Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
Data File : VD046812.D
Acq On : 21 Sep 2015 17:32
Operator : FY/SY
Sample : G3748-02
Misc : 11.30gm/5mL/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP202-38-40

Quant Time: Sep 22 02:23:08 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	6.30	168	172008	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.41	114	246560	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.56	117	228132	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.91	152	120346	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.70	65	95847	53.59	ug/l	-0.01
Spiked Amount 50.000			Recovery =	107.18%		
35) Dibromofluoromethane	6.20	113	100637	52.17	ug/l	-0.02
Spiked Amount 50.000			Recovery =	104.34%		
50) Toluene-d8	9.60	98	290246	47.69	ug/l	-0.02
Spiked Amount 50.000			Recovery =	95.38%		
62) 4-Bromofluorobenzene	12.83	95	124485	50.80	ug/l	-0.02
Spiked Amount 50.000			Recovery =	101.60%		
Target Compounds						Qvalue
17) Acetone	2.94	43	9075	30.03	ug/l #	85
21) Methylene Chloride	3.50	84	7566	4.61	ug/l #	82
52) Toluene	9.71	92	9705	2.14	ug/l	94
67) Ethyl Benzene	11.72	91	194219	20.13	ug/l	98
68) m/p-Xylenes	11.87	106	4595	1.51	ug/l #	65
73) Isopropylbenzene	12.66	105	312431	36.83	ug/l	96
80) 1,3,5-Trimethylbenzene	13.24	105	96832	14.32	ug/l	99
84) 1,2,4-Trimethylbenzene	13.58	105	615645	90.47	ug/l	99
86) p-Isopropyltoluene	13.87	119	15701	2.23	ug/l	91
95) Naphthalene	15.81	128	2026086	759.60	ug/l	99

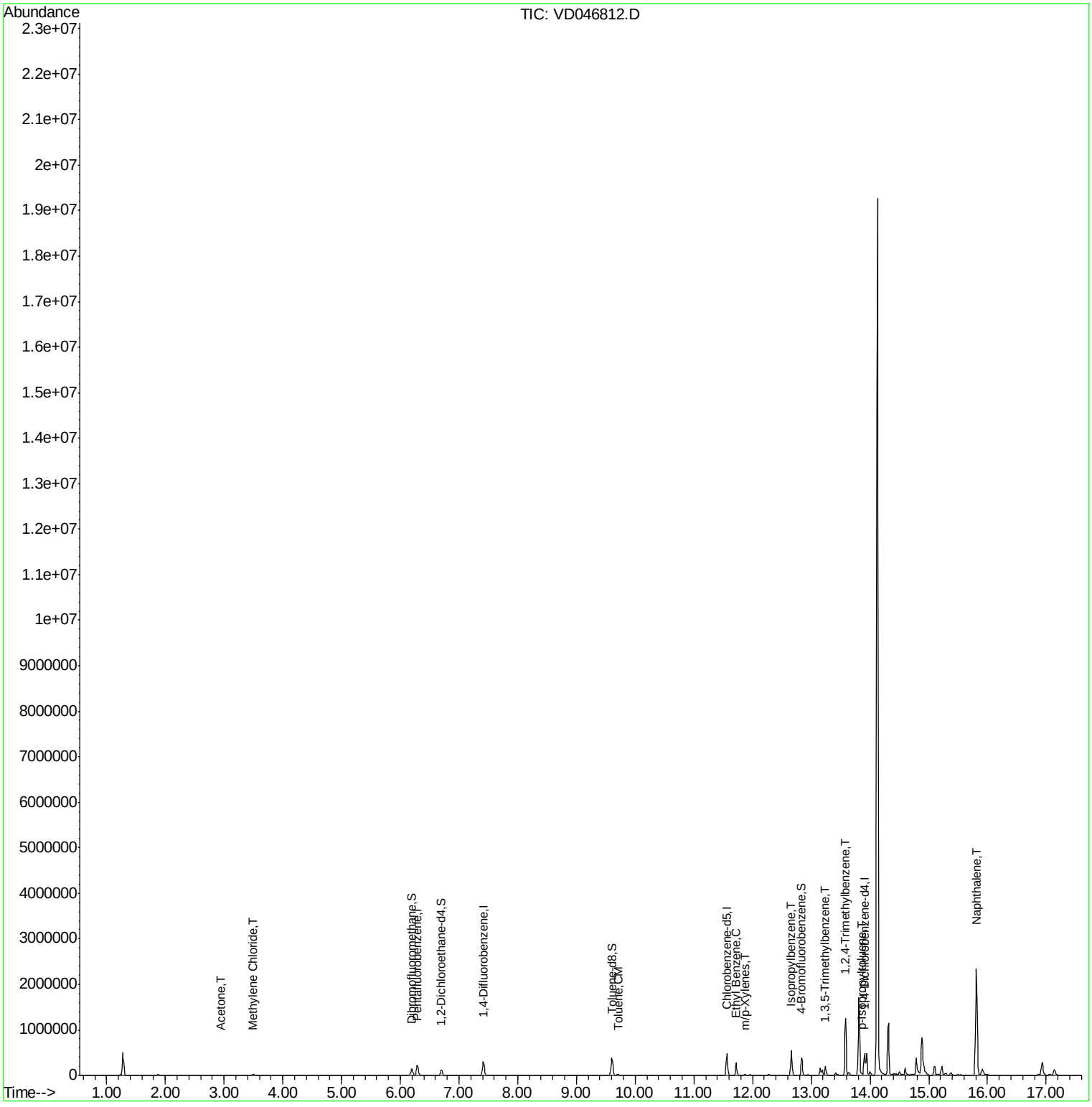
(#) = qualifier out of range (m) = manual integration (+) = signals summed

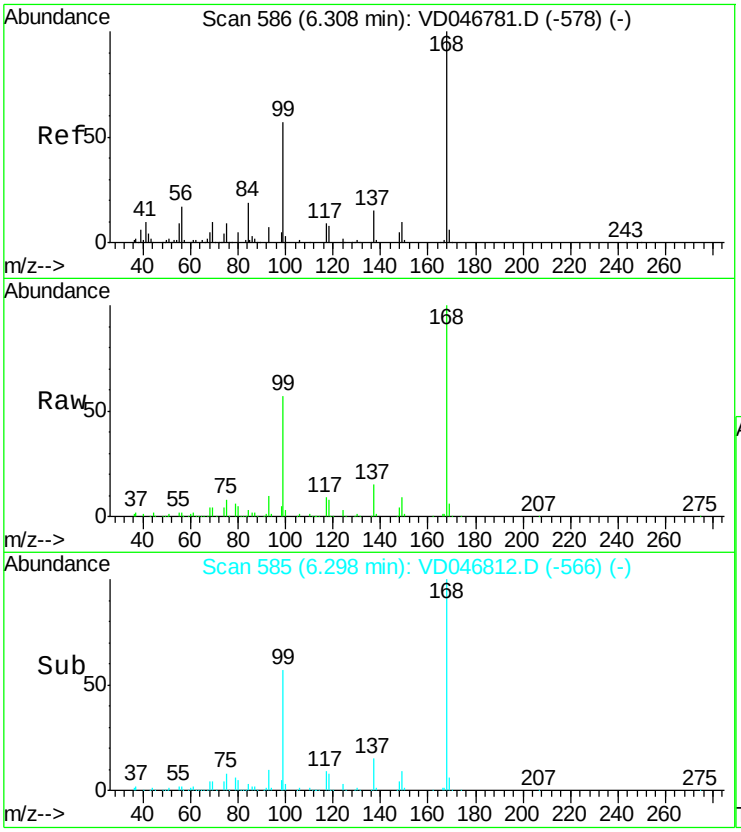
Quantitation Report (LSC Reviewed)

