Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062718\
Data File : VD059450.D
Acq On : 27 Jun 2018 17:51
Operator : VA/AP
Sample : J3614-01RE
Misc : 10.36g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ZER-SB-02-1-2RE

Quant Time: Jun 28 04:05:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	622962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	829277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	609678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	237166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	246694	38.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.44%			
35) Dibromofluoromethane	5.55	113	254486	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.36%			
50) Toluene-d8	8.70	98	509805	32.28	ug/l	-0.01
Spiked Amount 50.000			Recovery = 64.56%			
62) 4-Bromofluorobenzene	11.93	95	192376	29.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 58.58%			
Target Compounds						Qvalue
16) Acetone	2.62	43	47715	59.34	ug/l	100
17) Carbon Disulfide	2.77	76	19084	3.04	ug/l #	93
20) Methylene Chloride	3.08	84	11679	2.89	ug/l #	87
25) 2-Butanone	4.85	43	14735	8.75	ug/l	93

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

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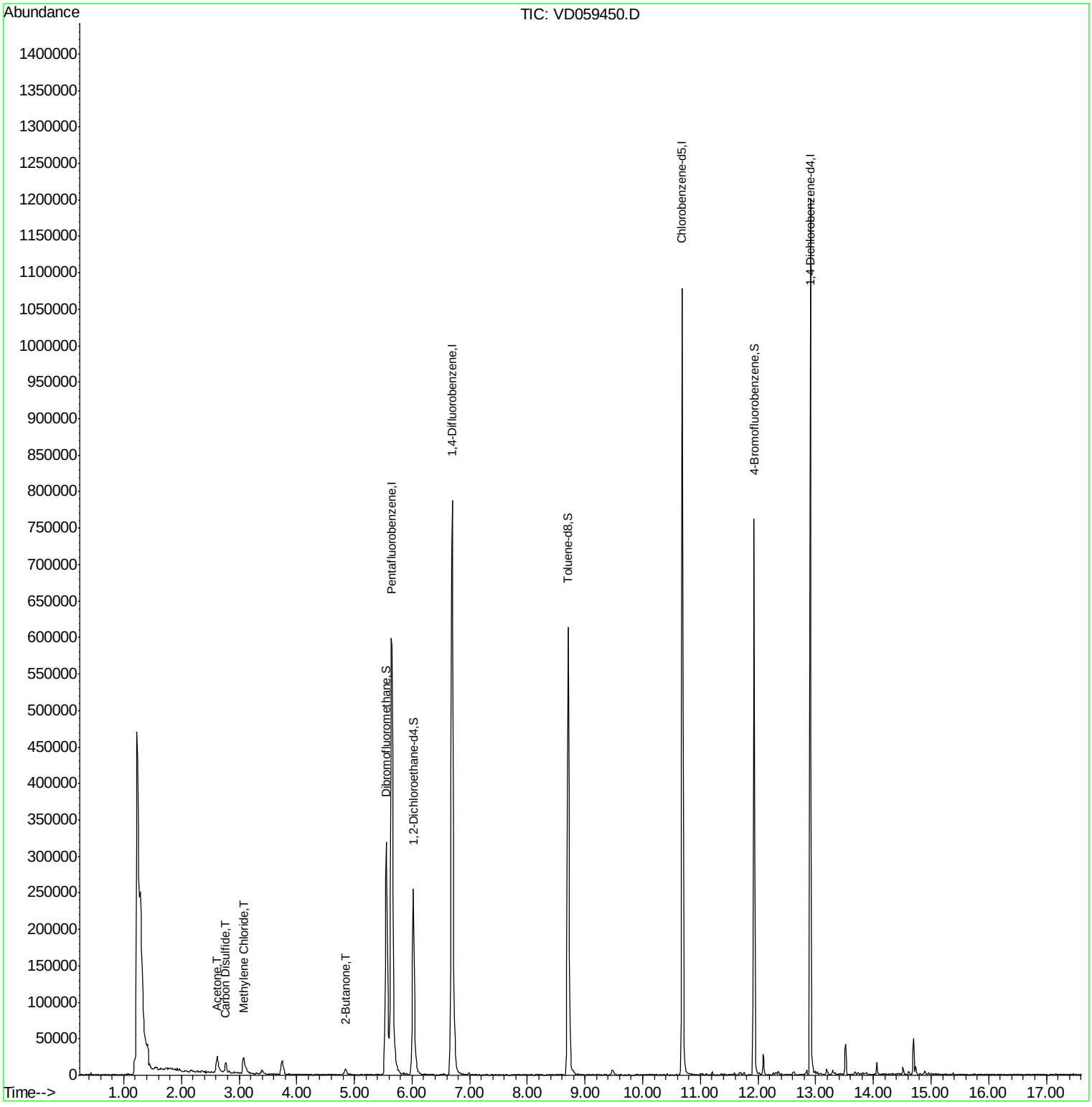
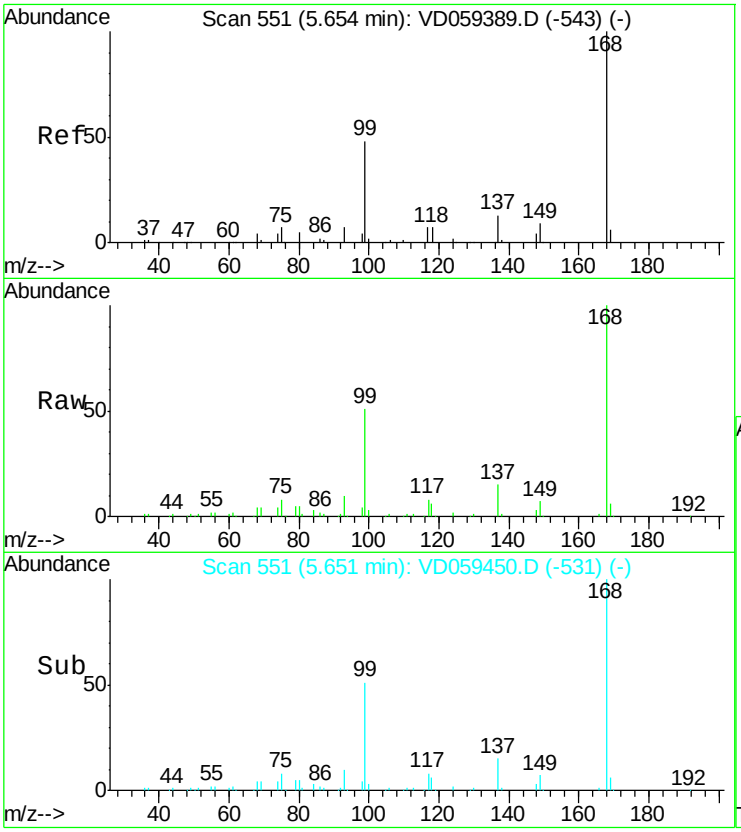


