Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061418\
Data File : VD058138.D
Acq On : 14 Jun 2018 16:23
Operator : VA/AP
Sample : J3239-09
Misc : 5.49g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AU-06-061318-A

Quant Time: Jun 15 07:08:11 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	5.65	168	573519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	780959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	590805	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	262753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	307507	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.26%			
35) Dibromofluoromethane	5.56	113	309858	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
50) Toluene-d8	8.72	98	638469	44.44	ug/l	0.01
Spiked Amount 50.000			Recovery = 88.88%			
62) 4-Bromofluorobenzene	11.94	95	247579	39.51	ug/l	0.01
Spiked Amount 50.000			Recovery = 79.02%			
Target Compounds						Qvalue
16) Acetone	2.62	43	27969	33.857	ug/l	98
20) Methylene Chloride	3.08	84	20204	2.647	ug/l #	88
52) Toluene	8.81	92	20822	1.805	ug/l	98
68) m/p-Xylenes	11.01	106	19808	2.812	ug/l	75
69) o-Xylene	11.42	106	12774	1.827	ug/l	96
78) n-propylbenzene	12.15	91	23301	1.029	ug/l	97
80) 1,3,5-Trimethylbenzene	12.32	105	27925	2.057	ug/l	94
84) 1,2,4-Trimethylbenzene	12.63	105	113980	7.811	ug/l	100
95) Naphthalene	14.52	128	16347	1.927	ug/l #	86

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

Quantitation Report (LSC Reviewed)

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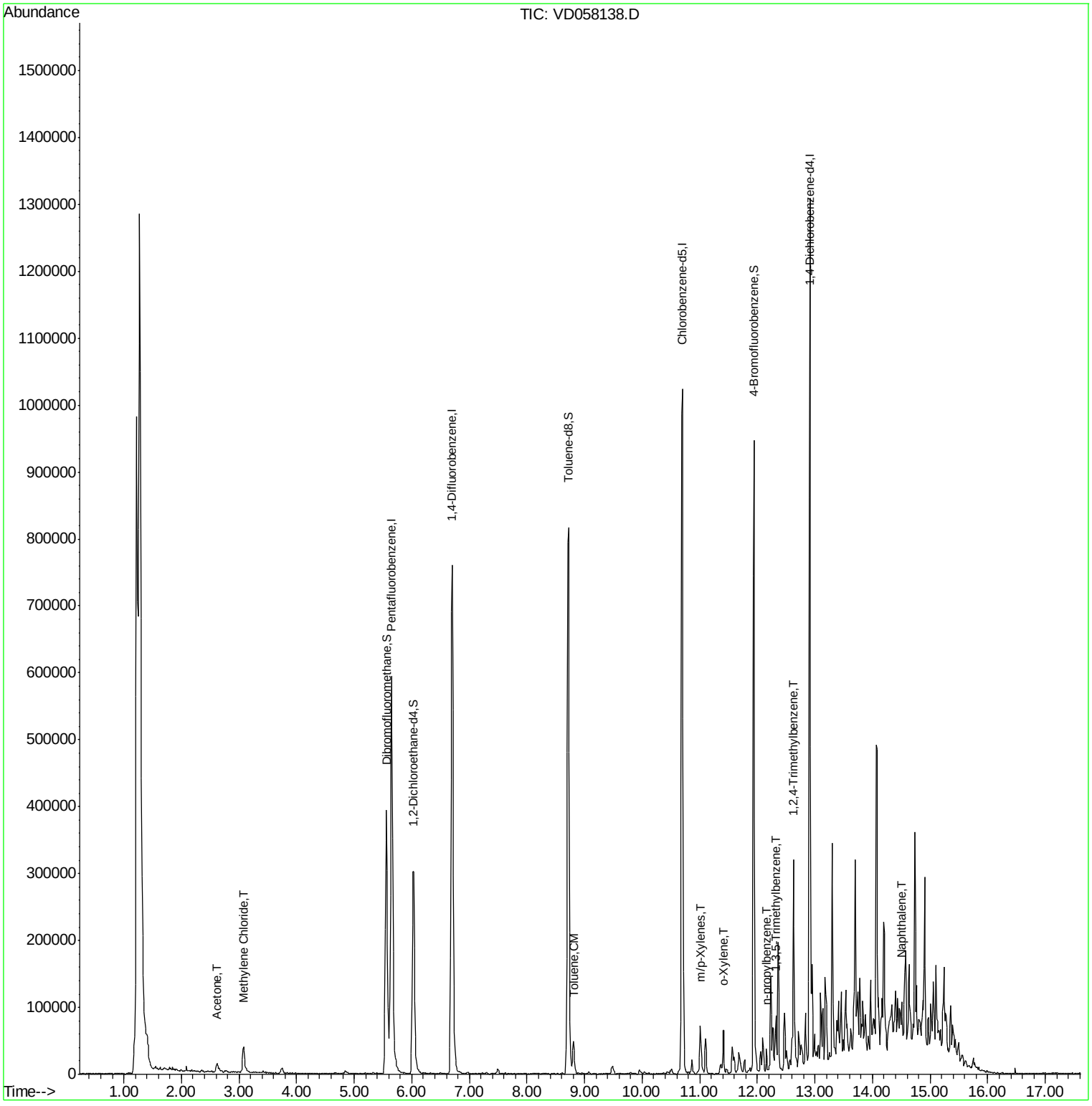
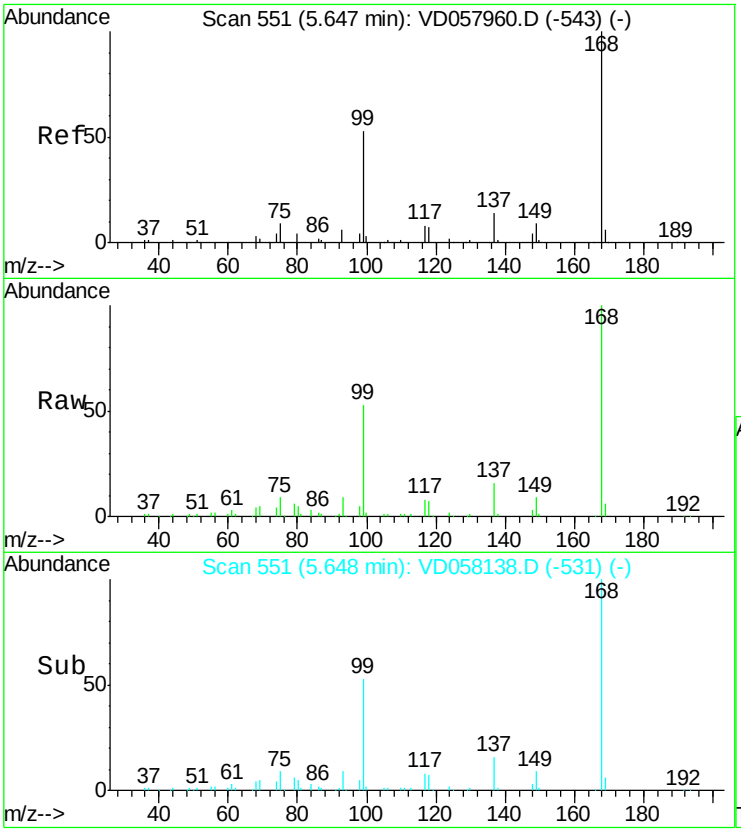
MSVOA_D
ClientSampleId :
AU-06-061318-A

