Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
Data File : VH057105.D
Acq On : 22 Sep 2015 15:15
Operator : SY/FY
Sample : G3748-04ME 20X
Misc : 12.84g/5mL//100uL/5mL/MSVOA_H/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_H
ClientSampleId : MGP205-10-12

Quant Time: Sep 23 04:37:40 2015
Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:34:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.83	168	813232	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	5.55	114	1468840	50.00	ug/l		-0.02
63) Chlorobenzene-d5	9.70	117	1149758	50.00	ug/l		-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	355714	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.79	65	586265	40.37	ug/l		-0.02
Spiked Amount 50.000	Range 66 - 150		Recovery = 80.74%				
35) Dibromofluoromethane	4.06	113	552779	47.27	ug/l		-0.03
Spiked Amount 50.000	Range 76 - 130		Recovery = 94.54%				
48) Toluene-d8	7.49	98	1523868	45.32	ug/l		-0.03
Spiked Amount 50.000	Range 78 - 121		Recovery = 90.64%				
62) 4-Bromofluorobenzene	11.34	95	544912	48.05	ug/l		-0.01
Spiked Amount 50.000	Range 70 - 131		Recovery = 96.10%				
Target Compounds							Qvalue
5) Bromomethane	1.32	94	6027	Below Cal		#	1
6) Chloroethane	1.47	64	480	Below Cal		#	1
13) Acrolein	1.95	56	926	0.59	ug/l		93
17) Acetone	2.20	43	4563	Below Cal		#	81
31) Tetrahydrofuran	4.04	42	2711	0.36	ug/l	#	71
39) Benzene	4.58	78	413617	10.76	ug/l		94
44) Methylcyclohexane	5.41	83	3284	0.35	ug/l		60
49) 4-Methyl-2-Pentanone	8.22	43	13953	0.58	ug/l	#	51
50) Toluene	7.57	92	56401	2.29	ug/l		94
56) Ethyl Methacrylate	8.56	69	21236	1.03	ug/l	#	62
67) Ethyl Benzene	9.83	106	358184	29.91	ug/l		96
68) m/p-Xylenes	10.06	106	270346	18.56	ug/l		89
69) o-Xylene	10.65	106	275381	19.69	ug/l		96
73) Isopropylbenzene	11.06	105	175363	5.40	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.61	83	4373	0.26	ug/l	#	96
78) n-propylbenzene	11.53	91	77101	2.22	ug/l		97
79) 2-Chlorotoluene	11.65	91	57469	2.74	ug/l	#	44
80) 1,3,5-Trimethylbenzene	11.77	105	182540	8.60	ug/l		95
84) 1,2,4-Trimethylbenzene	12.13	105	605976	27.66	ug/l		99
85) sec-Butylbenzene	12.24	105	7830	0.37	ug/l		92
86) p-Isopropyltoluene	12.37	119	130560	8.02	ug/l		94
89) n-Butylbenzene	12.77	91	23577	1.81	ug/l	#	37
90) Hexachloroethane	12.83	117	4579	1.33	ug/l	#	29
92) 1,2-Dibromo-3-Chloropropan	13.59	75	1663	0.87	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.13	180	2555	4.81	ug/l	#	4
94) Hexachlorobutadiene	14.12	225	1441	1.40	ug/l		85
95) Naphthalene	14.37	128	11437395	1147.56	ug/l	#	78
96) 1,2,3-Trichlorobenzene	14.56	180	15700	14.92	ug/l	#	26

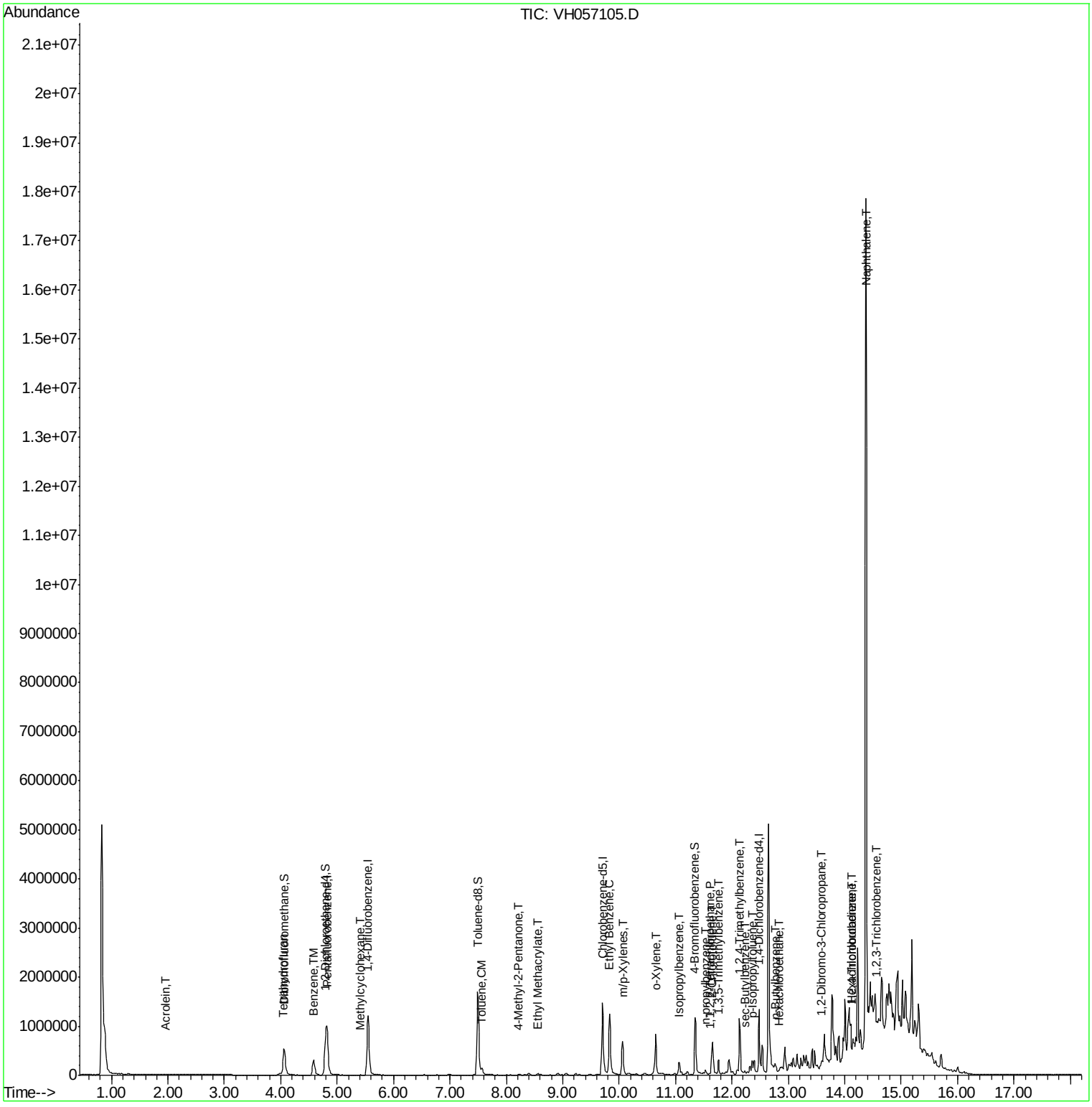
(#) = qualifier out of range (m) = manual integration (+) = signals summed

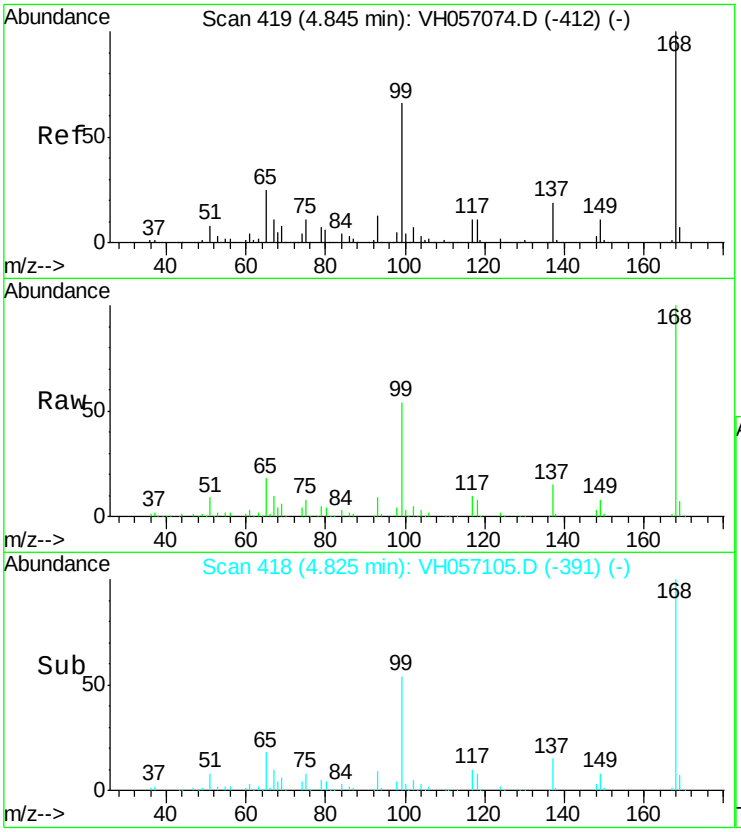
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
Data File : VH057105.D
Acq On : 22 Sep 2015 15:15
Operator : SY/FY
Sample : G3748-04ME 20X
Misc : 12.84g/5mL//100uL/5mL/MSVOA_H/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Quant Time: Sep 23 04:37:40 2015
Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 18 15:34:01 2015
Response via : Initial Calibration