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
Data File : VD046812.D
Acq On : 21 Sep 2015 17:32
Operator : FY/SY
Sample : G3748-02
Misc : 11.30gm/5mL/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP202-38-40

Quant Time: Sep 22 02:23:08 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



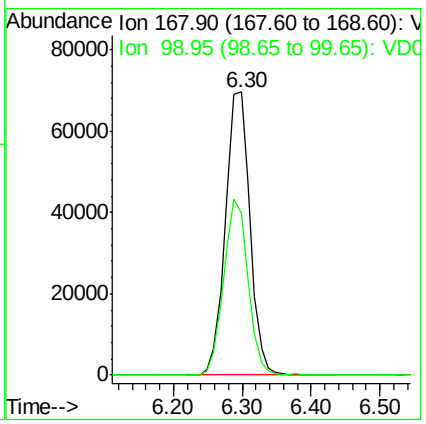


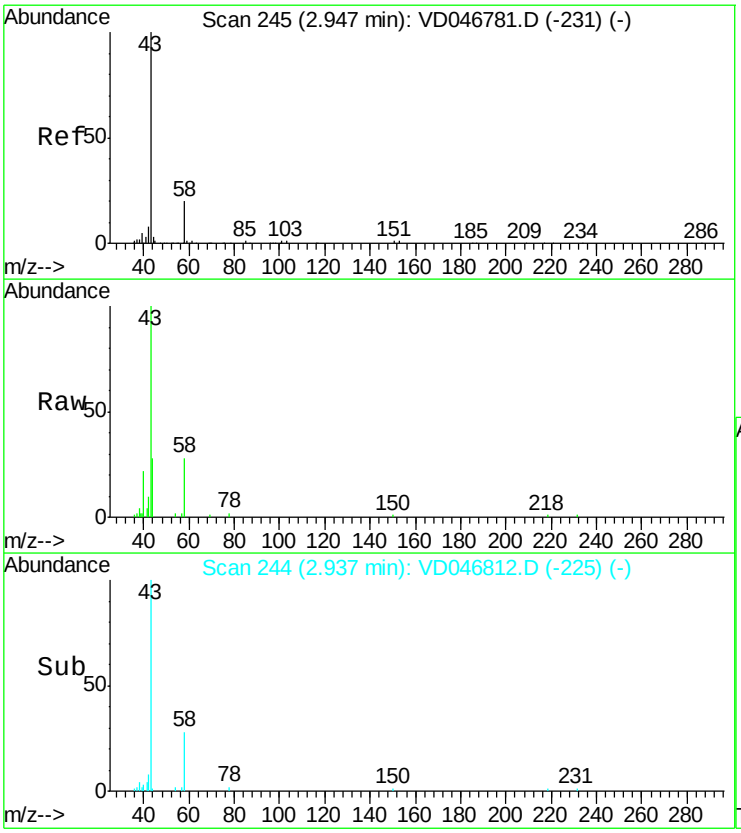
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.30 min Scan# 585
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument :
MSVOA_D
ClientSampleId :
MGP202-38-40

Tgt Ion:168 Resp: 172008

Ion	Ratio	Lower	Upper
168	100		
99	57.2	42.4	63.6

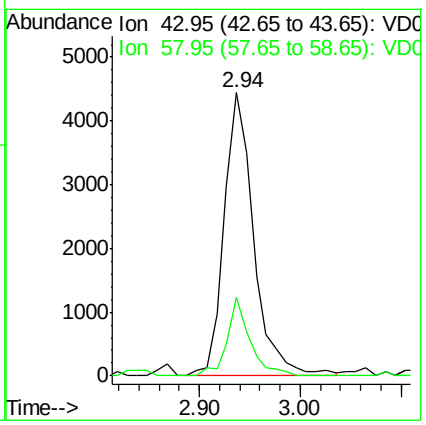


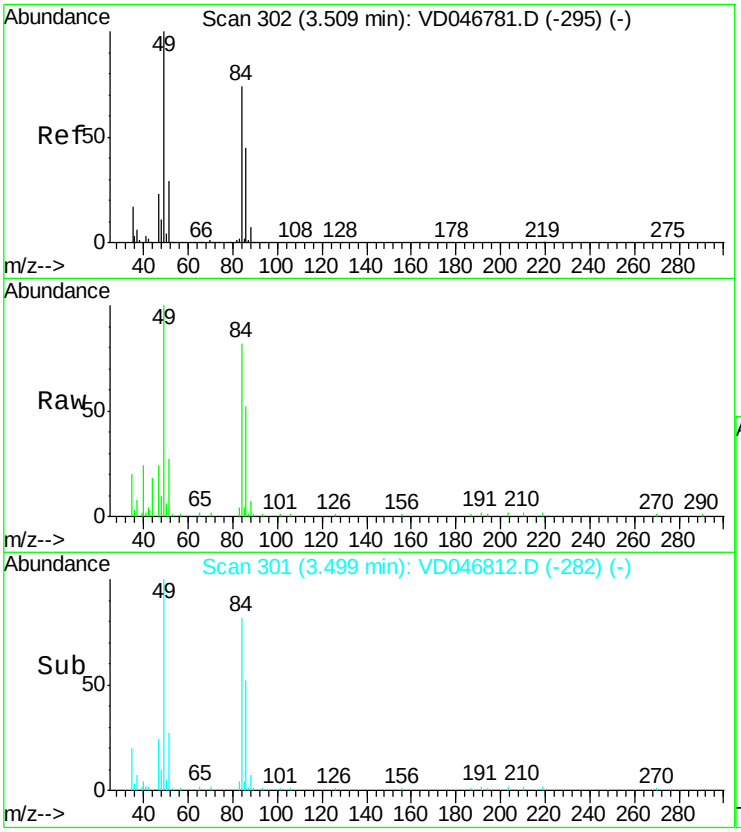


#17
Acetone
Concen: 30.03 ug/l
RT: 2.94 min Scan# 244
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion: 43 Resp: 9075

