Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061818\
Data File : VD058183.D
Acq On : 18 Jun 2018 16:11
Operator : VA/AP
Sample : J3524-01RE
Misc : 3.53g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AREA-3(S)RE

Quant Time: Jun 19 06:55:49 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	520169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	694276	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	528738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	228012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	329814	63.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 126.84%			
35) Dibromofluoromethane	5.54	113	239331	44.55	ug/l	-0.02
Spiked Amount 50.000			Recovery = 89.10%			
50) Toluene-d8	8.70	98	616430	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.54%			
62) 4-Bromofluorobenzene	11.93	95	241194	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.58%			
Target Compounds						Qvalue
16) Acetone	2.60	43	98432	131.38	ug/l	99
20) Methylene Chloride	3.06	84	17277	1.89	ug/l	96
25) 2-Butanone	4.83	43	15154	8.90	ug/l #	91
68) m/p-Xylenes	11.01	106	6426	1.02	ug/l	85
80) 1,3,5-Trimethylbenzene	12.31	105	12007	1.02	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	28772	2.27	ug/l	94
95) Naphthalene	14.52	128	189756	25.78	ug/l	97

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

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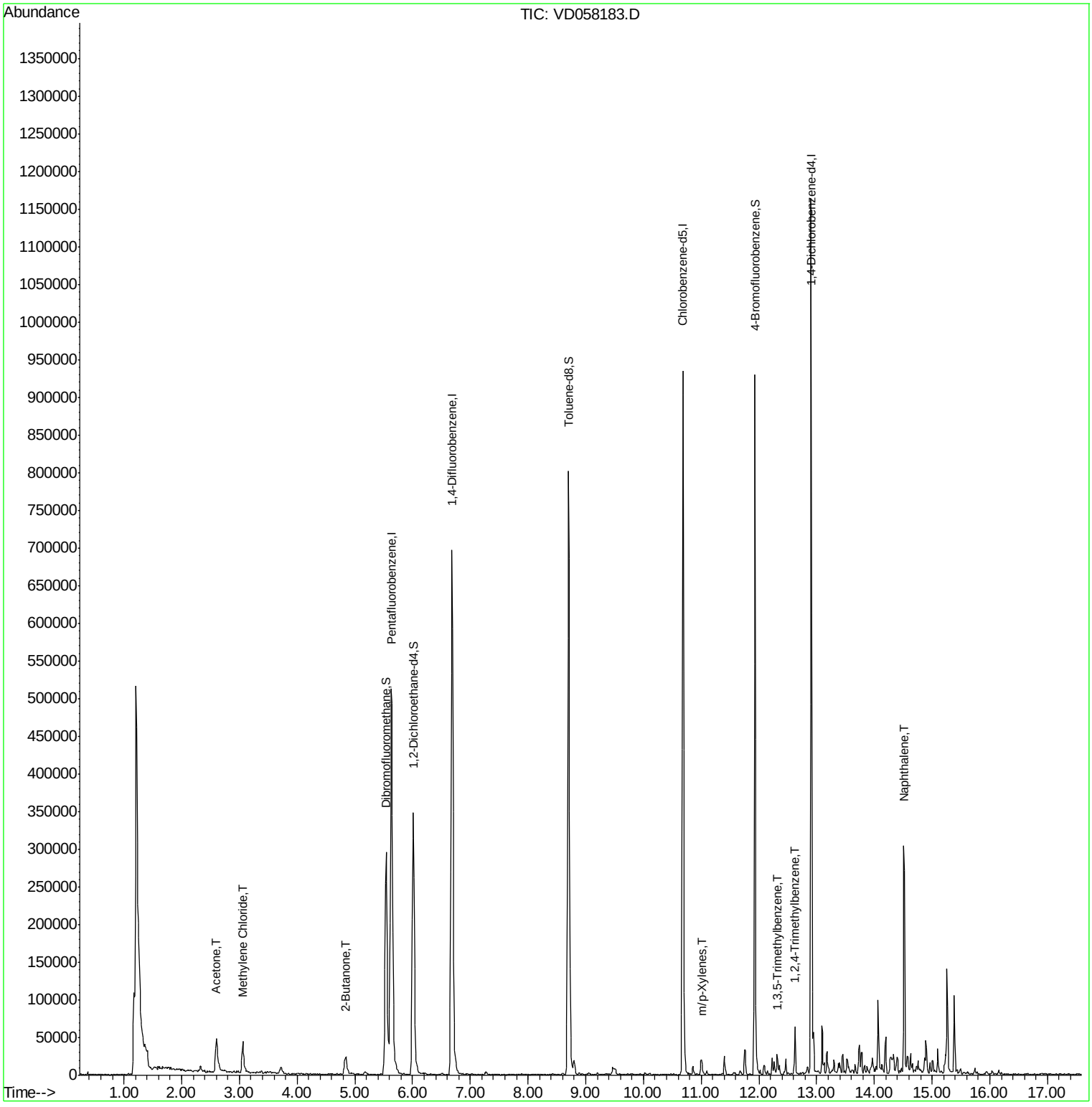
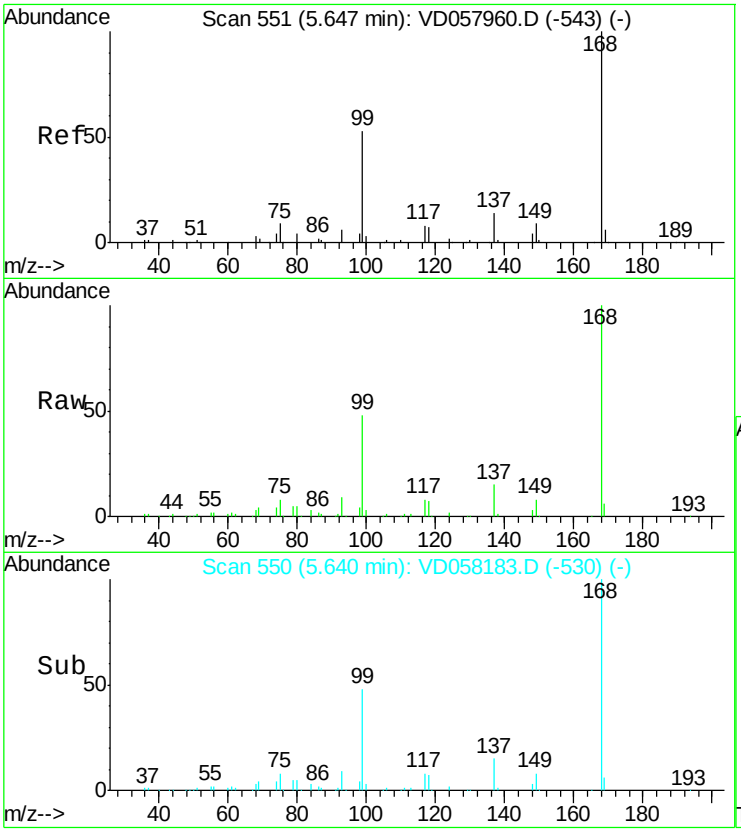
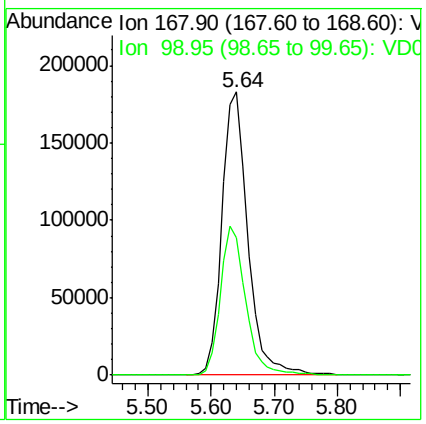




