Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122718\
Data File : VD060728.D
Acq On : 27 Dec 2018 16:03
Operator : VA/AP
Sample : J6446-12RE
Misc : 3.24g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P001-SS022-0006-01RE

Quant Time: Dec 28 02:02:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	994215	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.40	114	1338816	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.26	117	707472	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	159630	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	361648	52.64	ug/l	-0.04
Spiked Amount 50.000			Recovery = 105.28%			
35) Dibromofluoromethane	6.29	113	501270	51.15	ug/l	-0.04
Spiked Amount 50.000			Recovery = 102.30%			
50) Toluene-d8	9.42	98	1087493	37.19	ug/l	-0.04
Spiked Amount 50.000			Recovery = 74.38%			
62) 4-Bromofluorobenzene	12.41	95	193327	18.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 37.76%			
Target Compounds						Qvalue
16) Acetone	3.13	43	98684	82.245	ug/l	99
20) Methylene Chloride	3.68	84	76242	6.118	ug/l	98
25) 2-Butanone	5.58	43	12259	5.339	ug/l	98
40) Benzene	6.75	78	80817	2.269	ug/l	99
52) Toluene	9.52	92	49024	2.196	ug/l	89

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

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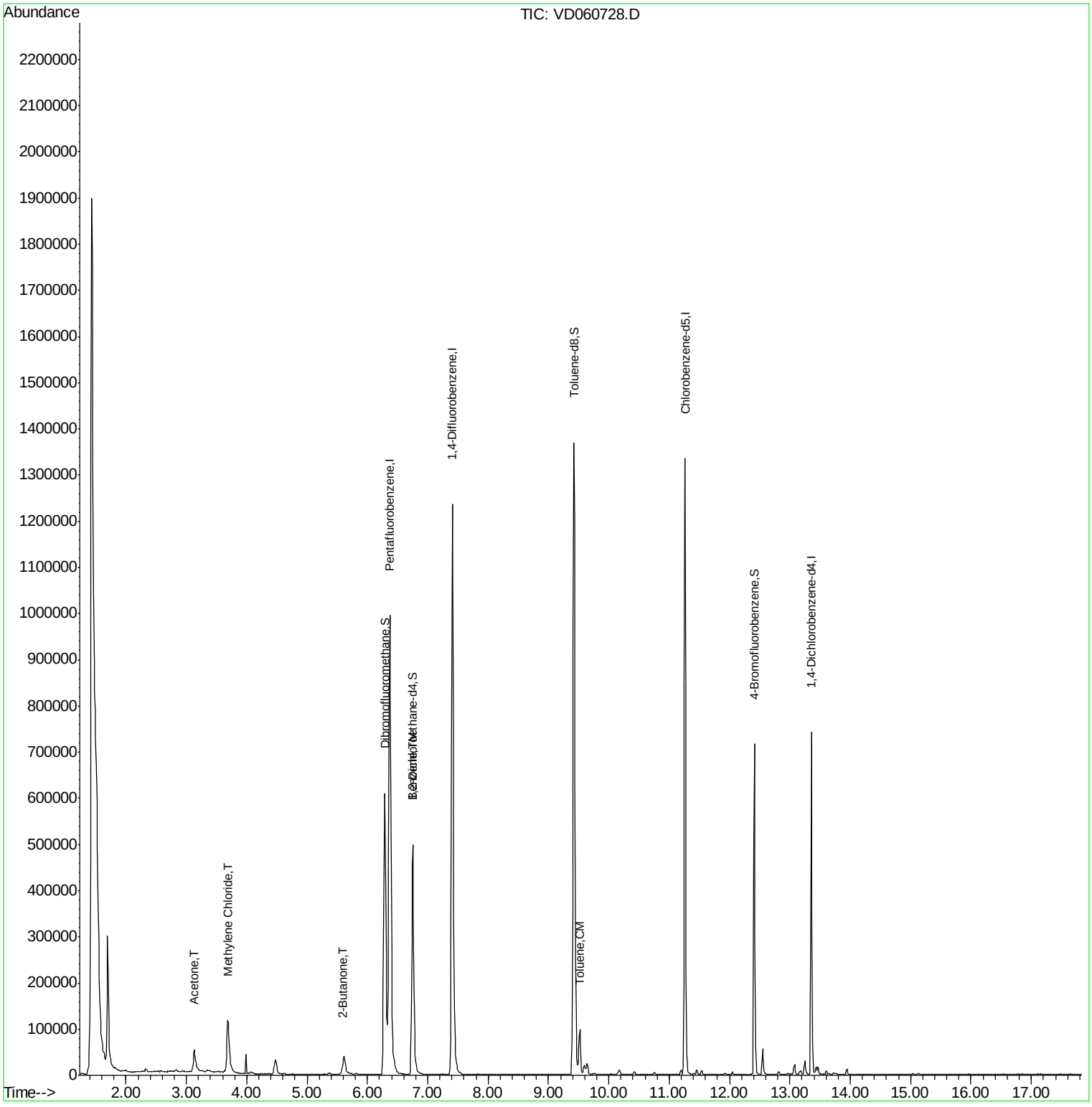
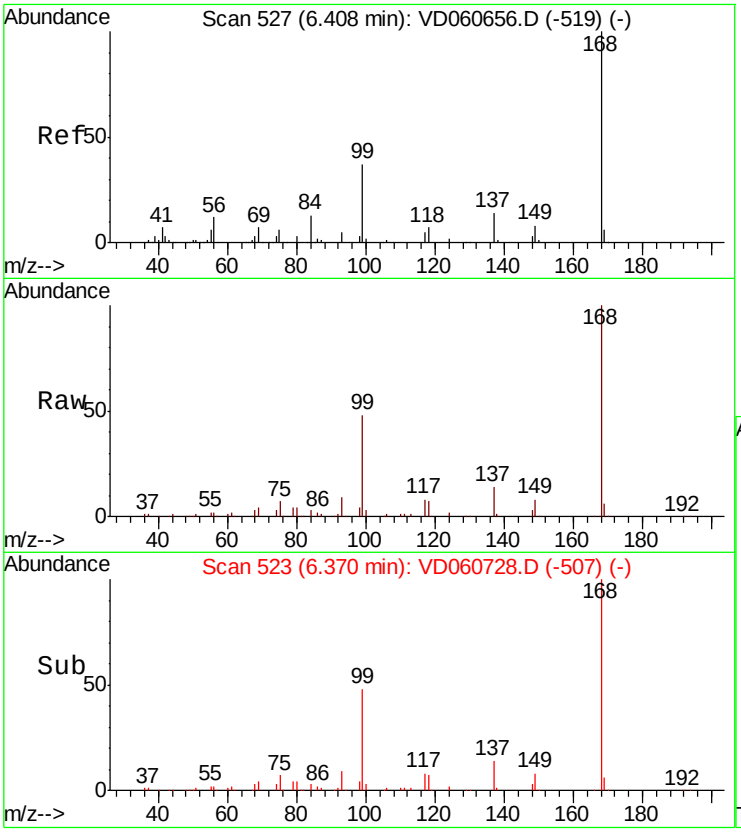
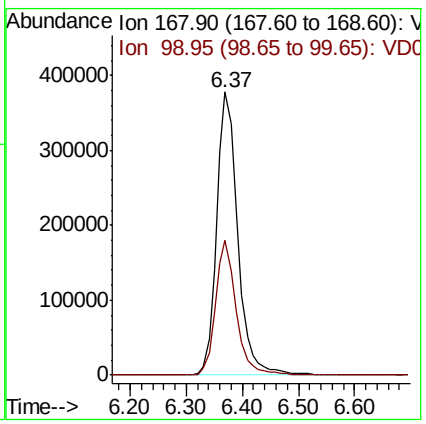




