Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061518\
Data File : VD058157.D
Acq On : 15 Jun 2018 17:35
Operator : VA/AP
Sample : J3523-06
Misc : 4.17g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AREA2(S)

Quant Time: Jun 15 23:50:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	648629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	837554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	633060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	246512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	399914	61.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.34%			
35) Dibromofluoromethane	5.55	113	170573	26.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 52.64%			
50) Toluene-d8	8.71	98	905288	58.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.52%			
62) 4-Bromofluorobenzene	11.93	95	324196	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.48%			
Target Compounds						Qvalue
16) Acetone	2.61	43	59917	64.133	ug/l	96
20) Methylene Chloride	3.07	84	27568	5.327	ug/l	88
25) 2-Butanone	4.84	43	17094	8.051	ug/l	97
40) Benzene	6.01	78	26341	1.222	ug/l	99
52) Toluene	8.80	92	12564	1.016	ug/l	86
68) m/p-Xylenes	11.00	106	11860	1.571	ug/l	85
69) o-Xylene	11.41	106	7908	1.055	ug/l	75
80) 1,3,5-Trimethylbenzene	12.32	105	23369	1.835	ug/l	92
84) 1,2,4-Trimethylbenzene	12.63	105	55492	4.053	ug/l	93
95) Naphthalene	14.52	128	110495	13.884	ug/l	99

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

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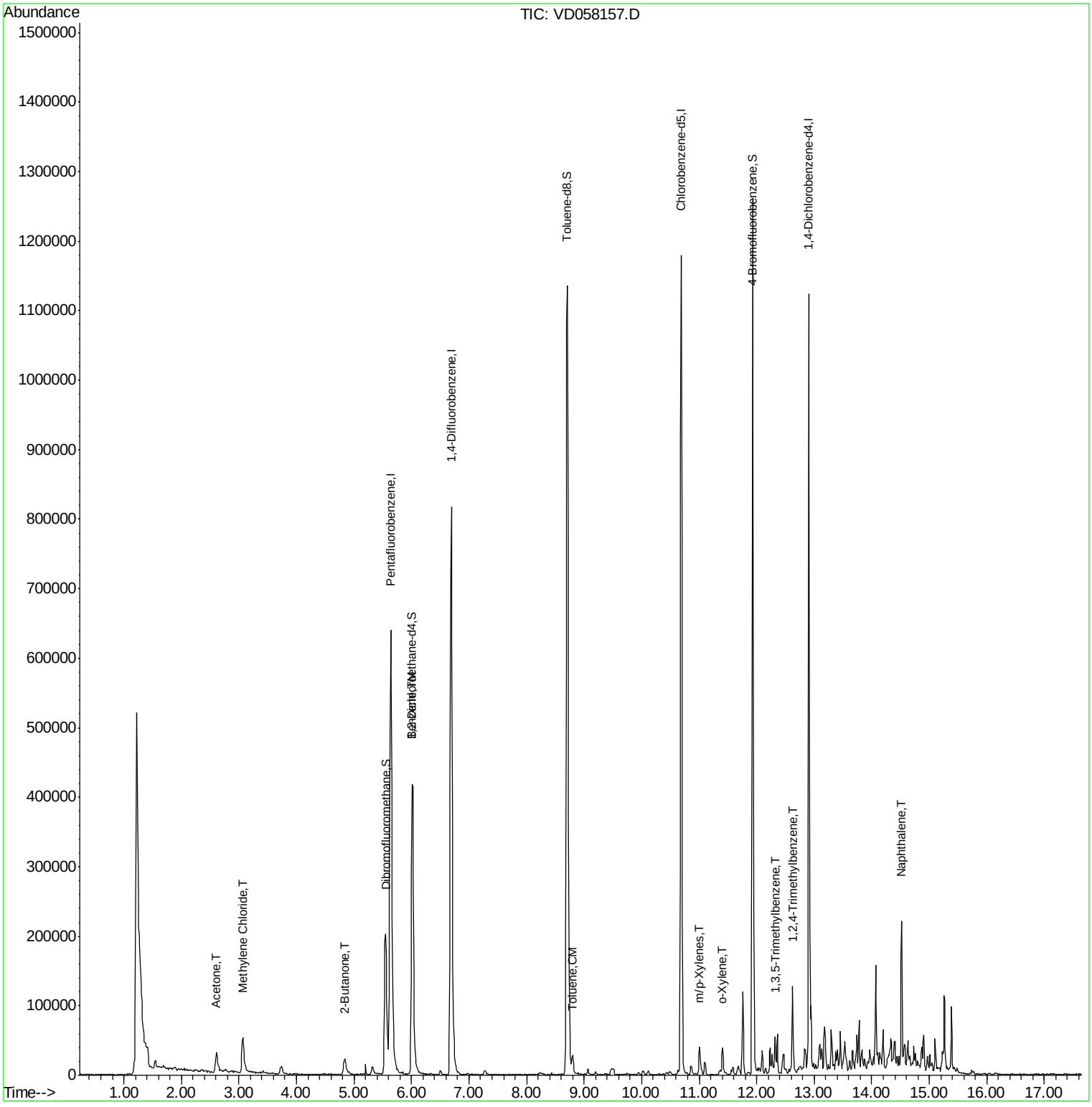
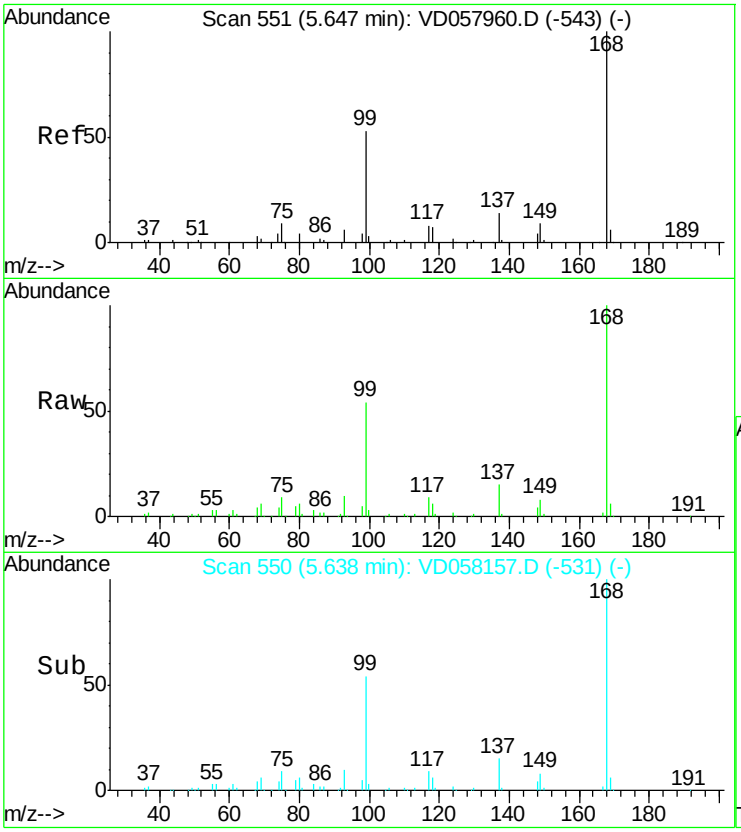


