Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
Data File : VD046813.D
Acq On : 21 Sep 2015 17:59
Operator : FY/SY
Sample : G3748-03
Misc : 11.19gm/5mL/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP202-42-44

Quant Time: Sep 22 02:26:10 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.29	168	142232	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.41	114	202268	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.56	117	187068	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	90286	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	89638	60.62	ug/l	-0.01
Spiked Amount 50.000			Recovery = 121.24%			
35) Dibromofluoromethane	6.20	113	86962	54.95	ug/l	-0.02
Spiked Amount 50.000			Recovery = 109.90%			
50) Toluene-d8	9.60	98	235119	47.09	ug/l	-0.02
Spiked Amount 50.000			Recovery = 94.18%			
62) 4-Bromofluorobenzene	12.83	95	103114	51.29	ug/l	-0.02
Spiked Amount 50.000			Recovery = 102.58%			
Target Compounds						Qvalue
17) Acetone	2.94	43	12577	50.33	ug/l	97
18) Carbon Disulfide	3.11	76	18831	4.41	ug/l	96
21) Methylene Chloride	3.50	84	6713	4.95	ug/l #	81
26) 2-Butanone	5.44	43	2799	9.97	ug/l	95
40) Benzene	6.70	78	39260	6.51	ug/l	99
52) Toluene	9.71	92	25907	6.96	ug/l	86
67) Ethyl Benzene	11.72	91	9203	1.16	ug/l	95
68) m/p-Xylenes	11.87	106	5837	2.34	ug/l	92
69) o-Xylene	12.28	106	2949	1.31	ug/l	84
73) Isopropylbenzene	12.66	105	64221	10.09	ug/l	95
84) 1,2,4-Trimethylbenzene	13.58	105	12413	2.43	ug/l	90
95) Naphthalene	15.81	128	36997	20.81	ug/l	99

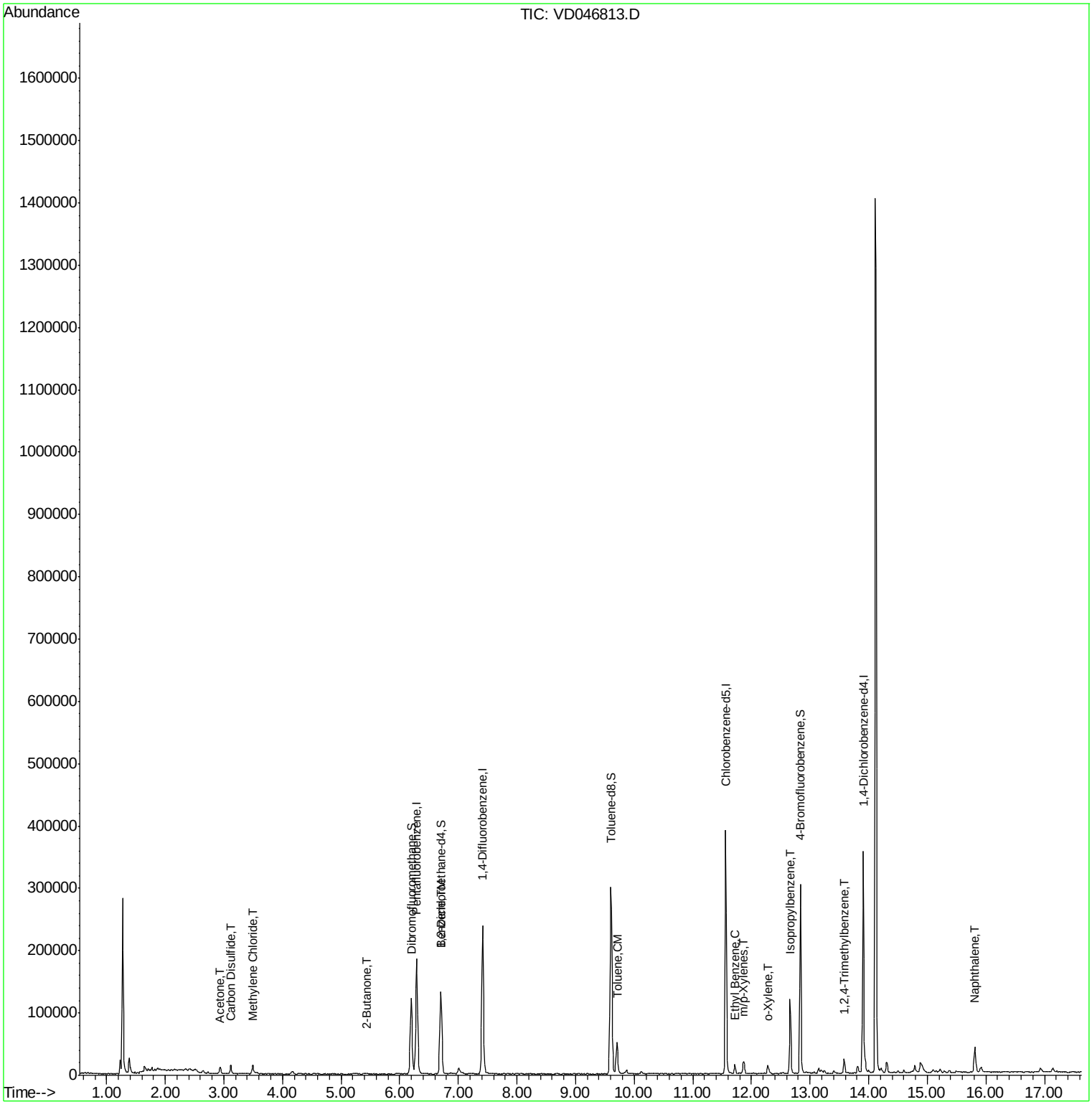
(#) = qualifier out of range (m) = manual integration (+) = signals summed

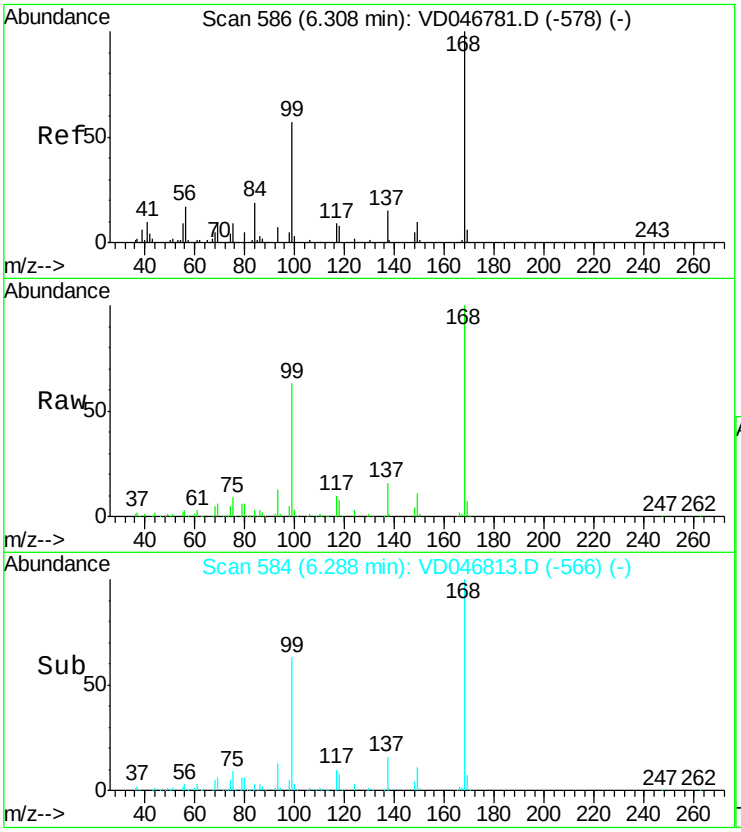
Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
Data File : VD046813.D
Acq On : 21 Sep 2015 17:59
Operator : FY/SY
Sample : G3748-03
Misc : 11.19gm/5mL/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