Quant Time: Jun 15 07:08:11 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



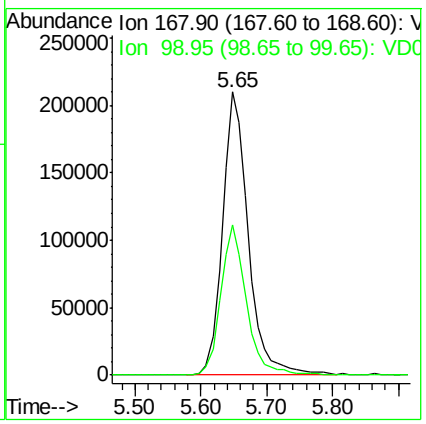


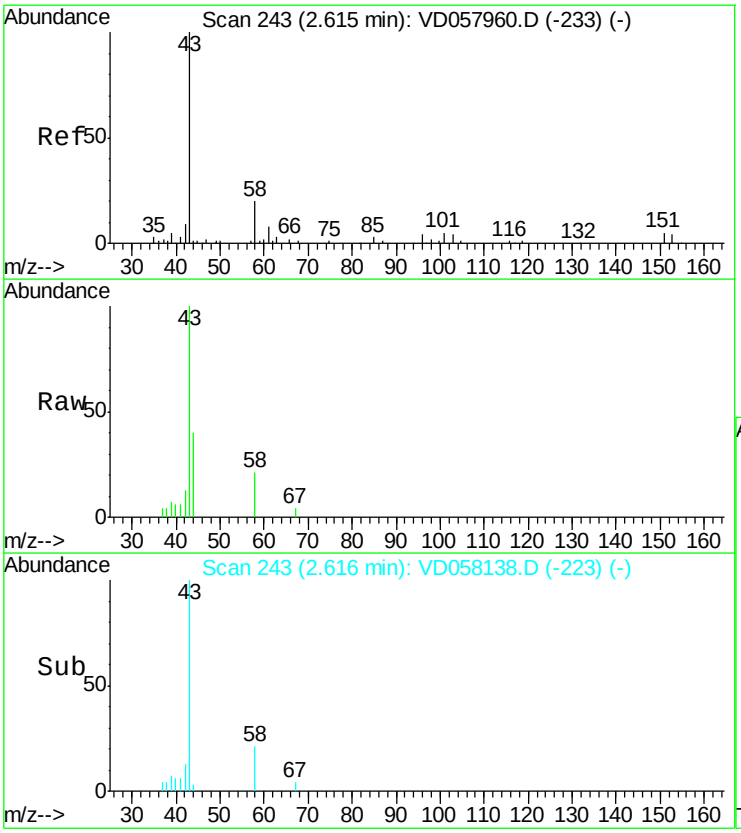
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 551
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
AU-06-061318-A

Tgt Ion:168 Resp: 573519

Ion	Ratio	Lower	Upper
168	100		
99	53.2	46.8	70.2

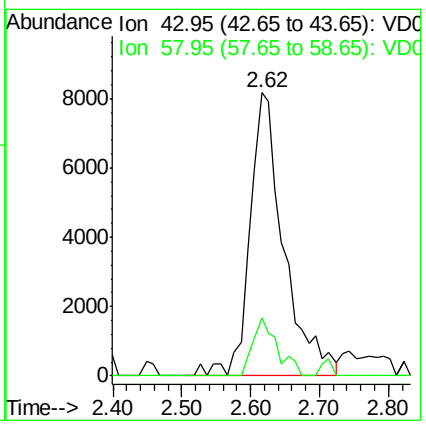


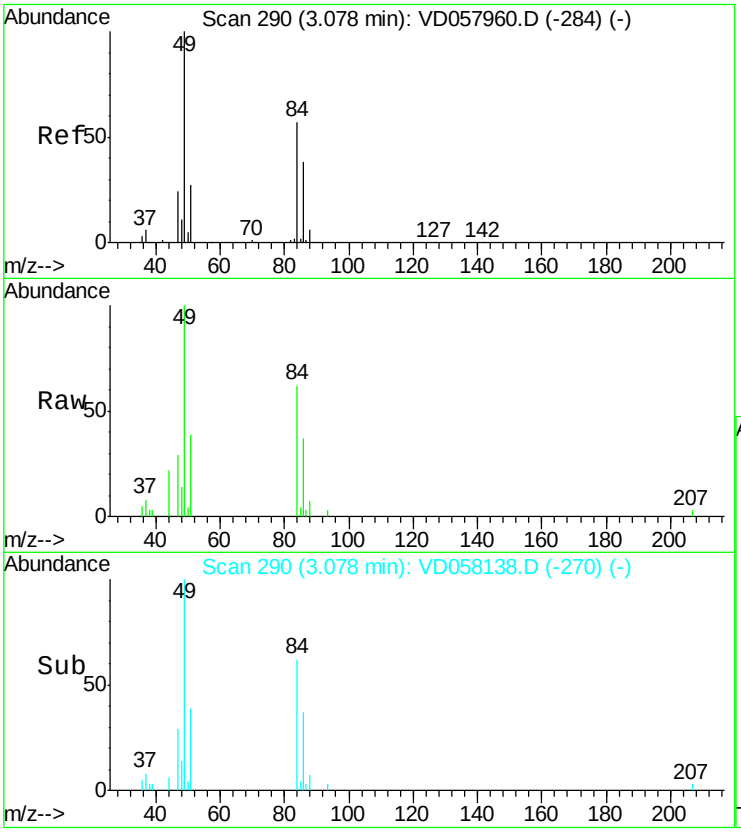


#16
Acetone
Concen: 33.857 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion: 43 Resp: 27969