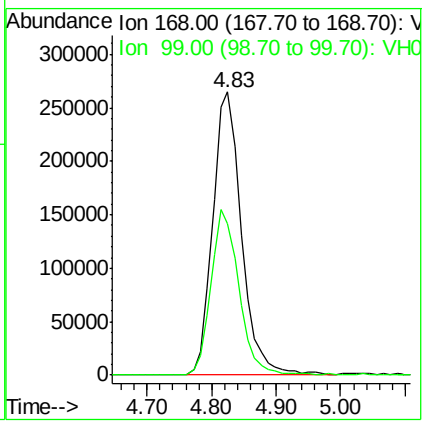


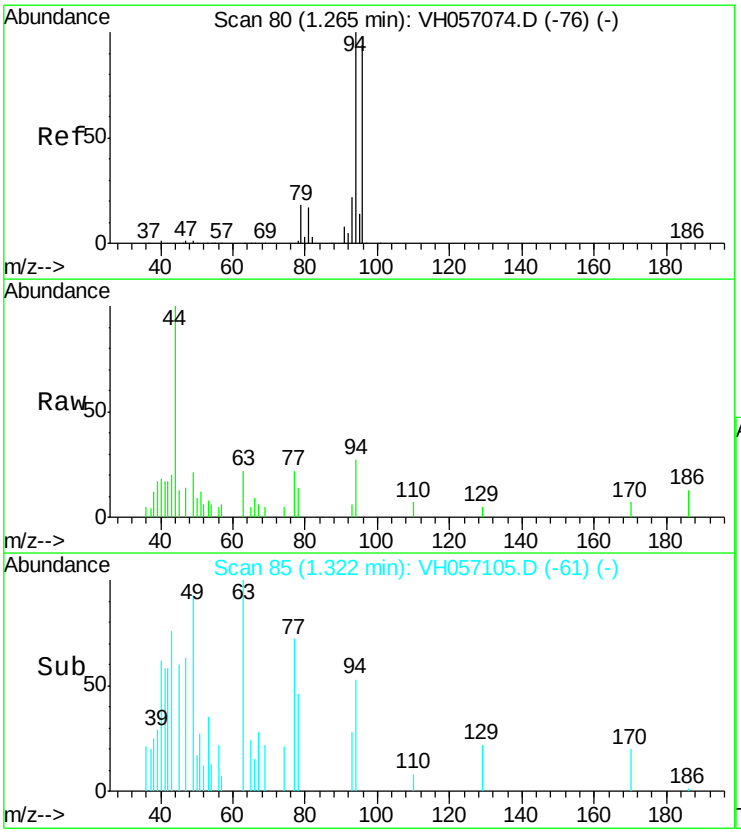
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.83 min Scan# 418
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:168 Resp: 813232

Ion	Ratio	Lower	Upper
168	100		
99	53.6	55.8	83.6#

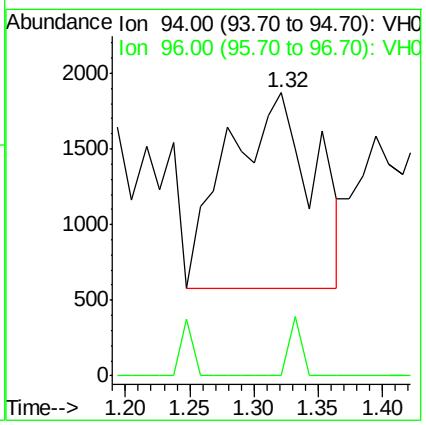


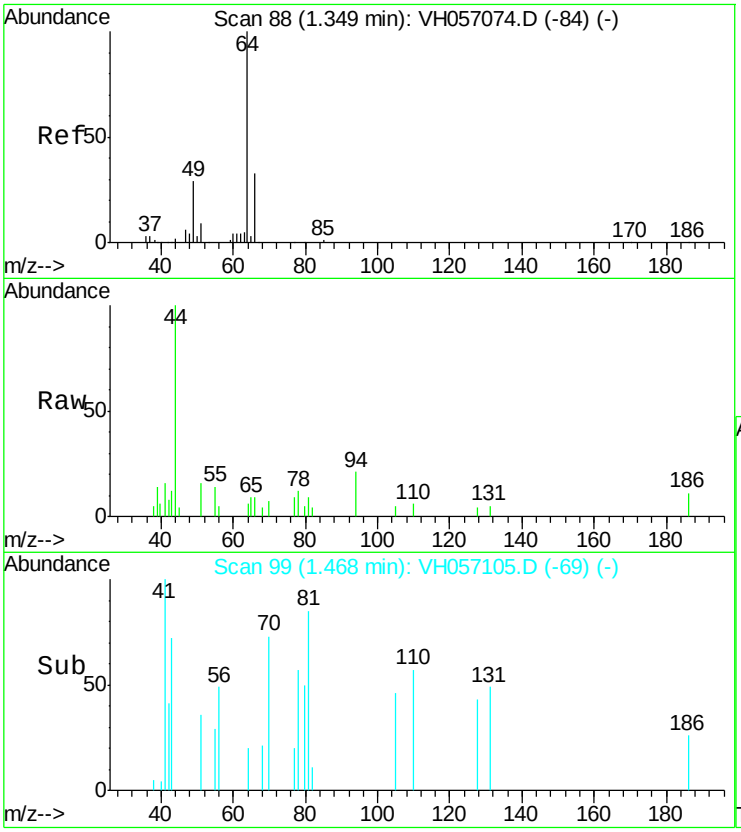


#5
Bromomethane
Concen: Below Cal
RT: 1.32 min Scan# 85
Delta R.T. 0.06 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 94 Resp: 6027

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.5	117.7#



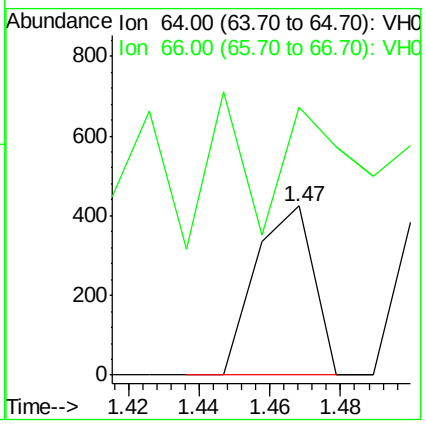


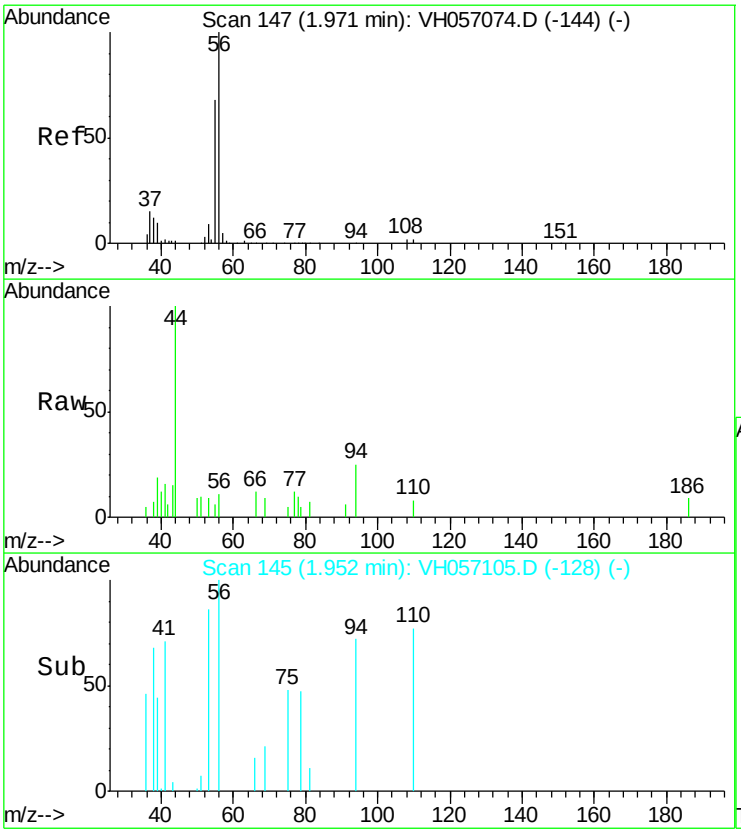
#6
Chloroethane
Concen: Below Cal
RT: 1.47 min Scan# 99
Delta R.T. 0.12 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument : MSVOA_H
ClientSampleId : MGP205-10-12

Tgt Ion: 64 Resp: 480

Ion	Ratio	Lower	Upper
64	100		
66	158.7	25.2	37.8#

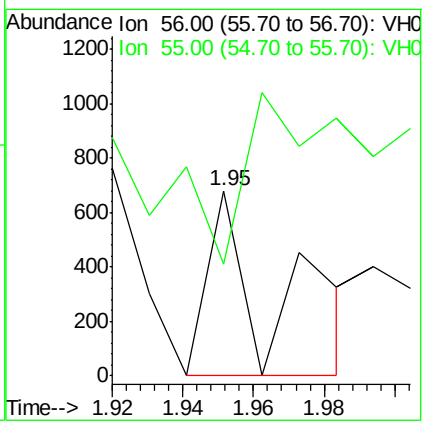


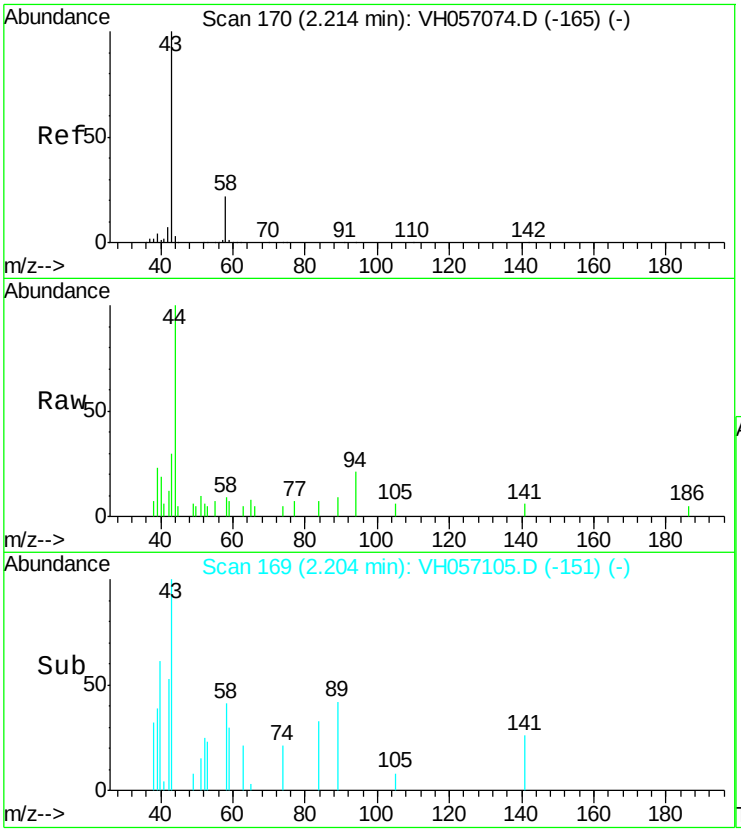


#13
Acrolein
Concen: 0.59 ug/l
RT: 1.95 min Scan# 145
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 56 Resp: 926