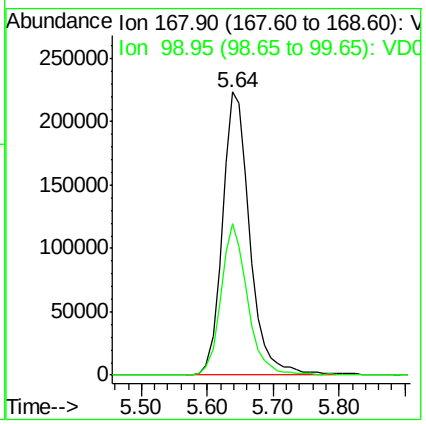


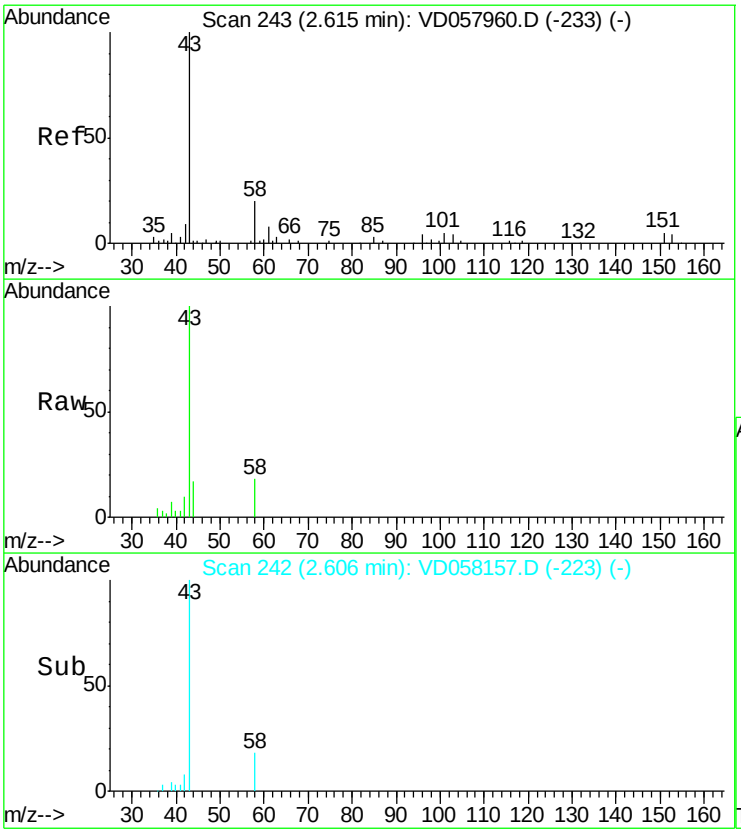
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
AREA2(S)

Tgt Ion:168 Resp: 648629

Ion	Ratio	Lower	Upper
168	100		
99	53.7	46.8	70.2

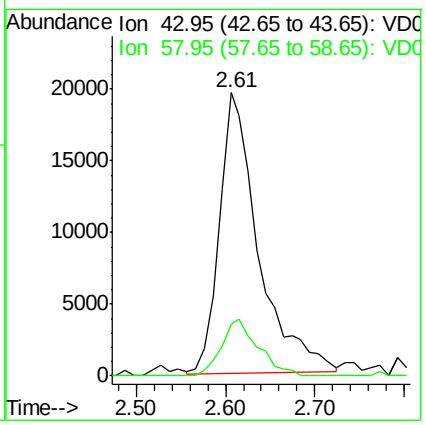


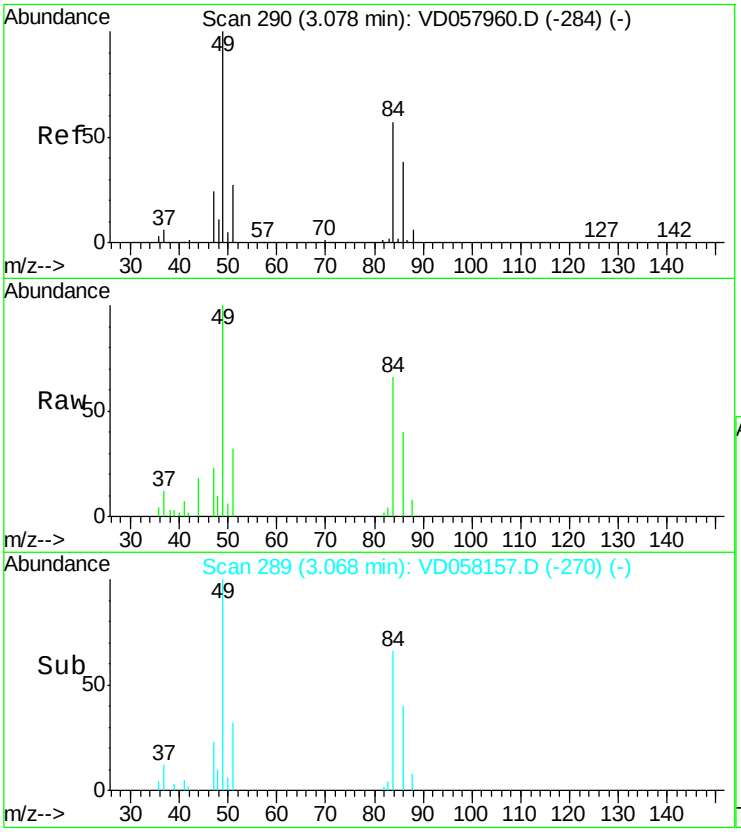


#16
Acetone
Concen: 64.133 ug/l
RT: 2.61 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion: 43 Resp: 59917