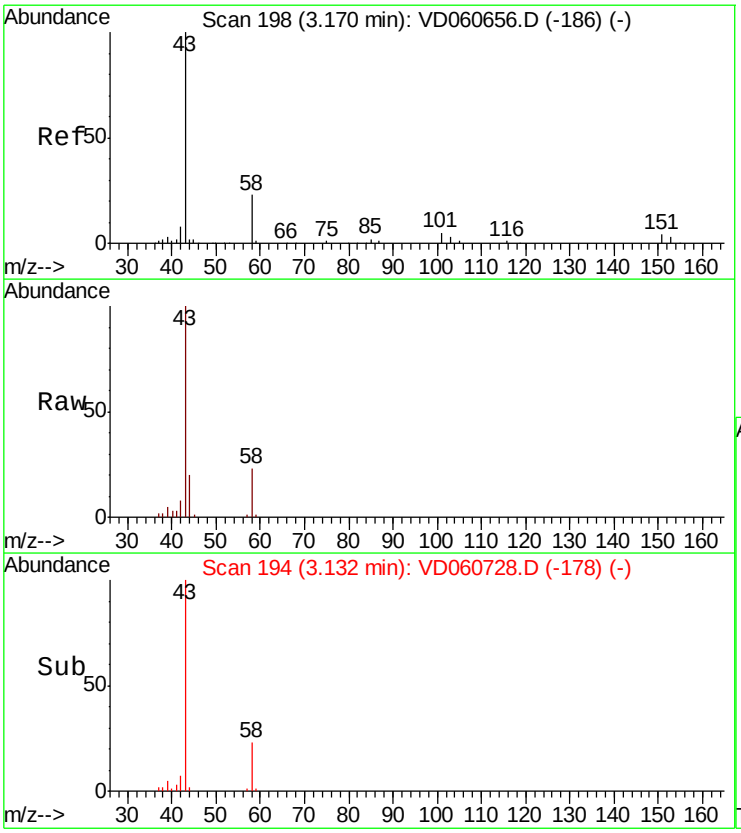
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.37 min Scan# 523
Delta R.T. -0.04 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Tgt Ion:168 Resp: 994215

Ion	Ratio	Lower	Upper
168	100		
99	47.6	38.7	58.1



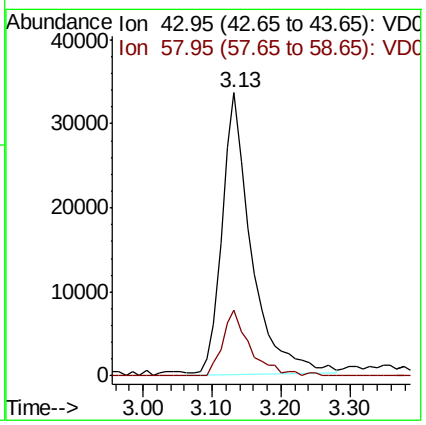
Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0006-01RE