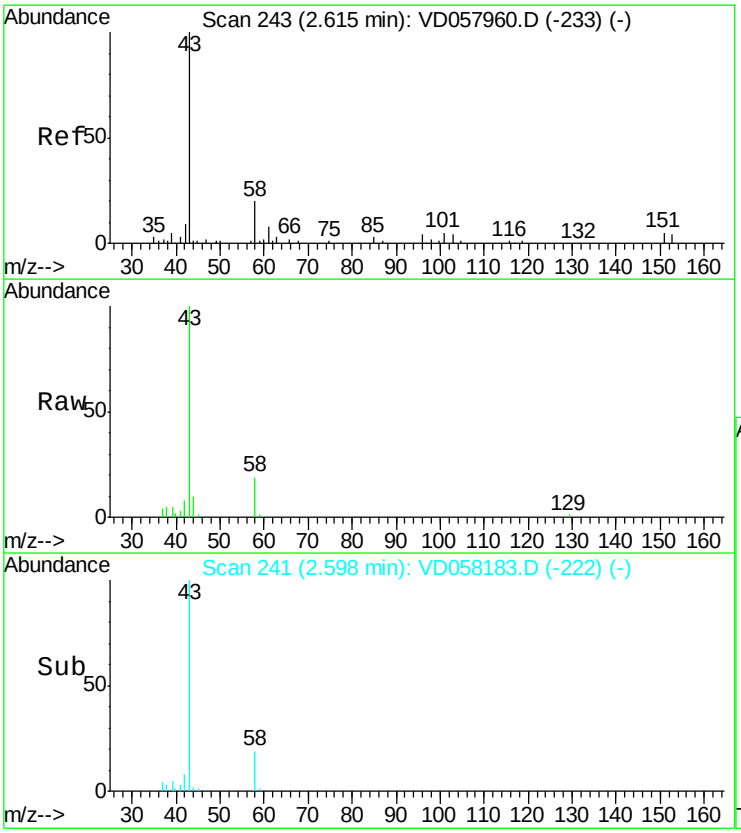
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion:168 Resp: 520169

Ion	Ratio	Lower	Upper
168	100		
99	48.4	46.8	70.2



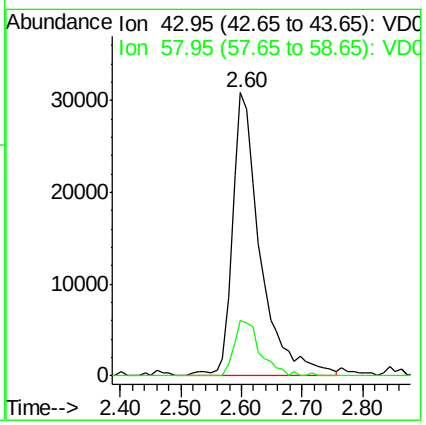
Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

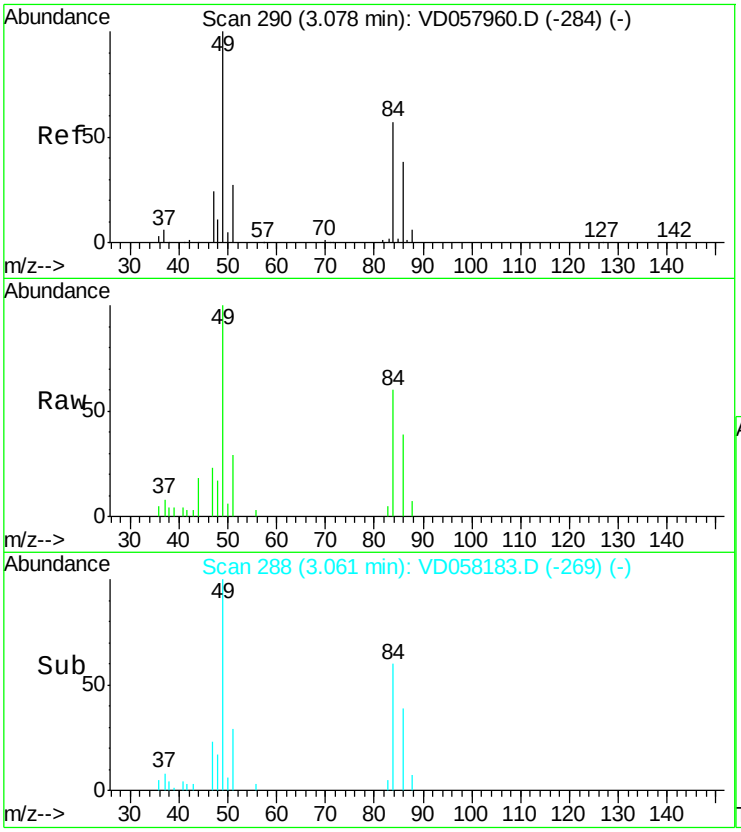


#16
Acetone
Concen: 131.38 ug/l
RT: 2.60 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion: 43 Resp: 98432