Ion	Ratio	Lower	Upper
43	100		
58	18.1	15.8	23.8



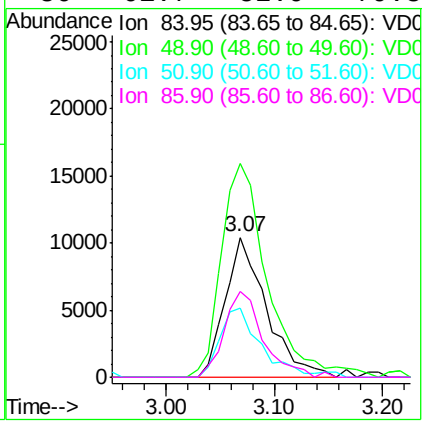


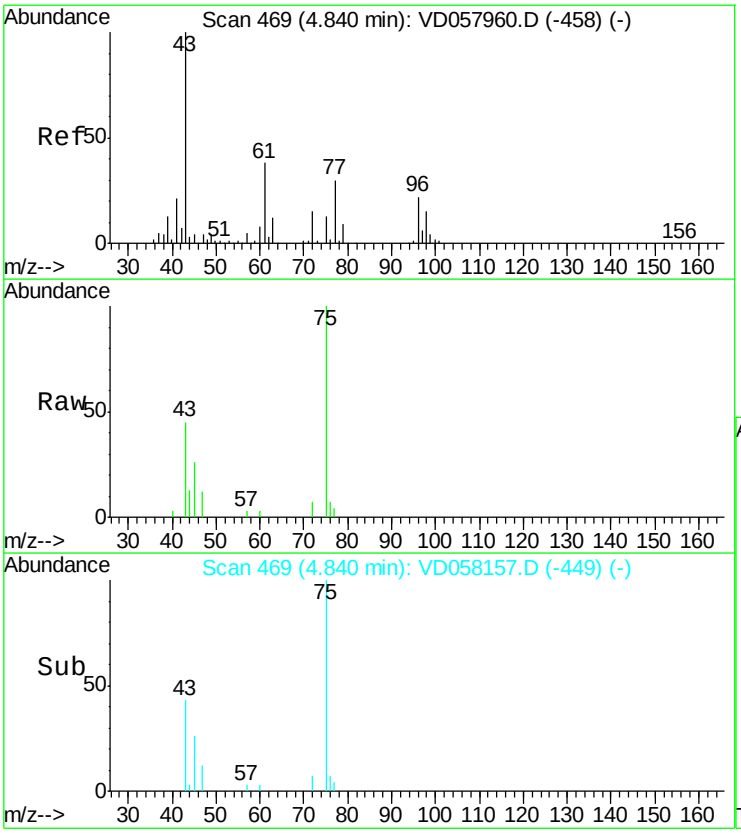
#20
Methylene Chloride
Concen: 5.327 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument : MSVOA_D
ClientSampleId : AREA2(S)

Tgt Ion: 84 Resp: 27568

Ion	Ratio	Lower	Upper
84	100		
49	152.4	141.4	212.0
51	49.0	38.3	57.5
86	61.7	52.9	79.3

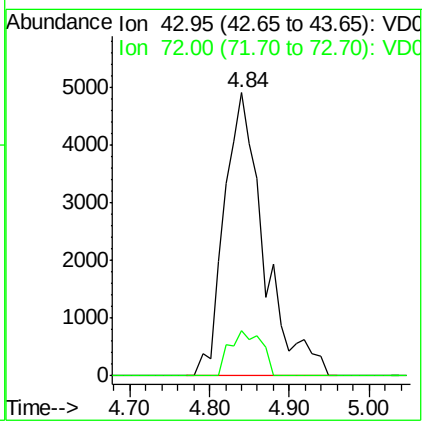


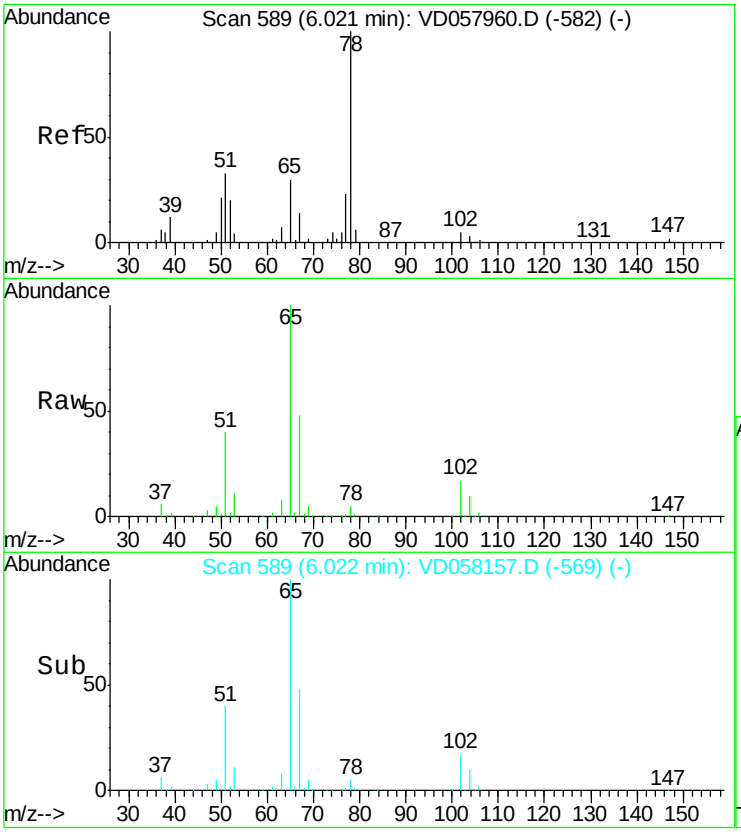


#25
2-Butanone
Concen: 8.051 ug/l
RT: 4.84 min Scan# 469
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion: 43 Resp: 17094

Ion	Ratio	Lower	Upper
43	100		
72	16.2	12.0	18.0



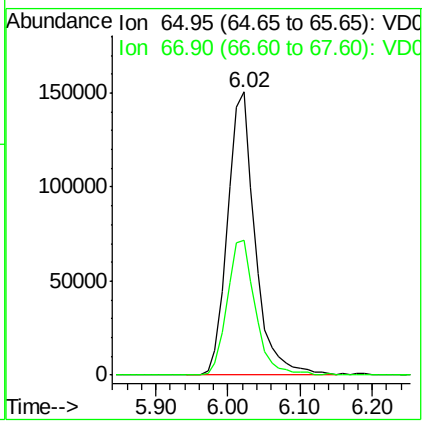


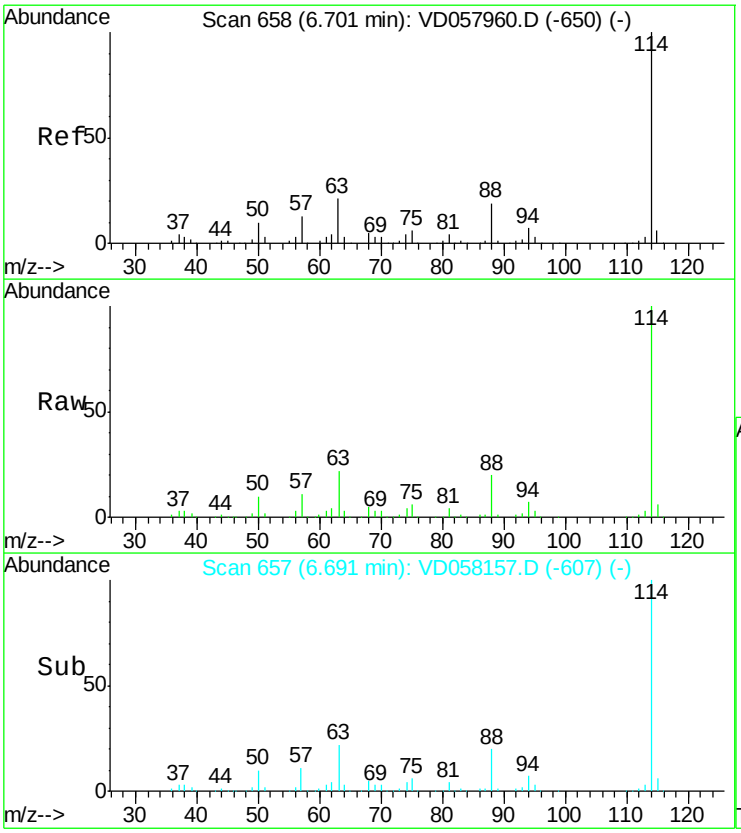
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
AREA2(S)