Ion	Ratio	Lower	Upper
43	100		
58	27.6	16.6	24.8#



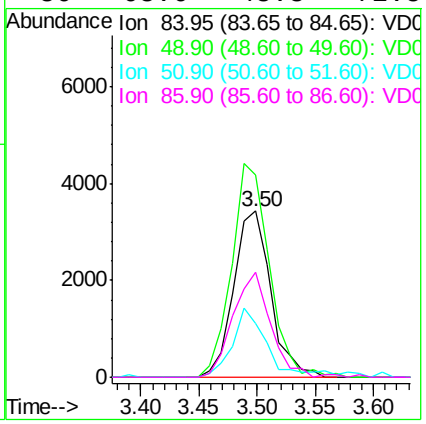


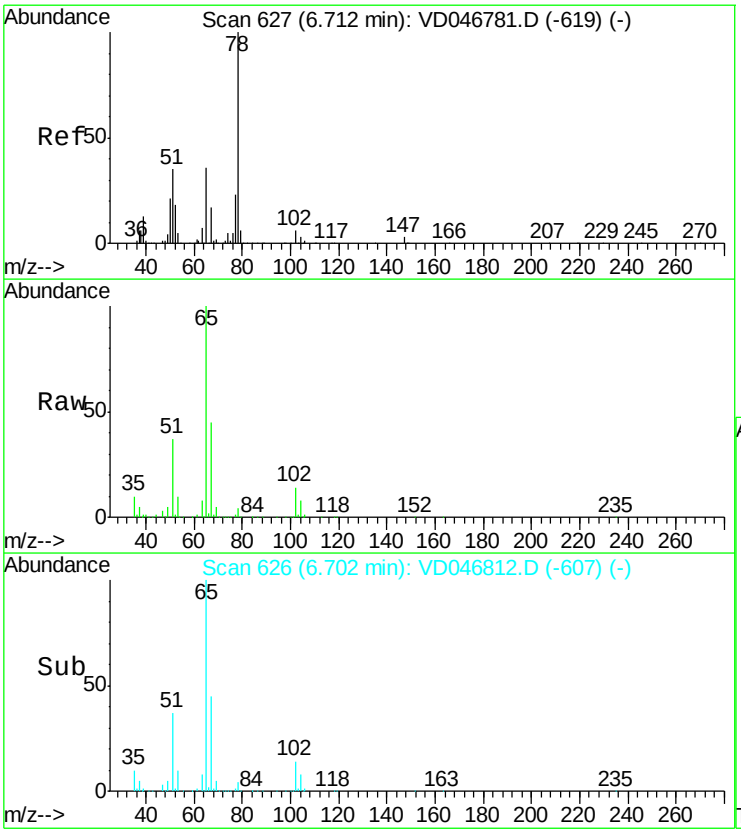
#21
Methylene Chloride
Concen: 4.61 ug/l
RT: 3.50 min Scan# 301
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument : MSVOA_D
ClientSampleId : MGP202-38-40

Tgt Ion: 84 Resp: 7566

Ion	Ratio	Lower	Upper
84	100		
49	122.2	122.1	183.1
51	32.5	33.6	50.4#
86	63.6	48.3	72.5

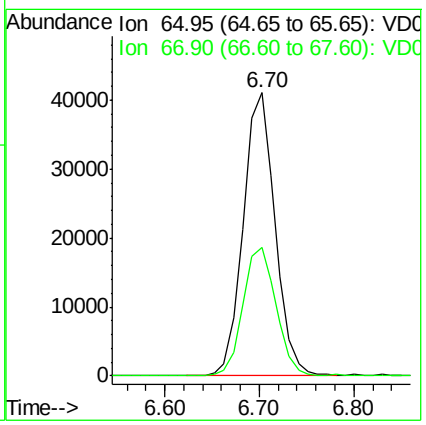


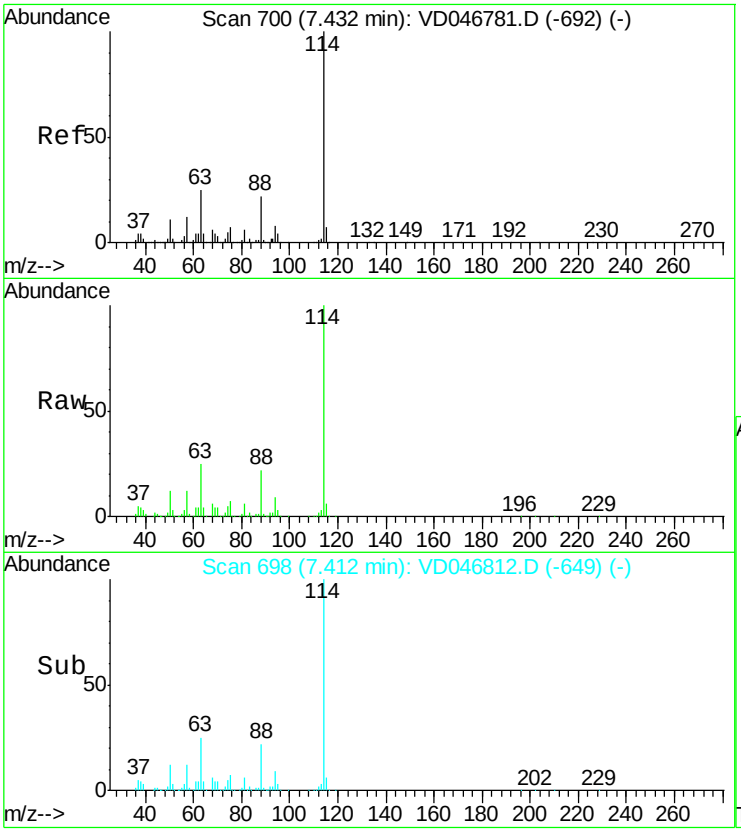


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion: 65 Resp: 95847

Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	105.4



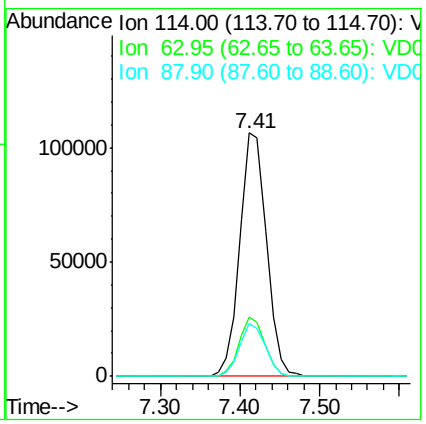


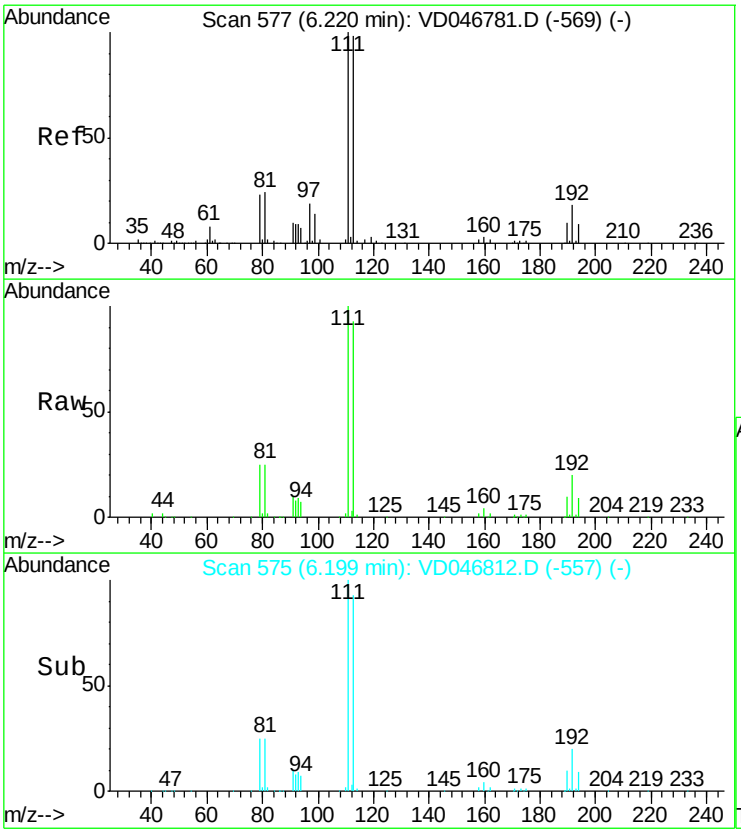
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.41 min Scan# 698
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument :
MSVOA_D
ClientSampleId :
MGP202-38-40