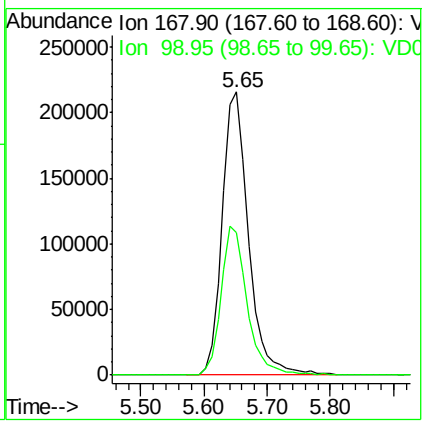


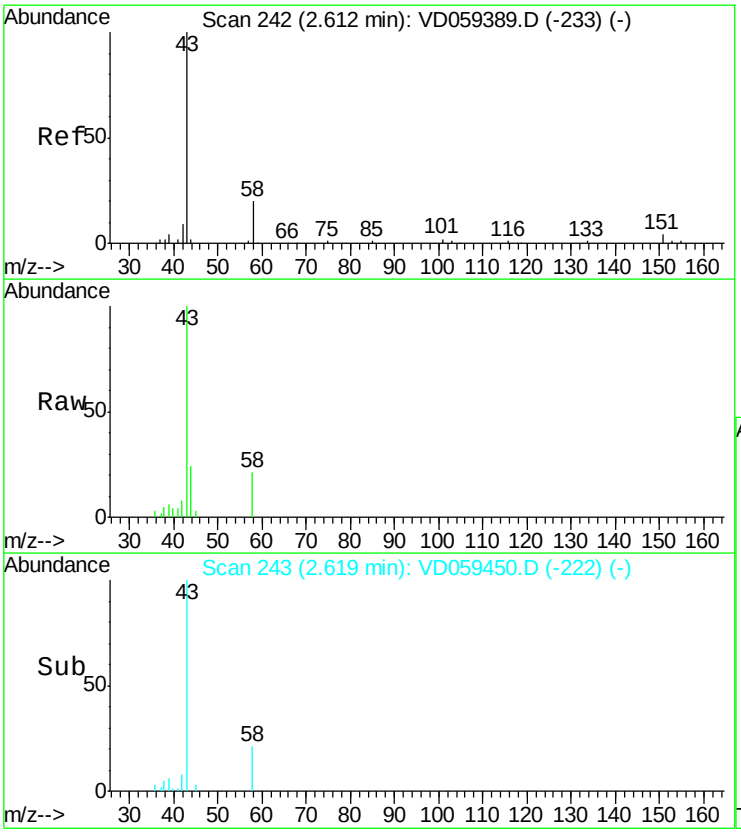
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2RE