Ion	Ratio	Lower	Upper
43	100		
58	20.7	15.8	23.8



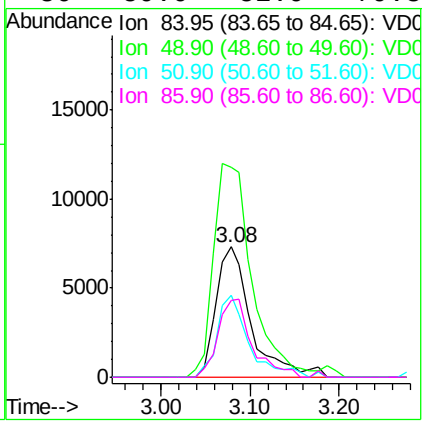


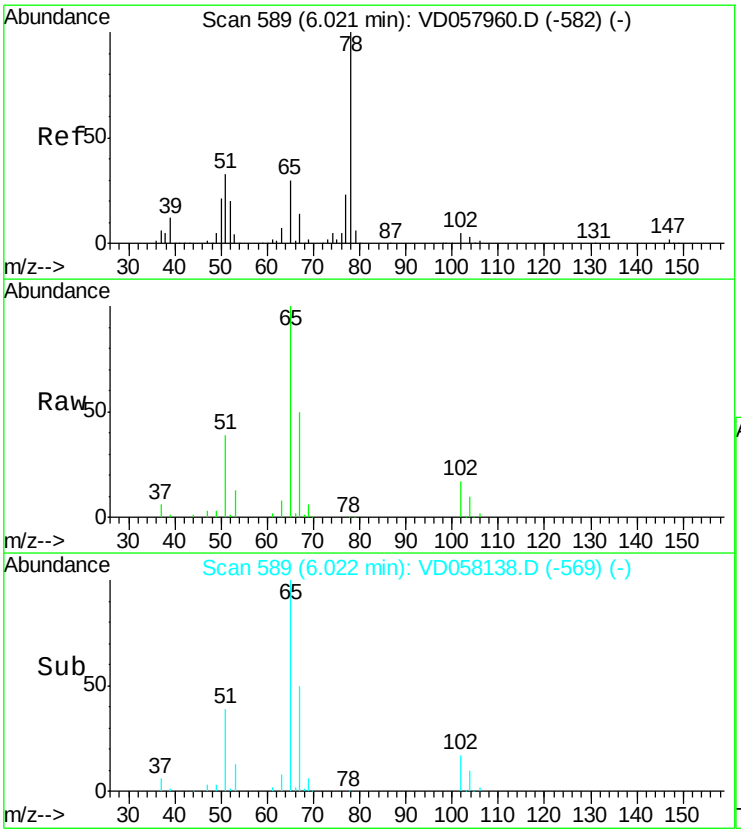
#20
Methylene Chloride
Concen: 2.647 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument : MSVOA_D
ClientSampleId : AU-06-061318-A

Tgt Ion: 84 Resp: 20204

Ion	Ratio	Lower	Upper
84	100		
49	161.4	141.4	212.0
51	62.7	38.3	57.5#
86	59.0	52.9	79.3