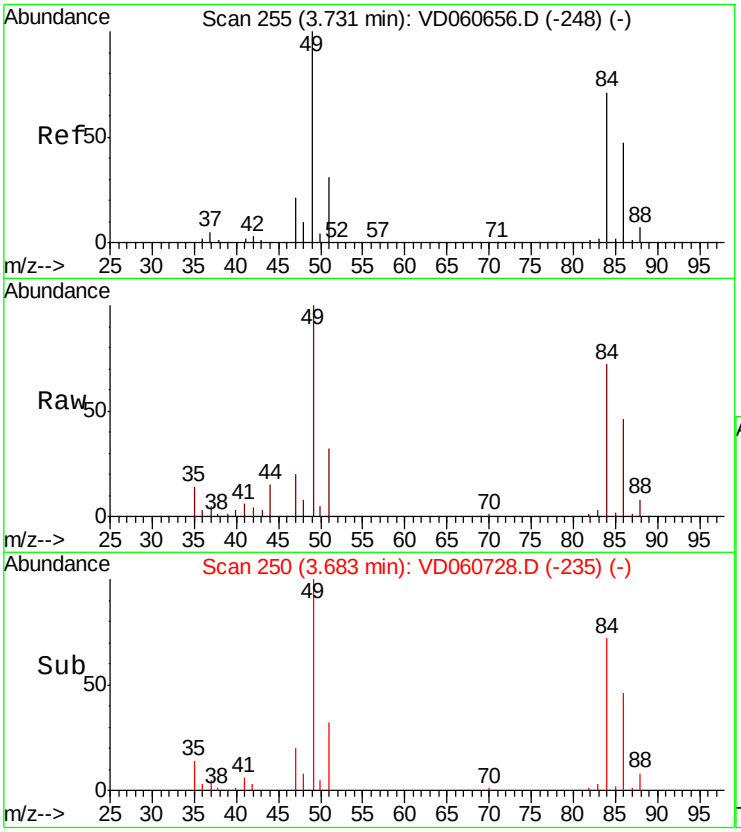


#16
Acetone
Concen: 82.245 ug/l
RT: 3.13 min Scan# 194
Delta R.T. -0.04 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Tgt Ion: 43 Resp: 98684

Ion	Ratio	Lower	Upper
43	100		
58	23.1	18.2	27.2



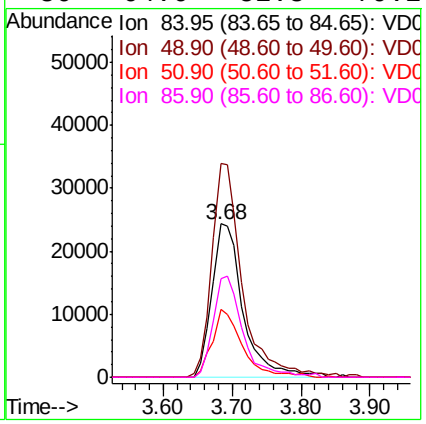


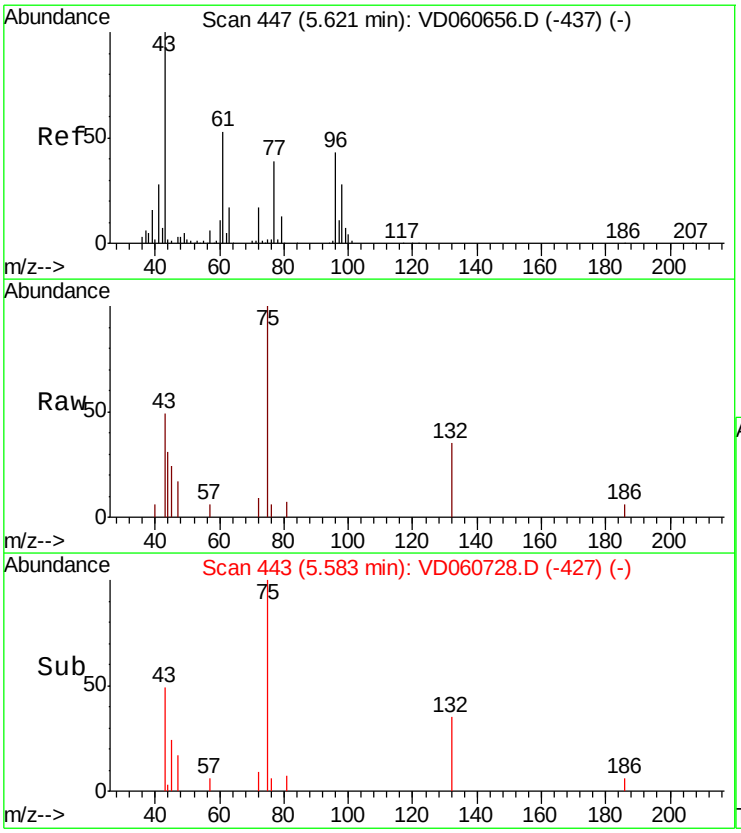
#20
Methylene Chloride
Concen: 6.118 ug/l
RT: 3.68 min Scan# 250
Delta R.T. -0.05 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0006-01RE