Tgt Ion:168 Resp: 622962

Ion	Ratio	Lower	Upper
168	100		
99	50.6	41.0	61.6

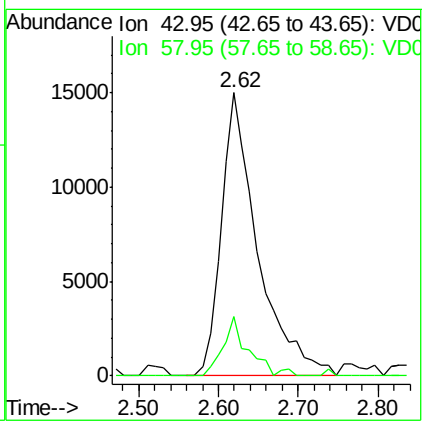


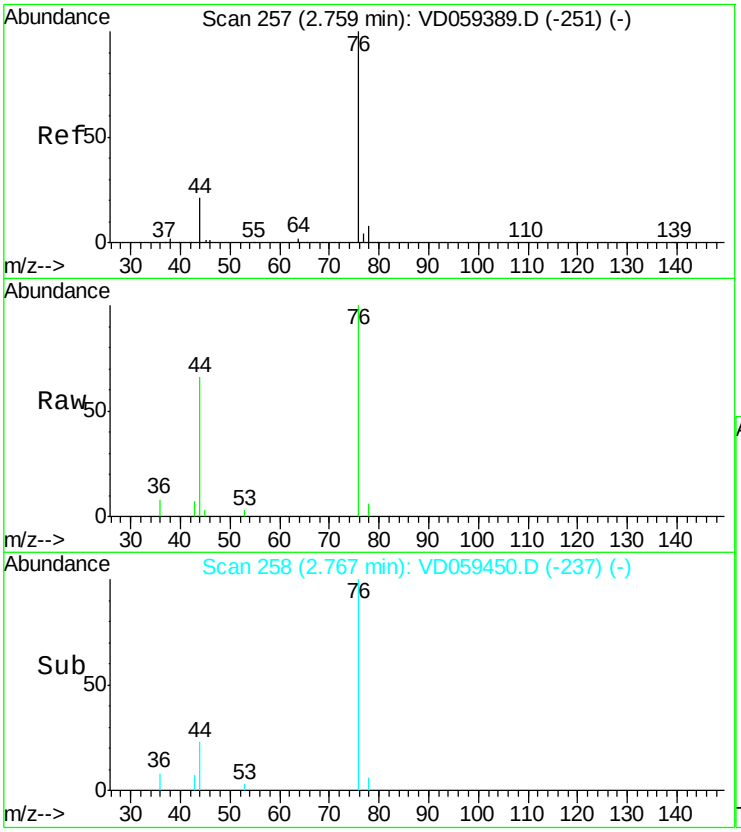


#16
Acetone
Concen: 59.34 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Tgt Ion: 43 Resp: 47715

Ion	Ratio	Lower	Upper
43	100		
58	20.8	16.8	25.2



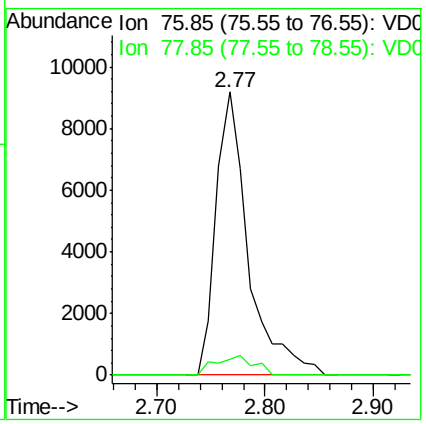


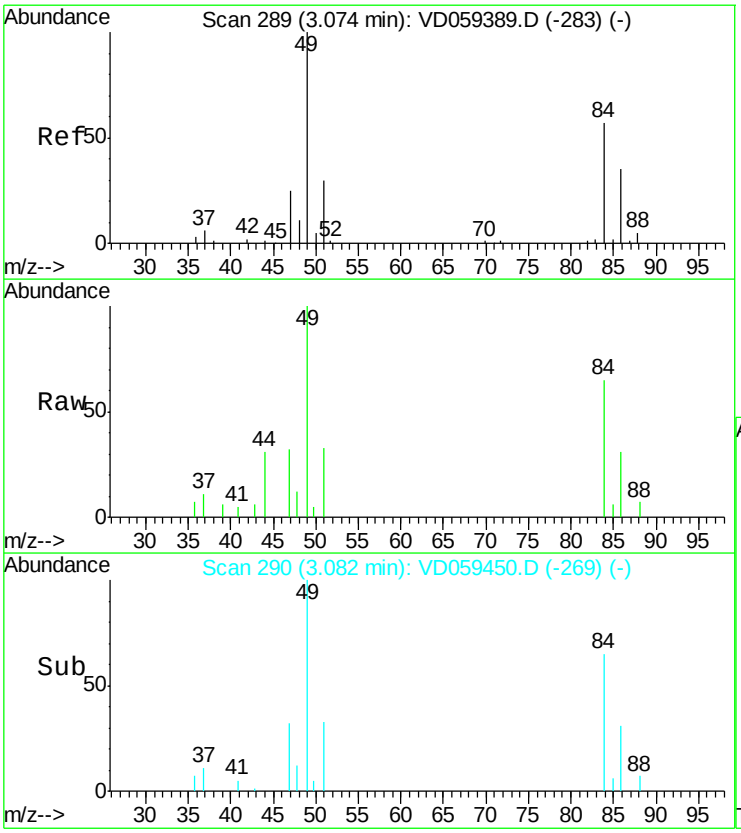
#17
Carbon Disulfide
Concen: 3.04 ug/l
RT: 2.77 min Scan# 258
Delta R.T. 0.01 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Instrument : MSVOA_D
ClientSampleId : ZER-SB-02-1-2RE