Quant Time: Sep 22 02:26:10 2015
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:47:18 2015
Response via : Initial Calibration



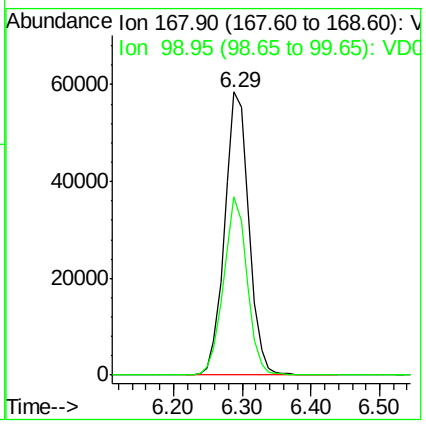


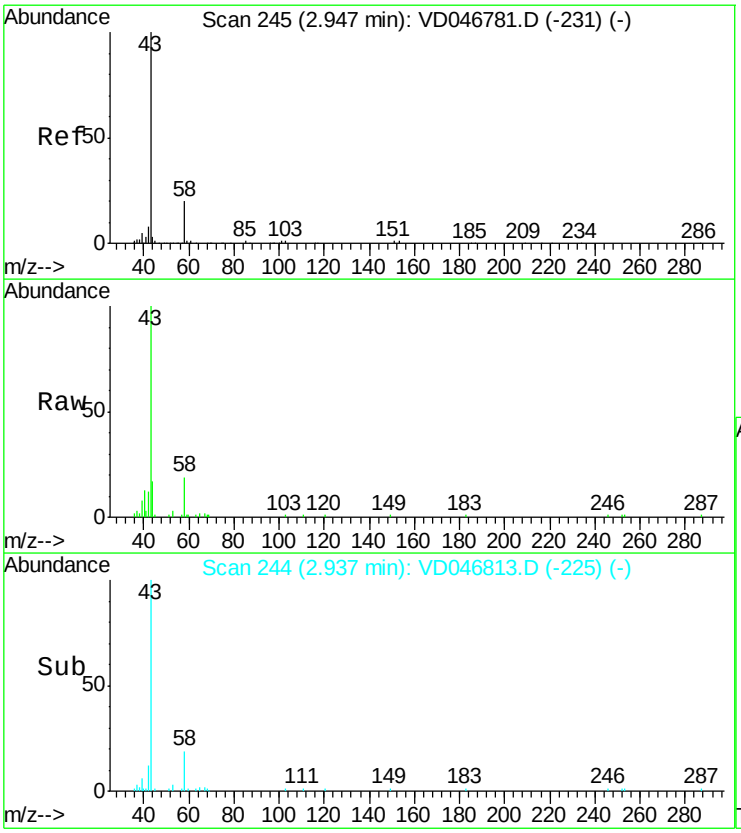
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.29 min Scan# 584
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

Tgt Ion:168 Resp: 142232

Ion	Ratio	Lower	Upper
168	100		
99	63.1	42.4	63.6

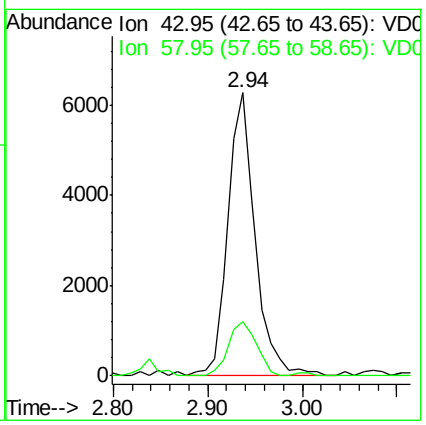


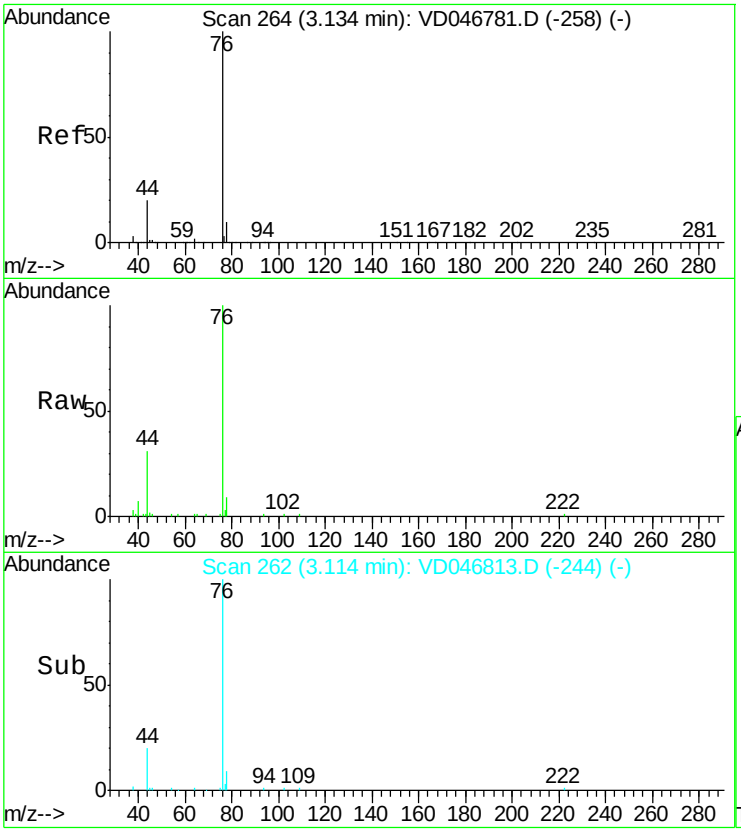


#17
Acetone
Concen: 50.33 ug/l
RT: 2.94 min Scan# 244
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 43 Resp: 12577

Ion	Ratio	Lower	Upper
43	100		
58	19.3	16.6	24.8



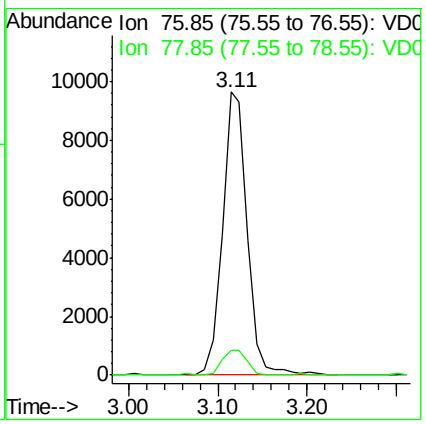


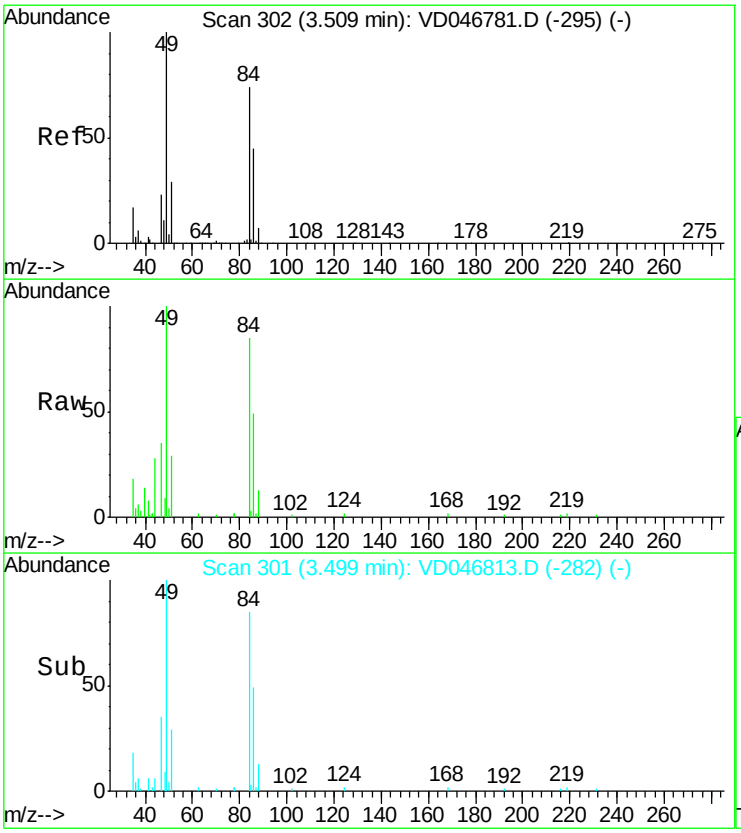
#18
Carbon Disulfide
Concen: 4.41 ug/l
RT: 3.11 min Scan# 262
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument : MSVOA_D
ClientSampleId : MGP202-42-44