Ion	Ratio	Lower	Upper
56	100		
55	60.6	52.9	79.3



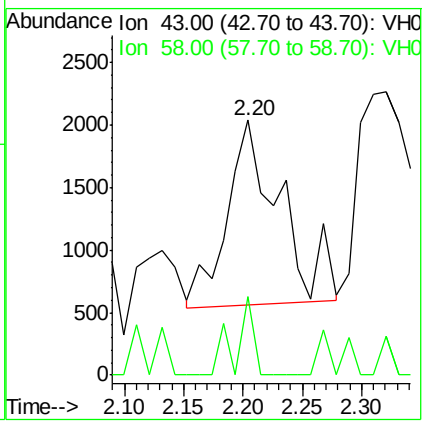


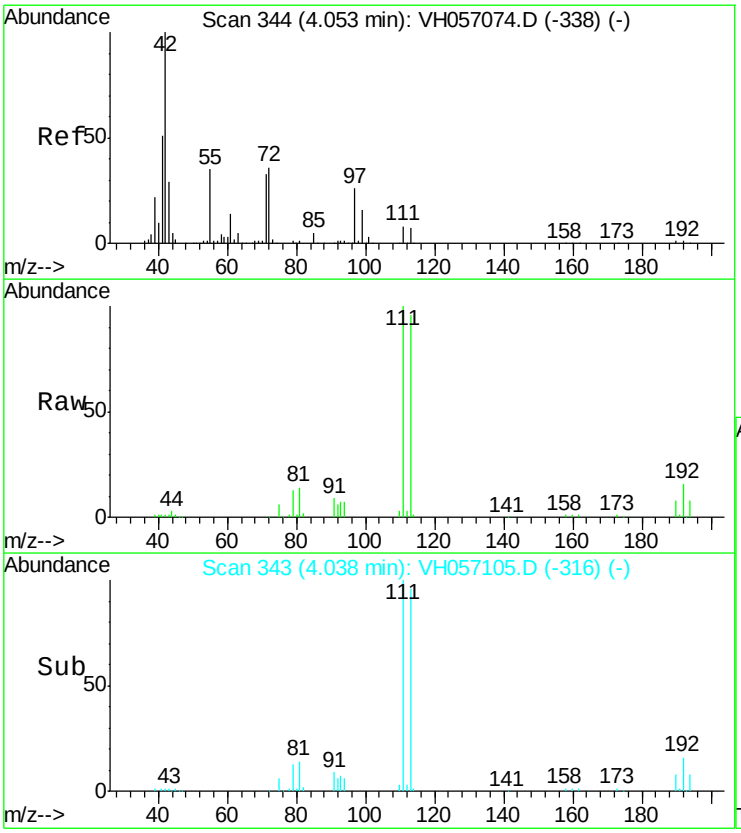
#17
Acetone
Concen: Below Cal
RT: 2.20 min Scan# 169
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion: 43 Resp: 4563

Ion	Ratio	Lower	Upper
43	100		
58	31.0	17.7	26.5#

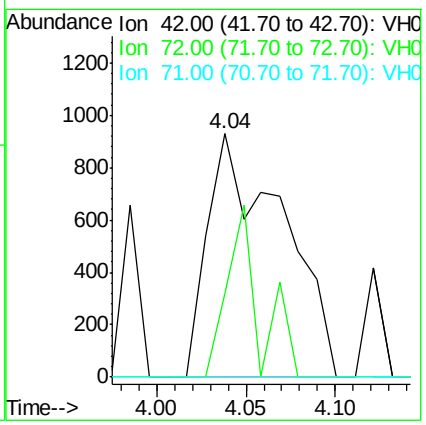


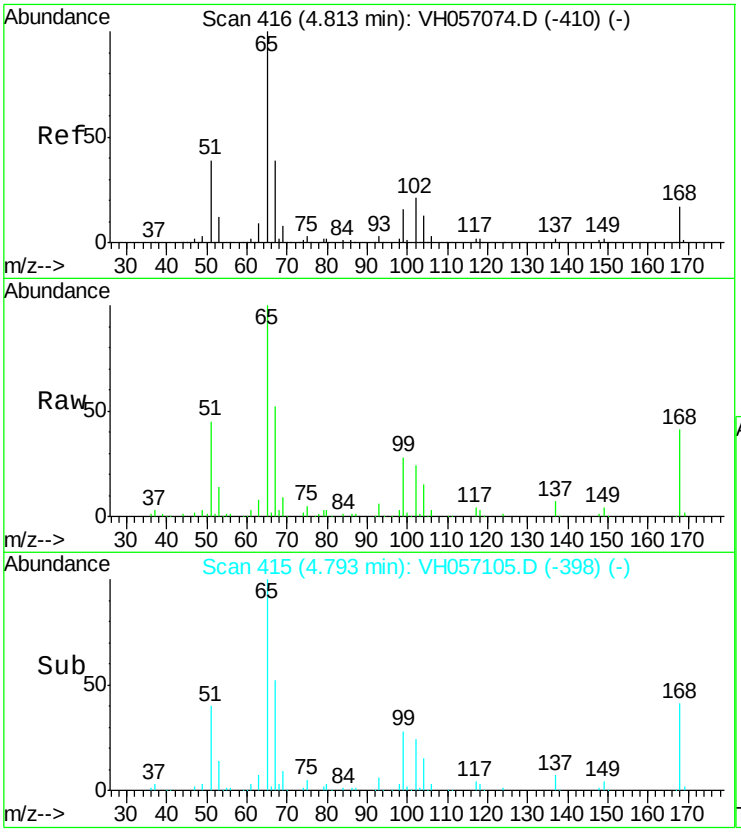


#31
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 4.04 min Scan# 343
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 42 Resp: 2711

Ion	Ratio	Lower	Upper
42	100		
72	30.9	25.5	38.3
71	0.0	25.4	38.0#



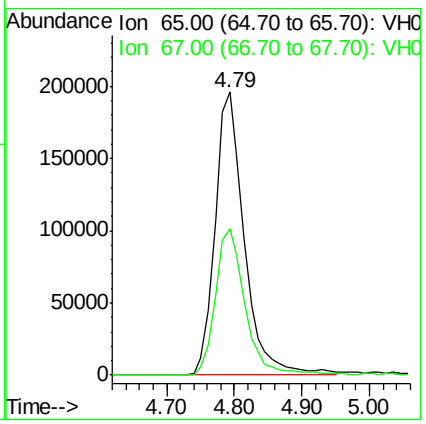


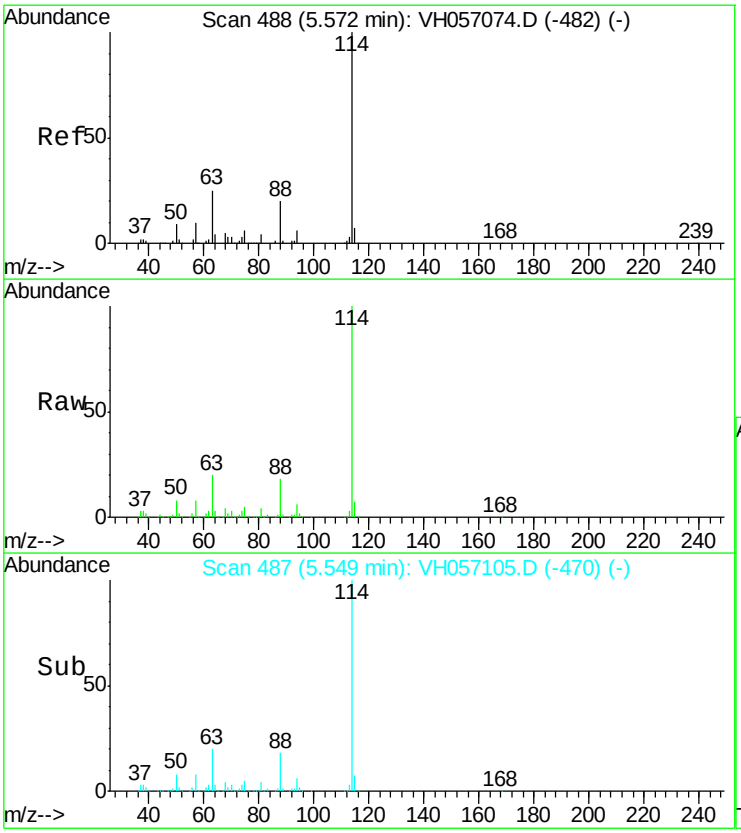
#33
1,2-Dichloroethane-d4
Concen: 40.37 ug/l
RT: 4.79 min Scan# 415
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion: 65 Resp: 586265

Ion	Ratio	Lower	Upper
65	100		
67	51.9	43.2	64.8

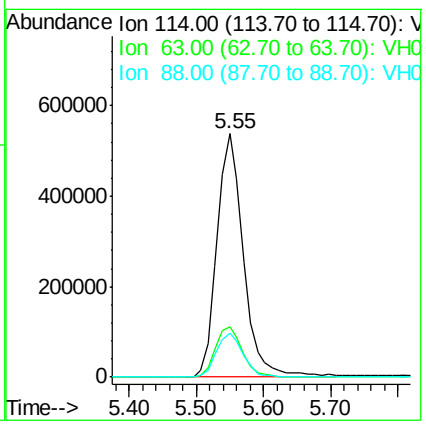


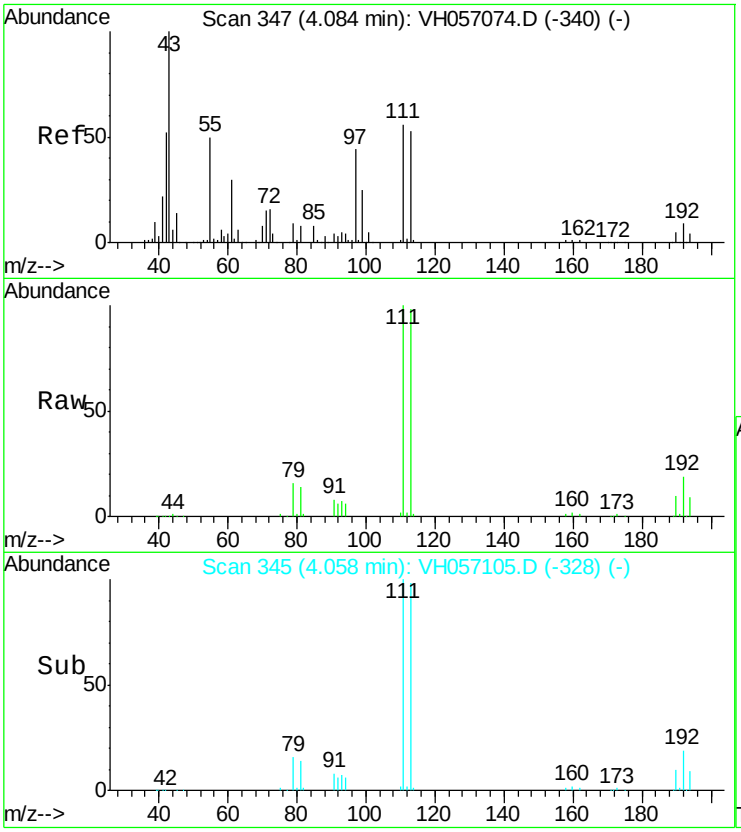


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.55 min Scan# 487
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:114 Resp: 1468840