Tgt Ion:114 Resp: 246560

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.8
88	21.5	0.0	43.6

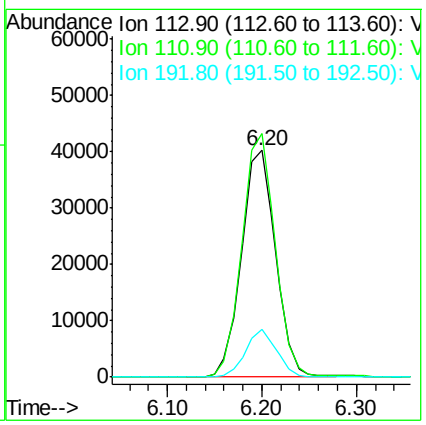


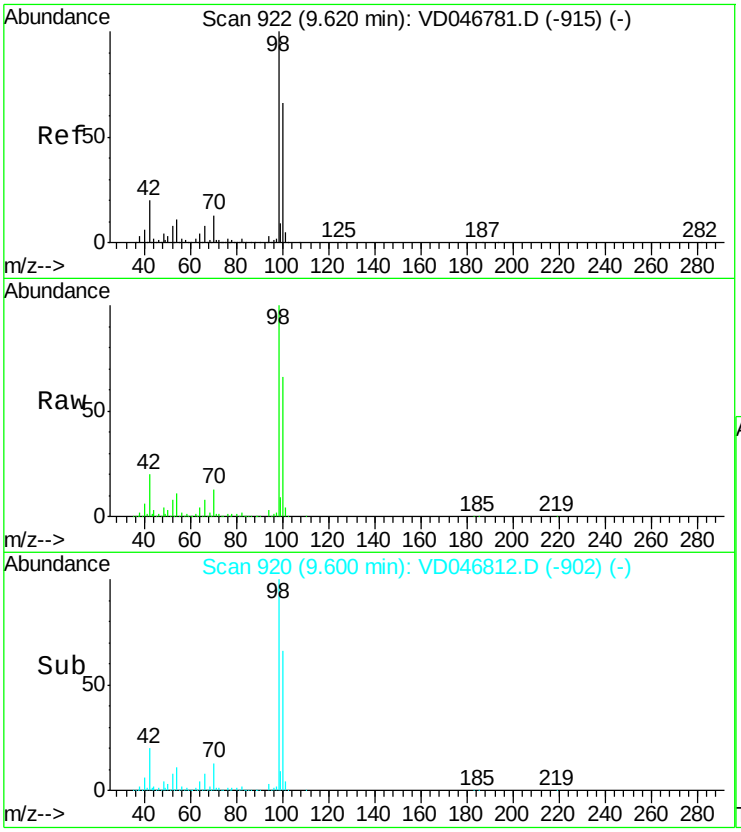


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.20 min Scan# 575
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion:113 Resp: 100637

Ion	Ratio	Lower	Upper
113	100		
111	107.5	79.4	119.0
192	21.1	14.6	22.0



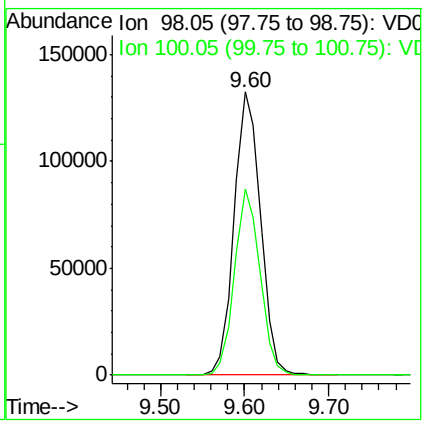


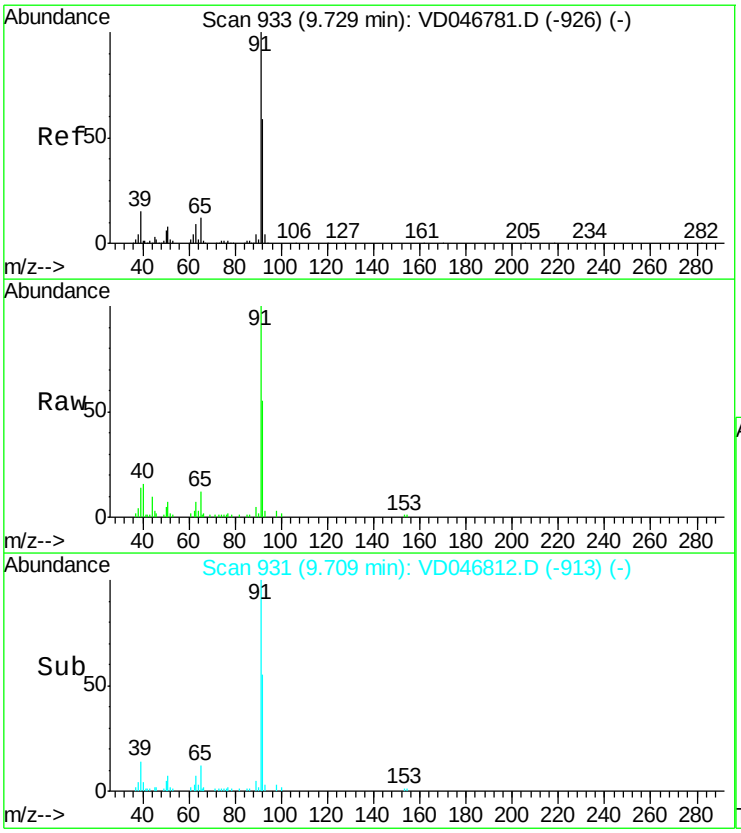
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument :
MSVOA_D
ClientSampleId :
MGP202-38-40