Tgt Ion: 65 Resp: 399914

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	94.0

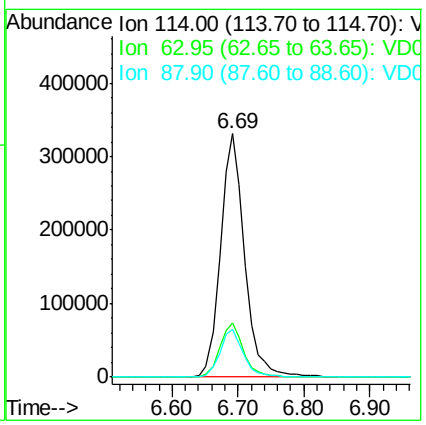


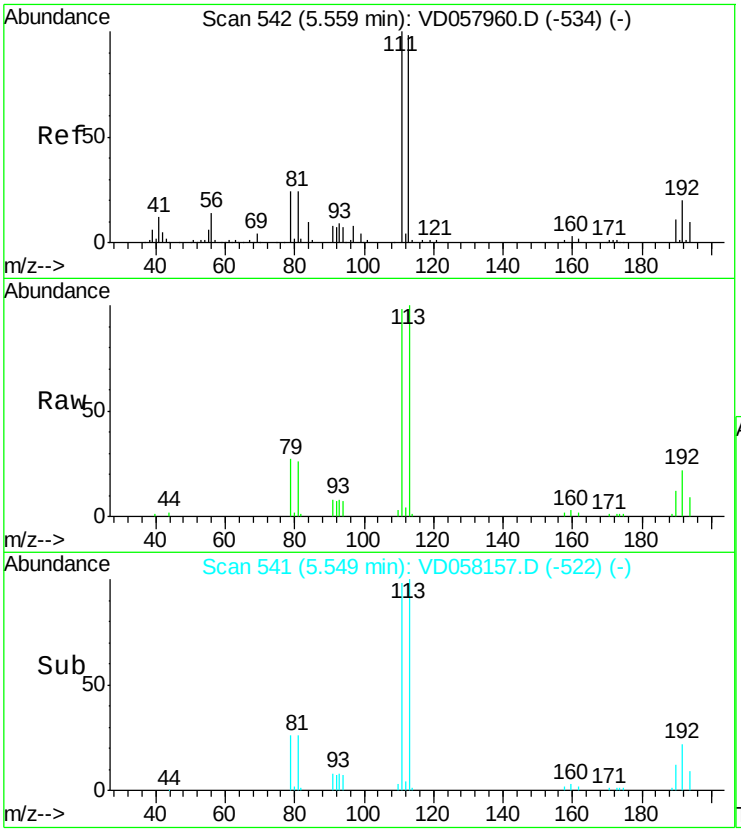


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 657
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion:114 Resp: 837554

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.8
88	19.7	0.0	37.8



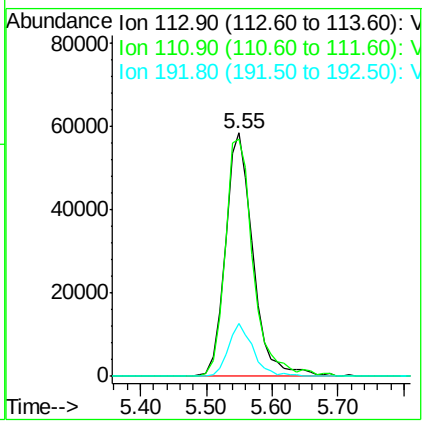


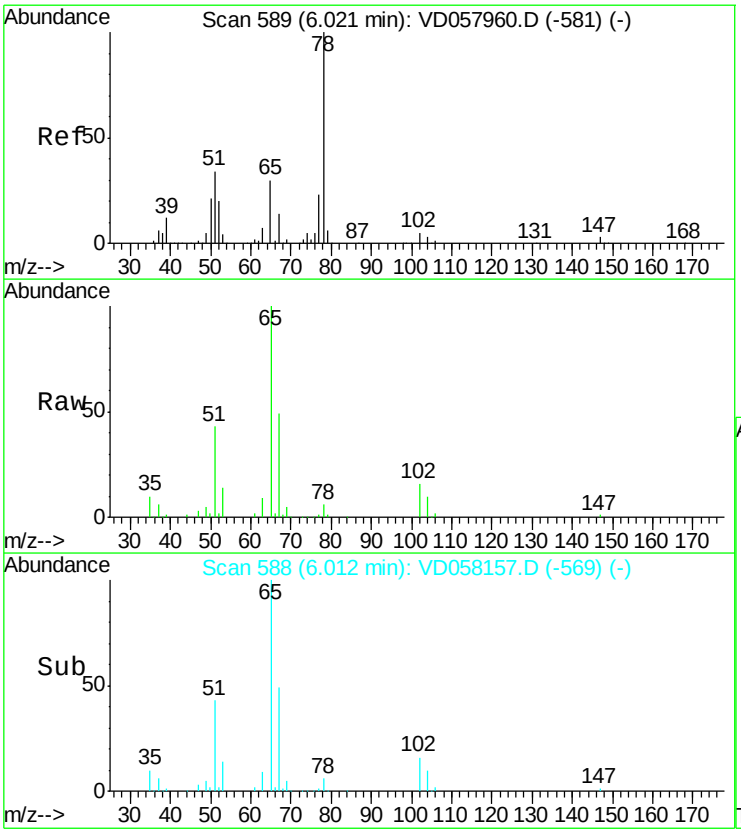
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument : MSVOA_D
ClientSampleId : AREA2(S)