Tgt Ion: 76 Resp: 18831

Ion	Ratio	Lower	Upper
76	100		
78	8.6	8.0	12.0

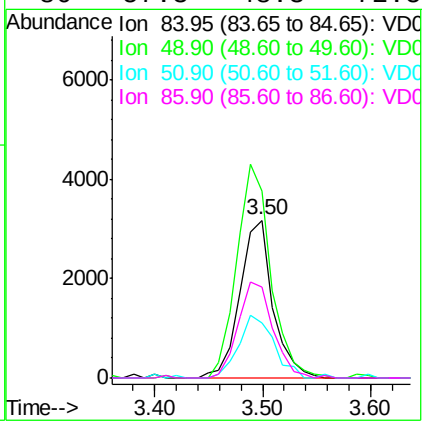


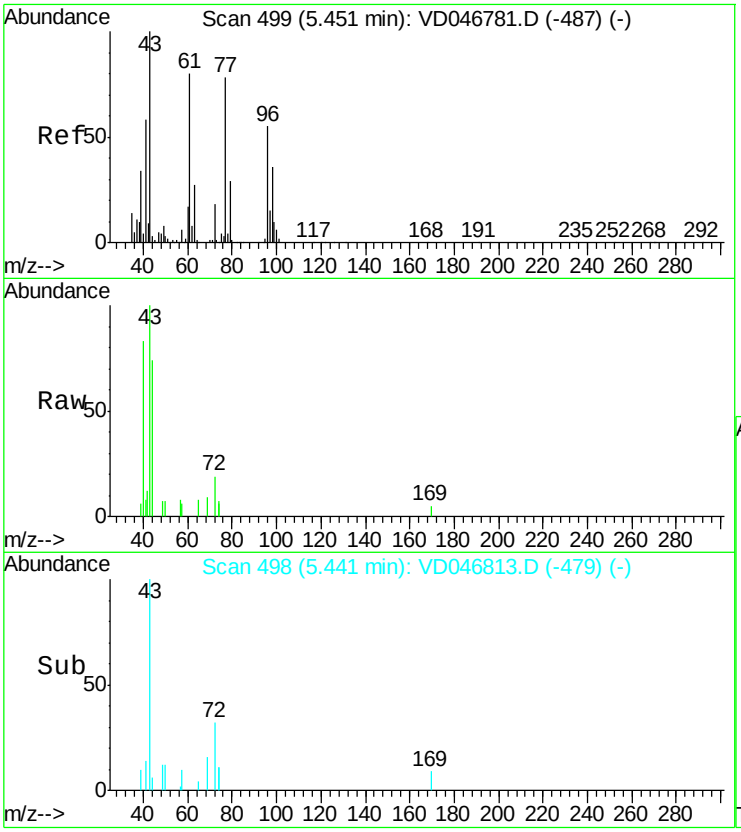


#21
Methylene Chloride
Concen: 4.95 ug/l
RT: 3.50 min Scan# 301
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 84 Resp: 6713

Ion	Ratio	Lower	Upper
84	100		
49	118.1	122.1	183.1#
51	34.8	33.6	50.4
86	57.3	48.3	72.5



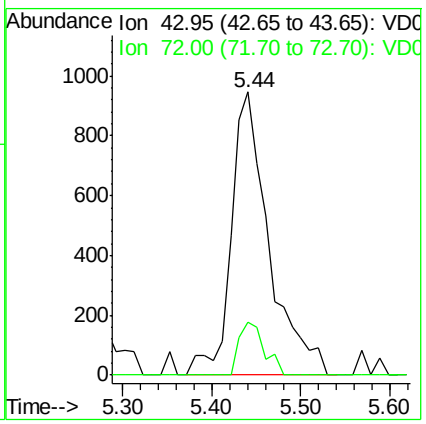


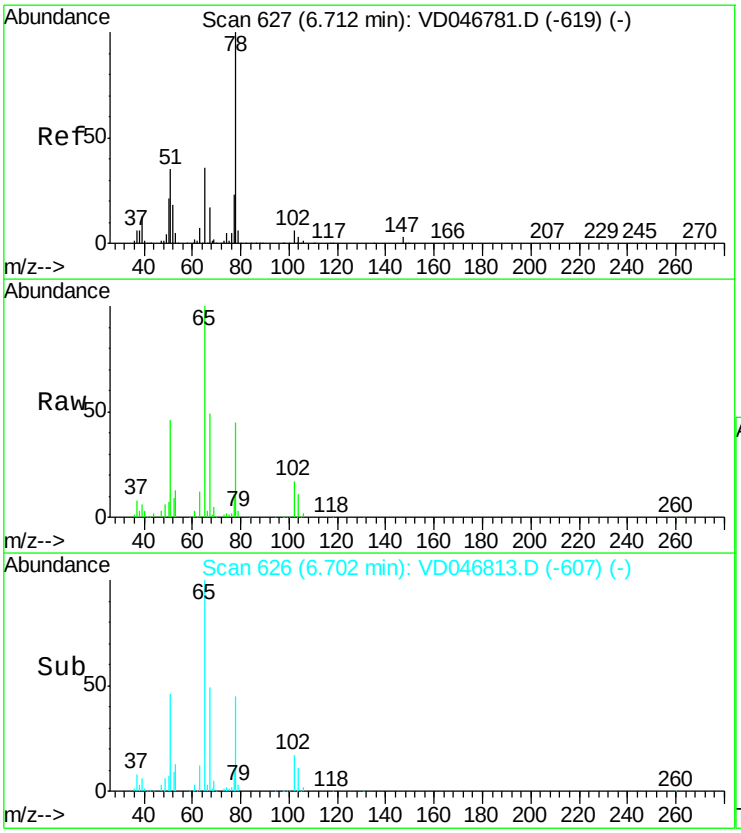
#26
2-Butanone
Concen: 9.97 ug/l
RT: 5.44 min Scan# 498
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument : MSVOA_D
ClientSampleId : MGP202-42-44