Tgt Ion: 98 Resp: 290246

Ion	Ratio	Lower	Upper
98	100		
100	65.5	49.9	74.9

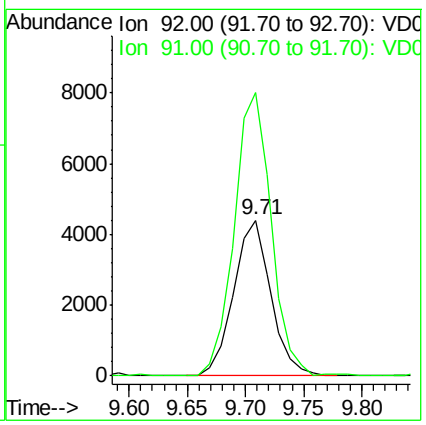


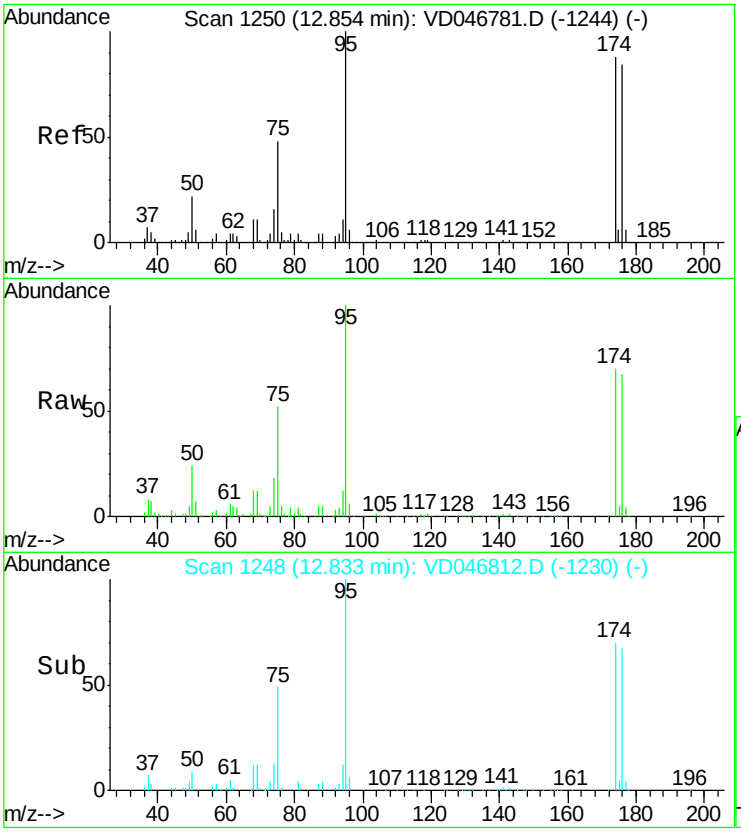


#52
Toluene
Concen: 2.14 ug/l
RT: 9.71 min Scan# 931
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion: 92 Resp: 9705

Ion	Ratio	Lower	Upper
92	100		
91	181.9	139.4	209.0



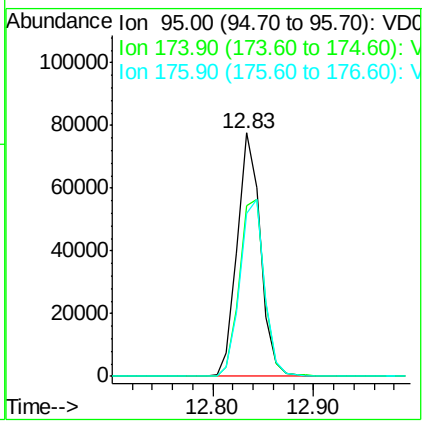


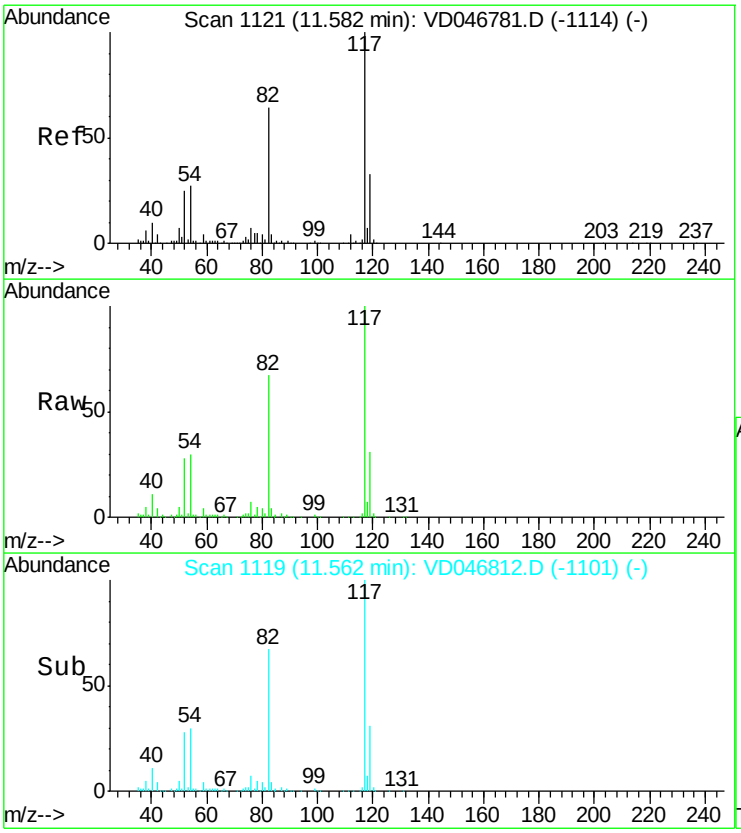
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.83 min Scan# 1248
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument : MSVOA_D
ClientSampleId : MGP202-38-40