Ion	Ratio	Lower	Upper
114	100		
63	20.4	19.0	28.4
88	17.8	15.7	23.5



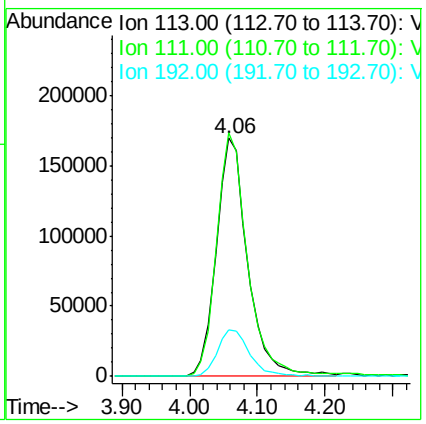


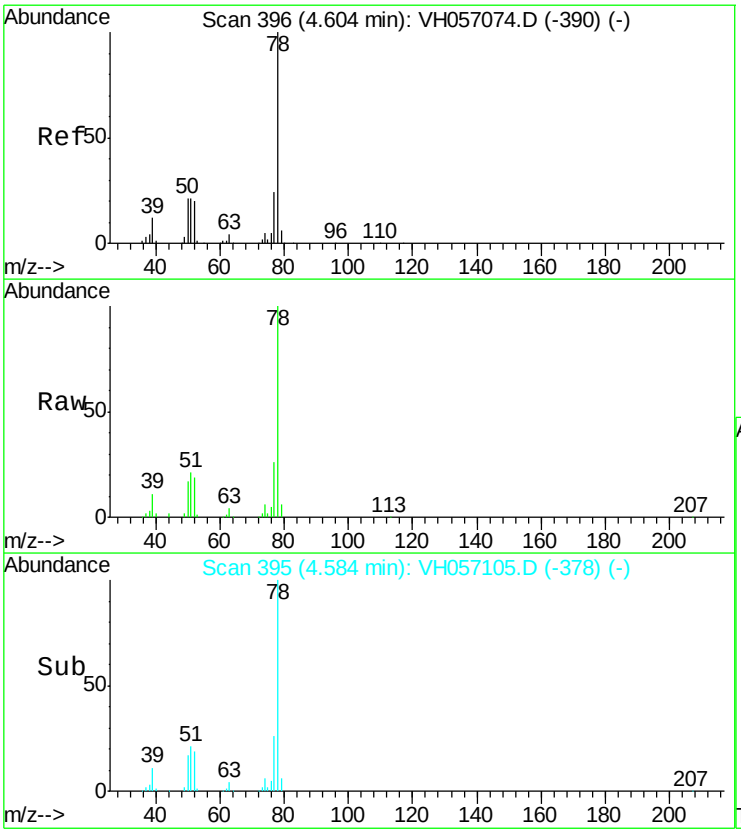
#35
Dibromofluoromethane
Concen: 47.27 ug/l
RT: 4.06 min Scan# 345
Delta R.T. -0.03 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:113 Resp: 552779

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.0	126.0
192	19.6	13.6	20.4

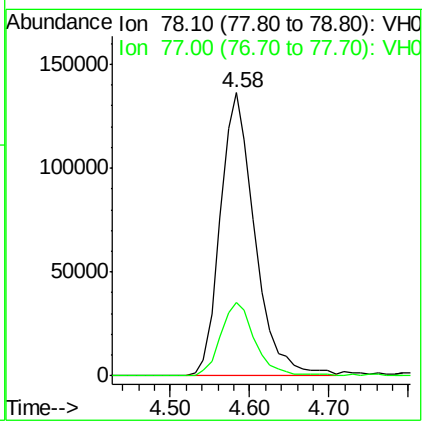


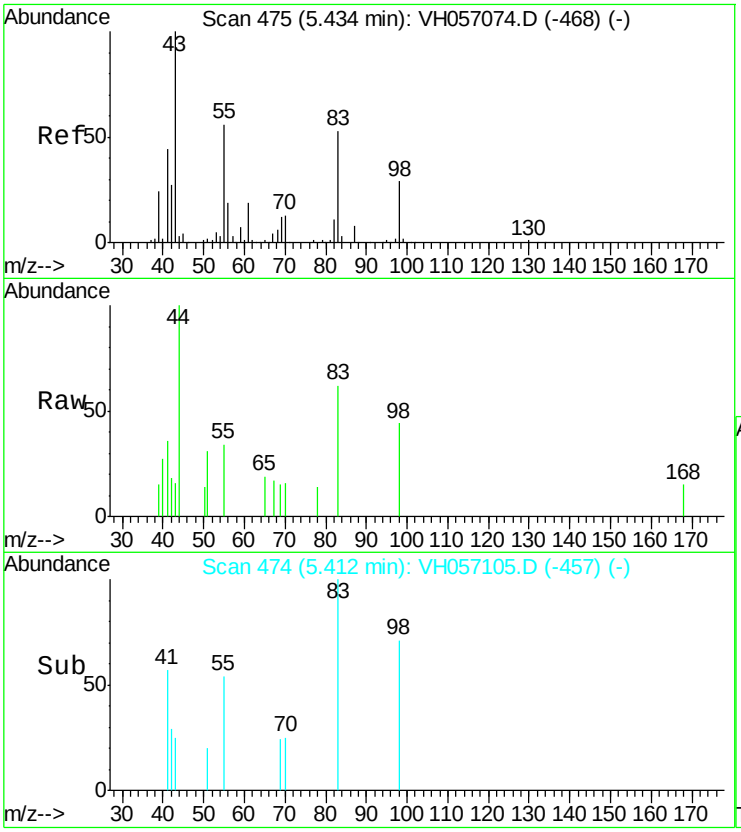


#39
Benzene
Concen: 10.76 ug/l
RT: 4.58 min Scan# 395
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 78 Resp: 413617

Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.5	27.7



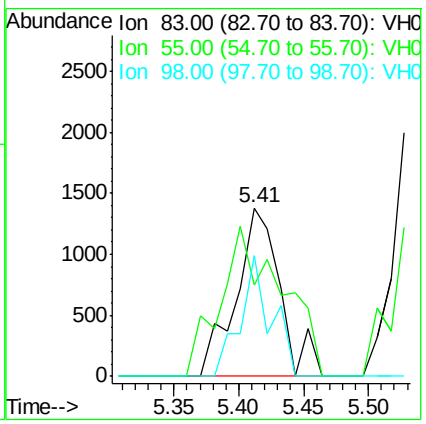


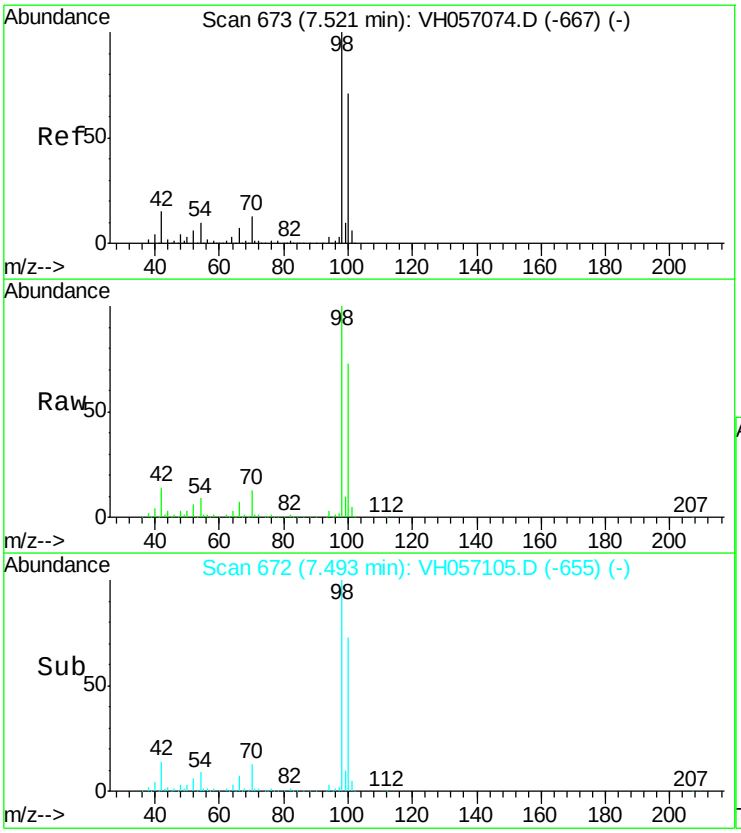
#44
Methylcyclohexane
Concen: 0.35 ug/l
RT: 5.41 min Scan# 474
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion: 83 Resp: 3284