Tgt Ion: 43 Resp: 2799

Ion	Ratio	Lower	Upper
43	100		
72	18.7	13.4	20.0

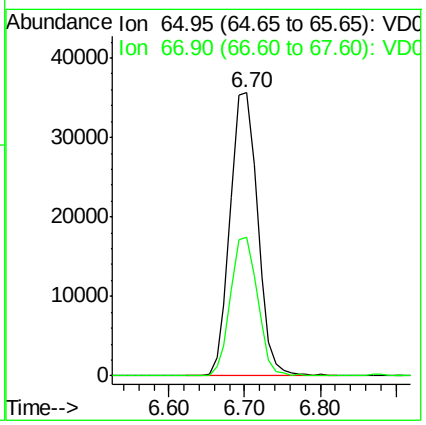


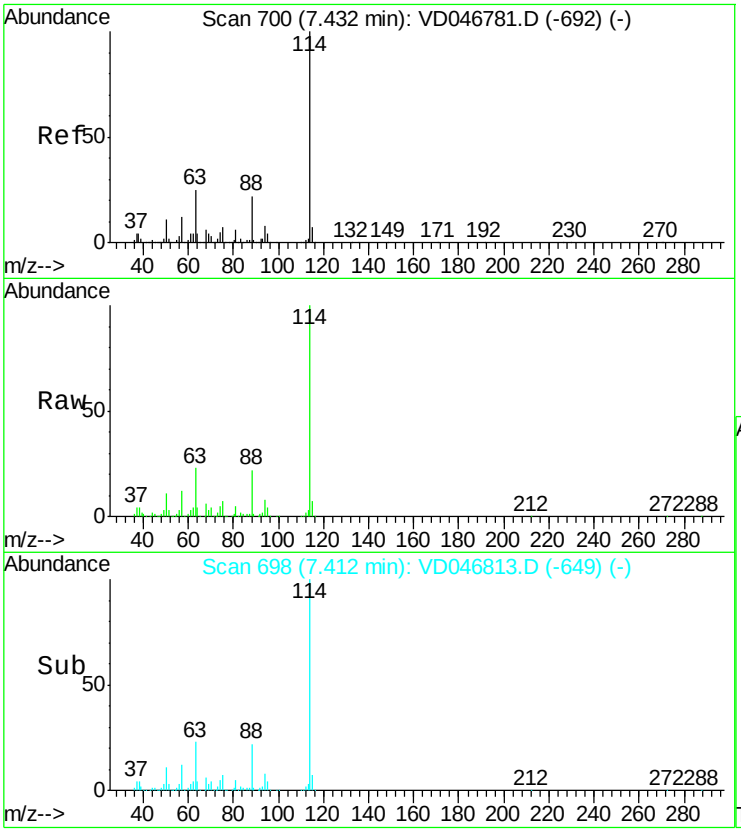


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 65 Resp: 89638

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	105.4



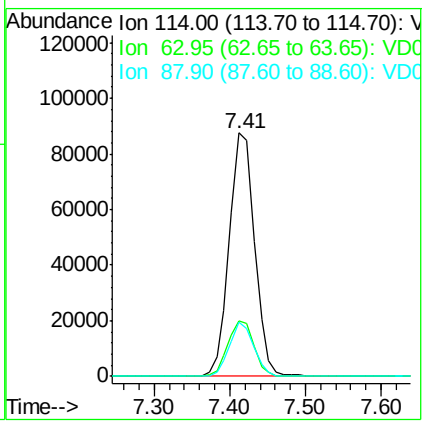


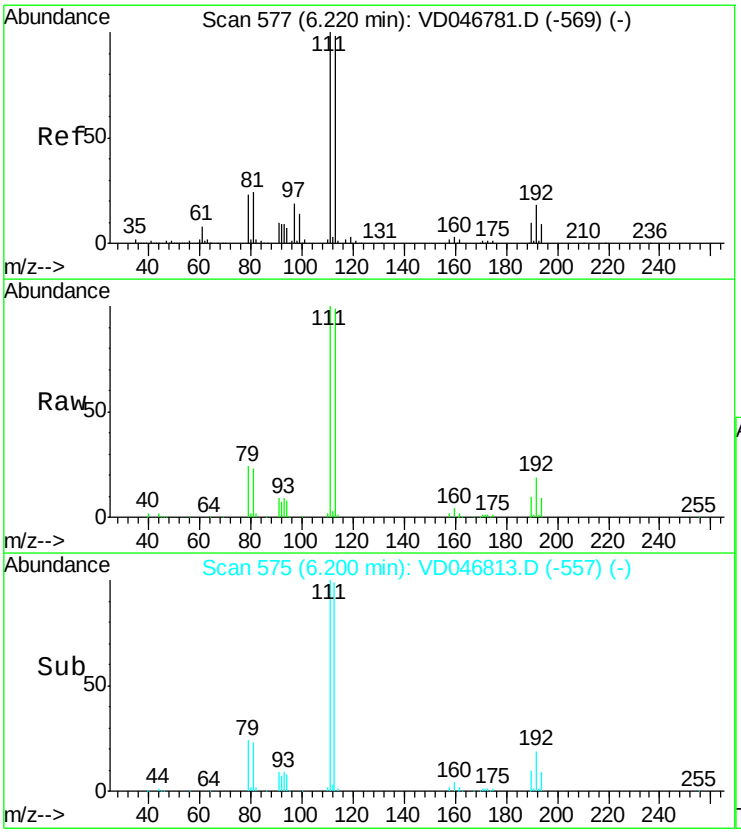
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.41 min Scan# 698
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument : MSVOA_D
ClientSampleId : MGP202-42-44

Tgt Ion:114 Resp: 202268

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	49.8
88	22.4	0.0	43.6

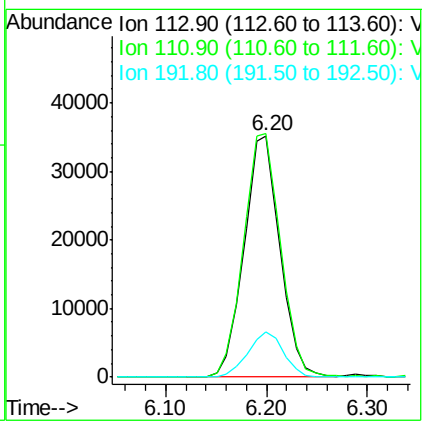


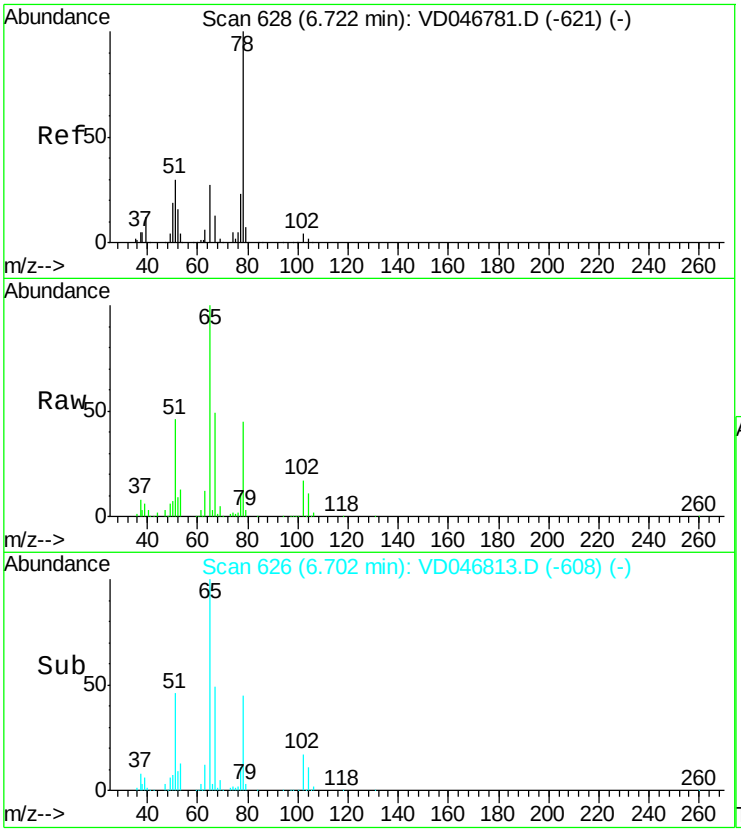


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.20 min Scan# 575
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion:113 Resp: 86962