Tgt Ion: 95 Resp: 124485

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	149.8
176	66.7	0.0	143.4

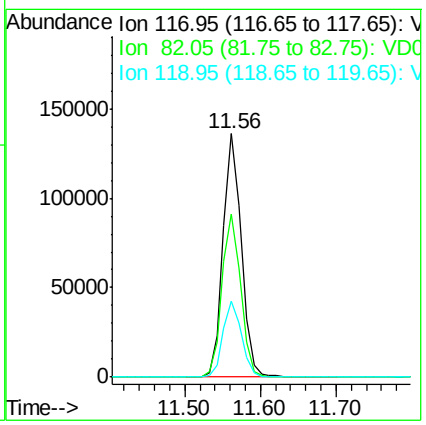


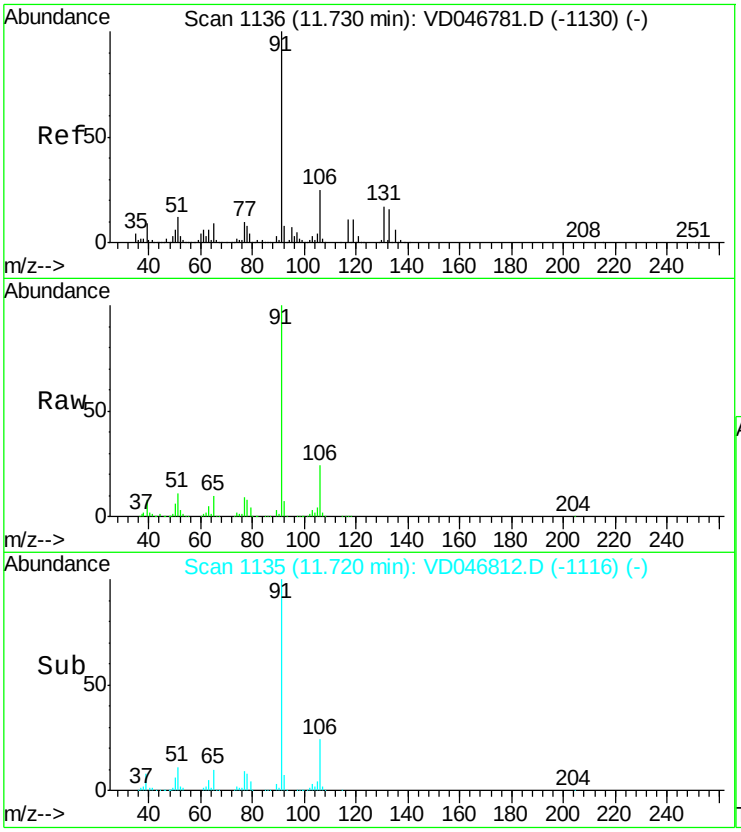


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion:117 Resp: 228132

Ion	Ratio	Lower	Upper
117	100		
82	66.7	50.6	75.8
119	31.4	25.8	38.8



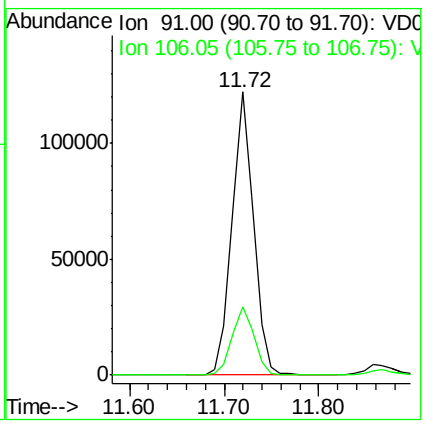


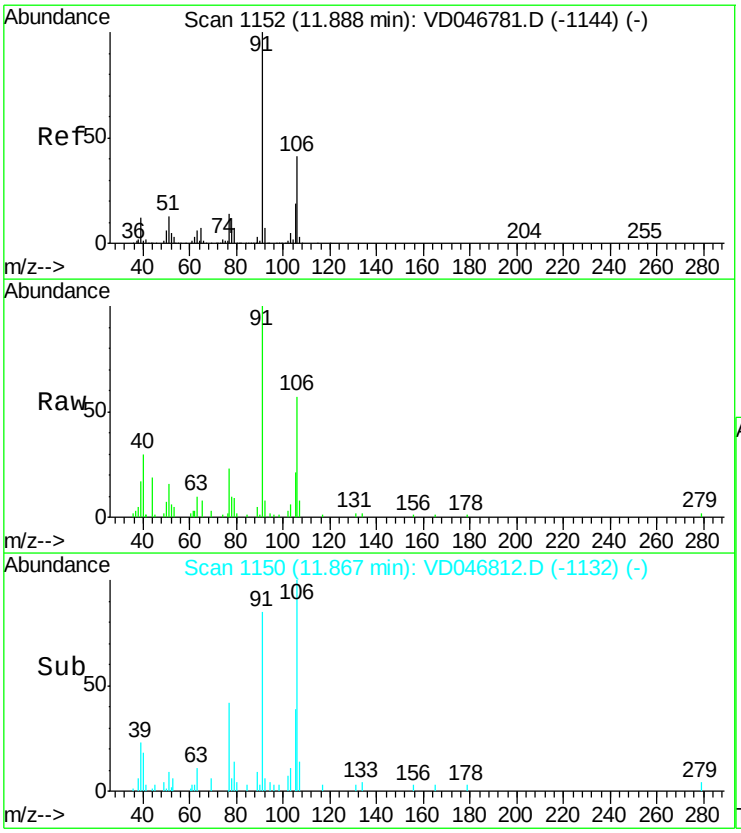
#67
Ethyl Benzene
Concen: 20.13 ug/l
RT: 11.72 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument : MSVOA_D
ClientSampleId : MGP202-38-40

Tgt Ion: 91 Resp: 194219

Ion	Ratio	Lower	Upper
91	100		
106	24.0	20.2	30.2

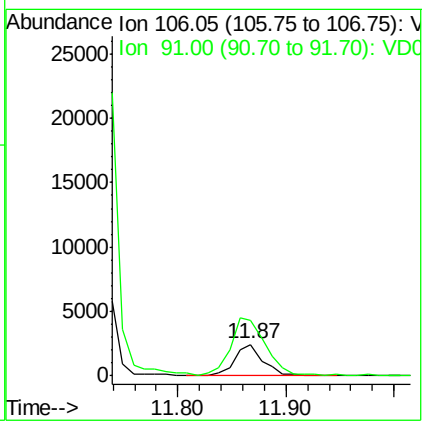


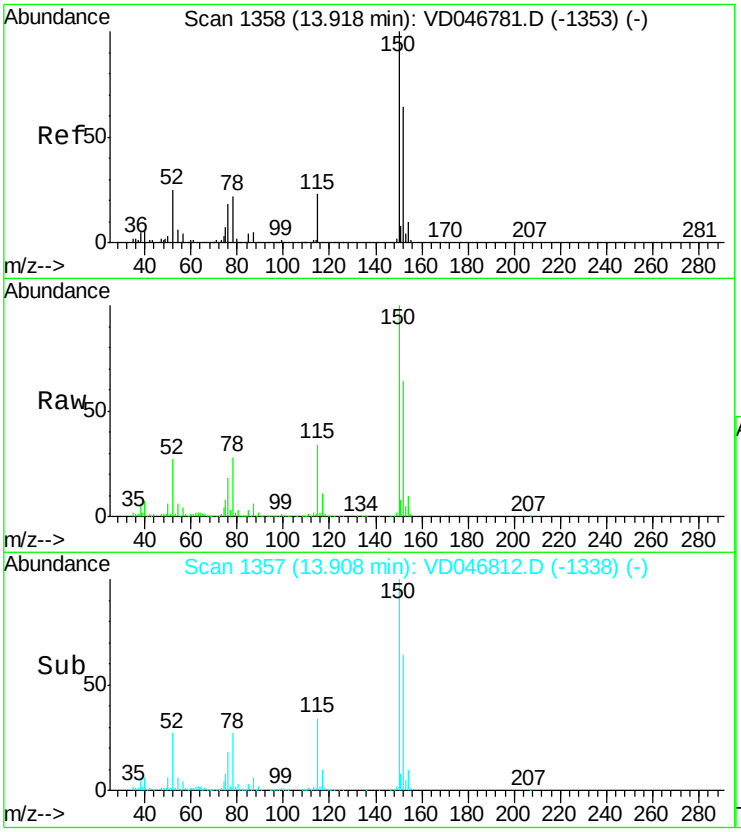


#68
m/p-Xylenes
Concen: 1.51 ug/l
RT: 11.87 min Scan# 1150
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion:106 Resp: 4595