Tgt Ion: 84 Resp: 76242

Ion	Ratio	Lower	Upper
84	100		
49	139.3	113.6	170.4
51	44.4	34.7	52.1
86	64.6	52.8	79.2

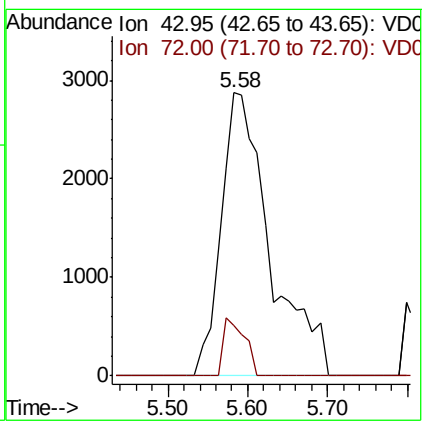


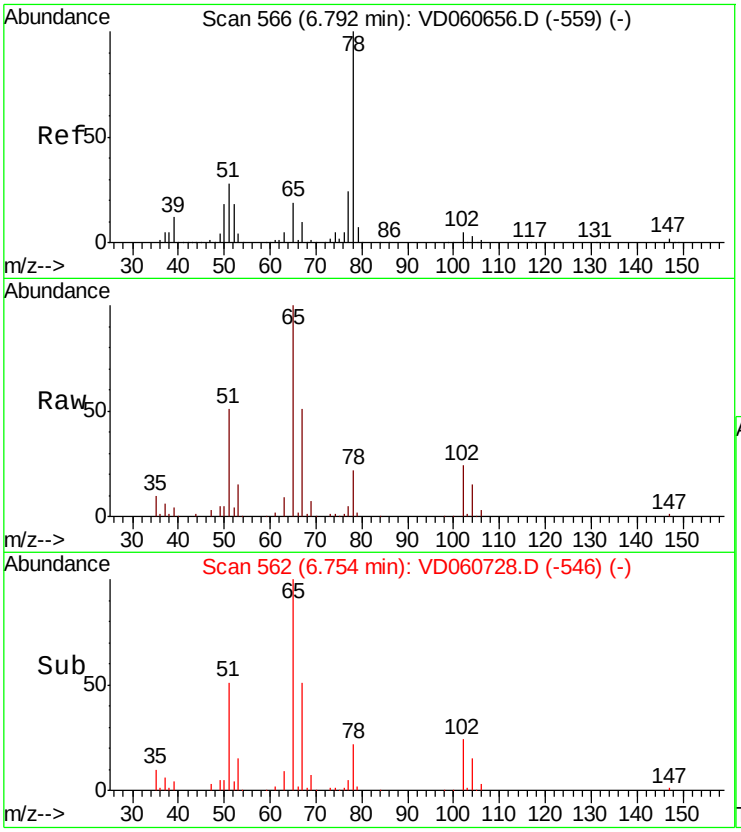


#25
2-Butanone
Concen: 5.339 ug/l
RT: 5.58 min Scan# 443
Delta R.T. -0.04 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Tgt Ion: 43 Resp: 12259

Ion	Ratio	Lower	Upper
43	100		
72	17.9	13.7	20.5



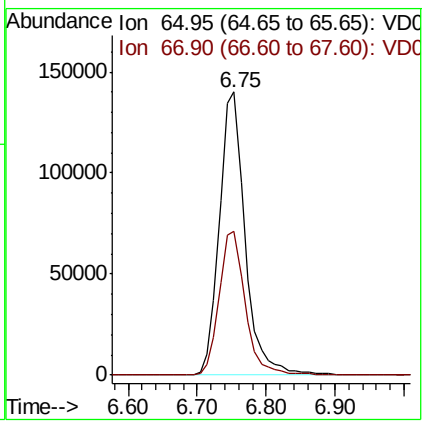


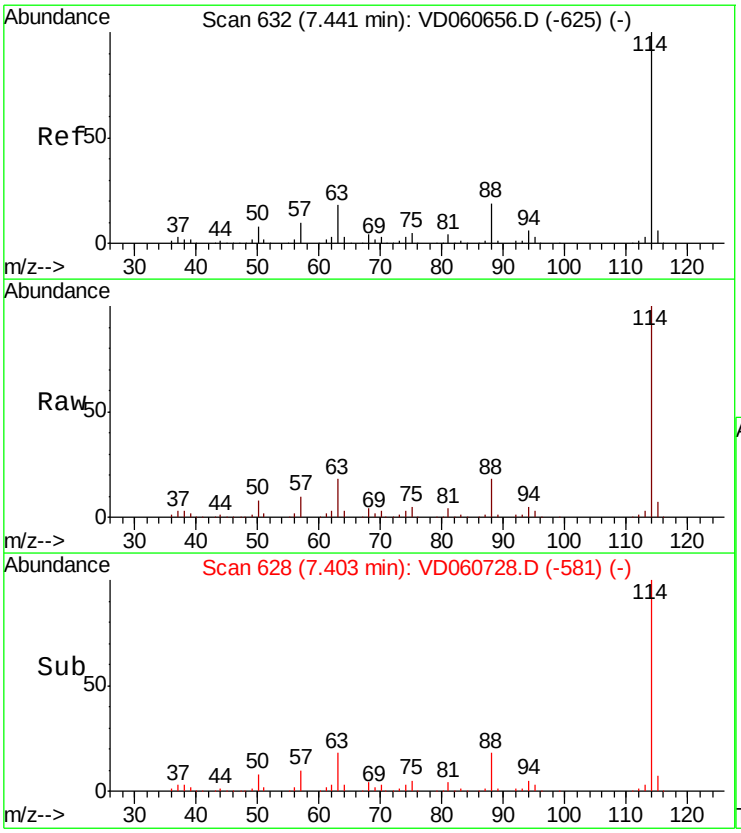
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 562
Delta R.T. -0.04 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0006-01RE