Ion	Ratio	Lower	Upper
43	100		
58	19.4	15.8	23.8



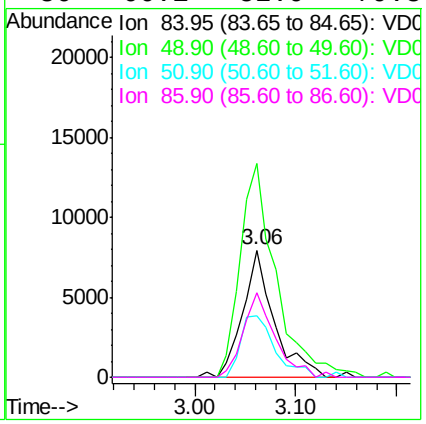


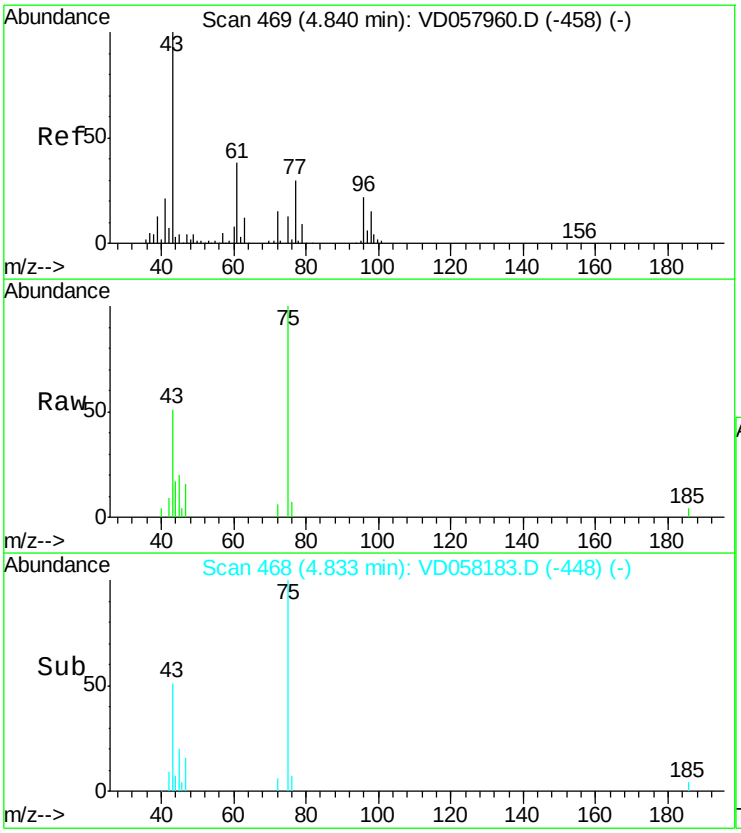
#20
Methylene Chloride
Concen: 1.89 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument : MSVOA_D
ClientSampleId : AREA-3(S)RE

Tgt Ion: 84 Resp: 17277

Ion	Ratio	Lower	Upper
84	100		
49	167.7	141.4	212.0
51	48.2	38.3	57.5
86	66.1	52.9	79.3

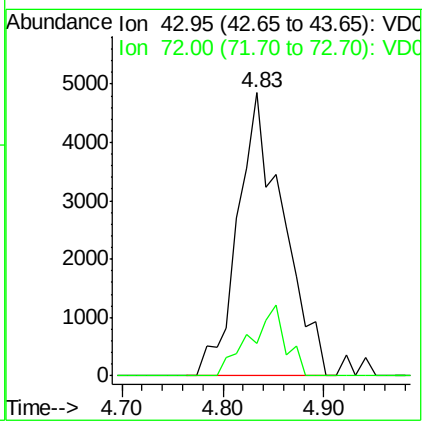


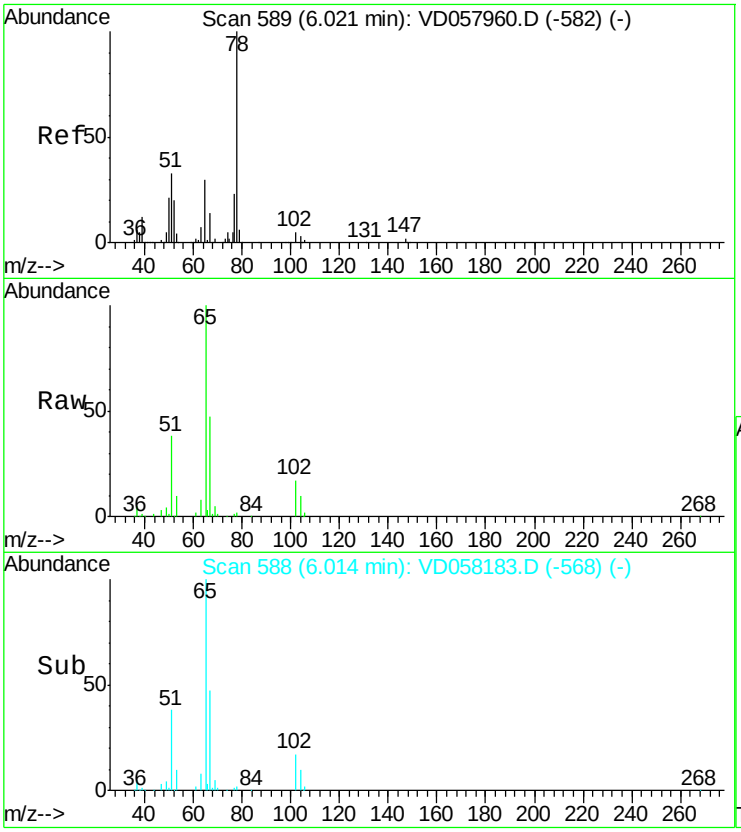


#25
2-Butanone
Concen: 8.90 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion: 43 Resp: 15154