Ion	Ratio	Lower	Upper
106	100		
91	176.3	187.9	281.9#



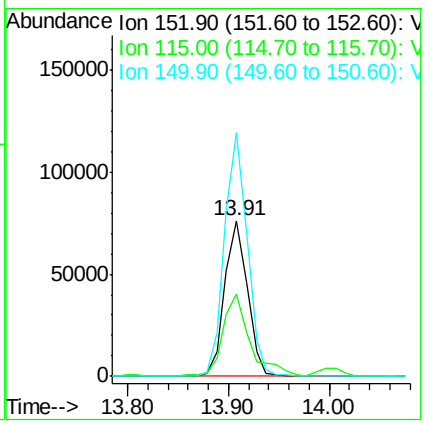


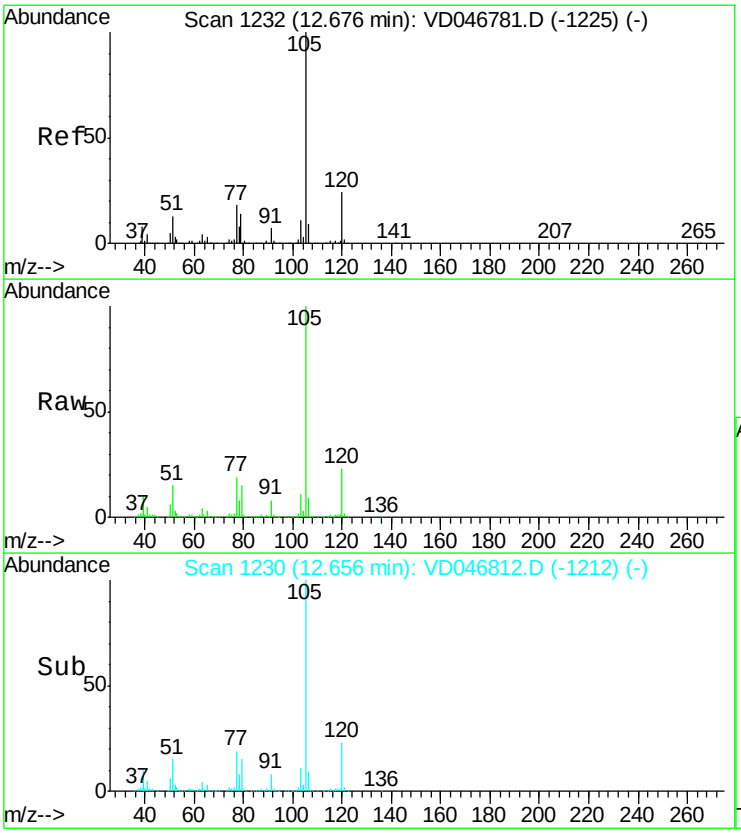
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.91 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument : MSVOA_D
ClientSampleId : MGP202-38-40

Tgt Ion:152 Resp: 120346

Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.2	78.6
150	156.3	0.0	311.8

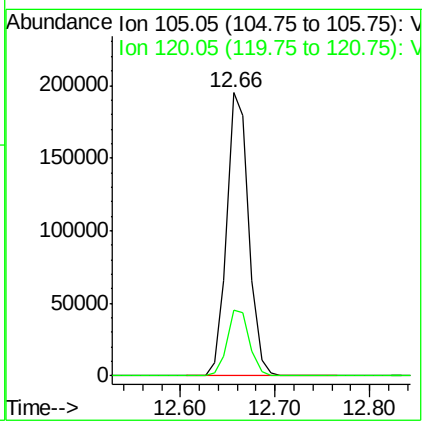


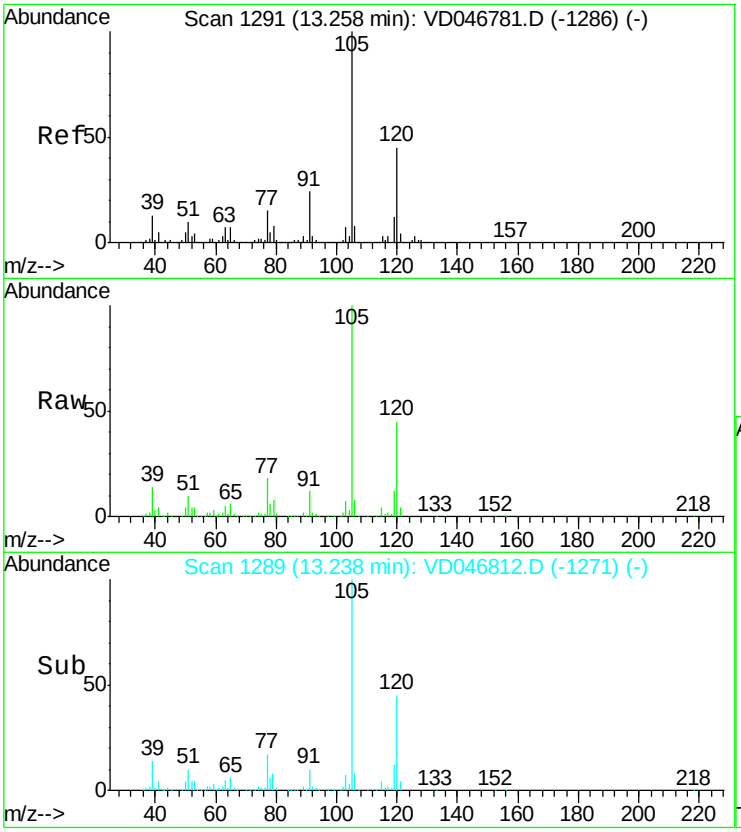


#73
Isopropylbenzene
Concen: 36.83 ug/l
RT: 12.66 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion:105 Resp: 312431

Ion	Ratio	Lower	Upper
105	100		
120	23.0	12.4	37.4



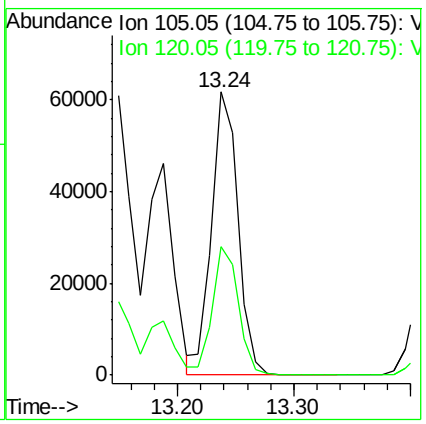


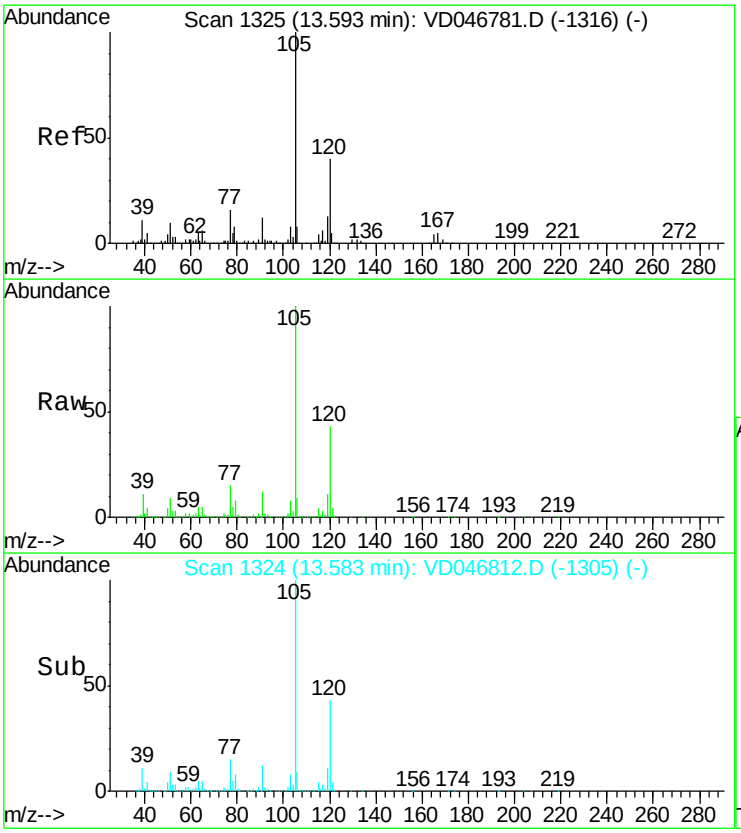
#80
1,3,5-Trimethylbenzene
Concen: 14.32 ug/l
RT: 13.24 min Scan# 1289
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument :
MSVOA_D
ClientSampleId :
MGP202-38-40