Tgt Ion: 65 Resp: 361648

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.4

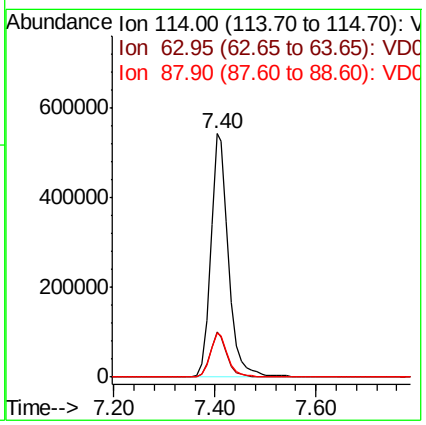


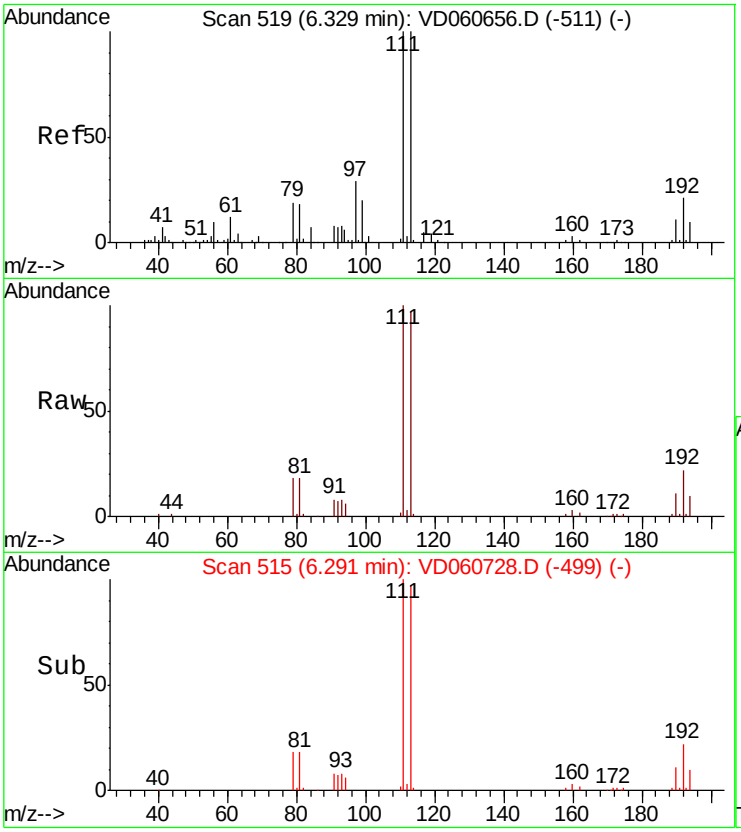


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.40 min Scan# 628
Delta R.T. -0.04 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Tgt Ion:114 Resp: 1338816