Tgt Ion:113 Resp: 170573

Ion	Ratio	Lower	Upper
113	100		
111	97.7	81.5	122.3
192	21.7	16.4	24.6

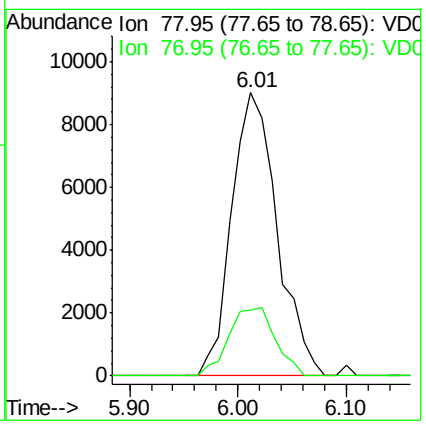


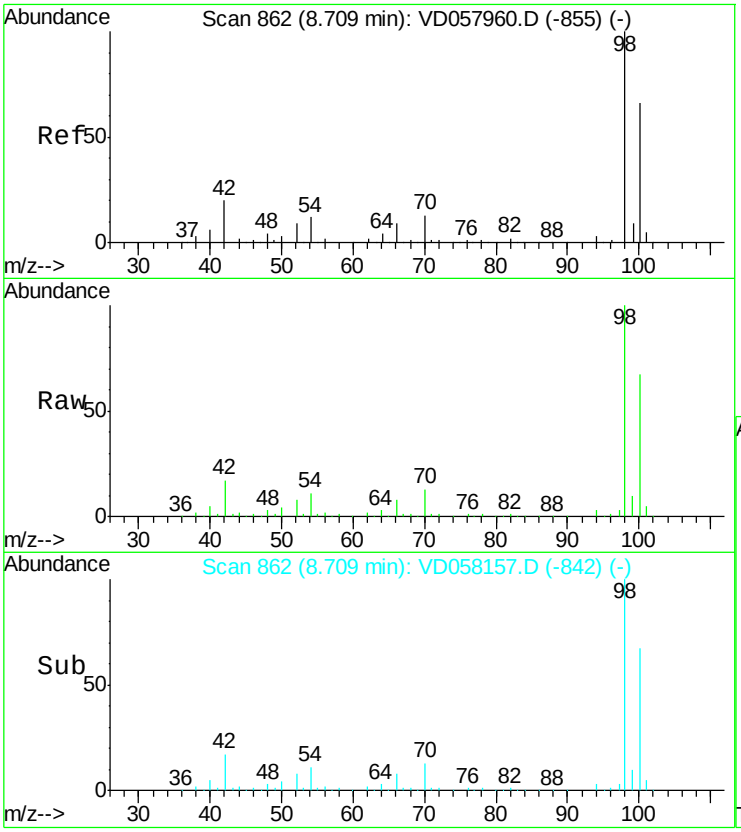


#40
Benzene
Concen: 1.222 ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion: 78 Resp: 26341

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.1	27.1



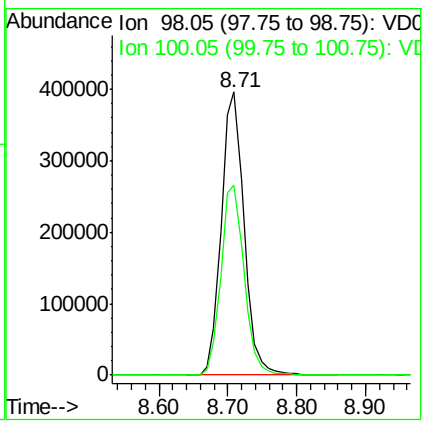


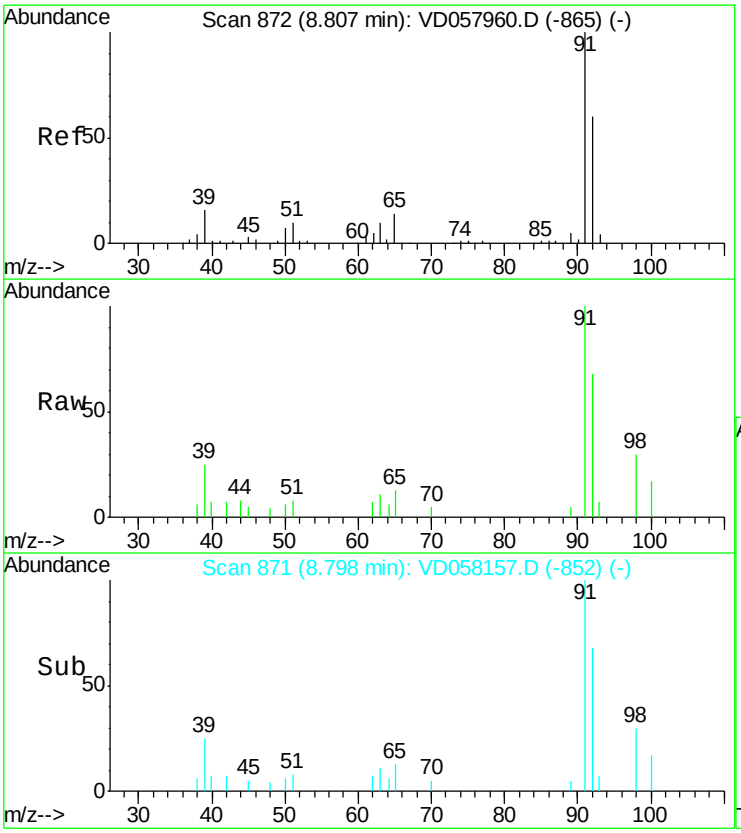
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
AREA2(S)

Tgt Ion: 98 Resp: 905288

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.0

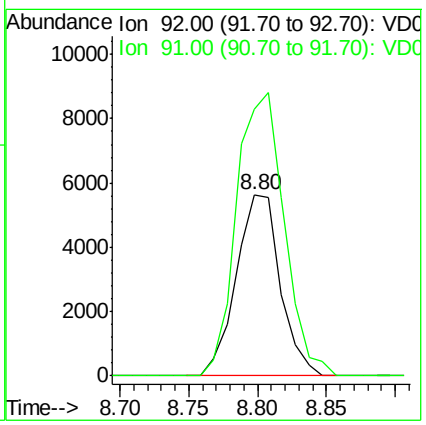


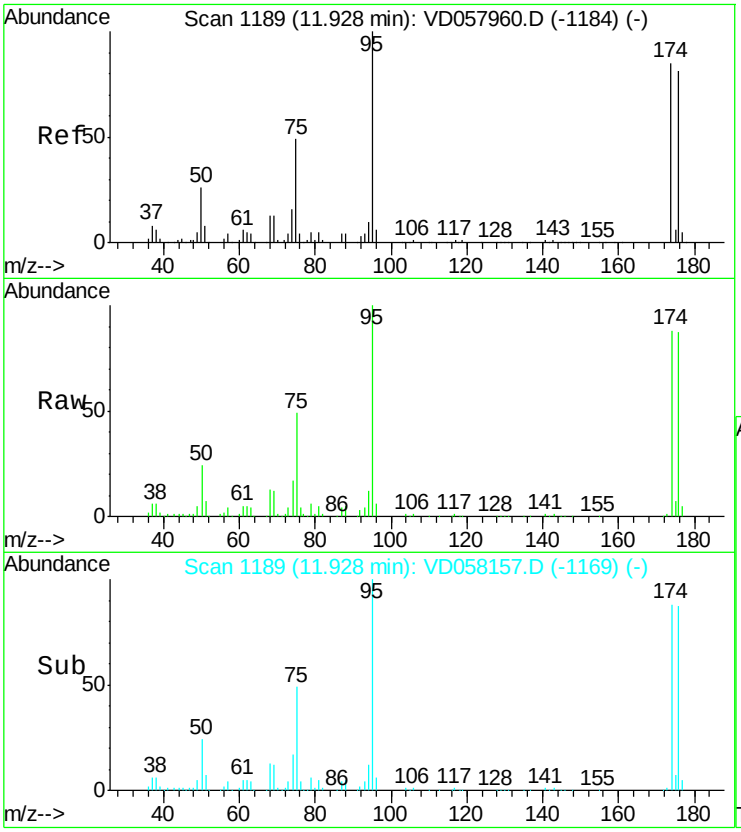


#52
Toluene
Concen: 1.016 ug/l
RT: 8.80 min Scan# 871
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion: 92 Resp: 12564