Tgt Ion:105 Resp: 96832

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.8

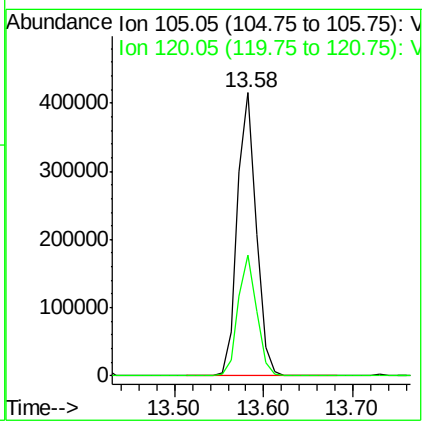


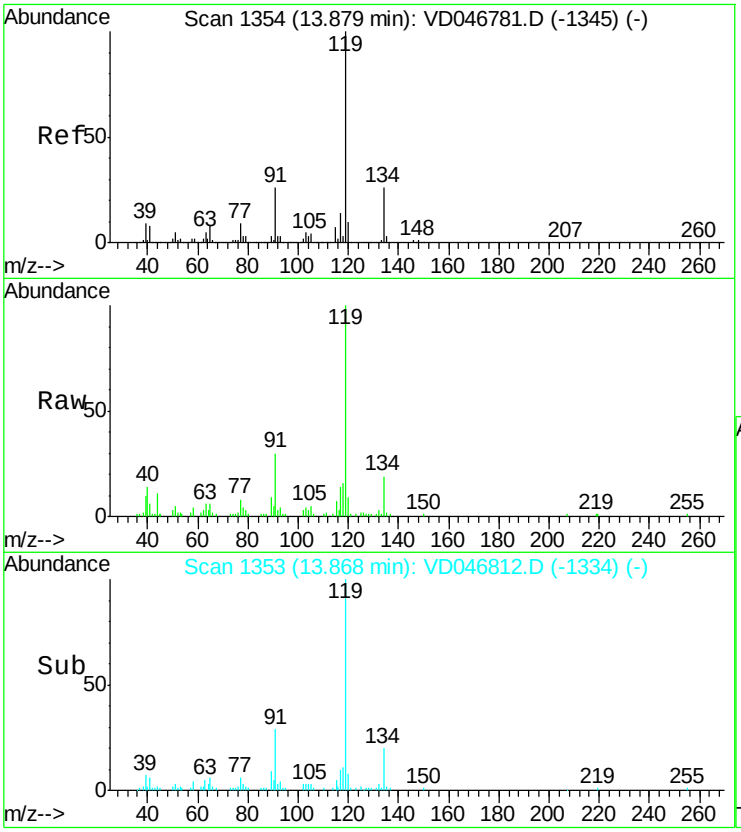


#84
1,2,4-Trimethylbenzene
Concen: 90.47 ug/l
RT: 13.58 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion:105 Resp: 615645

Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.1	63.1



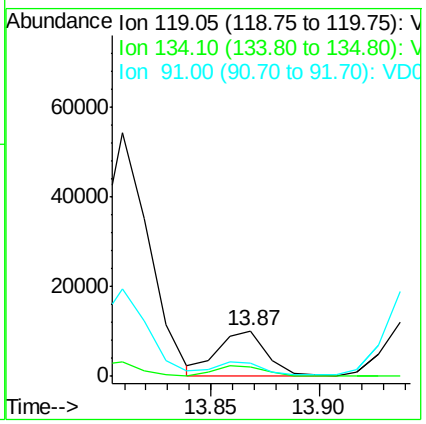


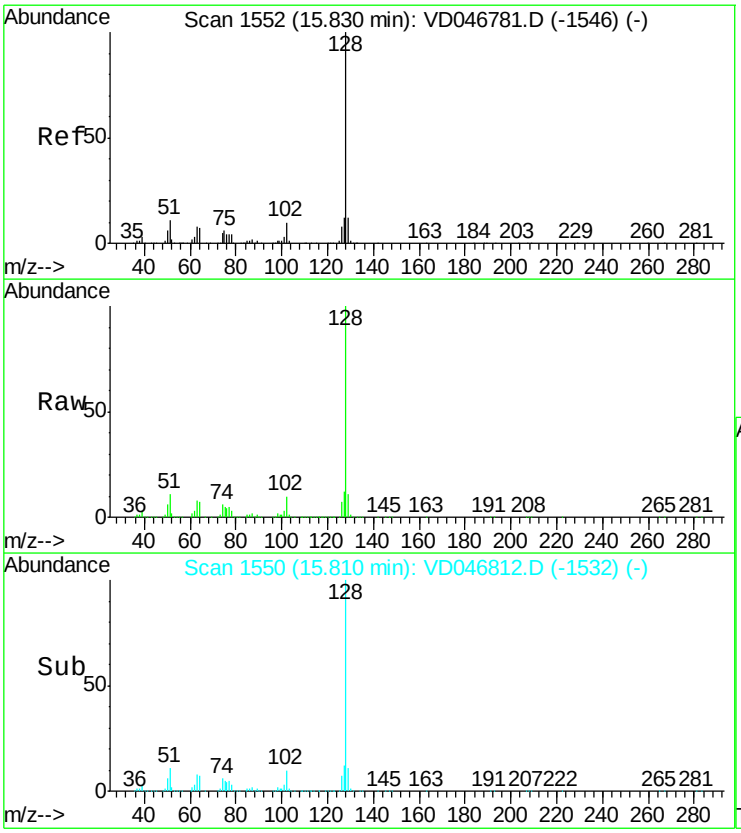
#86
p-Isopropyltoluene
Concen: 2.23 ug/l
RT: 13.87 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Instrument :
MSVOA_D
ClientSampleId :
MGP202-38-40

Tgt Ion:119 Resp: 15701

Ion	Ratio	Lower	Upper
119	100		
134	19.2	13.0	38.9
91	30.4	13.8	41.3





#95
Naphthalene
Concen: 759.60 ug/l
RT: 15.81 min Scan# 1550
Delta R.T. -0.02 min
Lab File: VD046812.D
Acq: 21 Sep 2015 17:32

Tgt Ion:128 Resp: 2026086

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.6
129	11.2	8.6	12.8