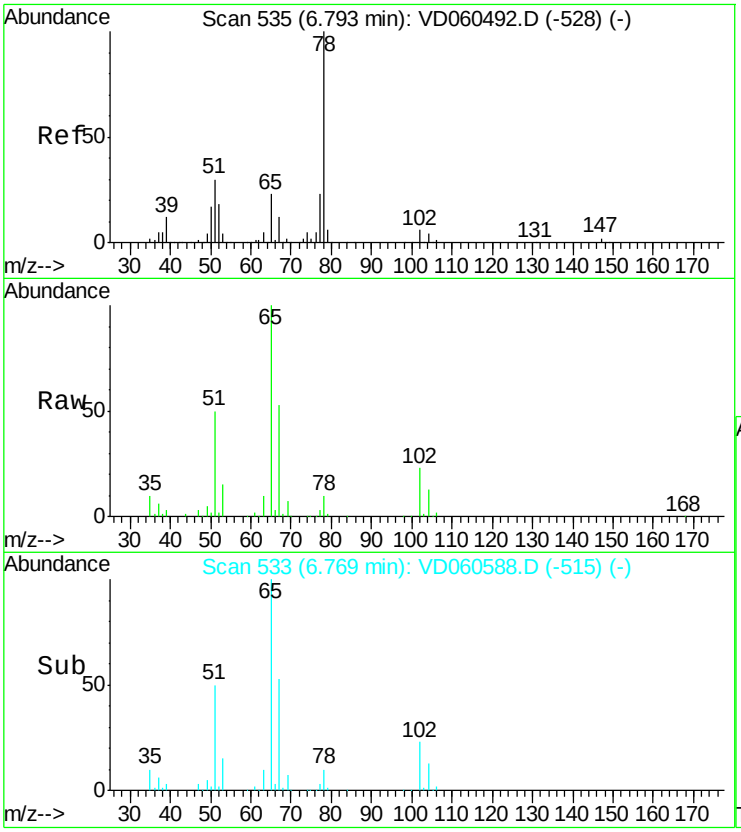


#16
Acetone
Concen: 28.959 ug/l
RT: 3.15 min Scan# 165
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion: 43 Resp: 43460

Ion	Ratio	Lower	Upper
43	100		
58	20.8	17.3	25.9



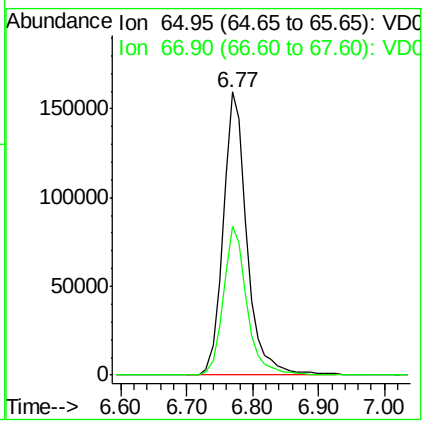


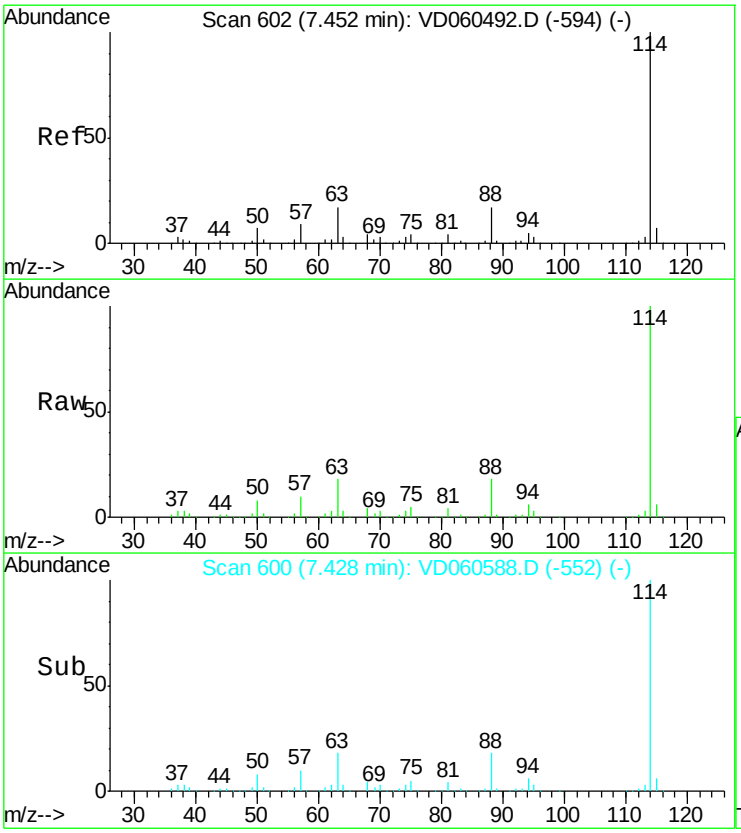
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument : MSVOA_D
ClientSampleId : EB10_1.5-2.5