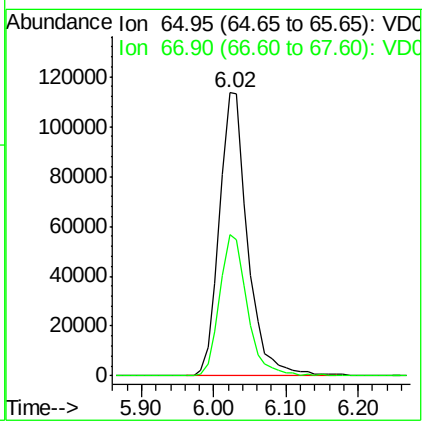


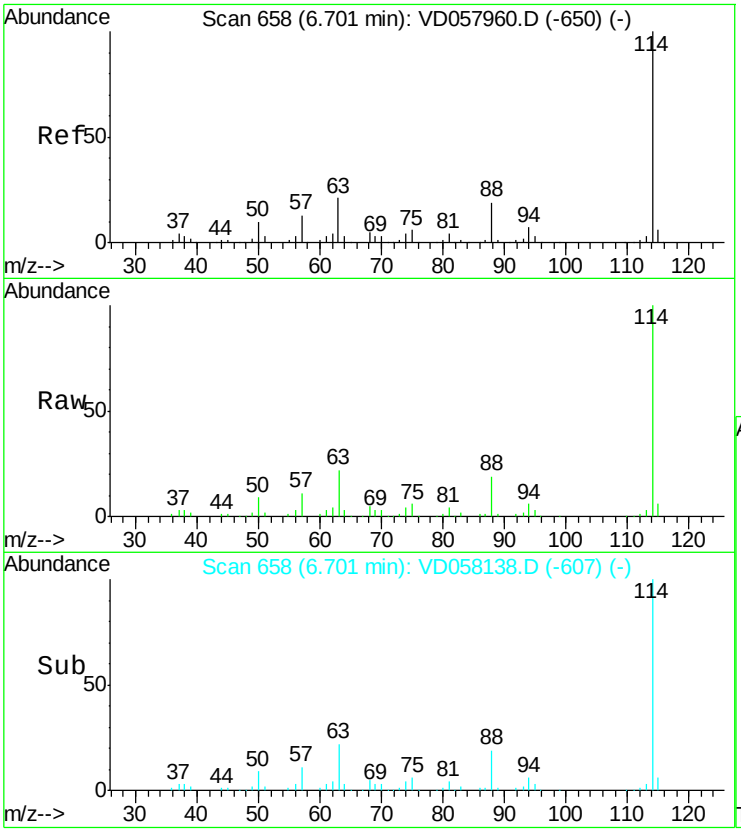


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion: 65 Resp: 307507

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	94.0



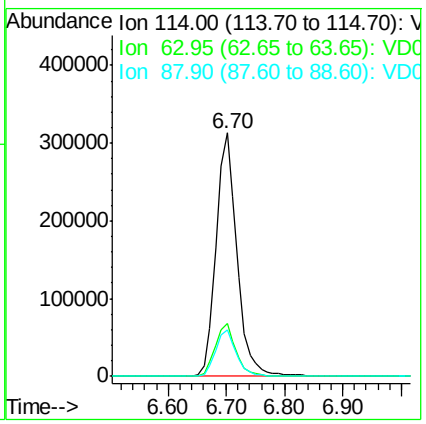


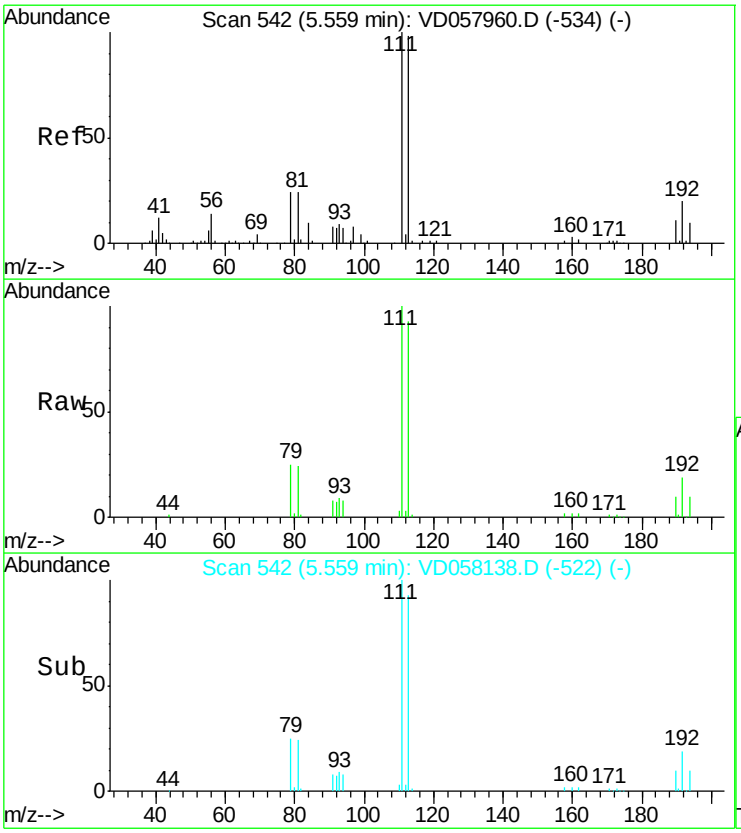
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.70 min Scan# 658
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument : MSVOA_D
ClientSampleId : AU-06-061318-A

Tgt Ion:114 Resp: 780959

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.8
88	19.0	0.0	37.8

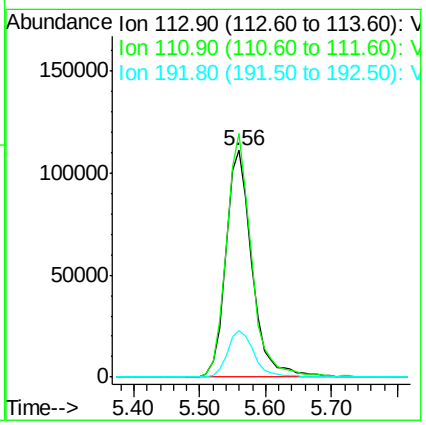


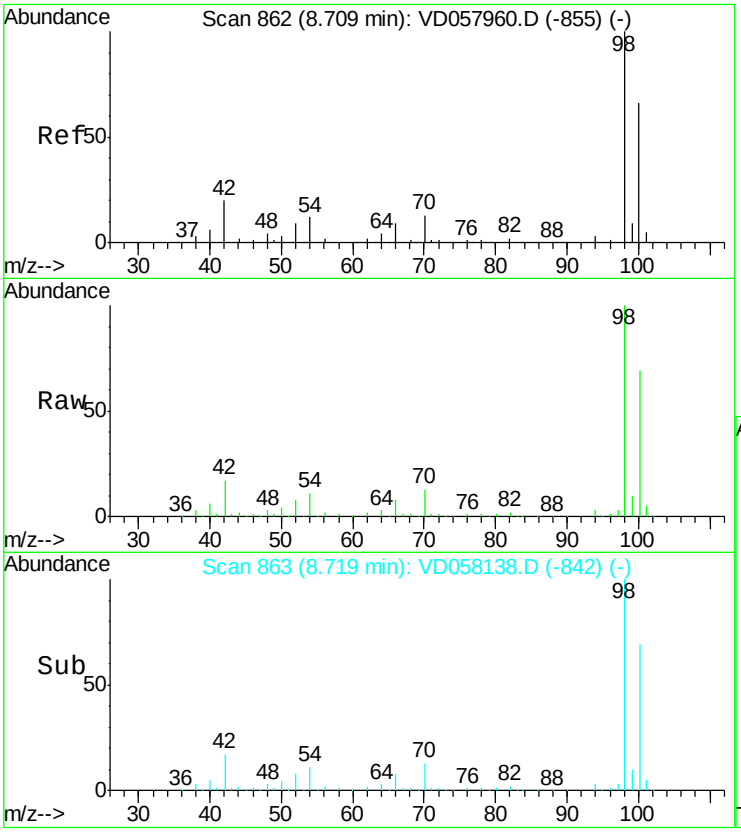


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.56 min Scan# 542
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion:113 Resp: 309858

Ion	Ratio	Lower	Upper
113	100		
111	107.6	81.5	122.3
192	20.3	16.4	24.6



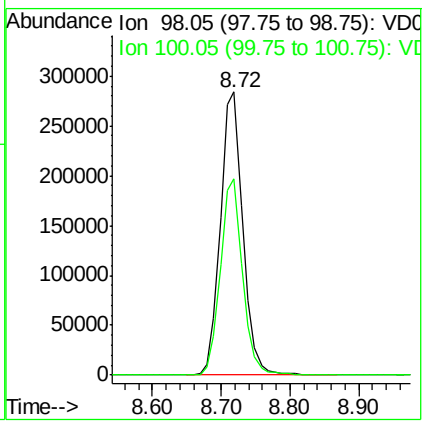


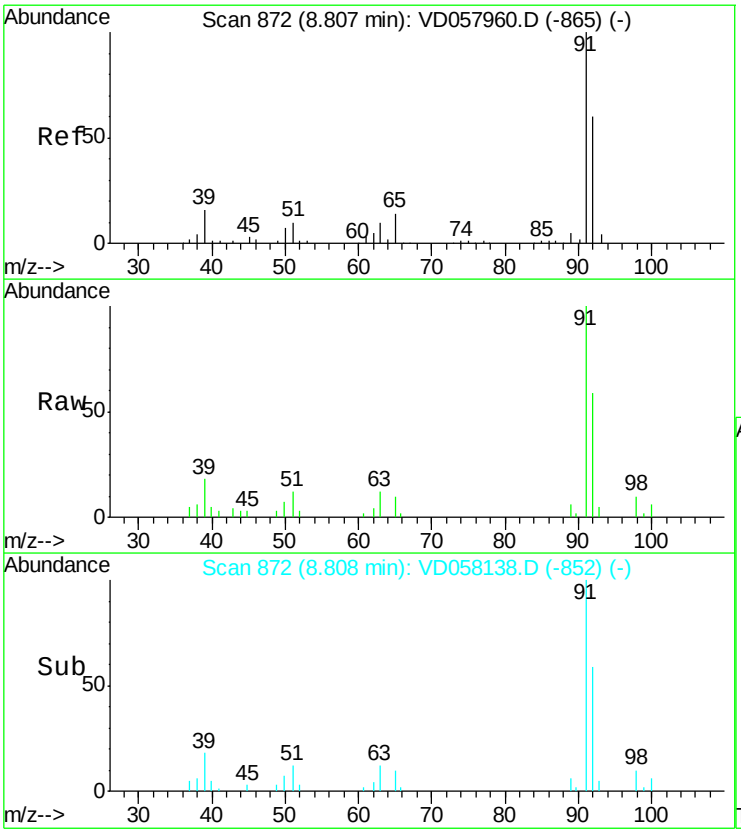
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument : MSVOA_D
ClientSampleId : AU-06-061318-A