Ion	Ratio	Lower	Upper
83	100		
55	54.3	0.0	207.2
98	71.4	0.0	108.4

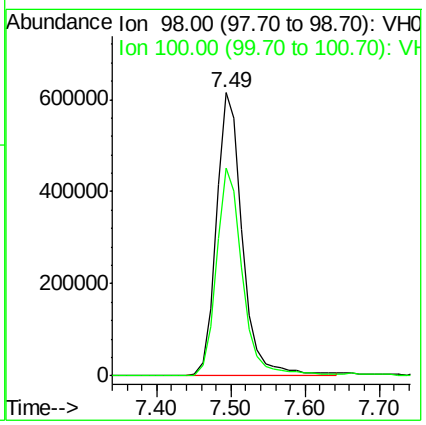


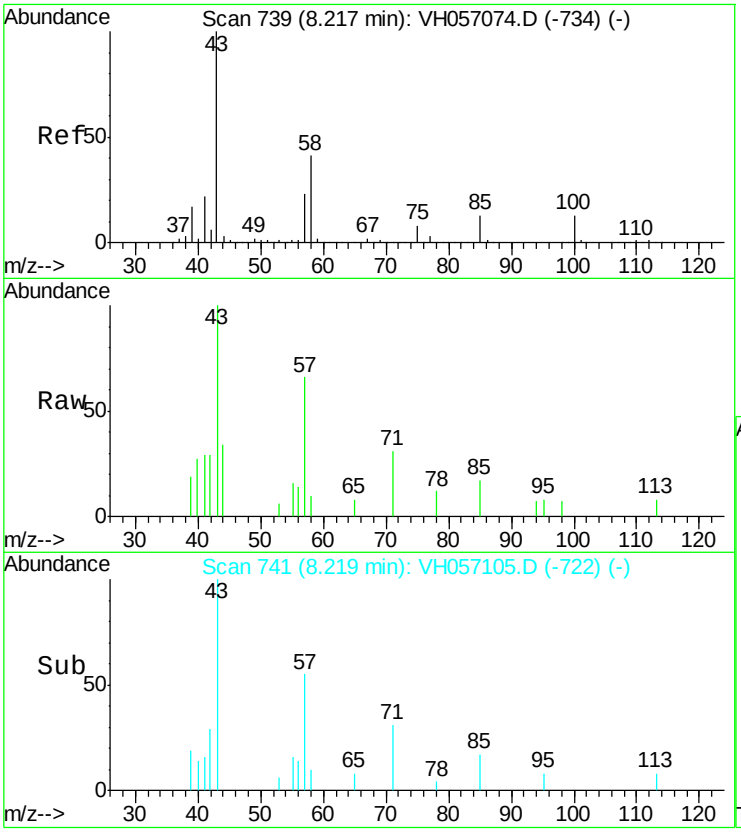


#48
Toluene-d8
Concen: 45.32 ug/l
RT: 7.49 min Scan# 672
Delta R.T. -0.03 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 98 Resp: 1523868

Ion	Ratio	Lower	Upper
98	100		
100	73.4	56.7	85.1



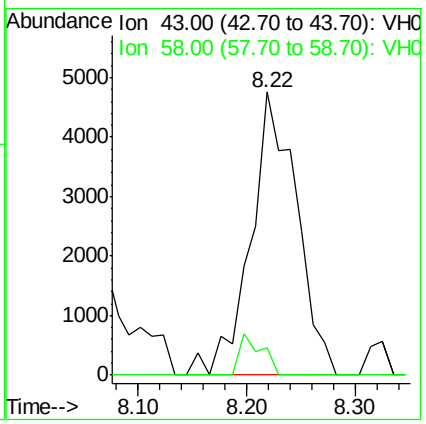


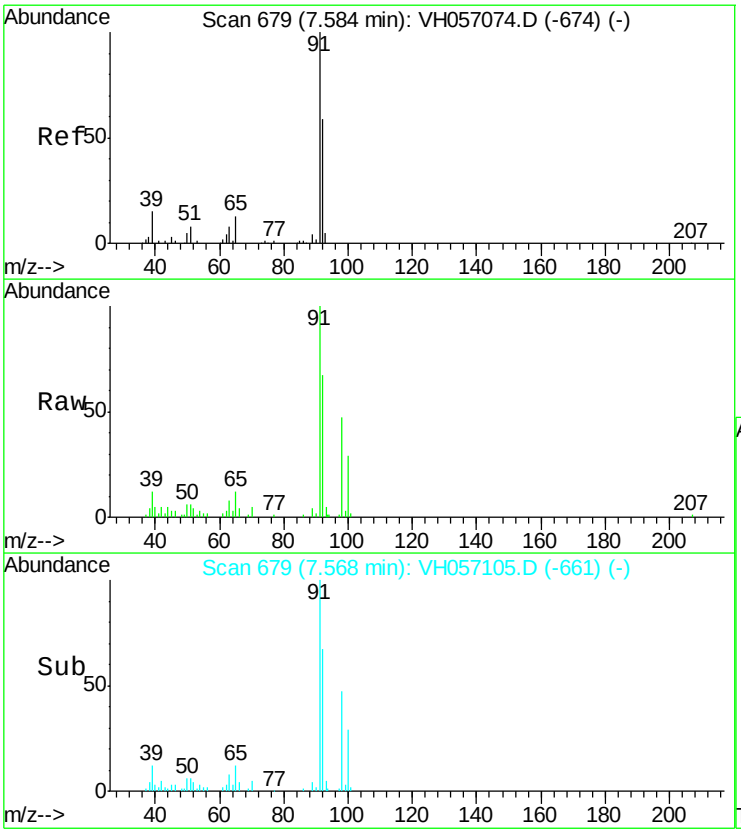
#49
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.22 min Scan# 741
Delta R.T. 0.00 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion: 43 Resp: 13953

Ion	Ratio	Lower	Upper
43	100		
58	9.6	20.0	60.0#

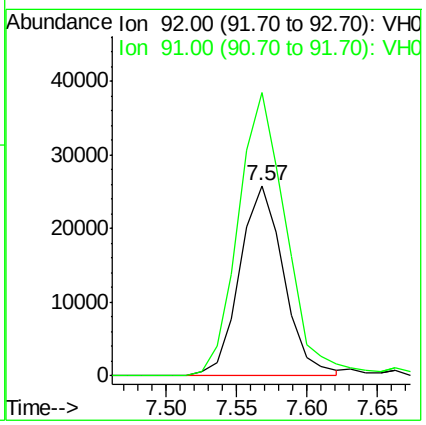


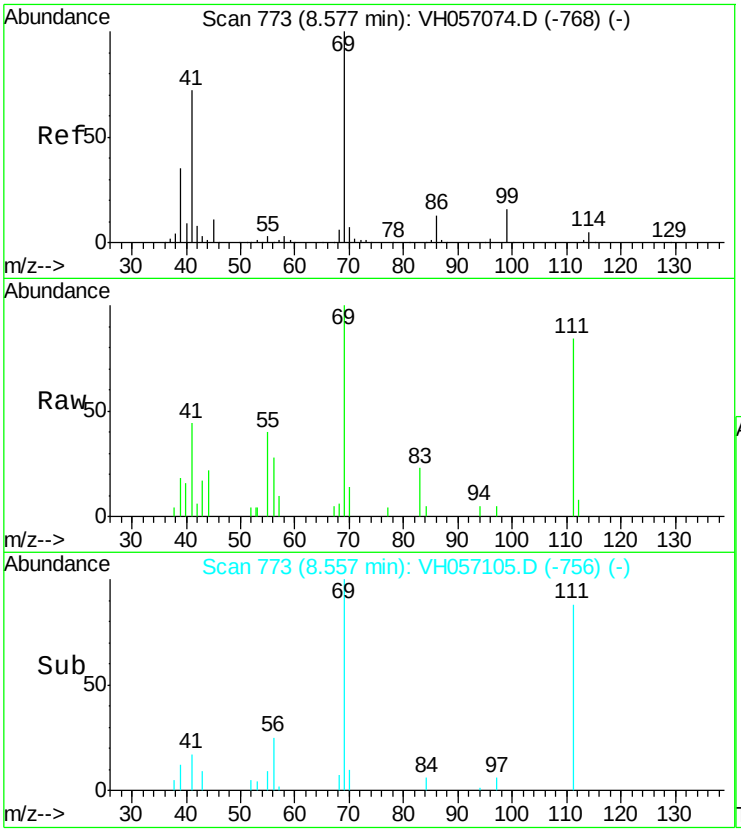


#50
Toluene
Concen: 2.29 ug/l
RT: 7.57 min Scan# 679
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 92 Resp: 56401

Ion	Ratio	Lower	Upper
92	100		
91	148.8	125.8	188.6



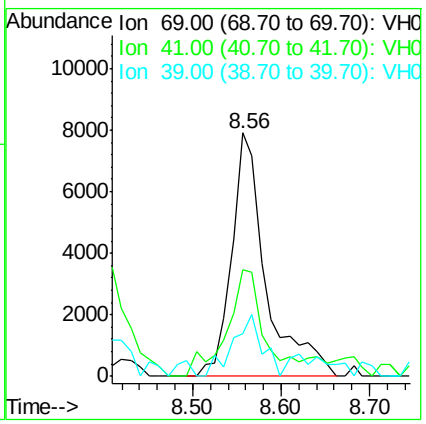


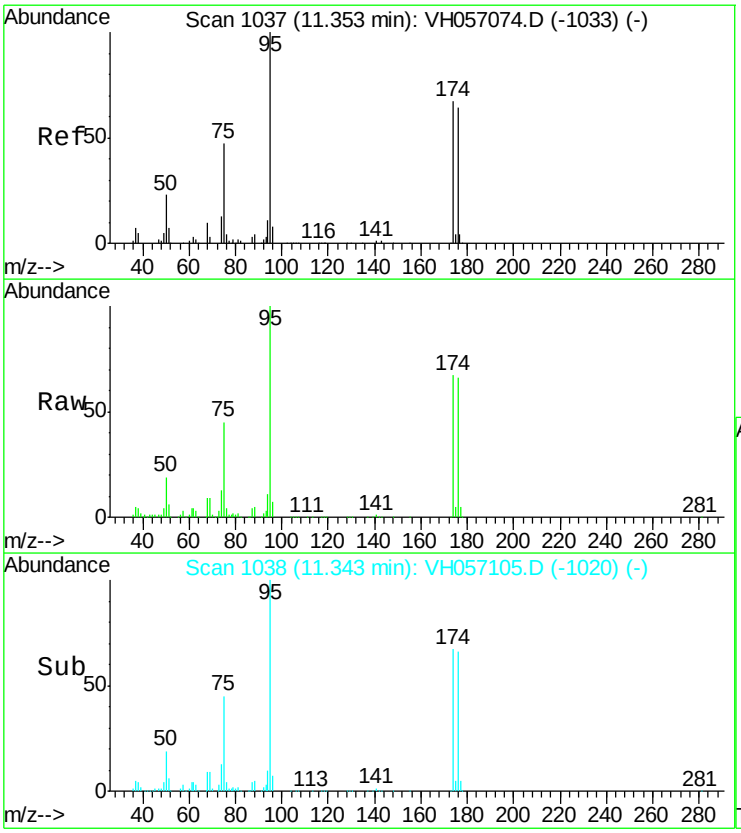
#56
Ethyl Methacrylate
Concen: 1.03 ug/l
RT: 8.56 min Scan# 773
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion: 69 Resp: 21236