Tgt Ion: 65 Resp: 400776

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.8

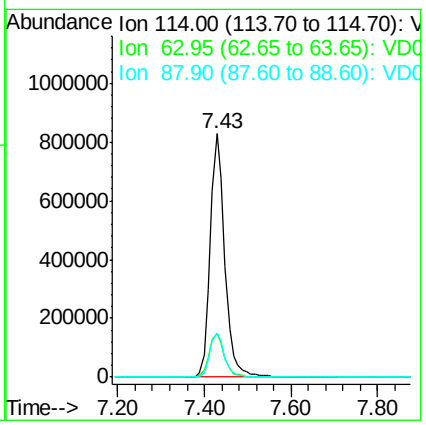


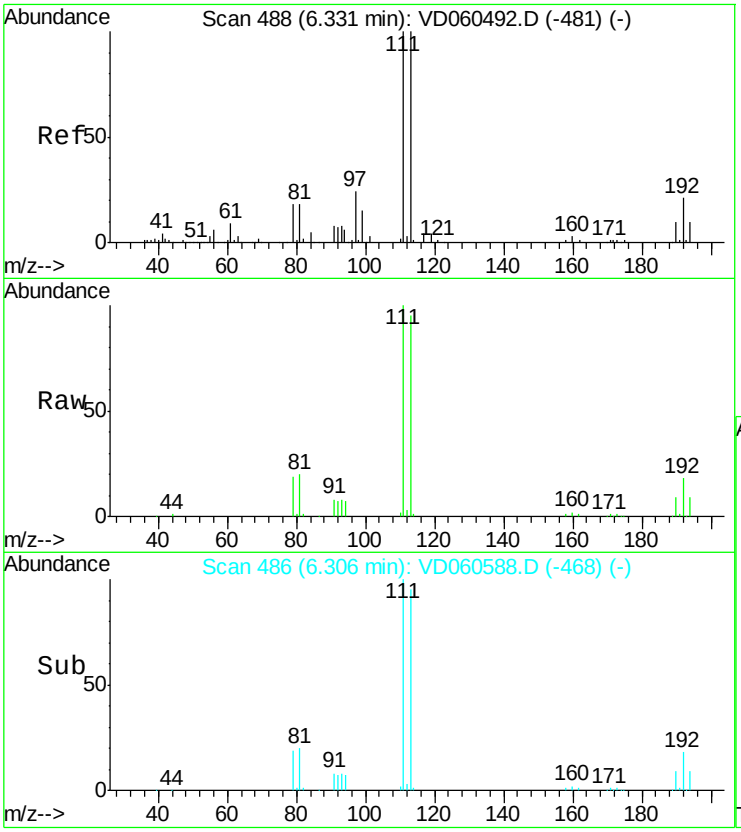


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion:114 Resp: 1937192

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.2
88	18.2	0.0	35.0



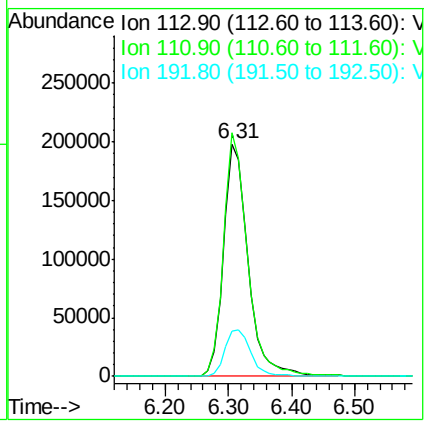


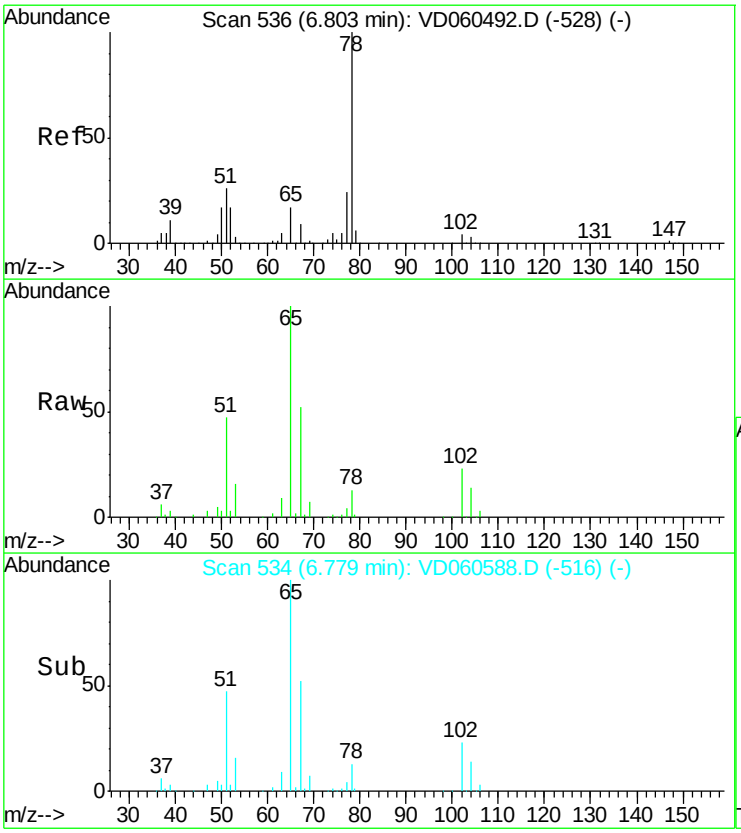
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument : MSVOA_D
ClientSampleId : EB10_1.5-2.5