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	18.9	14.6	22.0



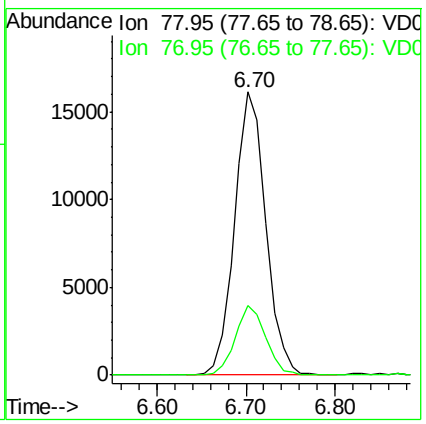


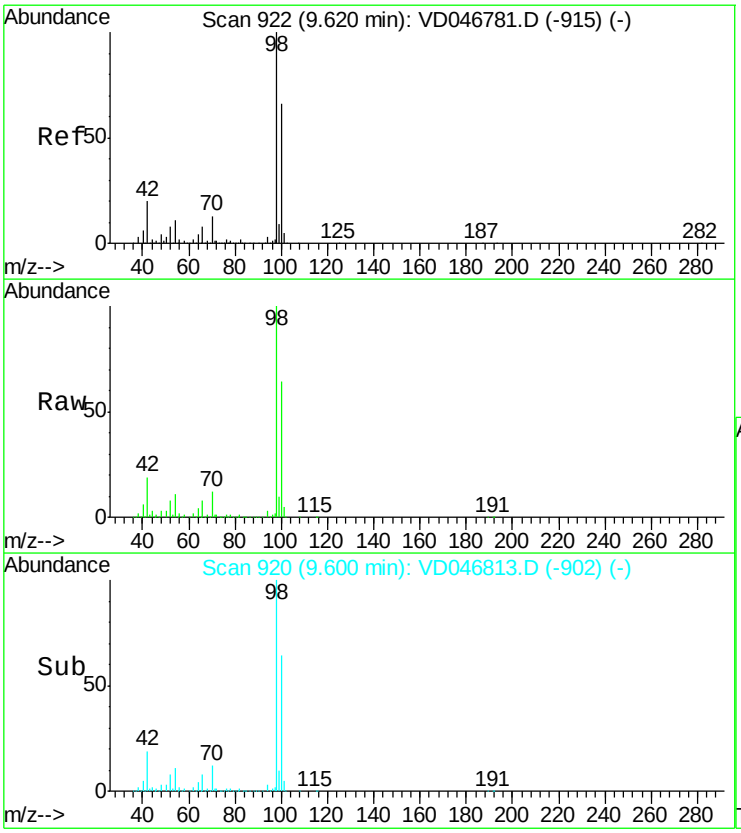
#40
Benzene
Concen: 6.51 ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

Tgt Ion: 78 Resp: 39260

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.9	29.9

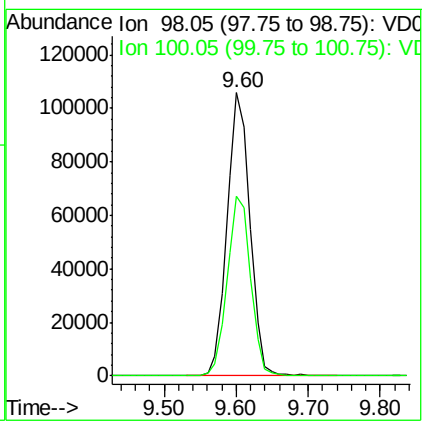


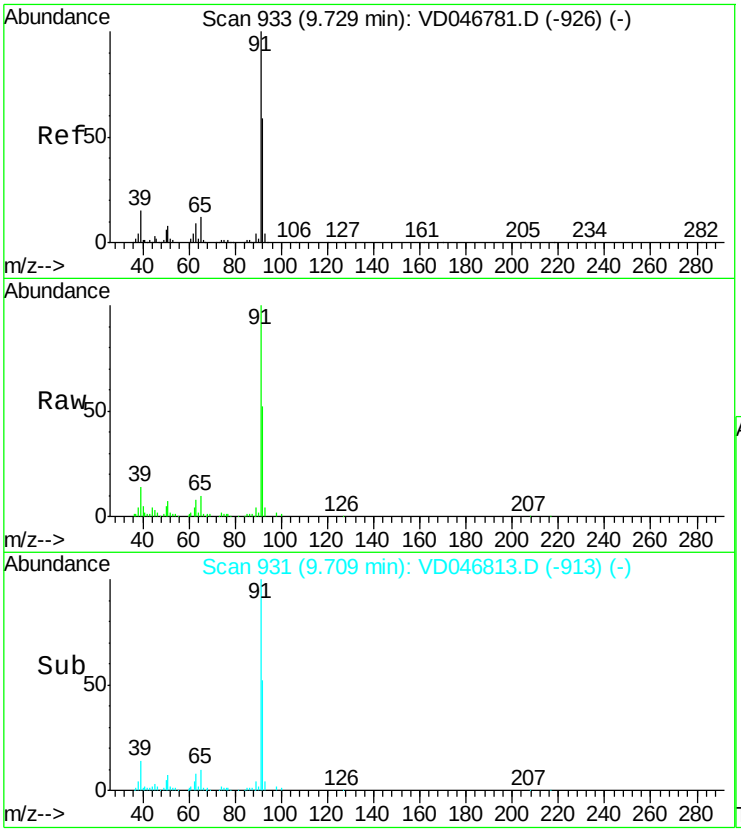


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 98 Resp: 235119

Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.9	74.9



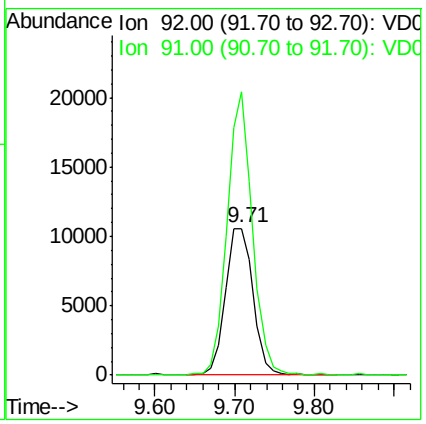


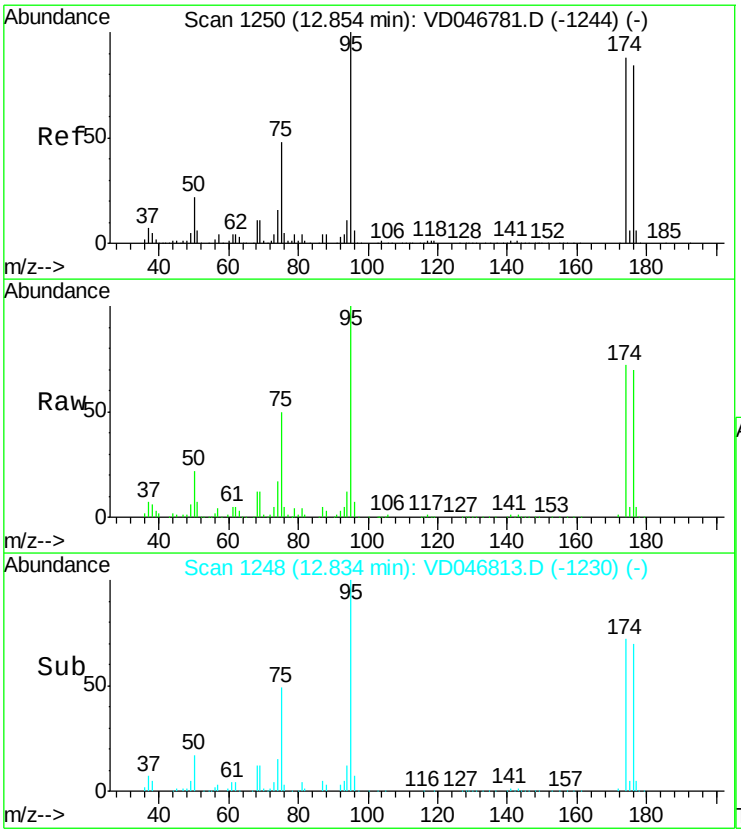
#52
Toluene
Concen: 6.96 ug/l
RT: 9.71 min Scan# 931
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