Ion	Ratio	Lower	Upper
69	100		
41	44.0	39.1	117.3
39	17.5	19.2	57.6#

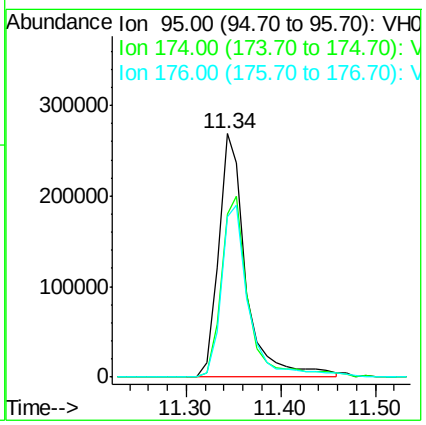


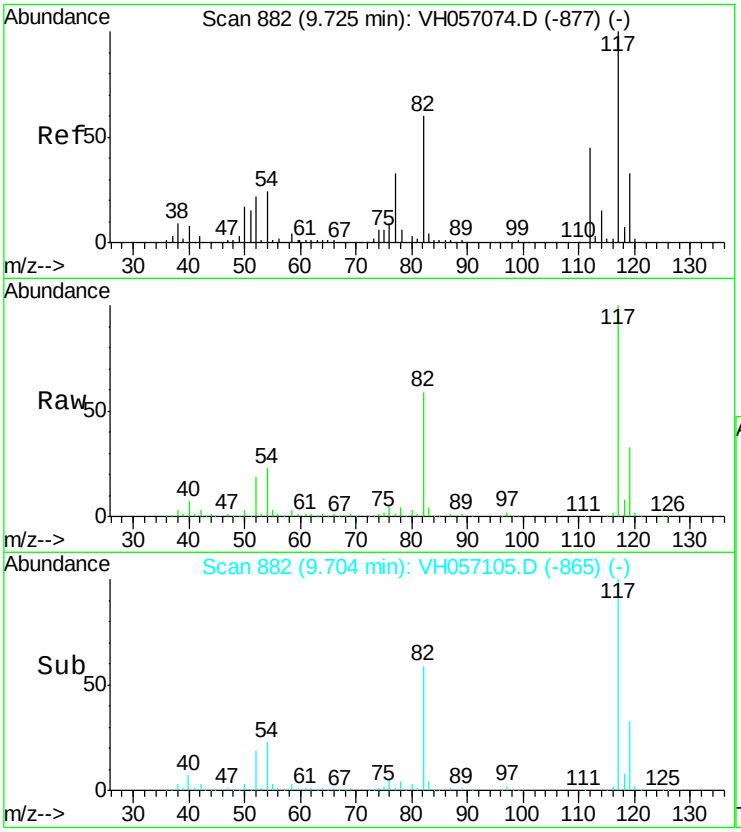


#62
4-Bromofluorobenzene
Concen: 48.05 ug/l
RT: 11.34 min Scan# 1038
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 95 Resp: 544912

Ion	Ratio	Lower	Upper
95	100		
174	67.0	58.4	87.6
176	65.9	54.3	81.5



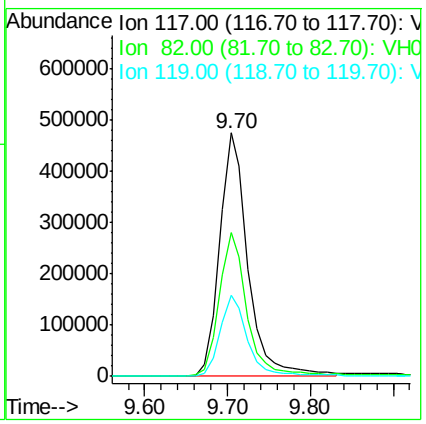


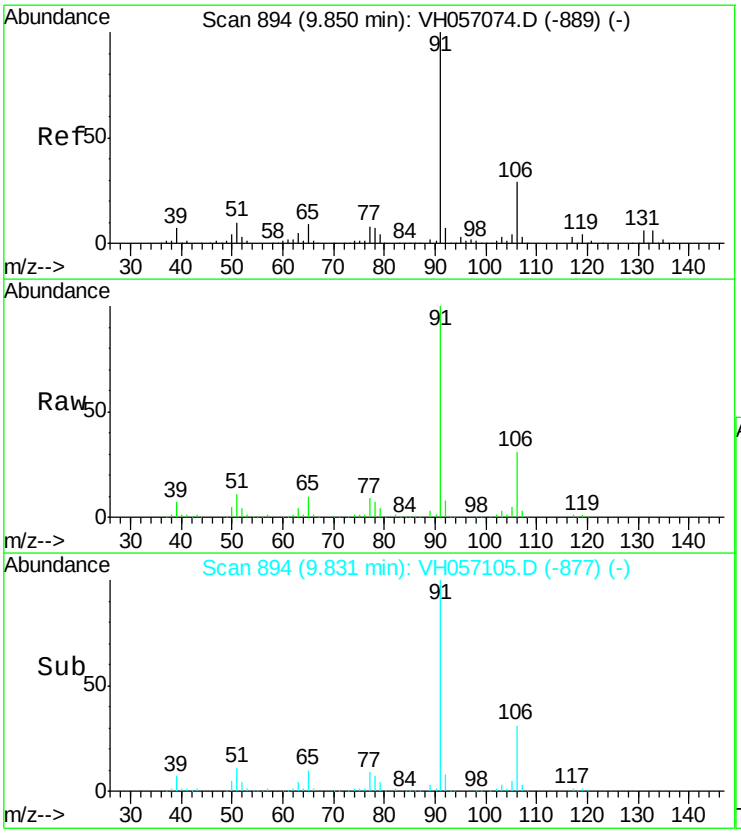
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.70 min Scan# 882
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:117 Resp: 1149758

Ion	Ratio	Lower	Upper
117	100		
82	59.0	51.0	76.6
119	33.4	26.7	40.1

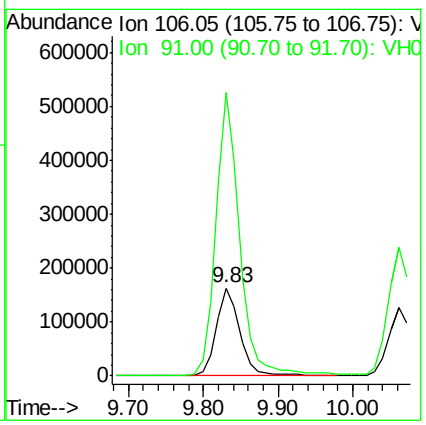


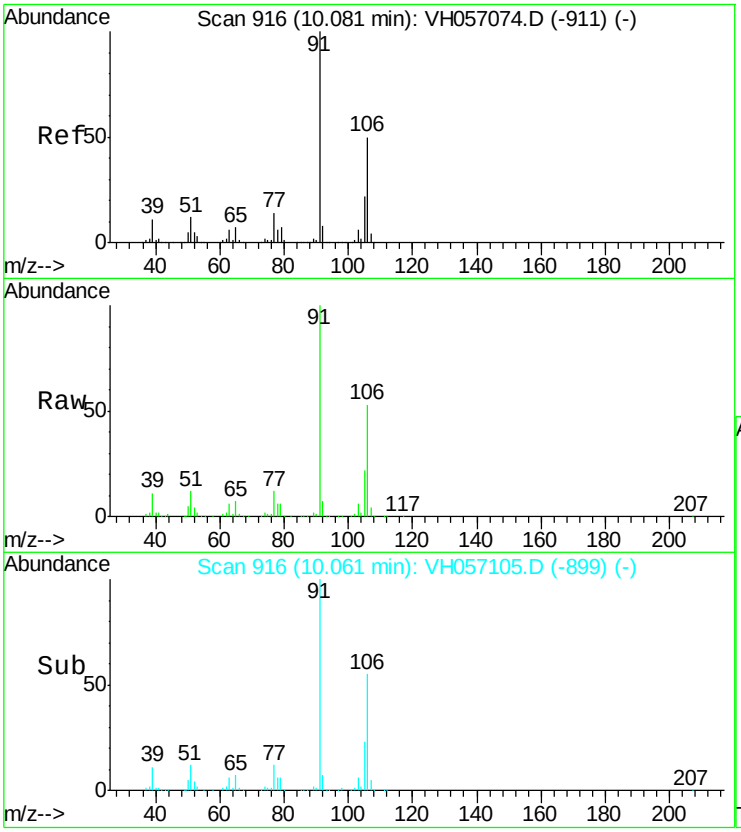


#67
Ethyl Benzene
Concen: 29.91 ug/l
RT: 9.83 min Scan# 894
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:106 Resp: 358184

Ion	Ratio	Lower	Upper
106	100		
91	322.3	264.9	397.3



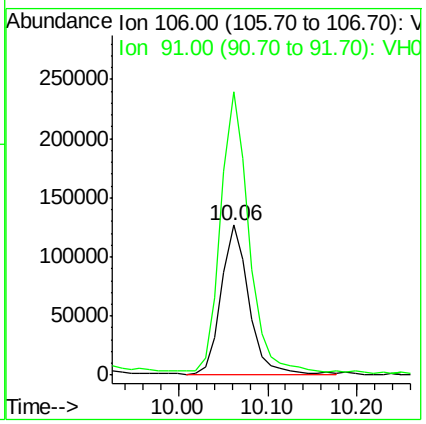


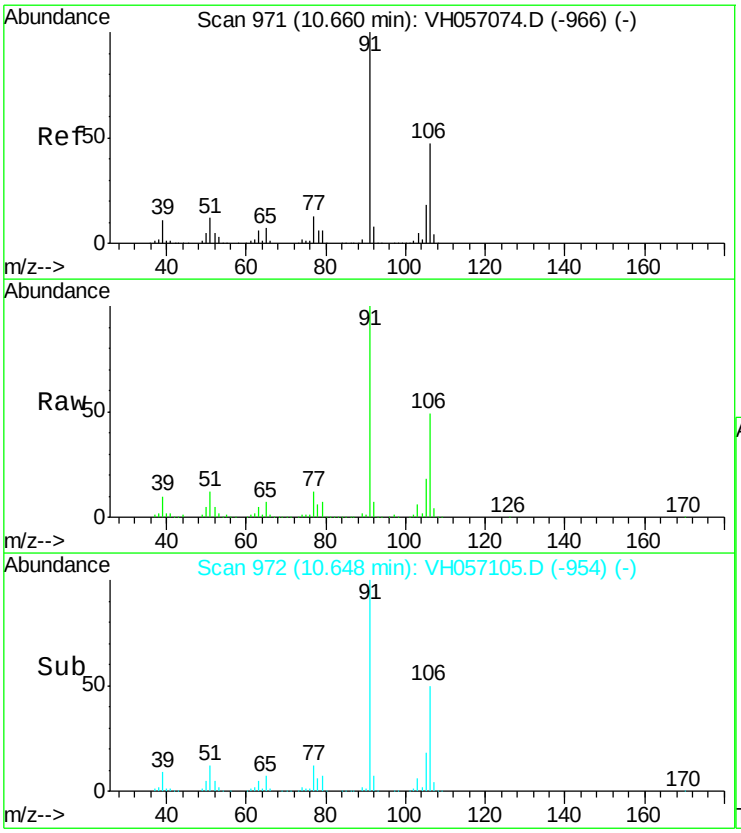
#68
m/p-Xylenes
Concen: 18.56 ug/l
RT: 10.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:106 Resp: 270346