Tgt Ion:113 Resp: 537051

Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.2	120.4
192	19.2	16.6	24.8

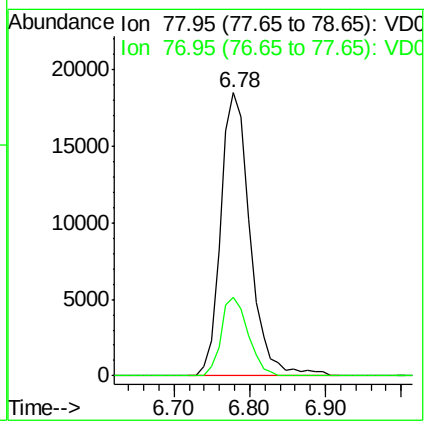


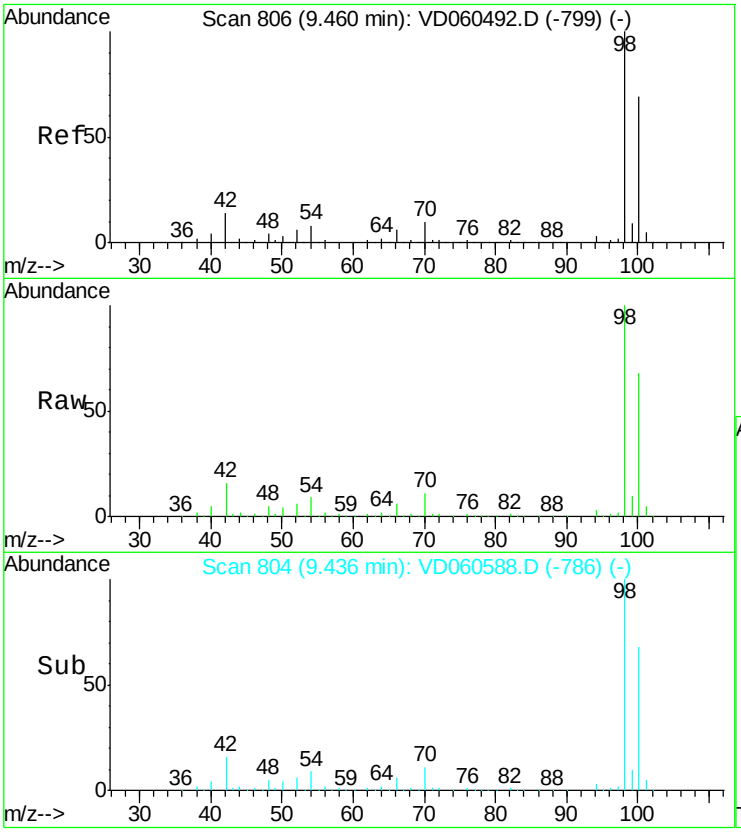


#40
Benzene
Concen: 1.029 ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion: 78 Resp: 49786

Ion	Ratio	Lower	Upper
78	100		
77	28.0	18.9	28.3



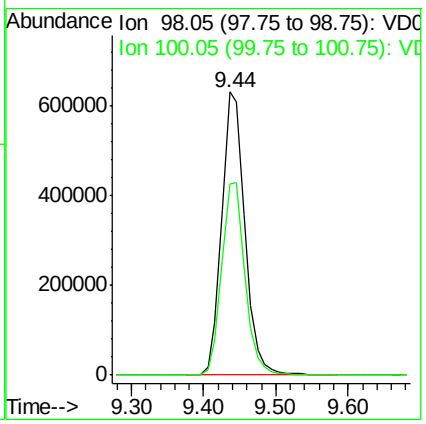


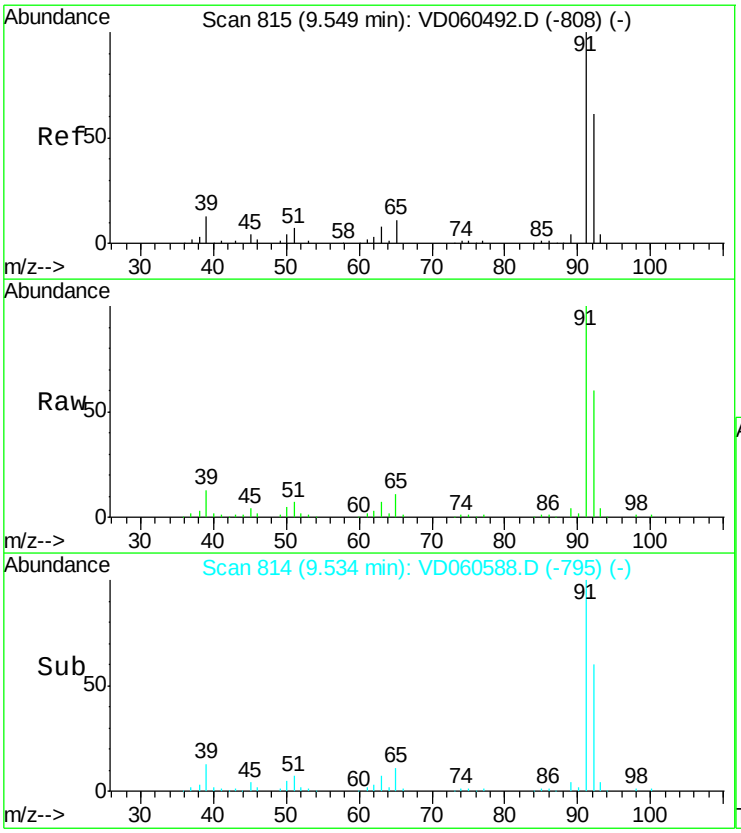
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument :
MSVOA_D
ClientSampleId :
EB10_1.5-2.5