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.2
88	18.3	0.0	37.0



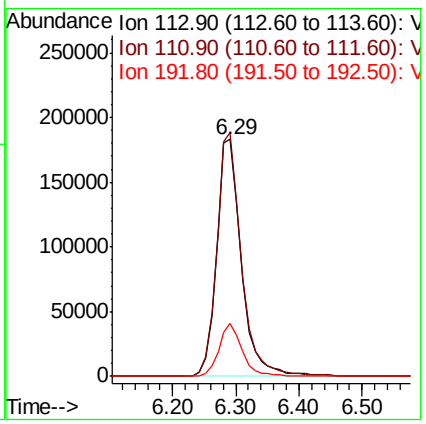


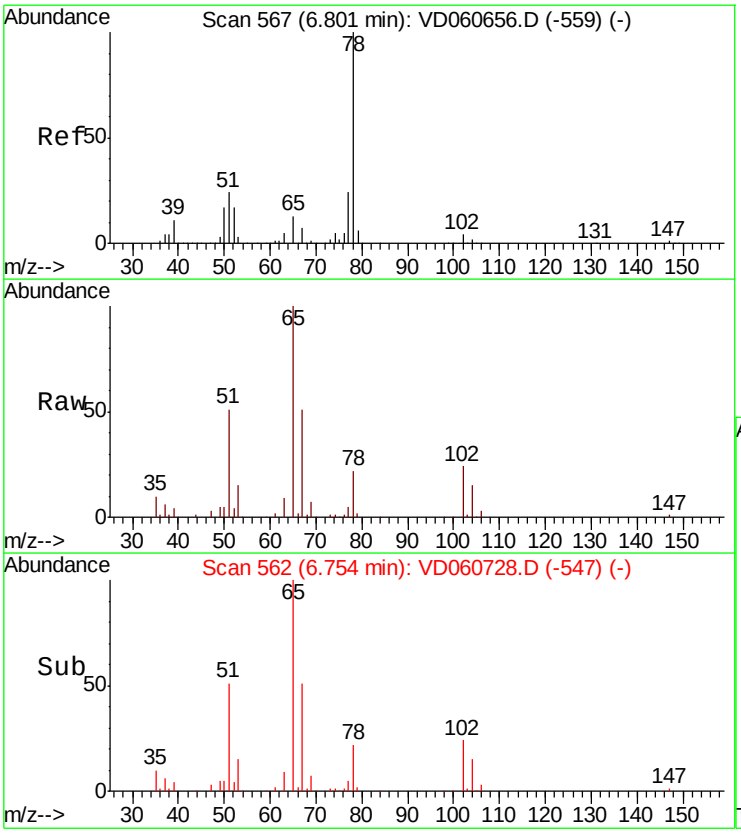
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 515
Delta R.T. -0.04 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0006-01RE

Tgt Ion:113 Resp: 501270

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.0	120.0
192	22.1	16.6	25.0

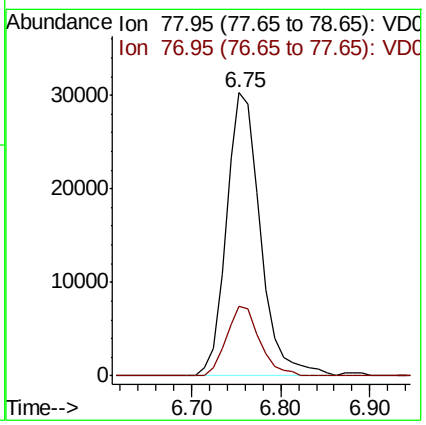


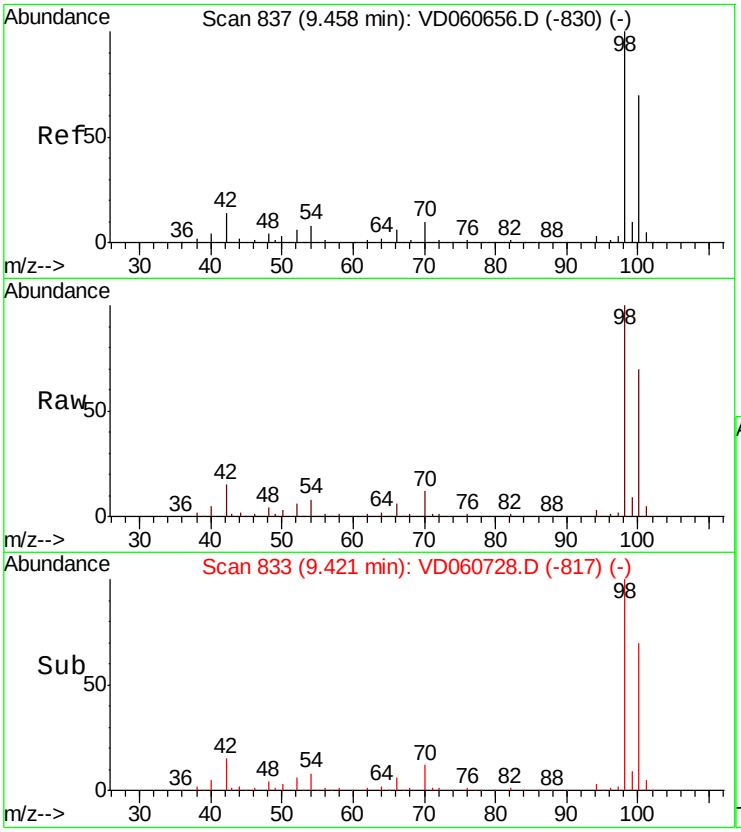


#40
Benzene
Concen: 2.269 ug/l
RT: 6.75 min Scan# 562
Delta R.T. -0.05 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Tgt Ion: 78 Resp: 80817