Ion	Ratio	Lower	Upper
106	100		
91	189.0	164.4	246.6

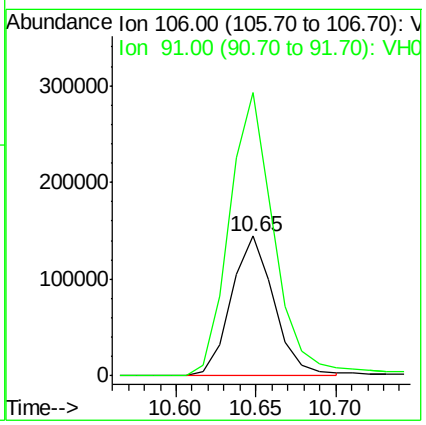


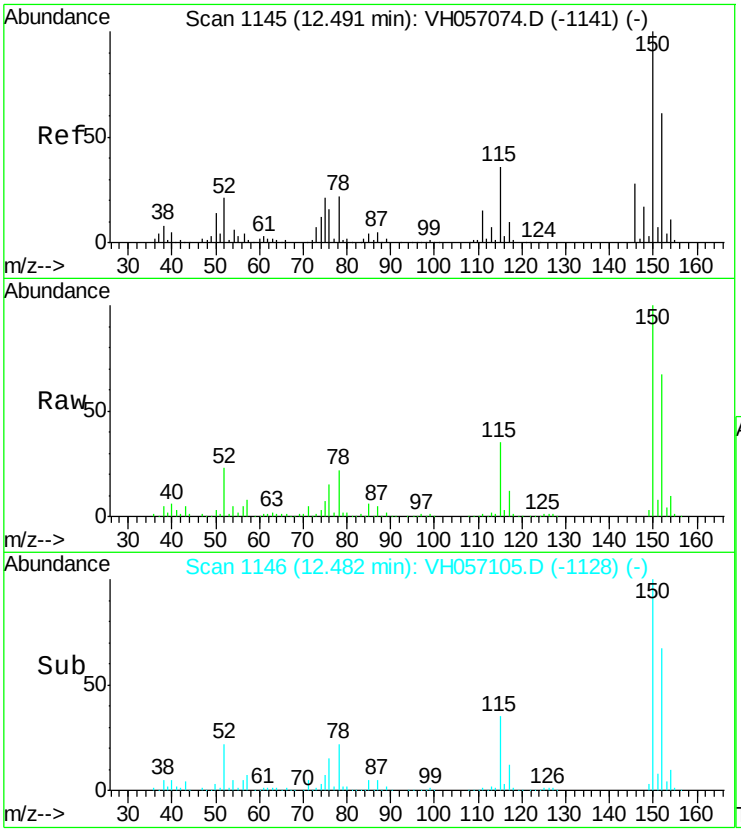


#69
o-Xylene
Concen: 19.69 ug/l
RT: 10.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:106 Resp: 275381

Ion	Ratio	Lower	Upper
106	100		
91	202.3	104.2	312.6



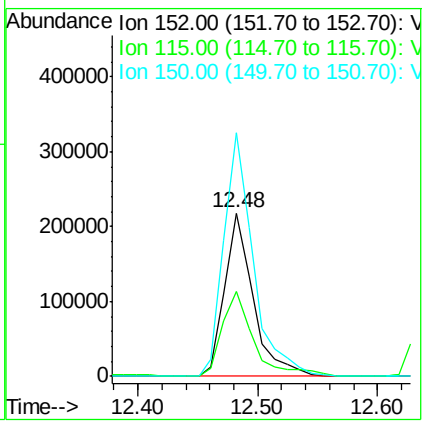


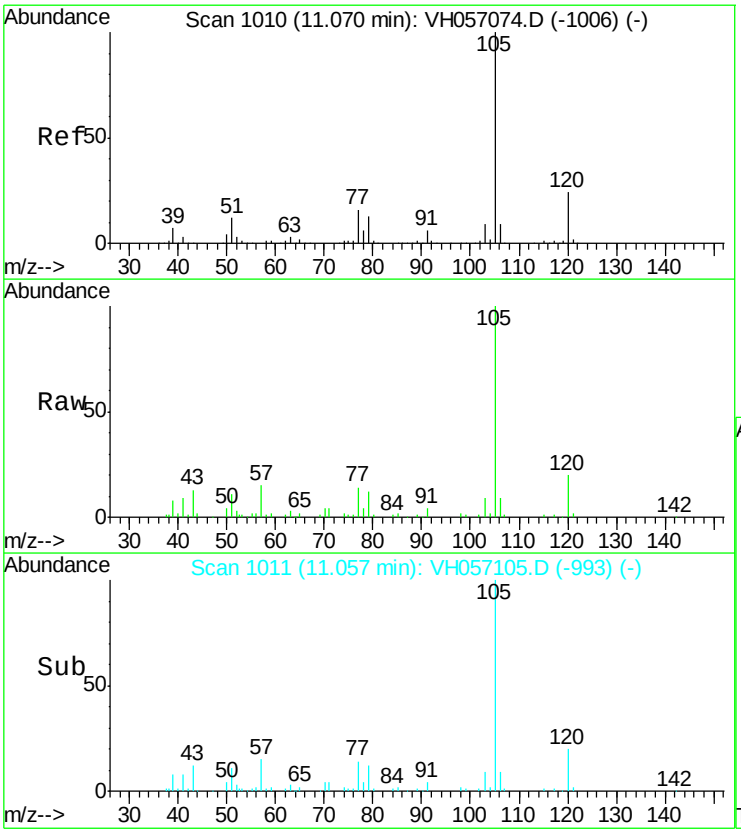
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1146
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:152 Resp: 355714

Ion	Ratio	Lower	Upper
152	100		
115	52.0	28.2	84.6
150	148.9	0.0	332.0

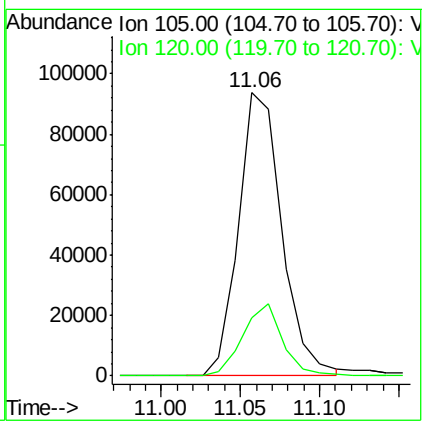


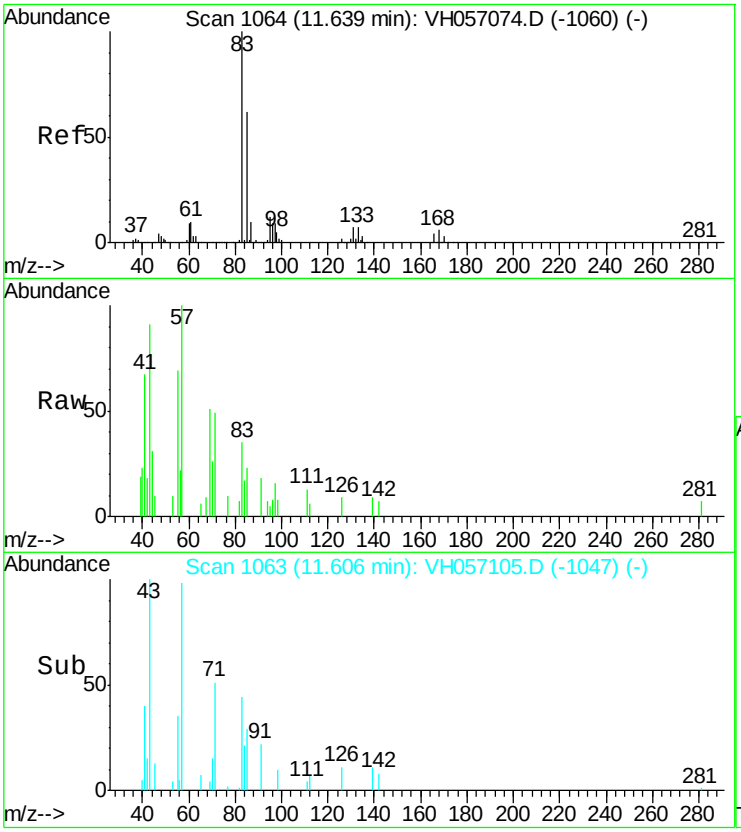


#73
Isopropylbenzene
Concen: 5.40 ug/l
RT: 11.06 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:105 Resp: 175363