Tgt Ion: 98 Resp: 1403648

Ion	Ratio	Lower	Upper
98	100		
100	67.7	55.7	83.5

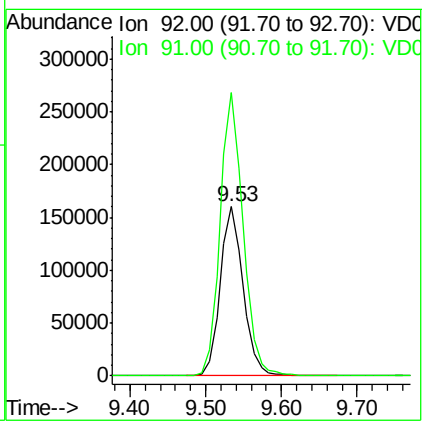


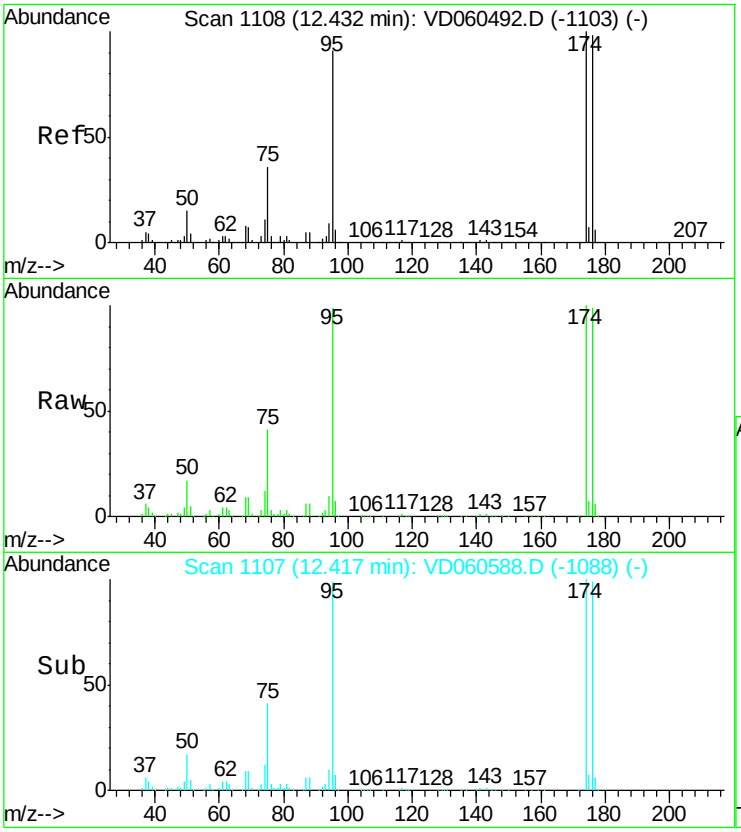


#52
Toluene
Concen: 11.116 ug/l
RT: 9.53 min Scan# 814
Delta R.T. -0.01 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion: 92 Resp: 336238