Tgt Ion: 76 Resp: 19084

Ion	Ratio	Lower	Upper
76	100		
78	5.6	6.6	9.8#

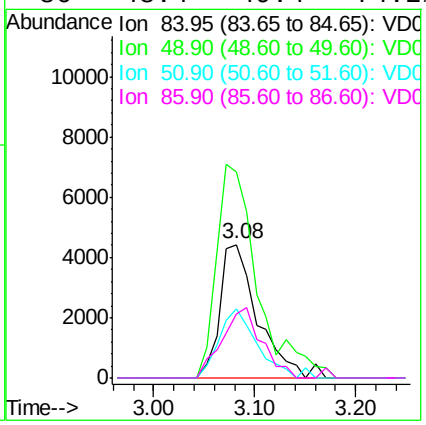


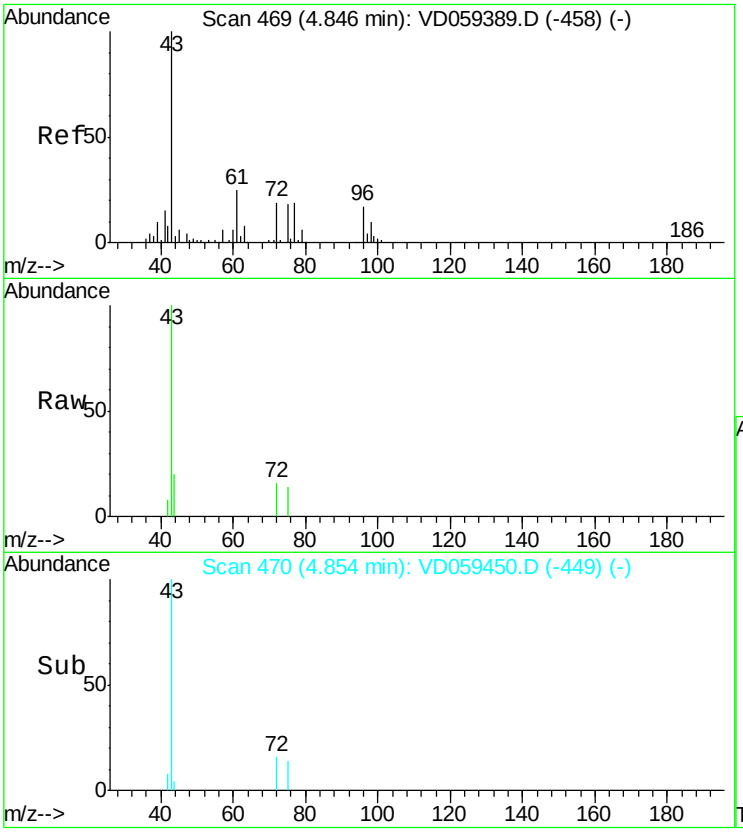


#20
Methylene Chloride
Concen: 2.89 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.01 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Tgt Ion: 84 Resp: 11679

Ion	Ratio	Lower	Upper
84	100		
49	154.5	140.3	210.5
51	51.5	41.6	62.4
86	48.4	49.4	74.2#