Ion	Ratio	Lower	Upper
43	100		
72	11.3	12.0	18.0#



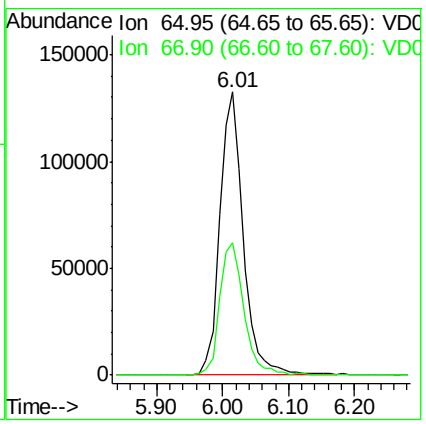


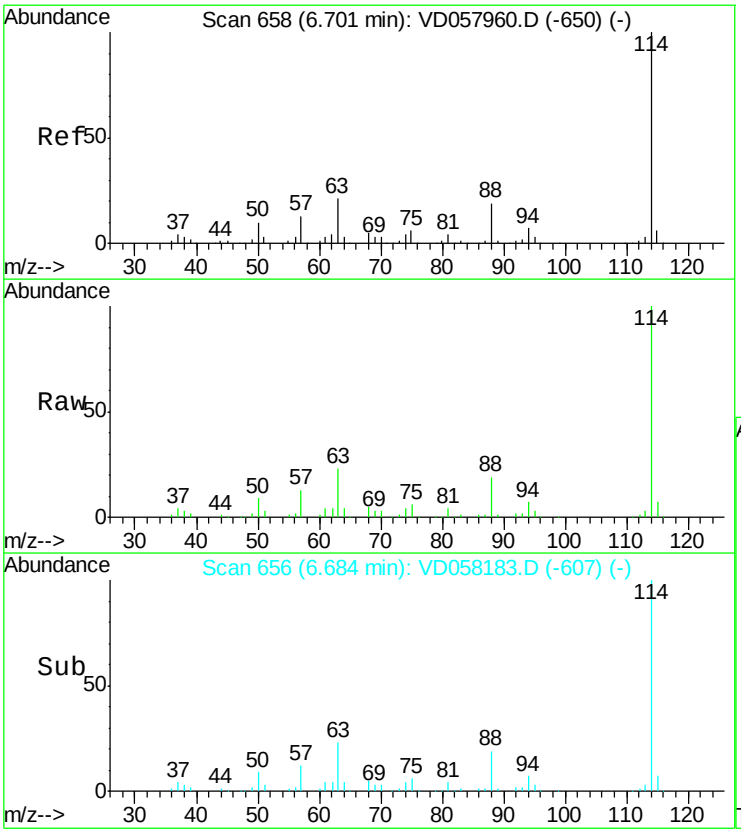
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument : MSVOA_D
ClientSampleId : AREA-3(S)RE

Tgt Ion: 65 Resp: 329814

Ion	Ratio	Lower	Upper
65	100		
67	46.6	0.0	94.0

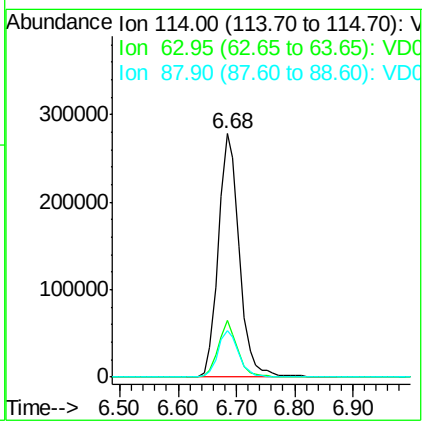


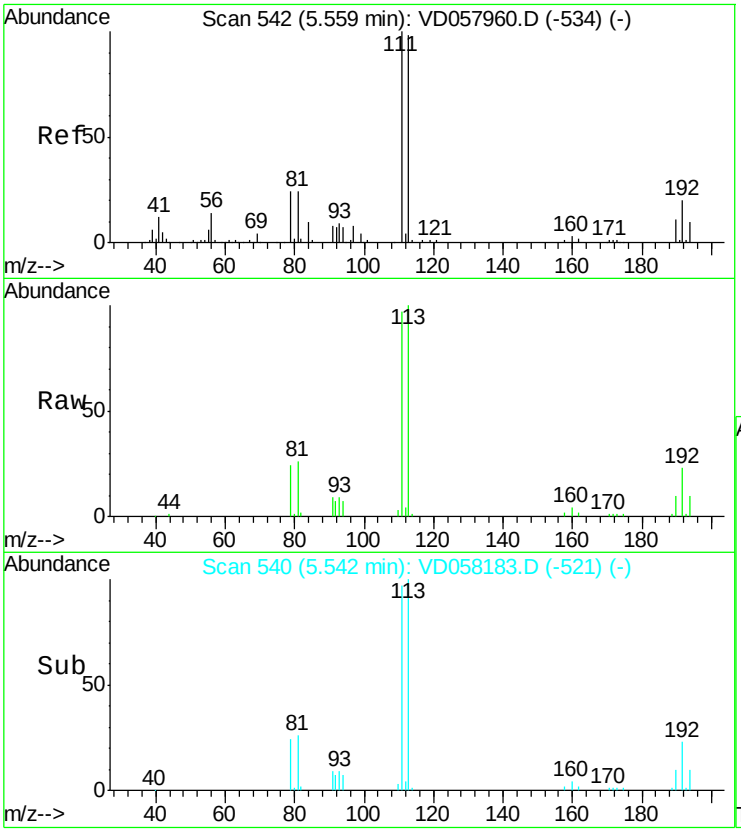


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.68 min Scan# 656
Delta R.T. -0.02 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion:114 Resp: 694276