Tgt Ion: 98 Resp: 638469

Ion	Ratio	Lower	Upper
98	100		
100	69.2	53.4	80.0

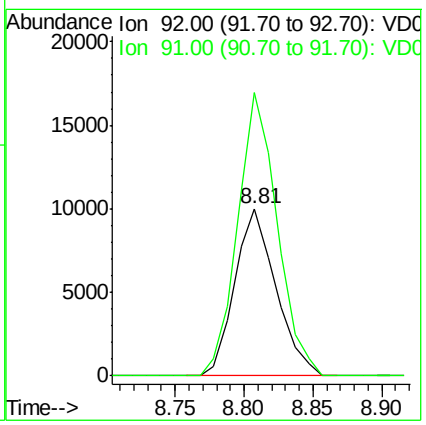


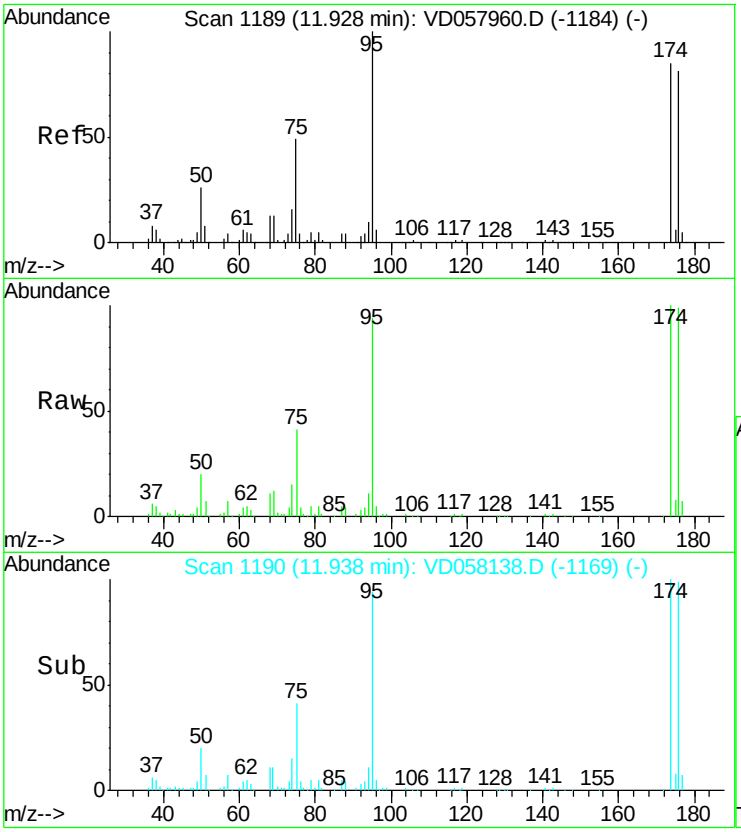


#52
Toluene
Concen: 1.805 ug/l
RT: 8.81 min Scan# 872
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion: 92 Resp: 20822

Ion	Ratio	Lower	Upper
92	100		
91	169.0	133.0	199.6



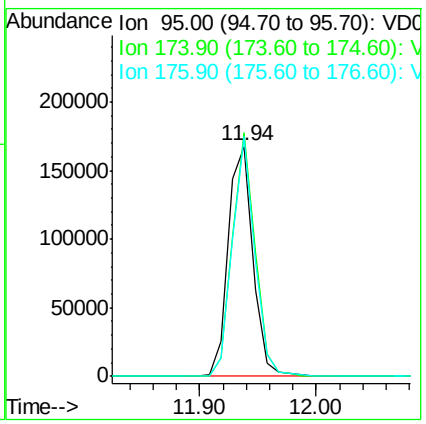


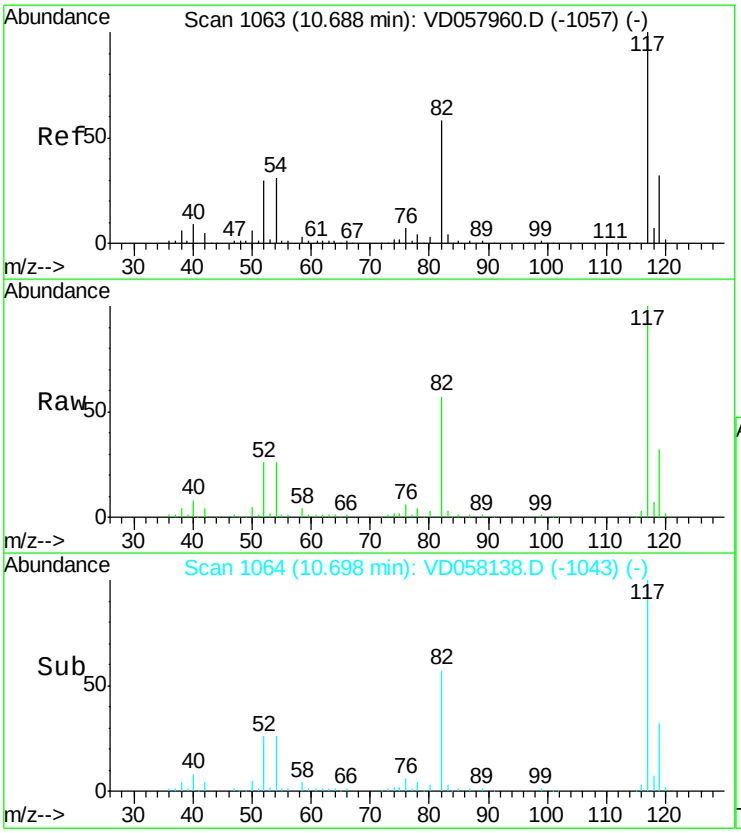
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument : MSVOA_D
ClientSampleId : AU-06-061318-A