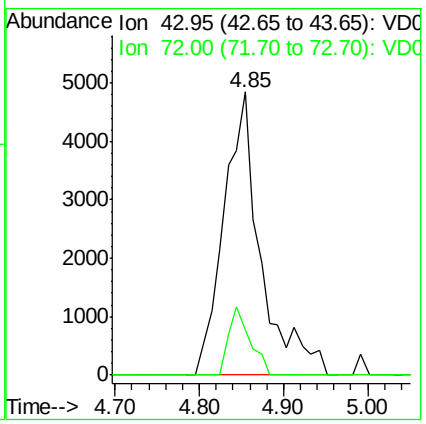


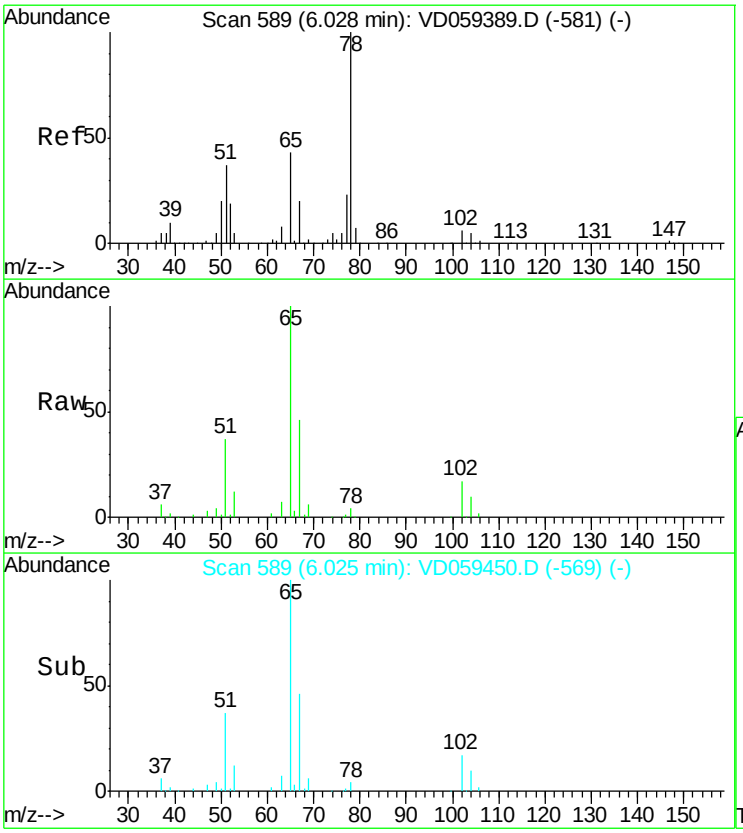
#25
2-Butanone
Concen: 8.75 ug/l
RT: 4.85 min Scan# 470
Delta R.T. 0.01 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Instrument : MSVOA_D
ClientSampleId : ZER-SB-02-1-2RE

Tgt Ion: 43 Resp: 14735

Ion	Ratio	Lower	Upper
43	100		
72	16.1	15.4	23.2

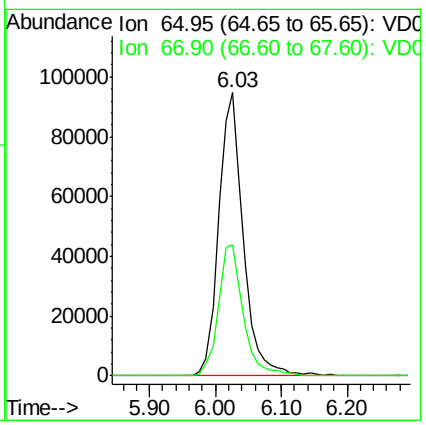


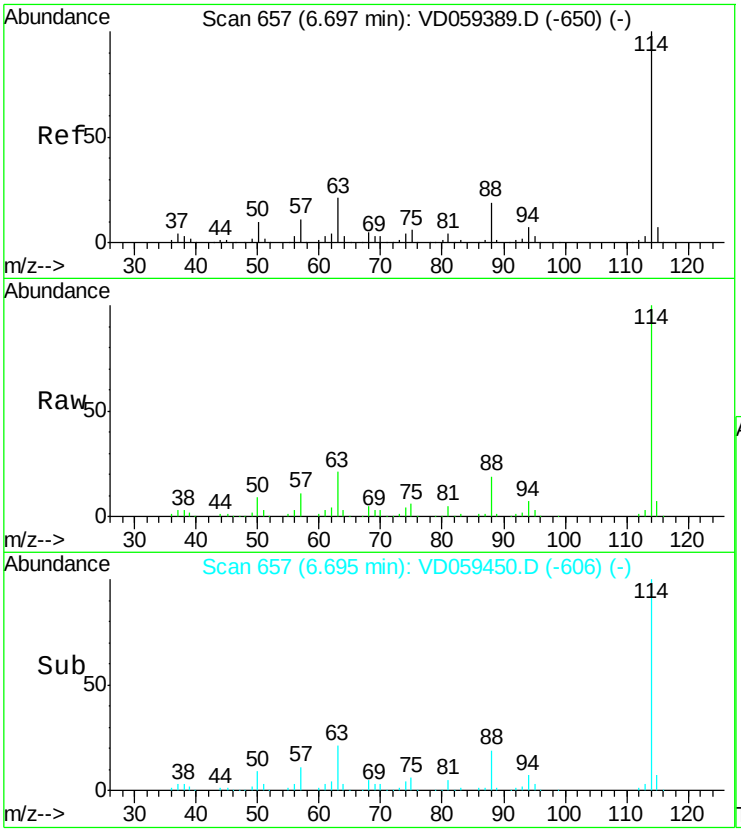


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 589
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Tgt Ion: 65 Resp: 246694