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	42.8
88	19.1	0.0	37.8



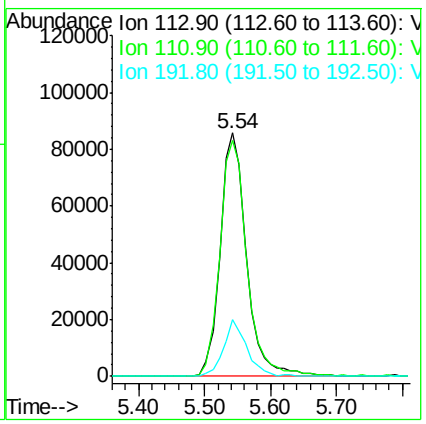


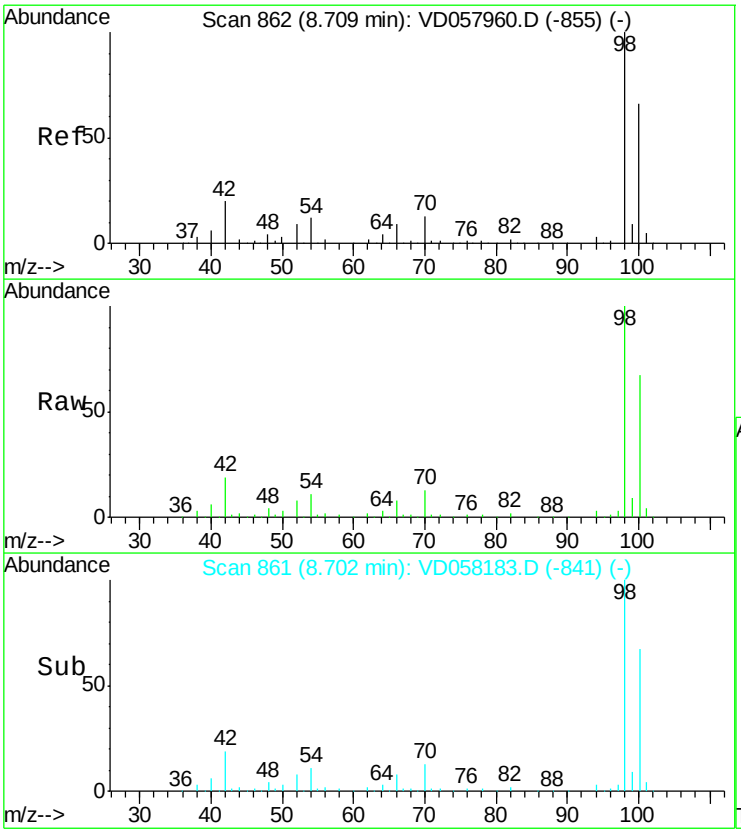
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tgt Ion:113 Resp: 239331