Tgt Ion: 92 Resp: 25907

Ion	Ratio	Lower	Upper
92	100		
91	193.2	139.4	209.0

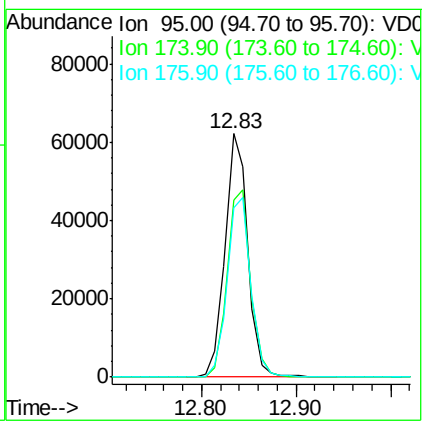


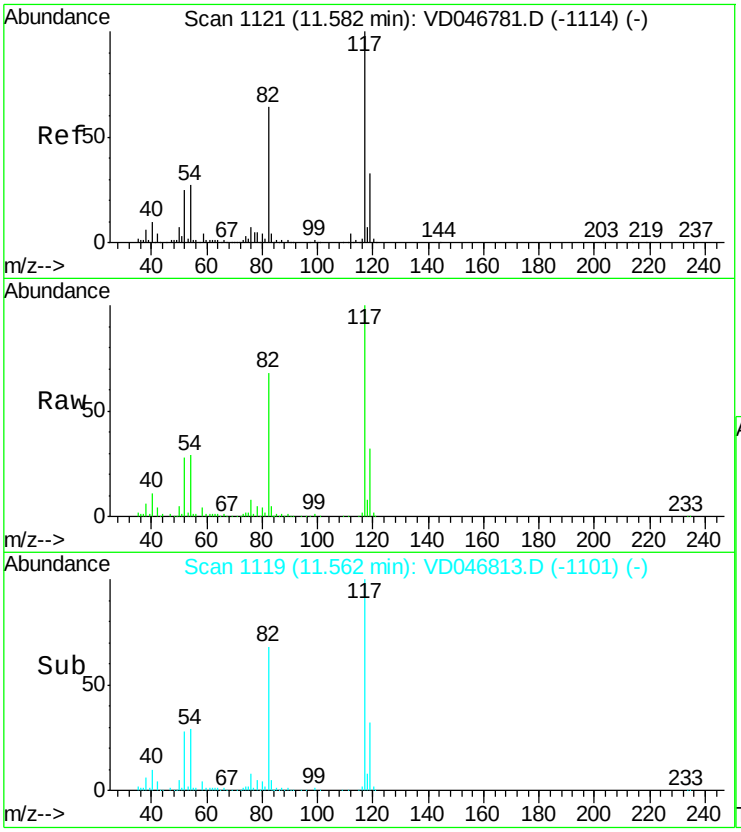


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.83 min Scan# 1248
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 95 Resp: 103114

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	149.8
176	69.6	0.0	143.4



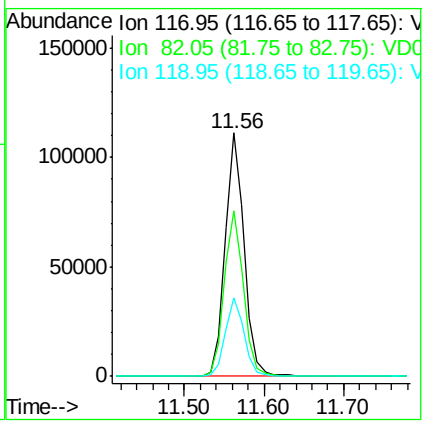


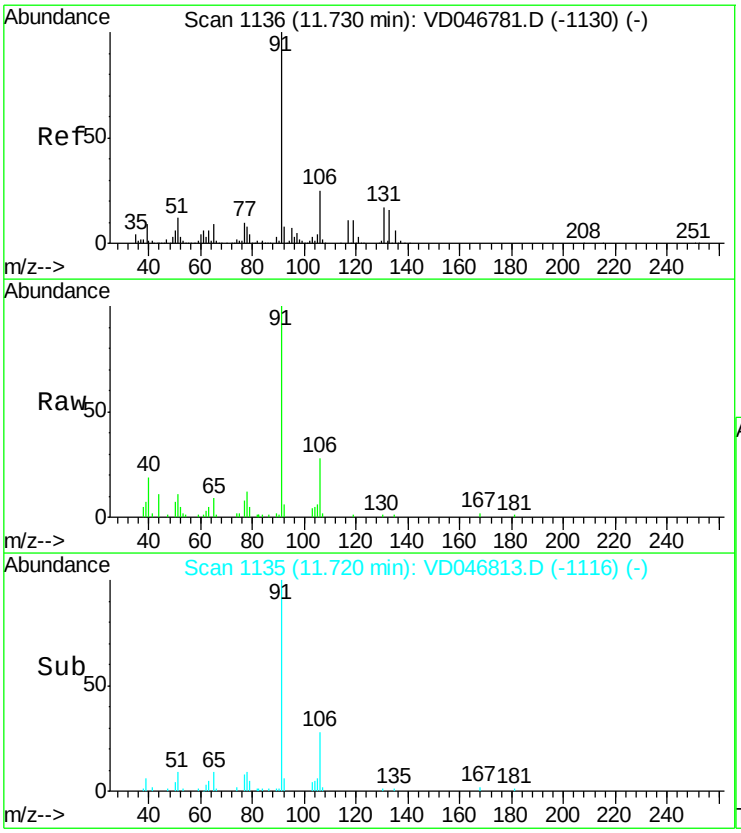
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument : MSVOA_D
ClientSampleId : MGP202-42-44

Tgt Ion:117 Resp: 187068

Ion	Ratio	Lower	Upper
117	100		
82	68.1	50.6	75.8
119	32.1	25.8	38.8

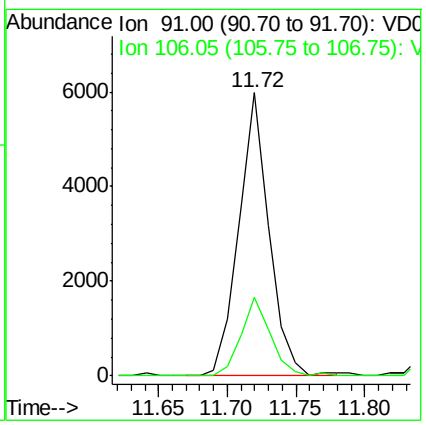


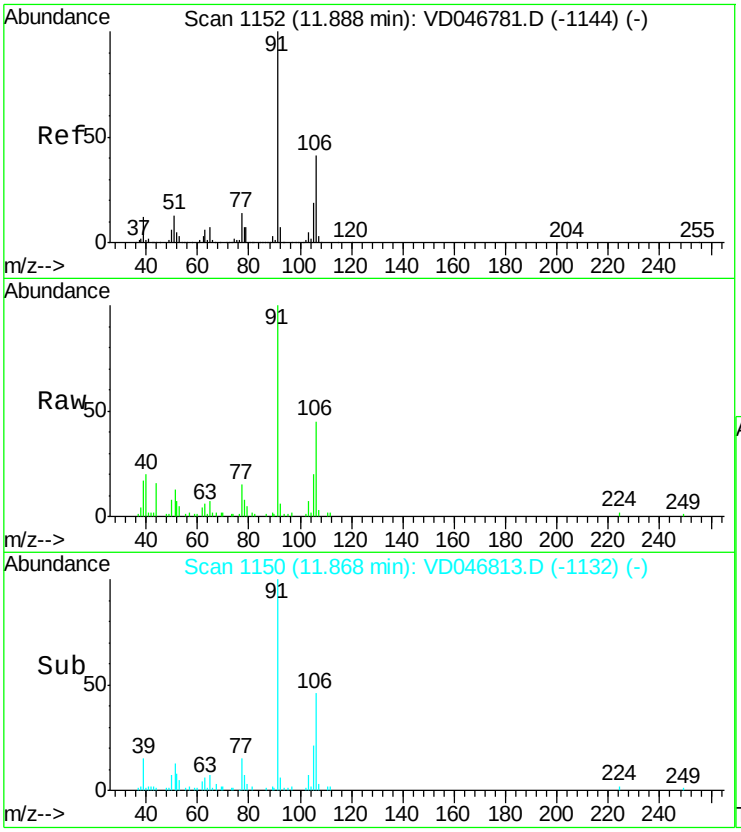


#67
Ethyl Benzene
Concen: 1.16 ug/l
RT: 11.72 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion: 91 Resp: 9203