Tgt Ion: 95 Resp: 247579

Ion	Ratio	Lower	Upper
95	100		
174	105.8	0.0	169.4
176	104.3	0.0	162.6

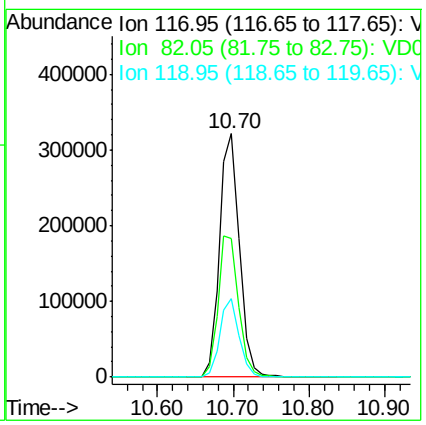


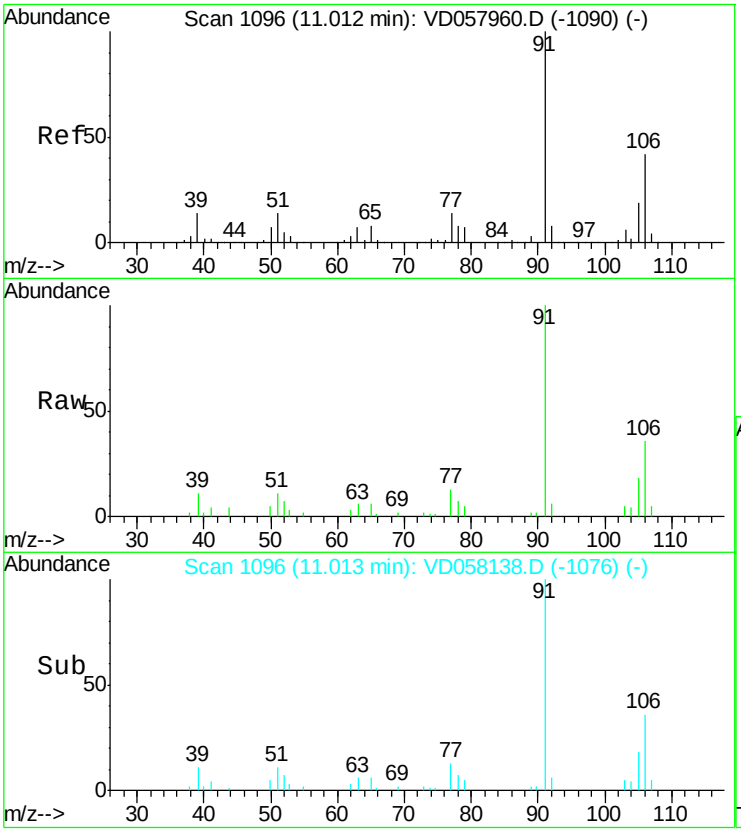


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion:117 Resp: 590805

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.8	70.2
119	32.4	25.8	38.6



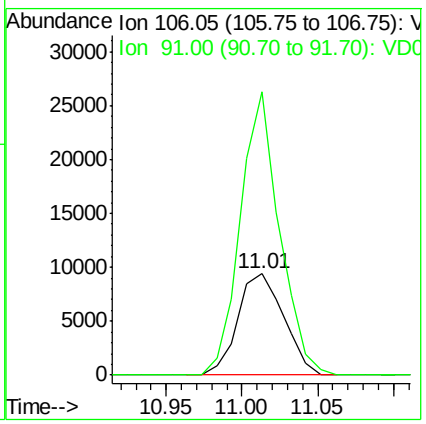


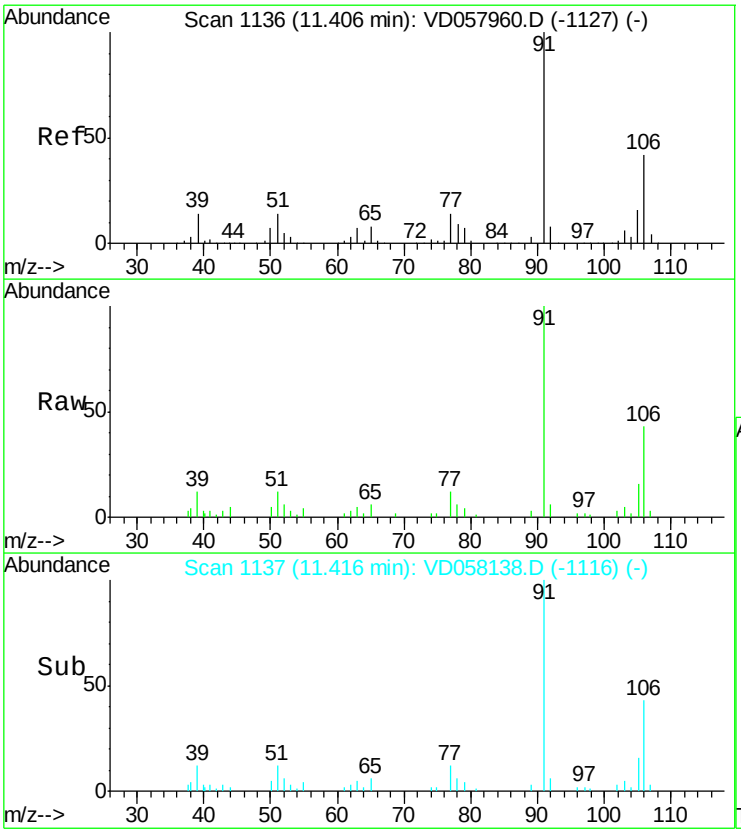
#68
m/p-Xylenes
Concen: 2.812 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument : MSVOA_D
ClientSampleId : AU-06-061318-A