Ion	Ratio	Lower	Upper
113	100		
111	96.8	81.5	122.3
192	23.3	16.4	24.6

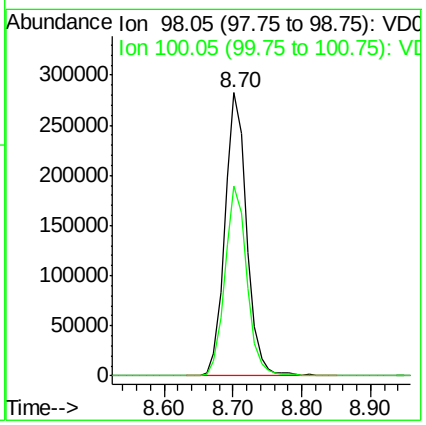


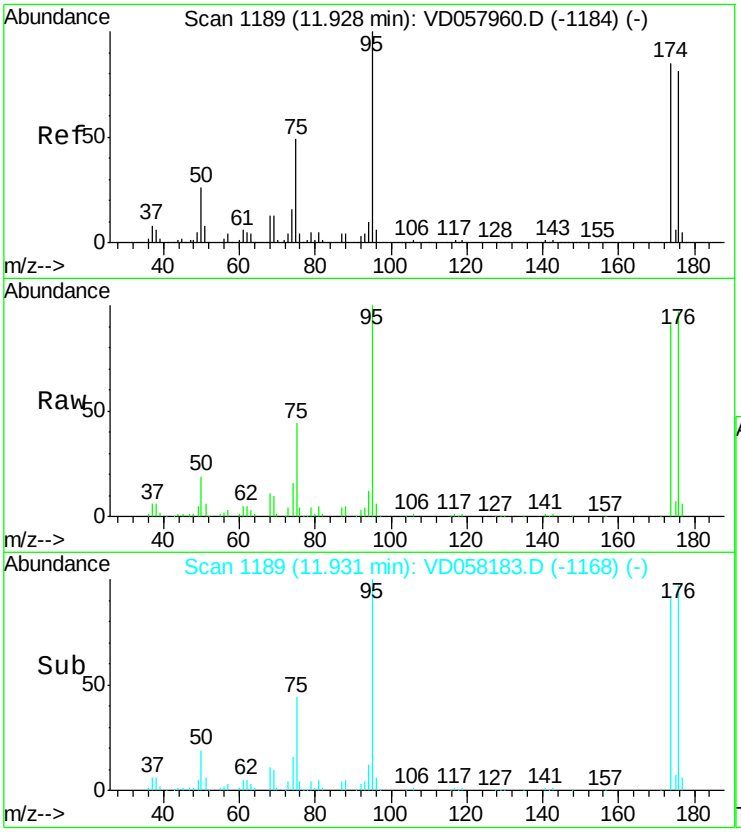


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion: 98 Resp: 616430

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.0



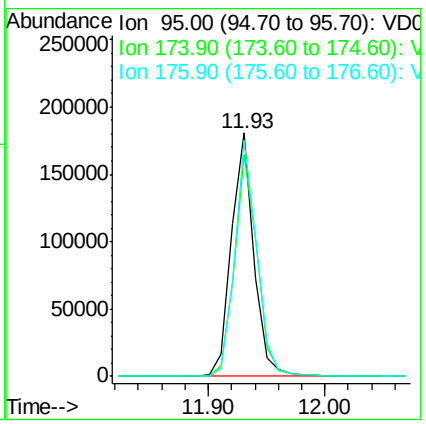


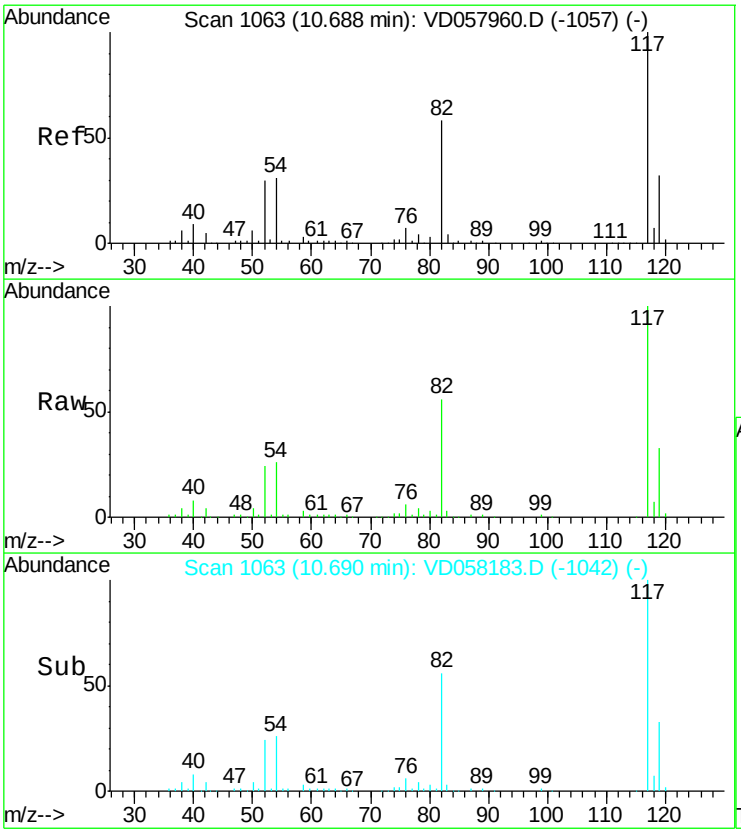
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tgt Ion: 95 Resp: 241194