Ion	Ratio	Lower	Upper
65	100		
67	46.3	0.0	93.8



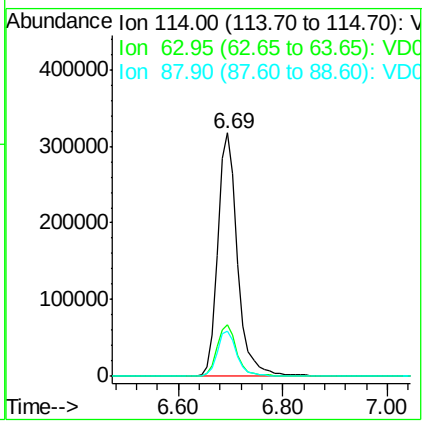


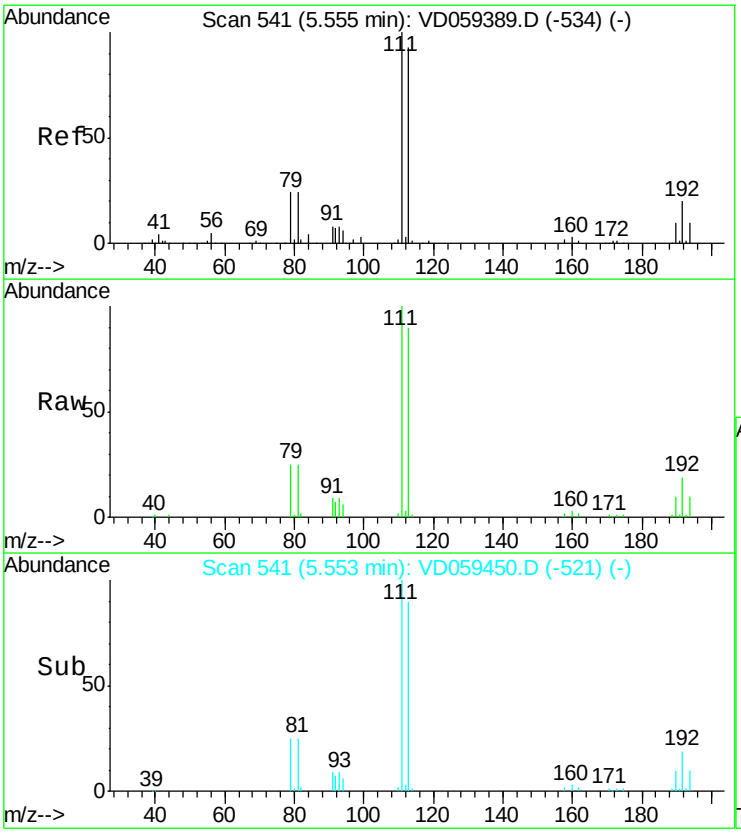
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2RE