Tgt Ion:106 Resp: 19808

Ion	Ratio	Lower	Upper
106	100		
91	279.8	190.4	285.6

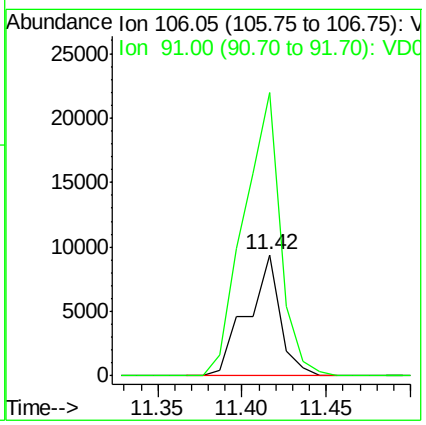


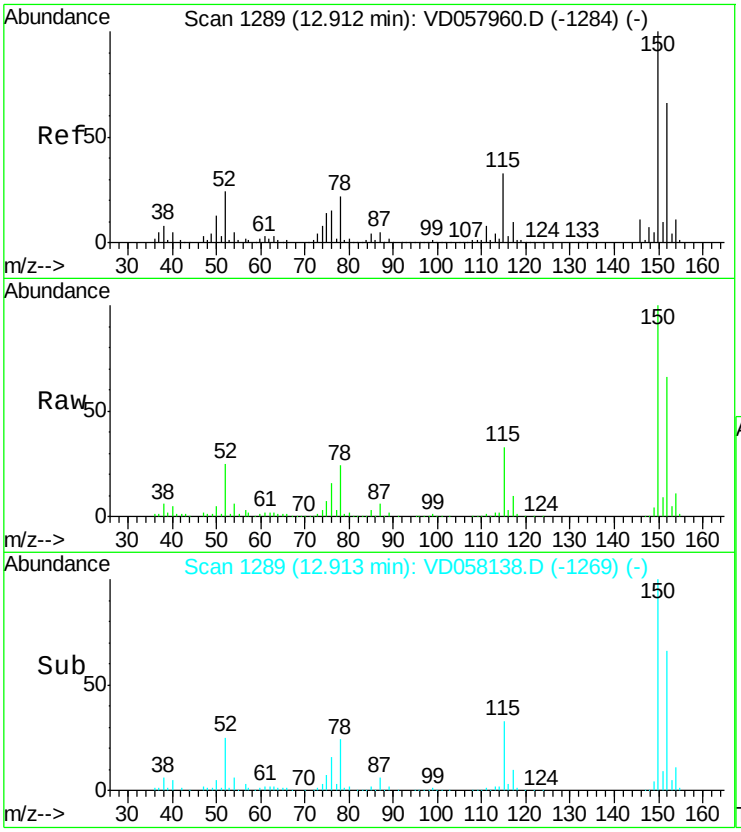


#69
o-Xylene
Concen: 1.827 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion:106 Resp: 12774

Ion	Ratio	Lower	Upper
106	100		
91	233.4	120.6	361.7



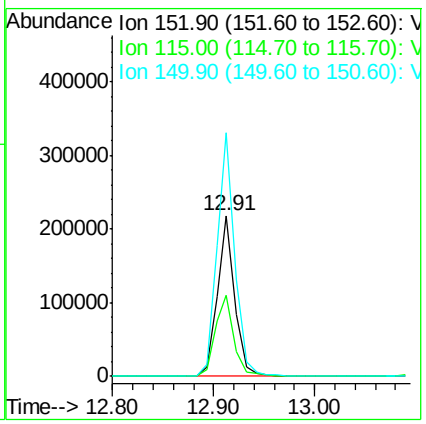


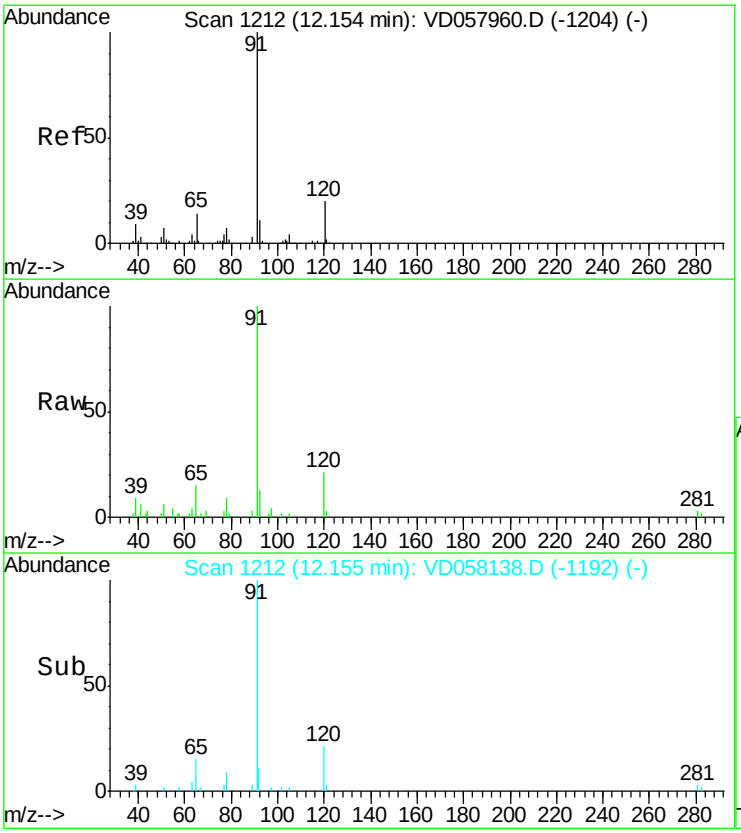
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument : MSVOA_D
ClientSampleId : AU-06-061318-A

Tgt Ion:152 Resp: 262753

Ion	Ratio	Lower	Upper
152	100		
115	50.3	25.6	76.6
150	151.4	0.0	306.8

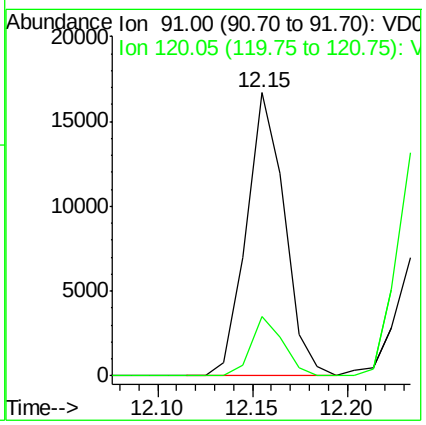


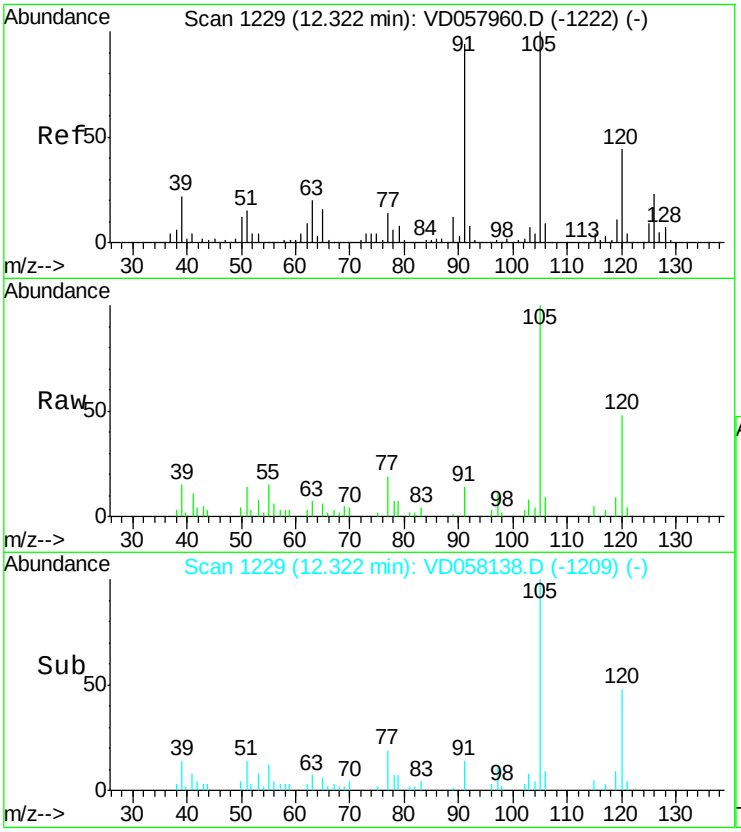


#78
n-propylbenzene
Concen: 1.029 ug/l
RT: 12.15 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion: 91 Resp: 23301