Ion	Ratio	Lower	Upper
92	100		
91	146.9	133.0	199.6



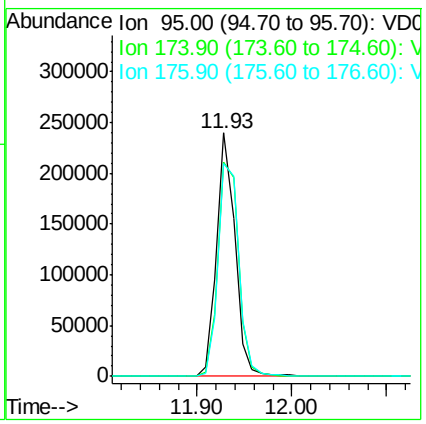


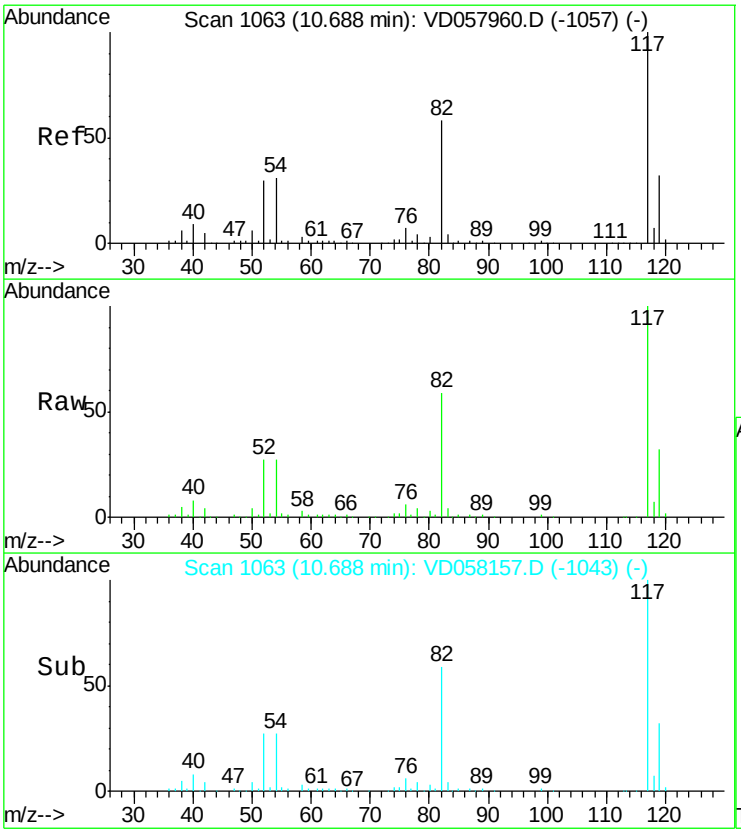
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
AREA2(S)