Tgt Ion:114 Resp: 829277

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	18.7	0.0	38.0

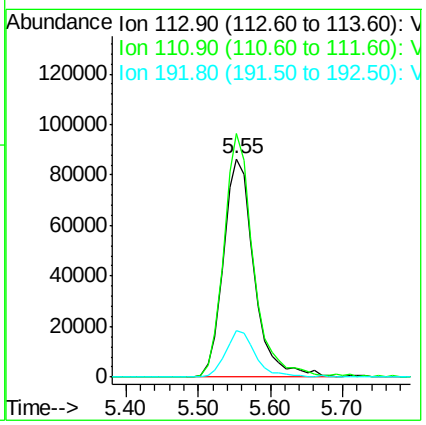


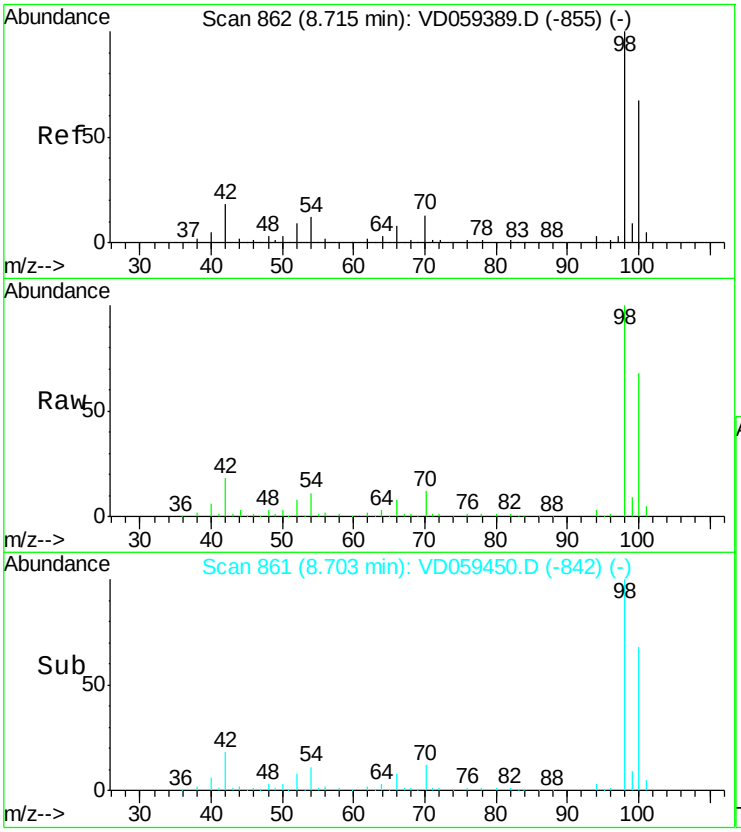


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Tgt Ion:113 Resp: 254486

Ion	Ratio	Lower	Upper
113	100		
111	111.6	85.7	128.5
192	21.4	16.9	25.3



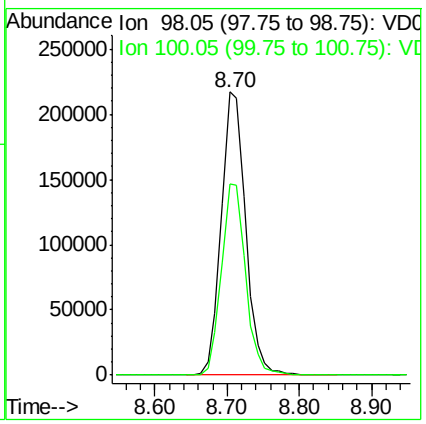


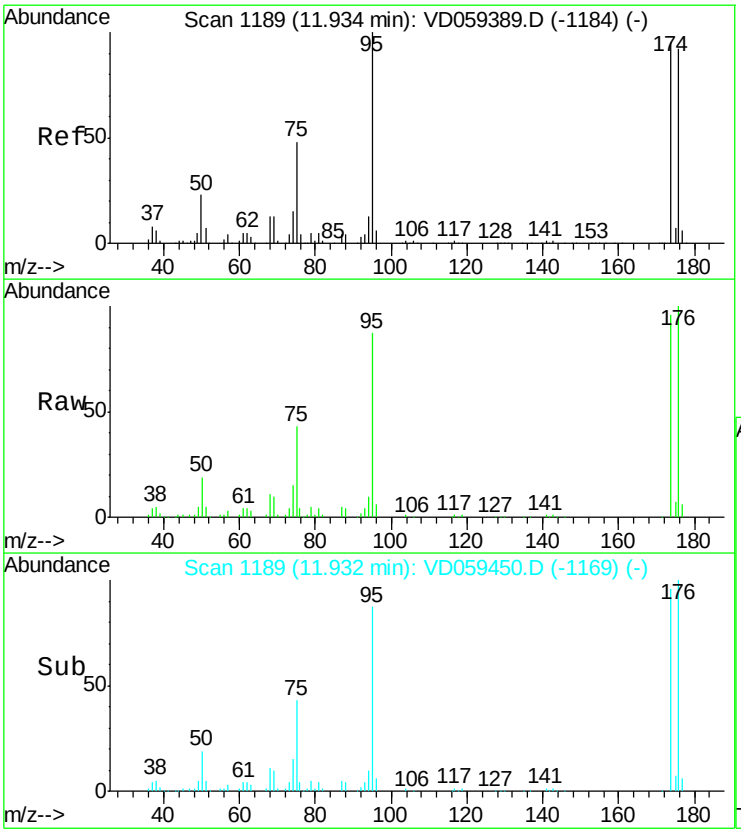
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Instrument : MSVOA_D
ClientSampleId : ZER-SB-02-1-2RE