Ion	Ratio	Lower	Upper
92	100		
91	167.7	131.7	197.5



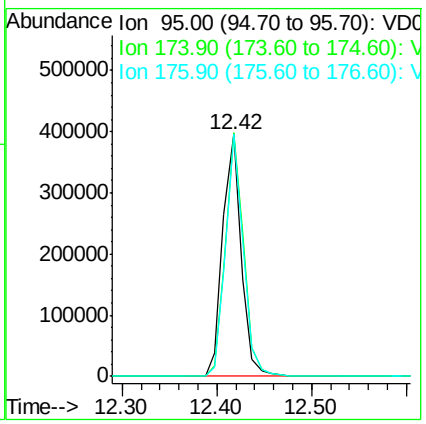


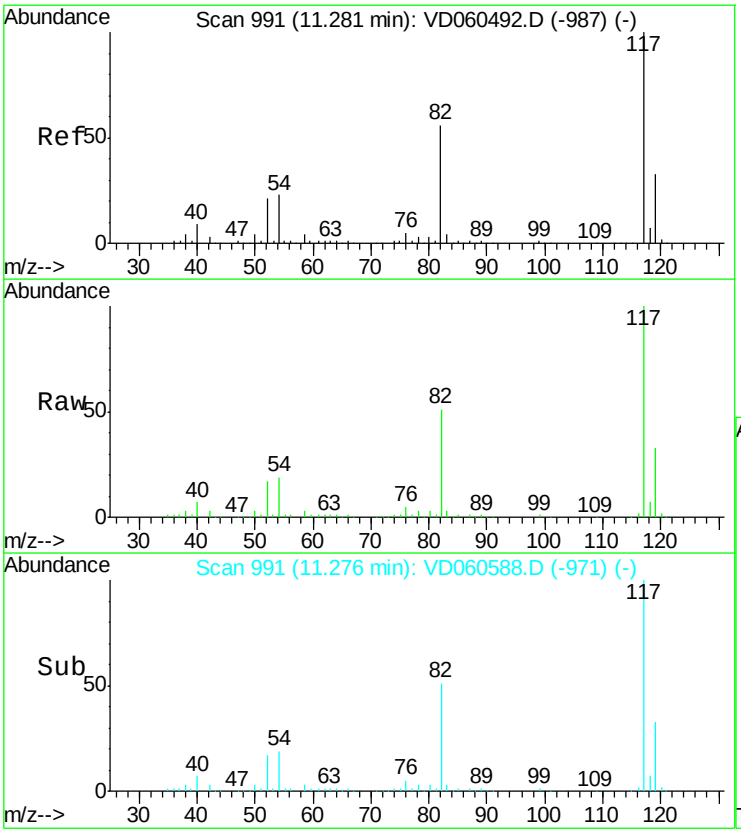
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument : MSVOA_D
ClientSampleId : EB10_1.5-2.5