Tgt Ion: 95 Resp: 324196

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	169.4
176	87.2	0.0	162.6

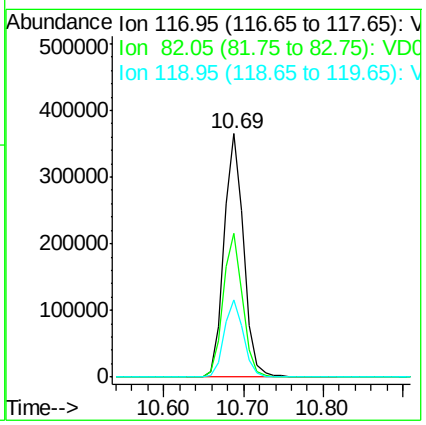


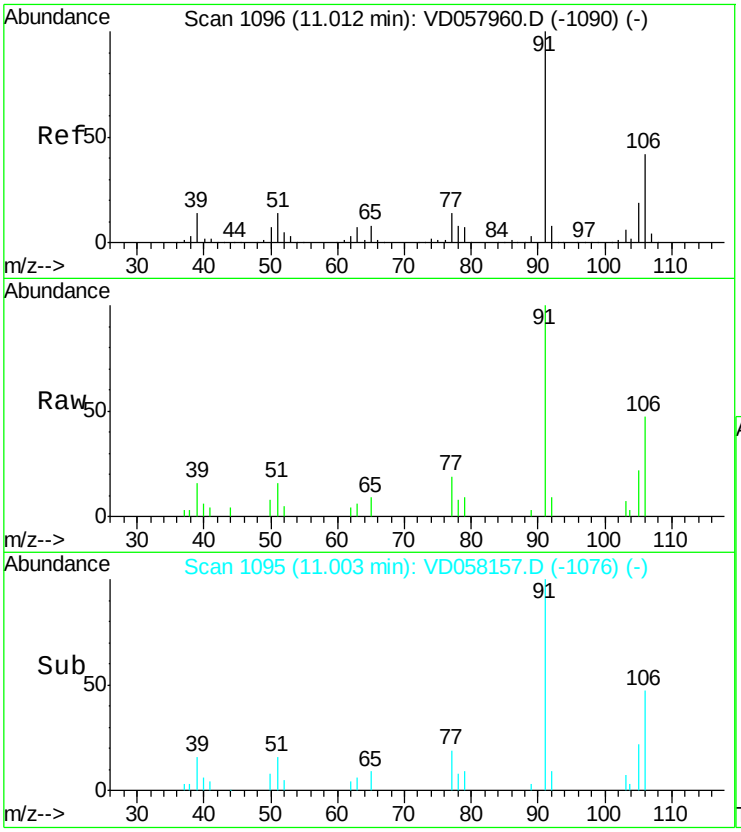


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion:117 Resp: 633060

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.8	70.2
119	31.7	25.8	38.6



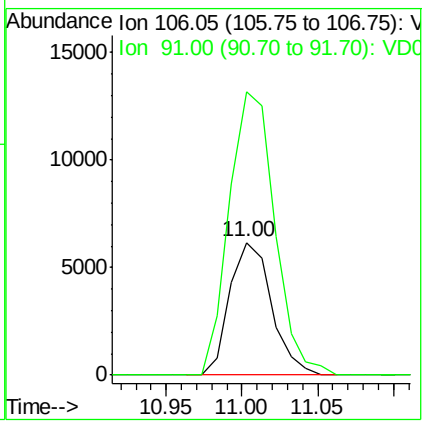


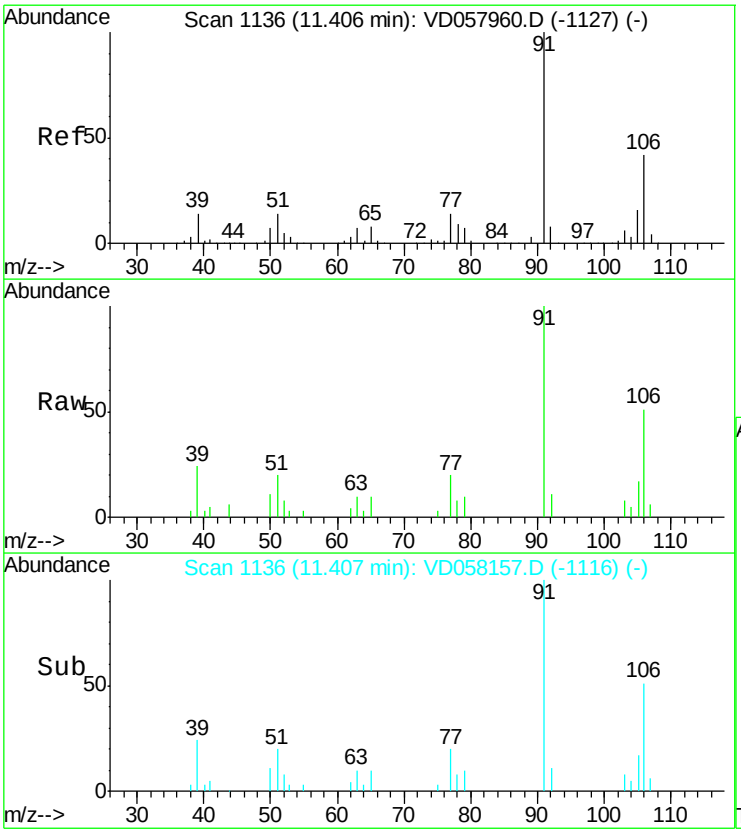
#68
m/p-Xylenes
Concen: 1.571 ug/l
RT: 11.00 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
AREA2(S)

Tgt Ion:106 Resp: 11860

Ion	Ratio	Lower	Upper
106	100		
91	213.2	190.4	285.6

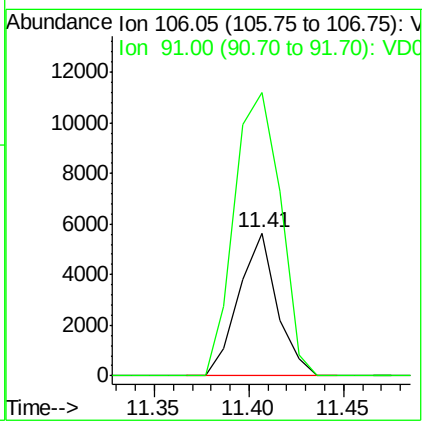


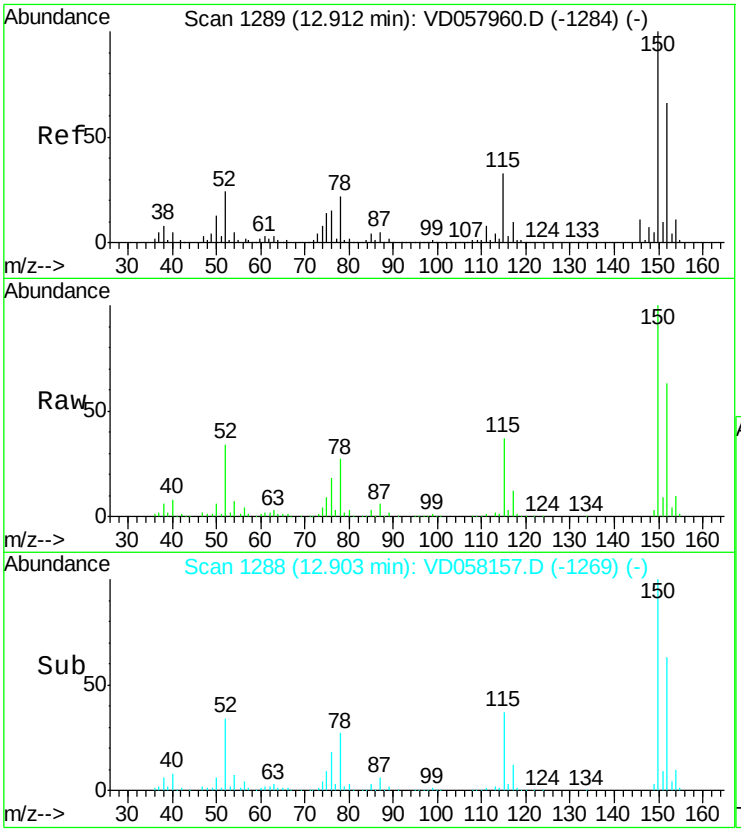


#69
o-Xylene
Concen: 1.055 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion:106 Resp: 7908

Ion	Ratio	Lower	Upper
106	100		
91	197.8	120.6	361.7



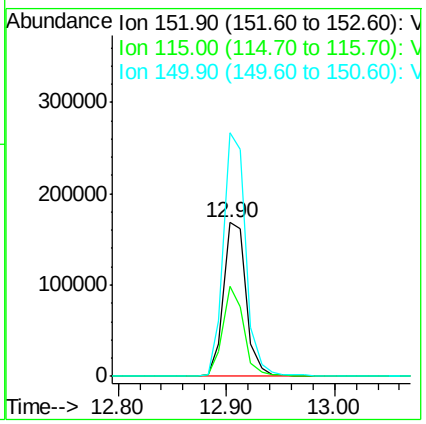


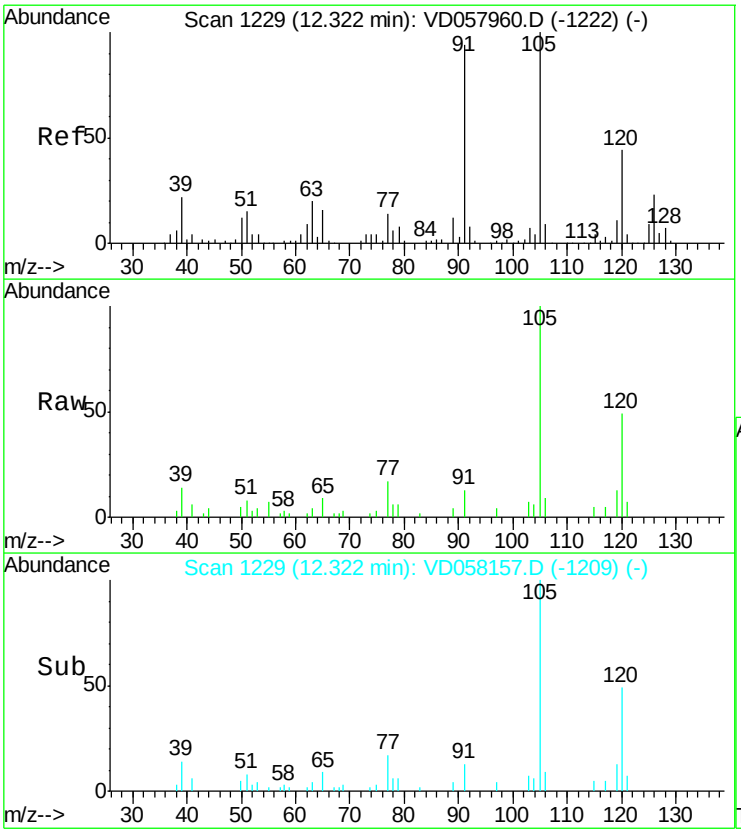
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
AREA2(S)