Tgt Ion: 98 Resp: 509805

Ion	Ratio	Lower	Upper
98	100		
100	67.5	54.4	81.6

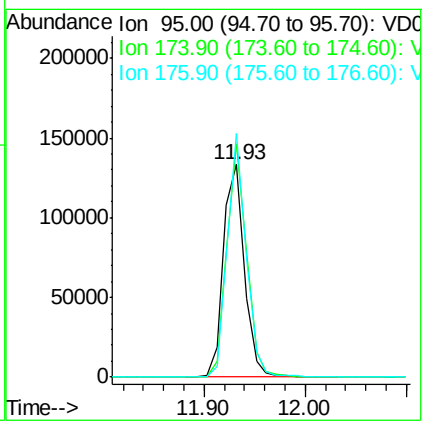


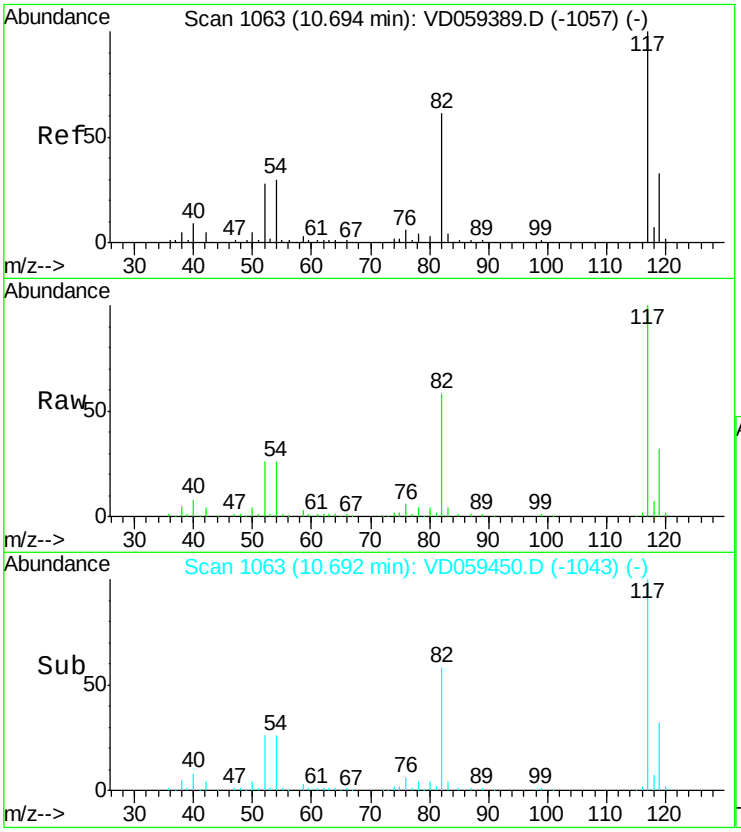


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Tgt Ion: 95 Resp: 192376

Ion	Ratio	Lower	Upper
95	100		
174	109.8	0.0	190.4
176	114.6	0.0	183.2



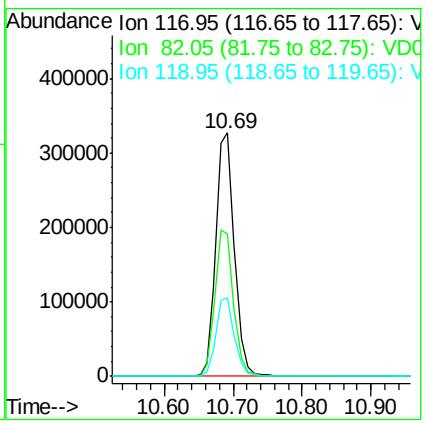


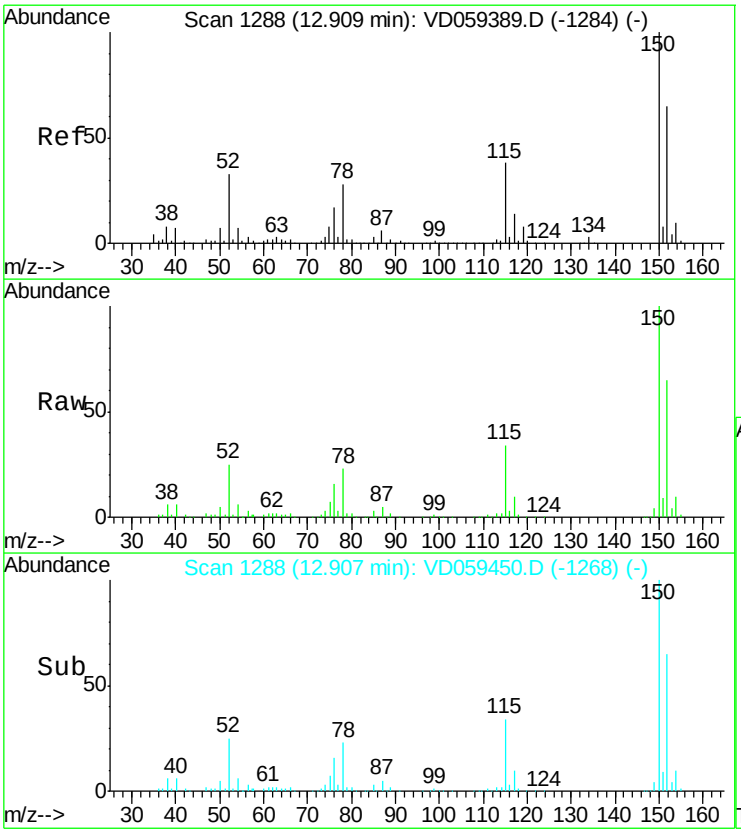
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Instrument :
MSVOA_D
ClientSampleId :
ZER-SB-02-1-2RE

Tgt Ion:117 Resp: 609678

Ion	Ratio	Lower	Upper
117	100		
82	58.4	49.0	73.6
119	32.3	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059450.D
Acq: 27 Jun 2018 17:51

Tgt Ion:152 Resp: 237166

Ion	Ratio	Lower	Upper
152	100		
115	52.5	29.4	88.3
150	153.1	0.0	308.2