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	169.4
176	96.7	0.0	162.6

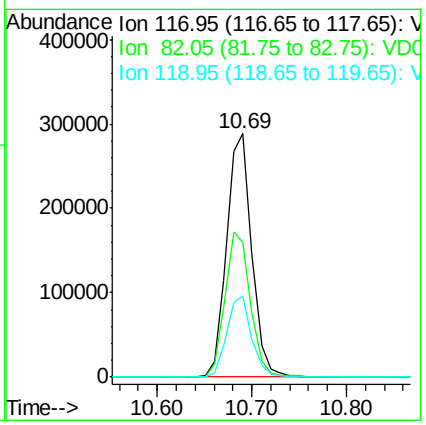


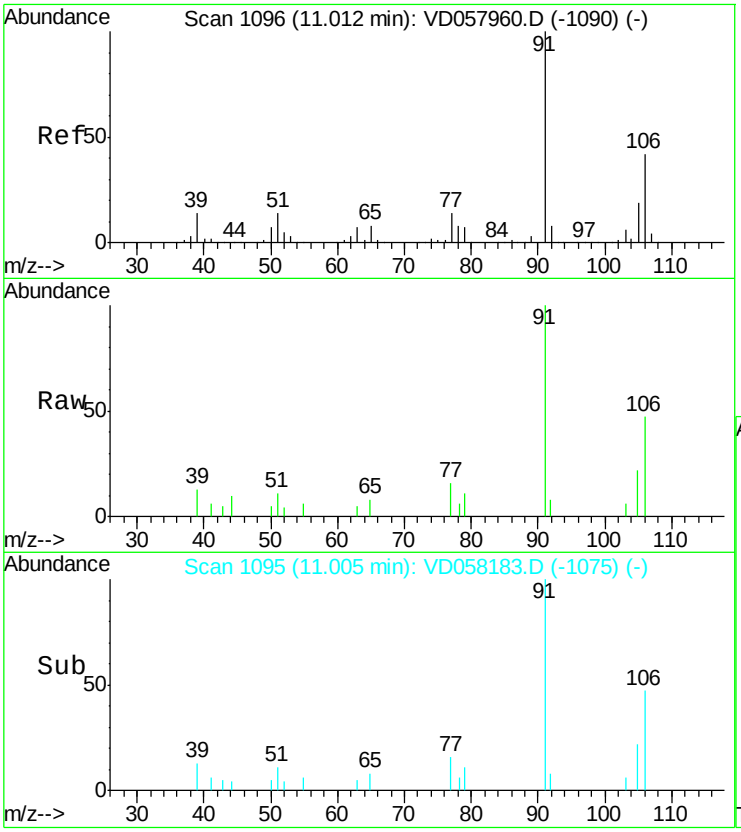


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion:117 Resp: 528738

Ion	Ratio	Lower	Upper
117	100		
82	55.6	46.8	70.2
119	33.3	25.8	38.6



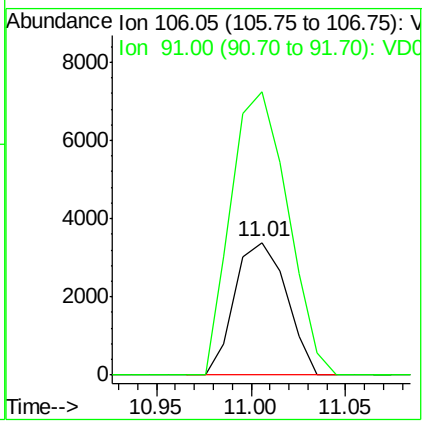


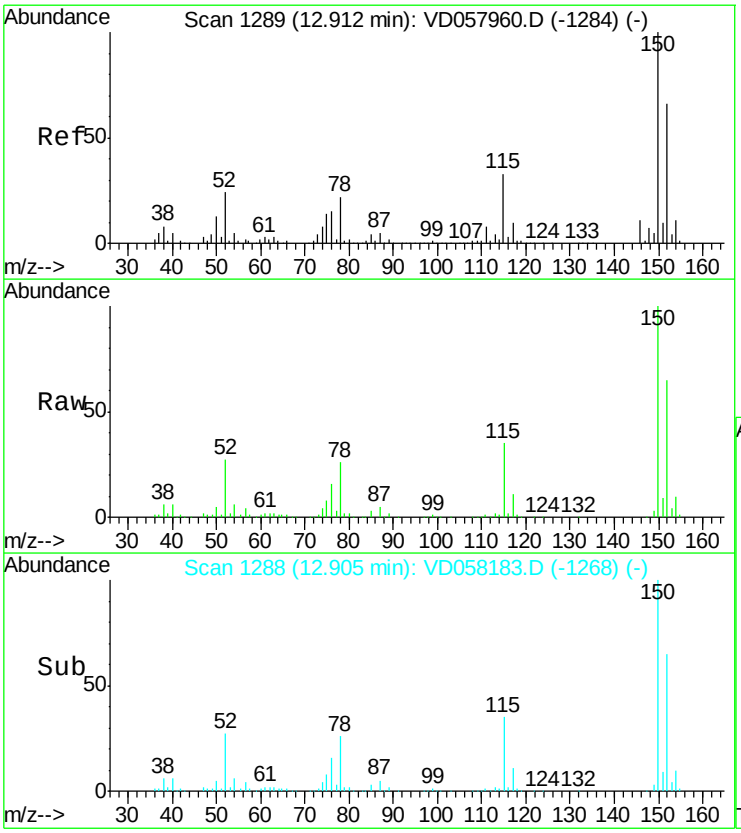
#68
m/p-Xylenes
Concen: 1.02 ug/l
RT: 11.01 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tgt Ion:106 Resp: 6426