Tgt Ion: 95 Resp: 533824

Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	219.4
176	100.1	0.0	214.6

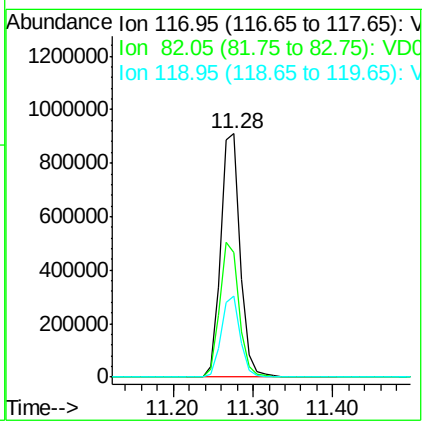


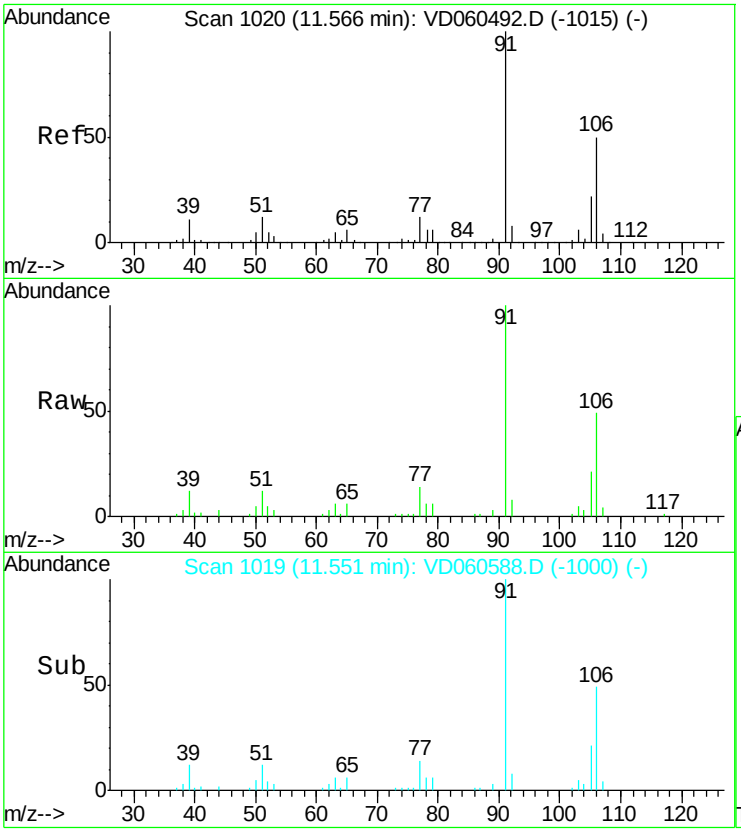


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion:117 Resp: 1578202

Ion	Ratio	Lower	Upper
117	100		
82	51.0	45.2	67.8
119	33.3	26.1	39.1



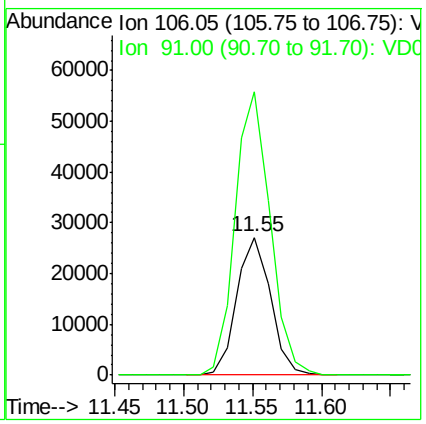