Ion	Ratio	Lower	Upper
91	100		
106	27.7	20.2	30.2



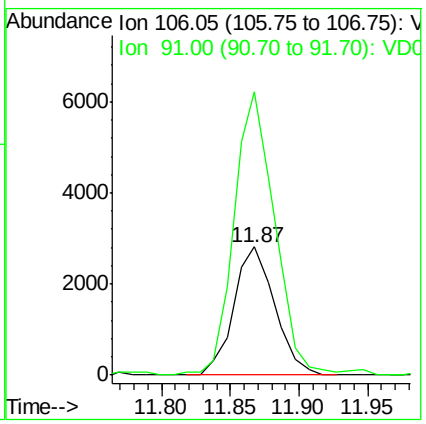


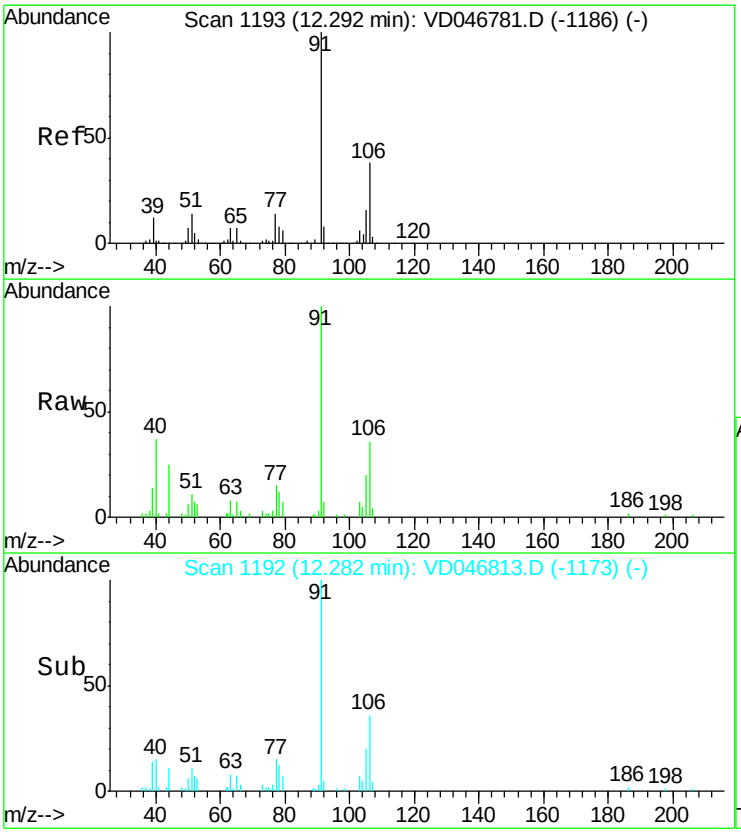
#68
m/p-Xylenes
Concen: 2.34 ug/l
RT: 11.87 min Scan# 1150
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

Tgt Ion:106 Resp: 5837

Ion	Ratio	Lower	Upper
106	100		
91	221.0	187.9	281.9

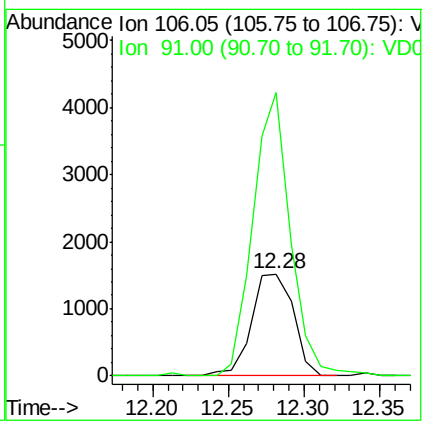


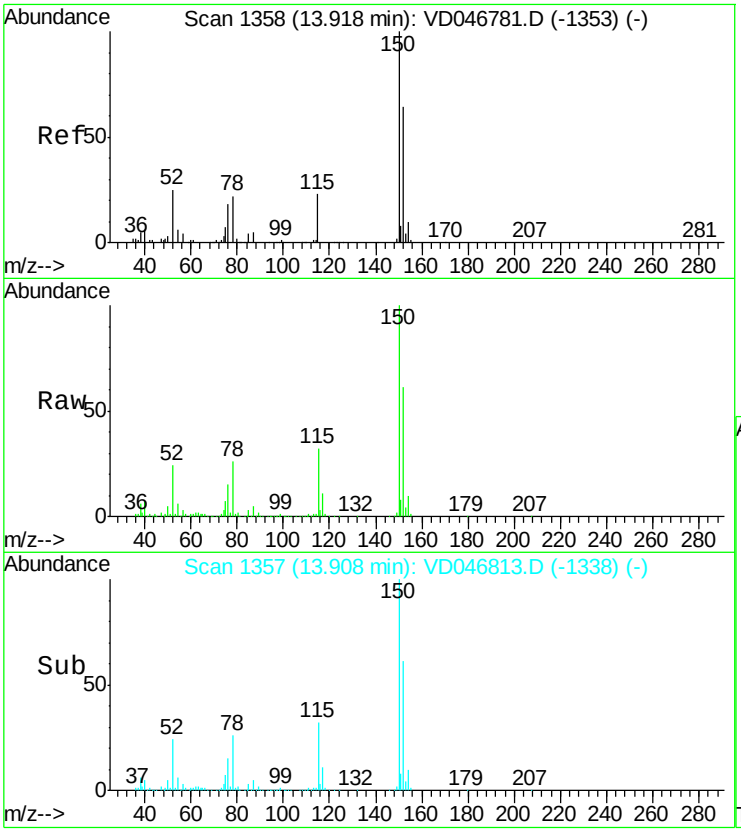


#69
o-Xylene
Concen: 1.31 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion:106 Resp: 2949