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8



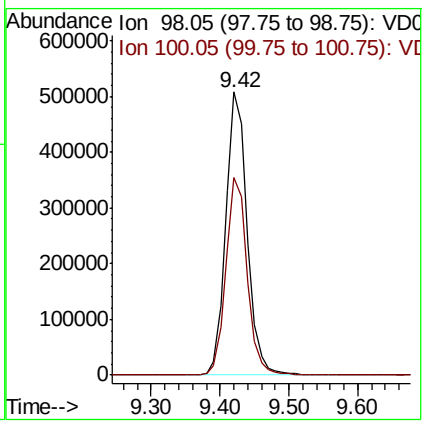


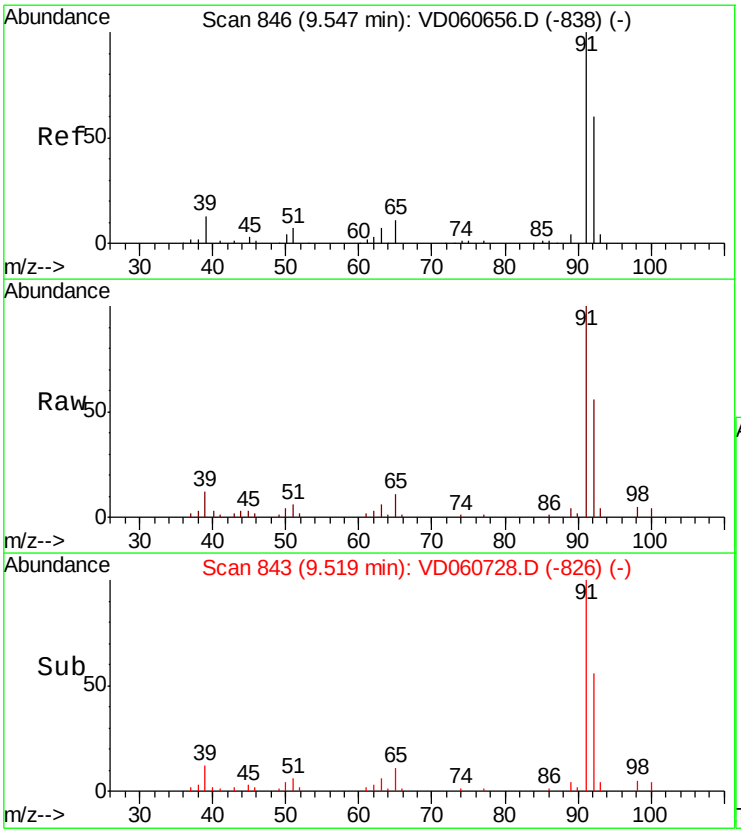
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.42 min Scan# 833
Delta R.T. -0.04 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0006-01RE

Tgt Ion: 98 Resp: 1087493

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.8	83.8

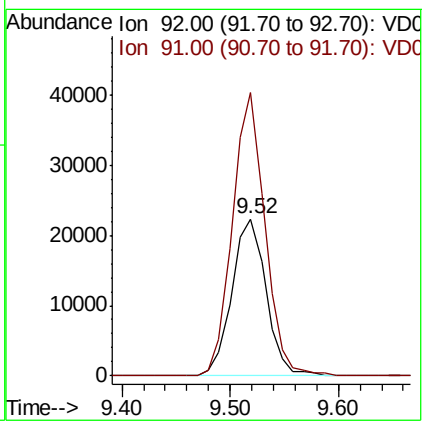


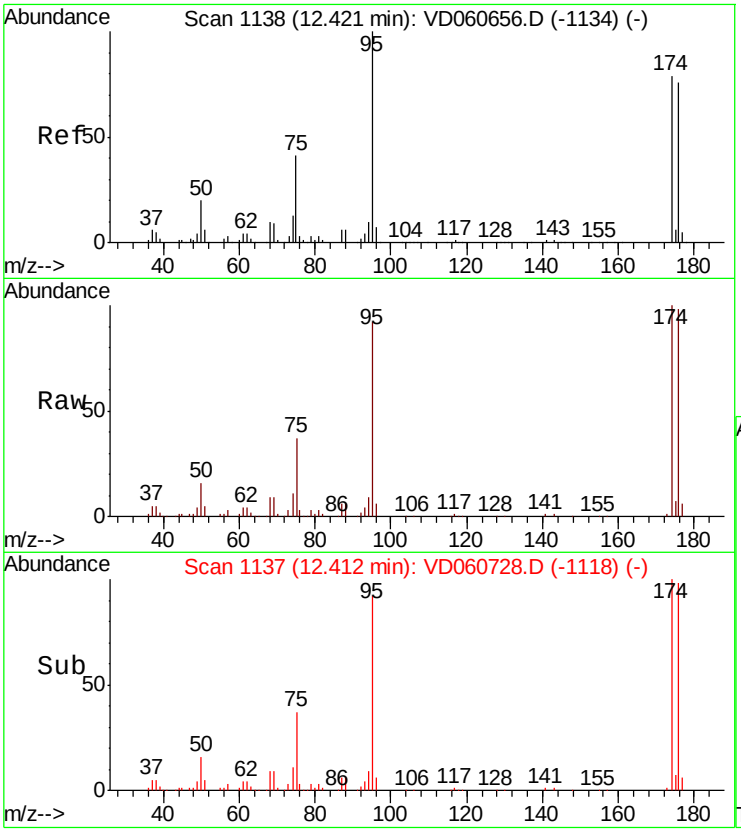


#52
Toluene
Concen: 2.196 ug/l
RT: 9.52 min Scan# 843
Delta R.T. -0.03 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Tgt Ion: 92 Resp: 49024