Ion	Ratio	Lower	Upper
106	100		
91	213.1	190.4	285.6

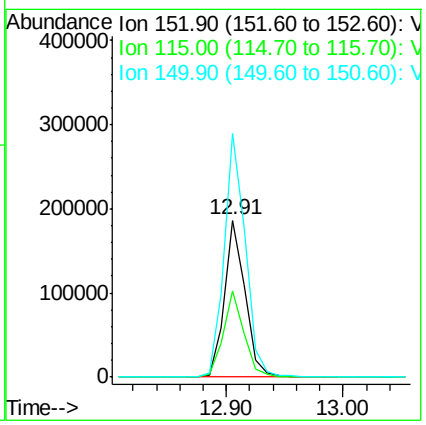


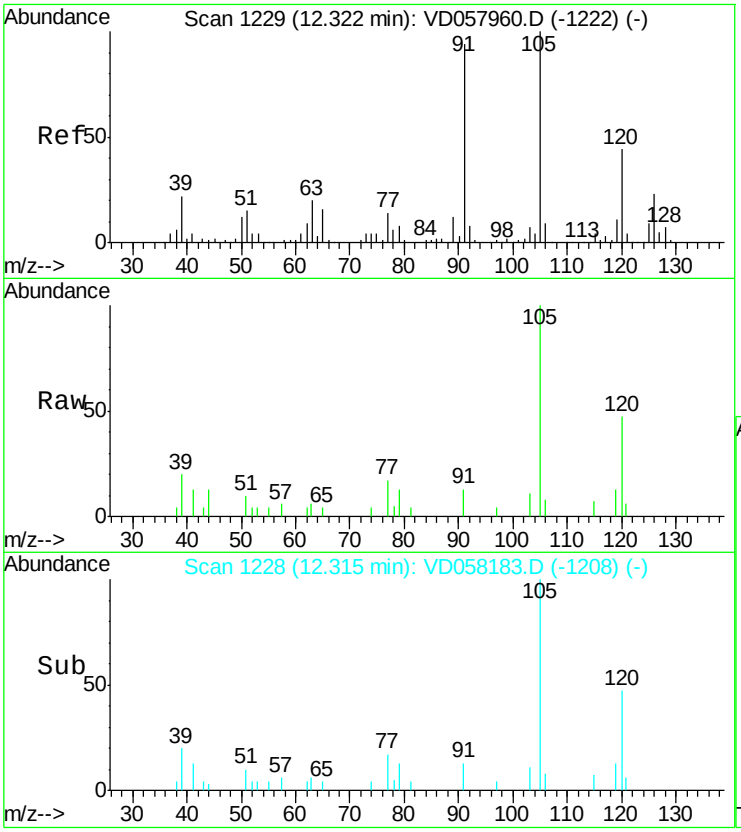


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion:152 Resp: 228012

Ion	Ratio	Lower	Upper
152	100		
115	54.9	25.6	76.6
150	154.9	0.0	306.8



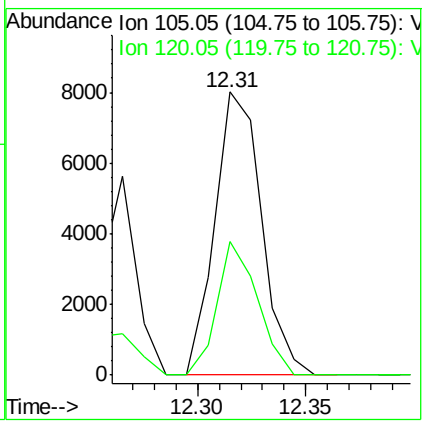


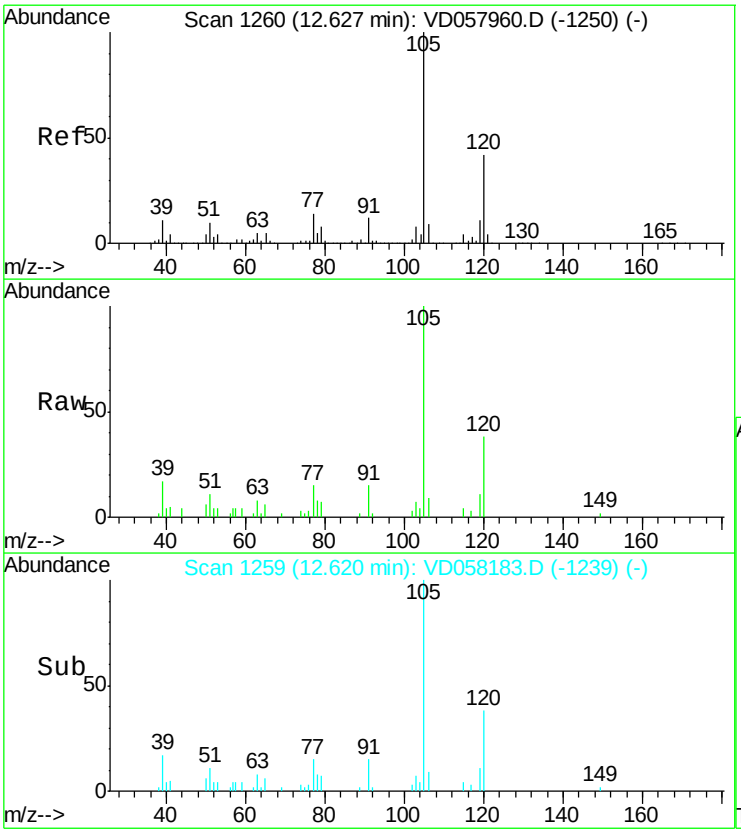
#80
1,3,5-Trimethylbenzene
Concen: 1.02 ug/l
RT: 12.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tgt Ion:105 Resp: 12007

Ion	Ratio	Lower	Upper
105	100		
120	47.3	22.0	66.0

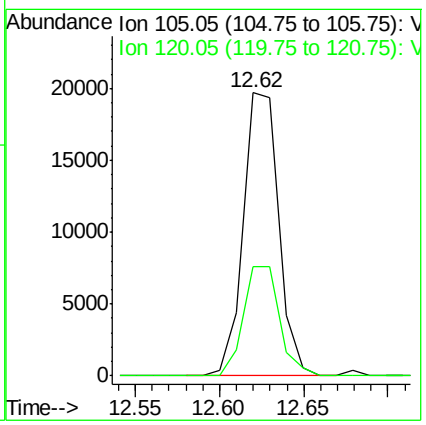


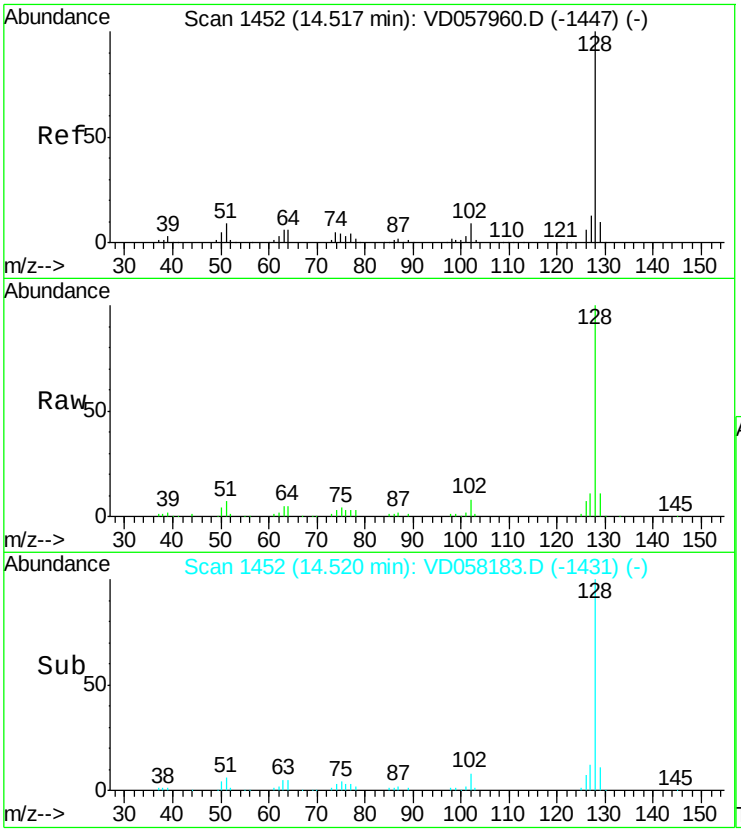


#84
1,2,4-Trimethylbenzene
Concen: 2.27 ug/l
RT: 12.62 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Tgt Ion:105 Resp: 28772

Ion	Ratio	Lower	Upper
105	100		
120	38.4	21.2	63.6





#95
Naphthalene
Concen: 25.78 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD058183.D
Acq: 18 Jun 2018 16:11

Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)RE

Tgt Ion:128 Resp: 189756

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.2
129	11.0	8.2	12.2