Ion	Ratio	Lower	Upper
91	100		
120	21.1	9.8	29.4



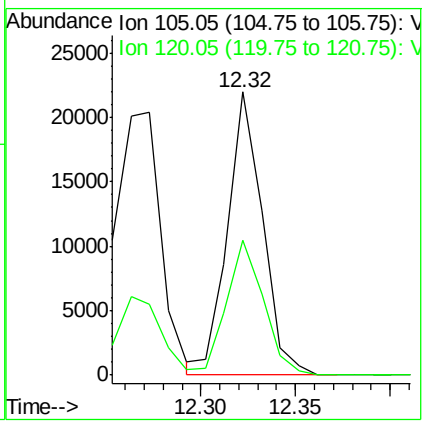


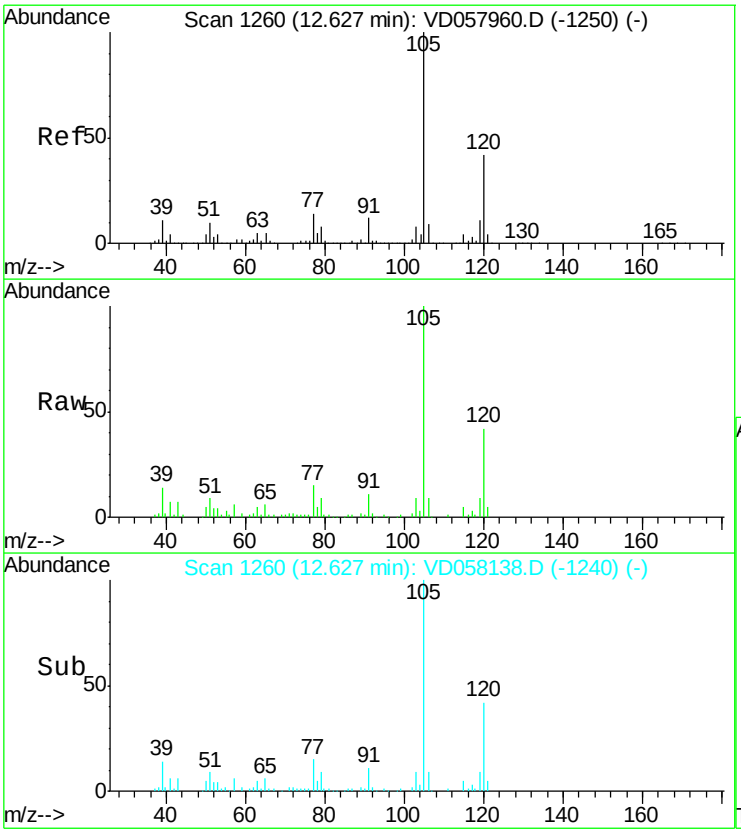
#80
1,3,5-Trimethylbenzene
Concen: 2.057 ug/l
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
AU-06-061318-A

Tgt Ion:105 Resp: 27925

Ion	Ratio	Lower	Upper
105	100		
120	47.8	22.0	66.0

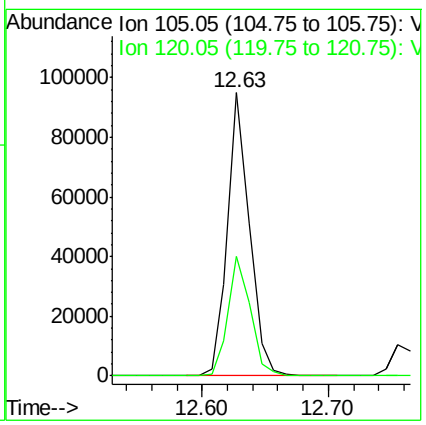


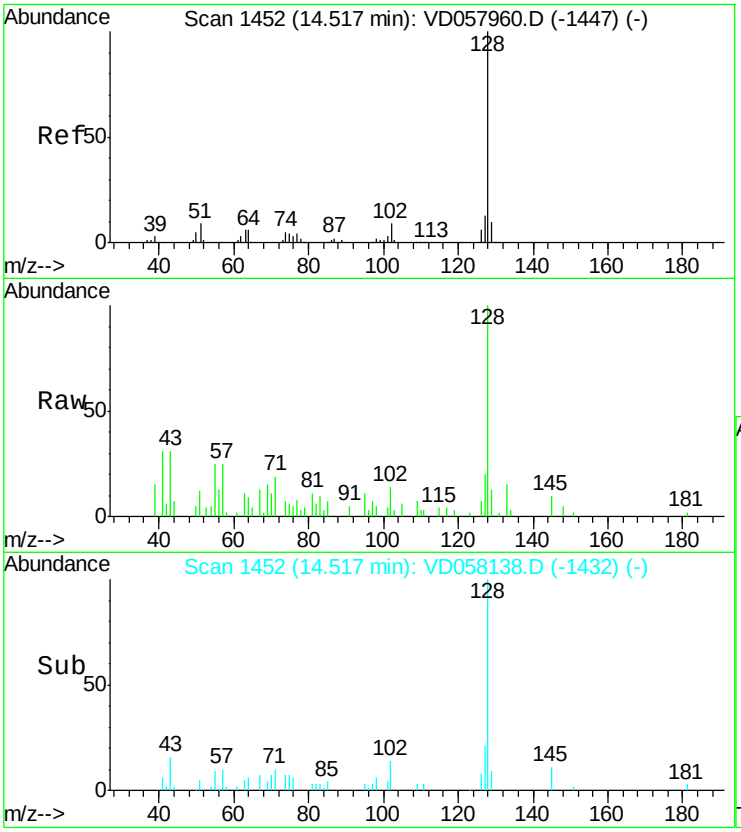


#84
1,2,4-Trimethylbenzene
Concen: 7.811 ug/l
RT: 12.63 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Tgt Ion:105 Resp: 113980

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.2	63.6





#95
Naphthalene
Concen: 1.927 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD058138.D
Acq: 14 Jun 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
AU-06-061318-A

Tgt Ion:128 Resp: 16347

Ion	Ratio	Lower	Upper
128	100		
127	20.1	10.2	15.2#
129	13.3	8.2	12.2#