Ion	Ratio	Lower	Upper
92	100		
91	180.1	132.6	199.0



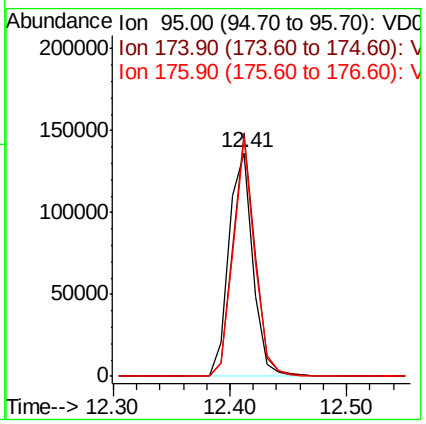


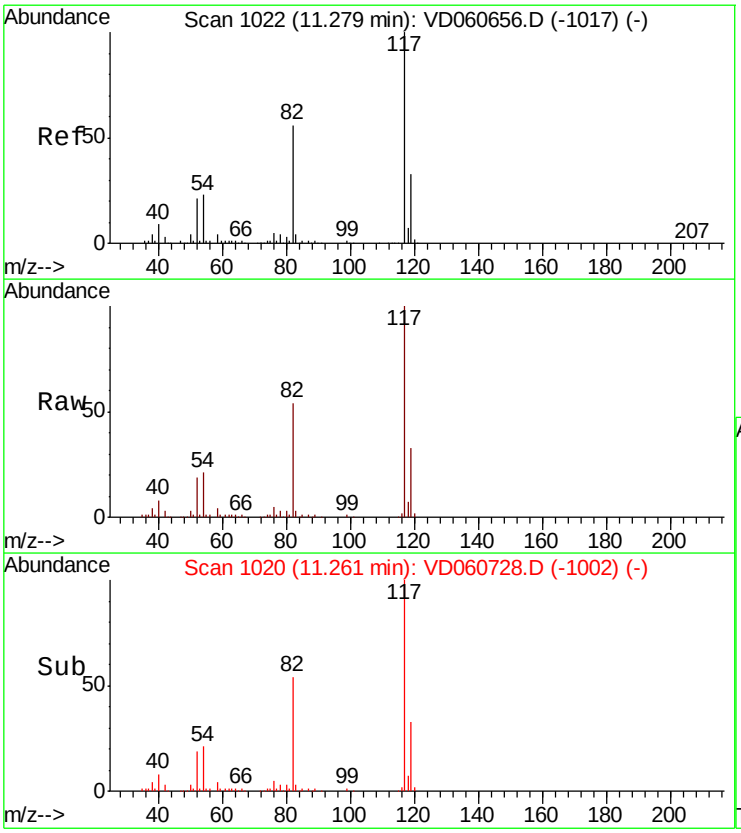
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0006-01RE

Tgt Ion: 95 Resp: 193327

Ion	Ratio	Lower	Upper
95	100		
174	109.0	0.0	158.2
176	106.9	0.0	152.4

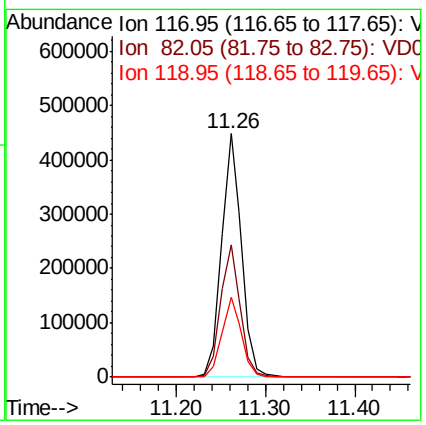


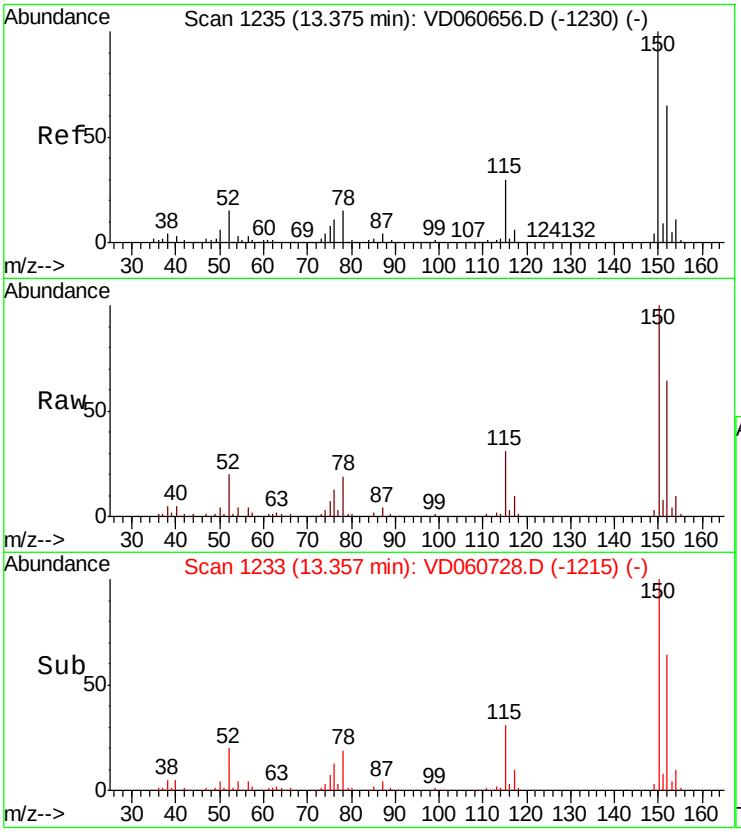


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.02 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Tgt Ion:117 Resp: 707472

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.5	66.7
119	32.8	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060728.D
Acq: 27 Dec 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
P001-SS022-0006-01RE

Tgt Ion:152 Resp: 159630

Ion	Ratio	Lower	Upper
152	100		
115	48.4	24.1	72.3
150	156.8	0.0	315.0