Ion	Ratio	Lower	Upper
106	100		
91	277.8	124.8	374.5



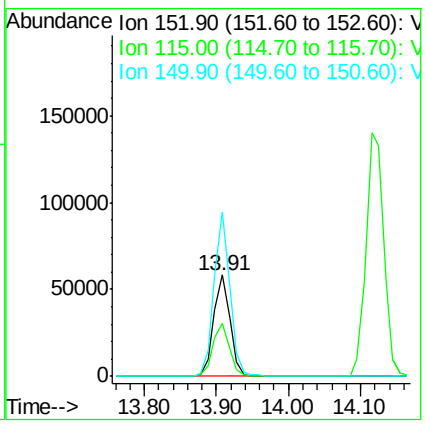


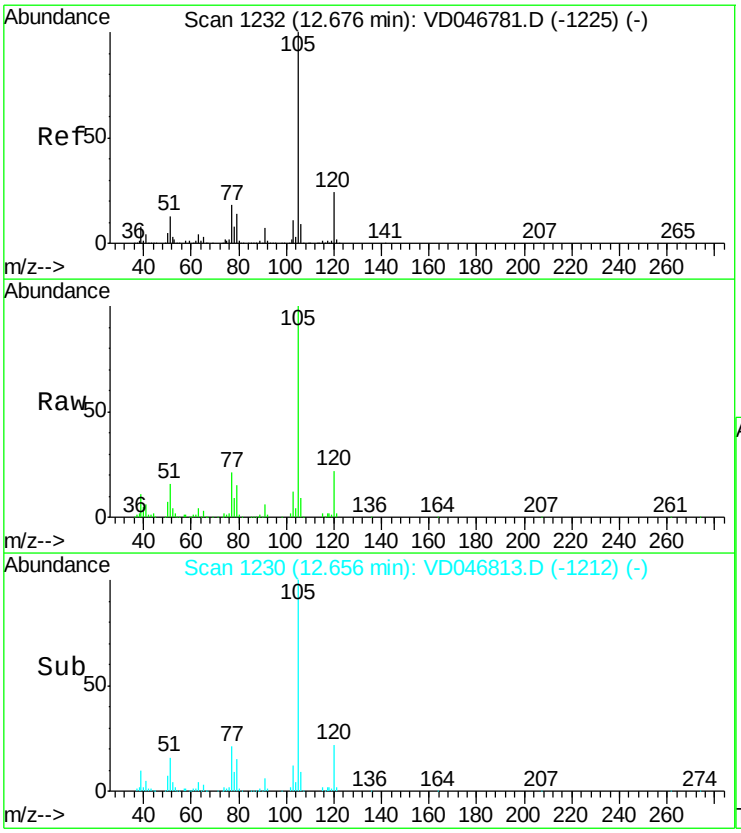
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument : MSVOA_D
ClientSampleId : MGP202-42-44

Tgt Ion:152 Resp: 90286

Ion	Ratio	Lower	Upper
152	100		
115	52.5	26.2	78.6
150	163.0	0.0	311.8

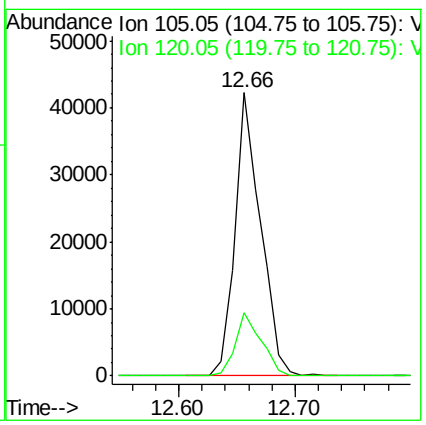


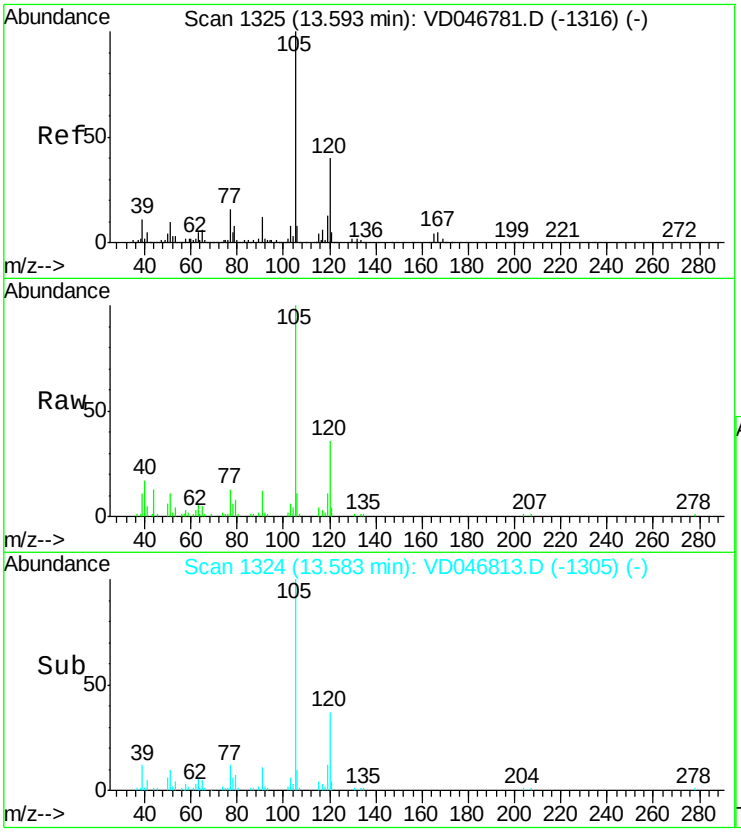


#73
Isopropylbenzene
Concen: 10.09 ug/l
RT: 12.66 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion:105 Resp: 64221

Ion	Ratio	Lower	Upper
105	100		
120	22.4	12.4	37.4



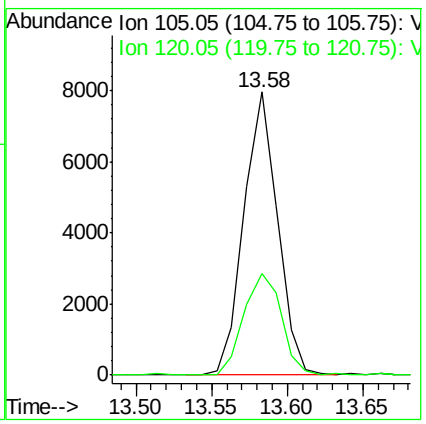


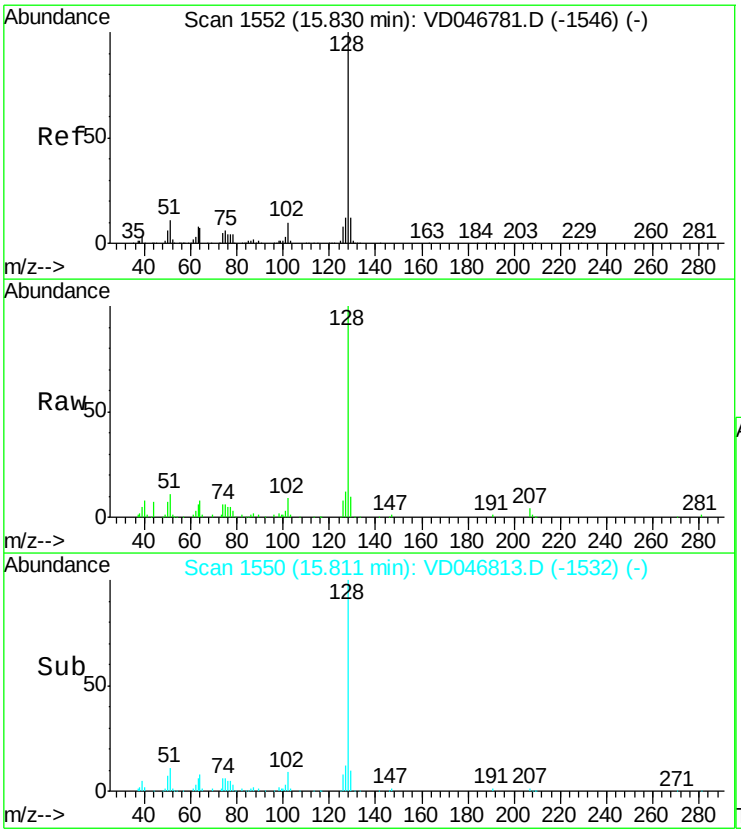
#84
1,2,4-Trimethylbenzene
Concen: 2.43 ug/l
RT: 13.58 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Instrument :
MSVOA_D
ClientSampleId :
MGP202-42-44

Tgt Ion:105 Resp: 12413

Ion	Ratio	Lower	Upper
105	100		
120	36.0	21.1	63.1





#95
Naphthalene
Concen: 20.81 ug/l
RT: 15.81 min Scan# 1550
Delta R.T. -0.02 min
Lab File: VD046813.D
Acq: 21 Sep 2015 17:59

Tgt Ion:128 Resp: 36997

Ion	Ratio	Lower	Upper
128	100		
127	11.7	9.8	14.6
129	10.4	8.6	12.8