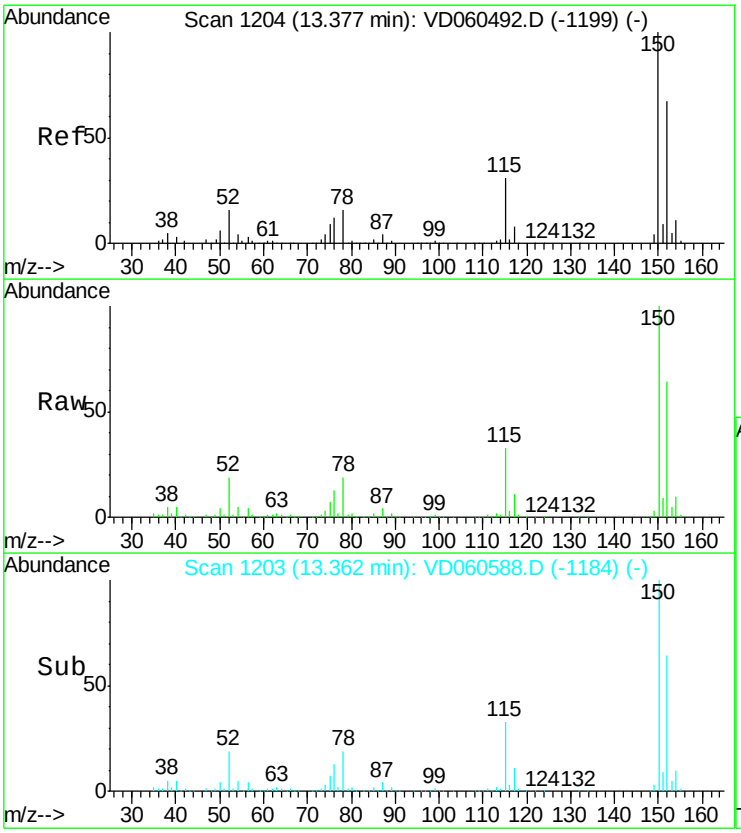
#68
m/p-Xylenes
Concen: 2.210 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument :
MSVOA_D
ClientSampleId :
EB10_1.5-2.5

Tgt Ion:106 Resp: 46564

Ion	Ratio	Lower	Upper
106	100		
91	205.3	160.5	240.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion:152 Resp: 768632

Ion	Ratio	Lower	Upper
152	100		
115	51.2	24.6	74.0
150	155.1	0.0	309.0