Tgt Ion:152 Resp: 246512

Ion	Ratio	Lower	Upper
152	100		
115	58.4	25.6	76.6
150	158.4	0.0	306.8

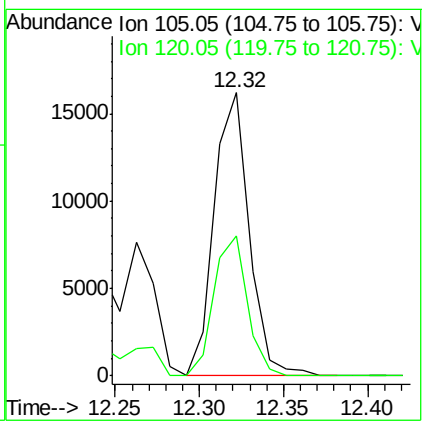


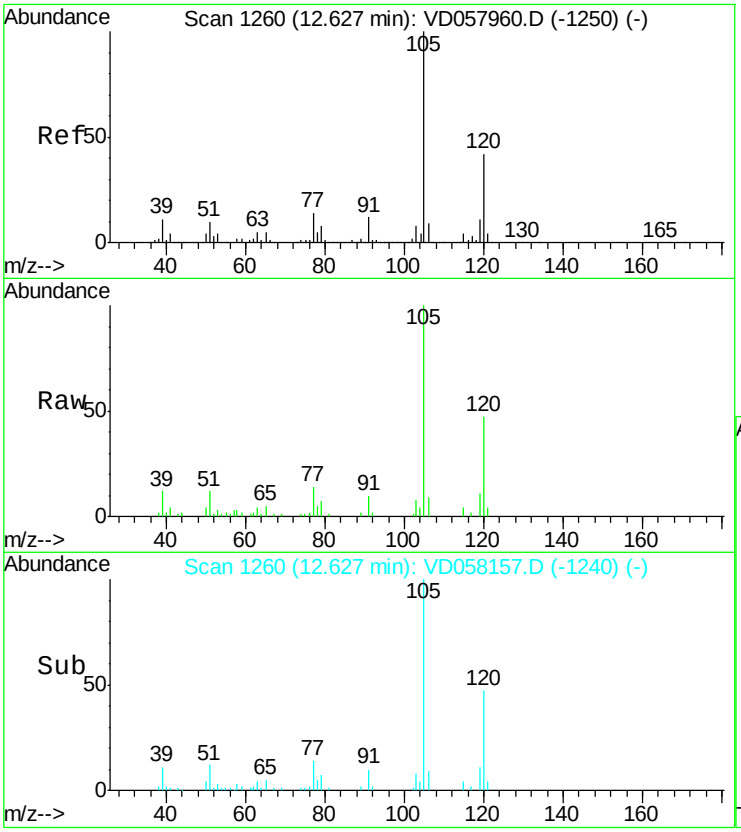


#80
1,3,5-Trimethylbenzene
Concen: 1.835 ug/l
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion:105 Resp: 23369

Ion	Ratio	Lower	Upper
105	100		
120	49.3	22.0	66.0



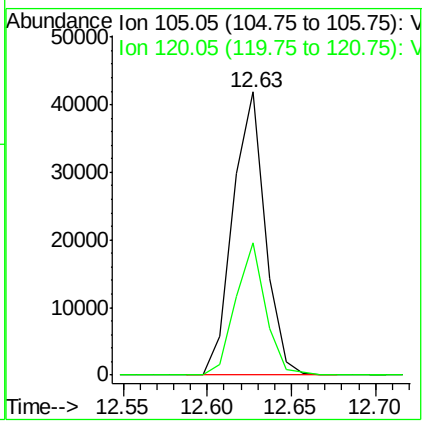


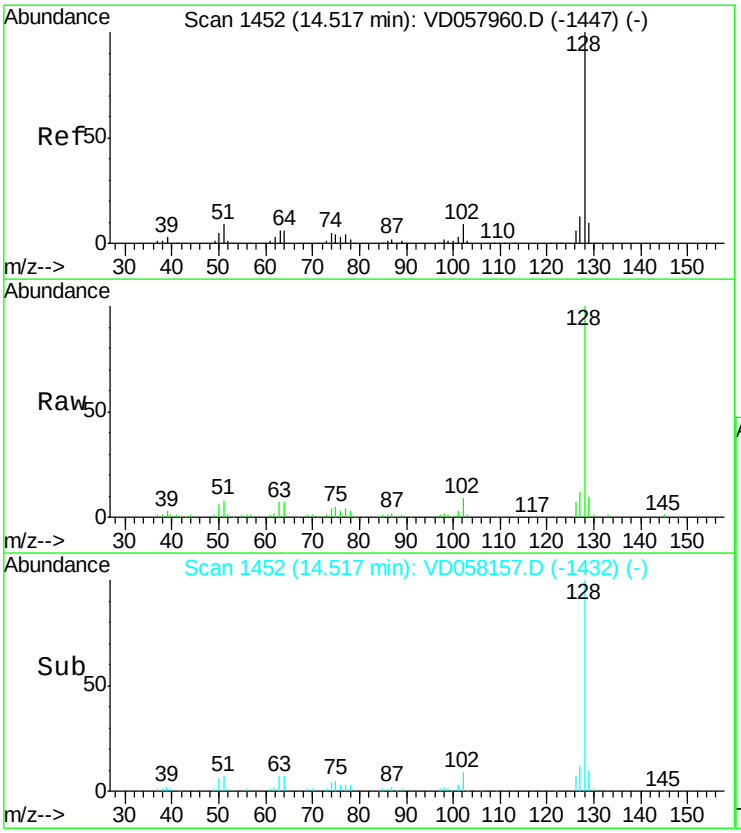
#84
1,2,4-Trimethylbenzene
Concen: 4.053 ug/l
RT: 12.63 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
AREA2(S)

Tgt Ion:105 Resp: 55492

Ion	Ratio	Lower	Upper
105	100		
120	46.9	21.2	63.6





#95
Naphthalene
Concen: 13.884 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD058157.D
Acq: 15 Jun 2018 17:35

Tgt Ion:128 Resp: 110495

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.2
129	10.4	8.2	12.2