Ion	Ratio	Lower	Upper
105	100		
120	20.5	12.2	36.4



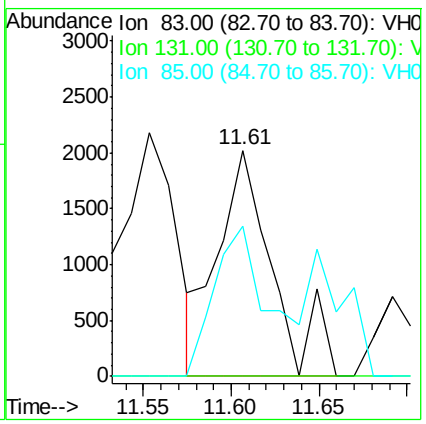


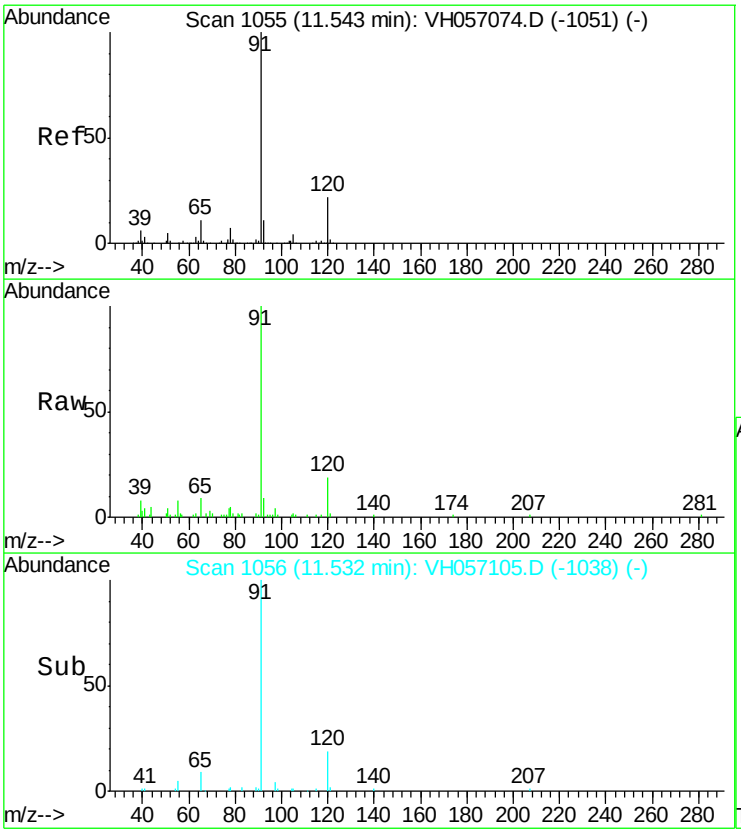
#75
1,1,2,2-Tetrachloroethane
Concen: 0.26 ug/l
RT: 11.61 min Scan# 1063
Delta R.T. -0.03 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument : MSVOA_H
ClientSampleId : MGP205-10-12

Tgt Ion: 83 Resp: 4373

Ion	Ratio	Lower	Upper
83	100		
131	0.0	3.1	9.3#
85	66.5	32.3	96.8

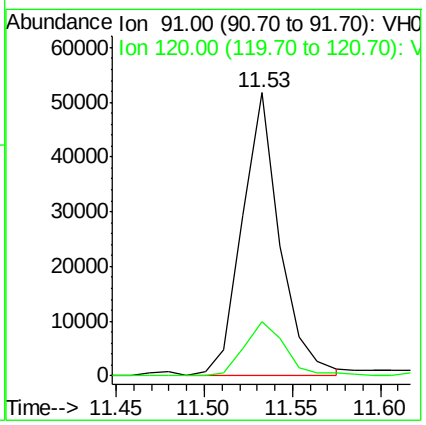


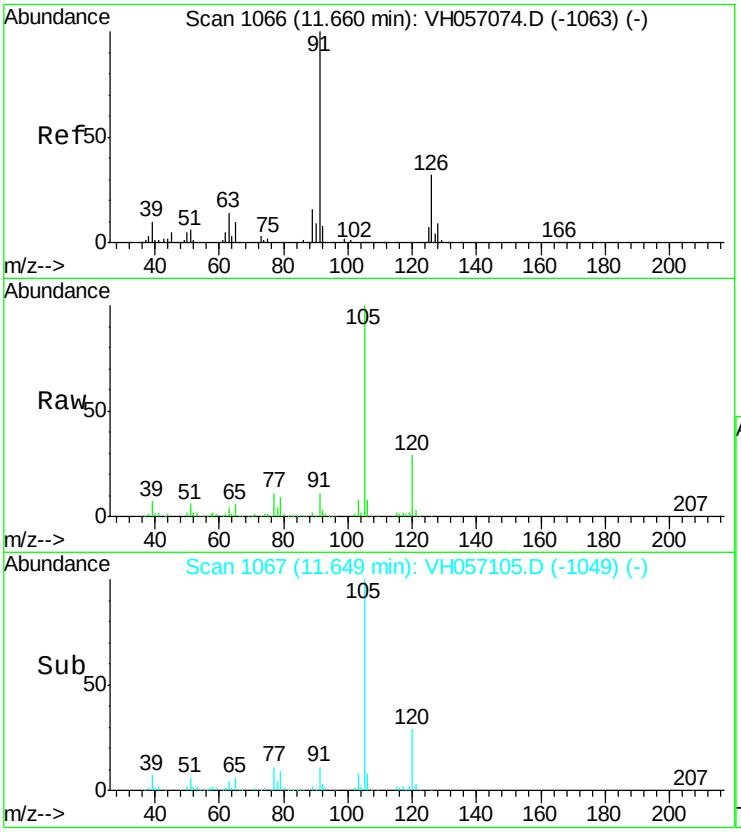


#78
n-propylbenzene
Concen: 2.22 ug/l
RT: 11.53 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 91 Resp: 77101

Ion	Ratio	Lower	Upper
91	100		
120	19.1	10.2	30.6



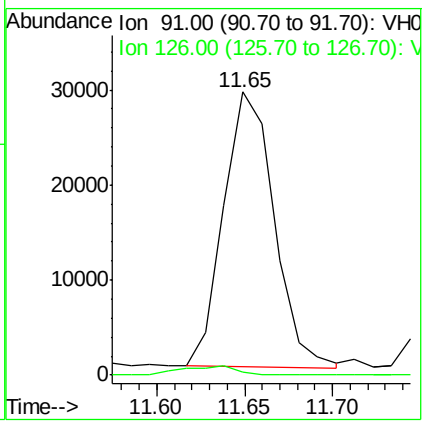


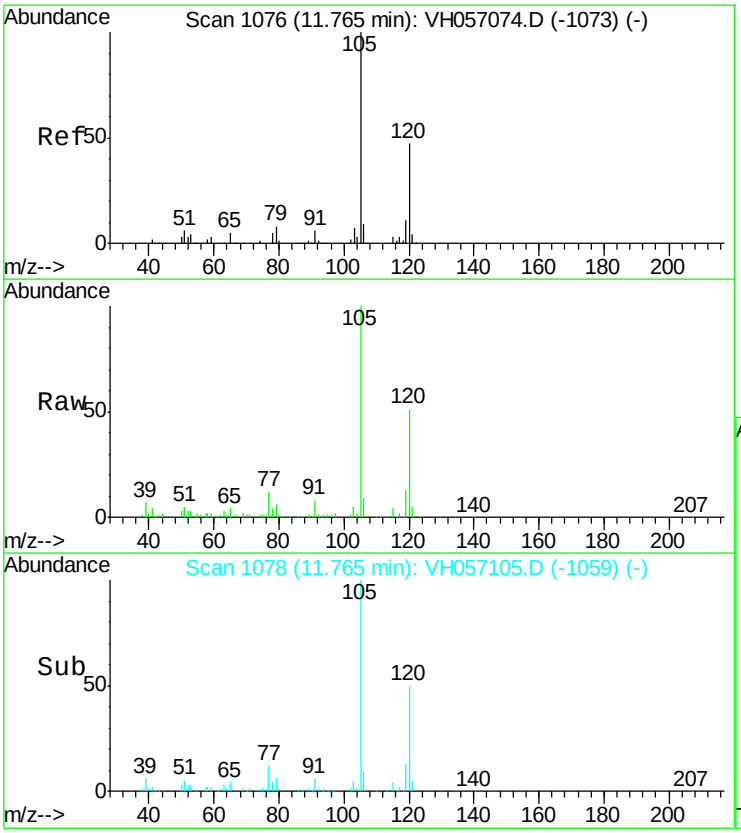
#79
2-Chlorotoluene
Concen: 2.74 ug/l
RT: 11.65 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument : MSVOA_H
ClientSampleId : MGP205-10-12

Tgt Ion: 91 Resp: 57469

Ion	Ratio	Lower	Upper
91	100		
126	1.2	16.3	48.9#

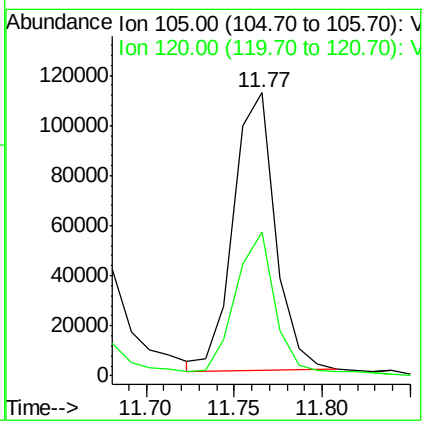


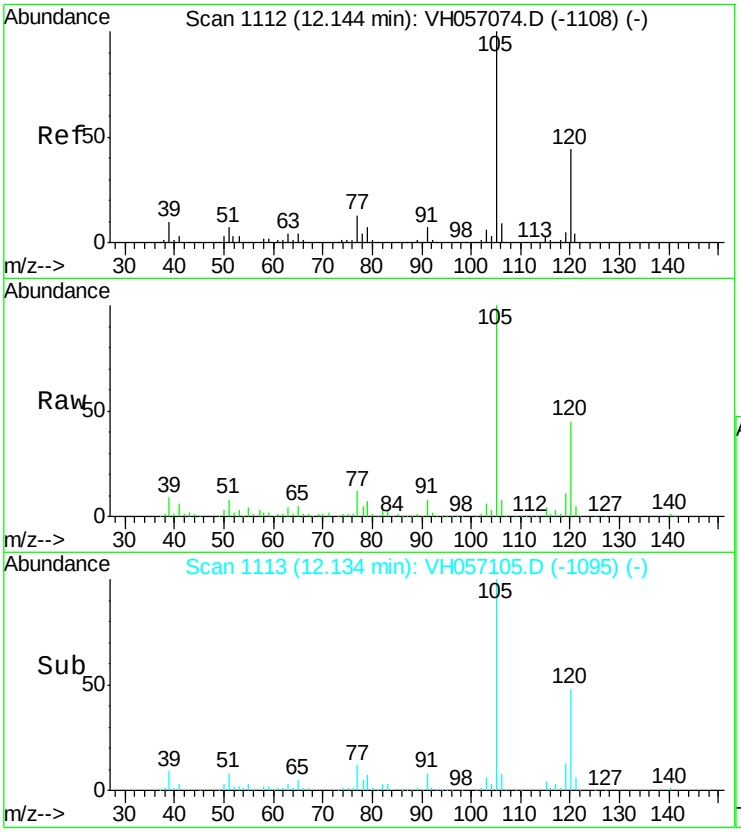


#80
1,3,5-Trimethylbenzene
Concen: 8.60 ug/l
RT: 11.77 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:105 Resp: 182540

Ion	Ratio	Lower	Upper
105	100		
120	50.6	23.6	71.0



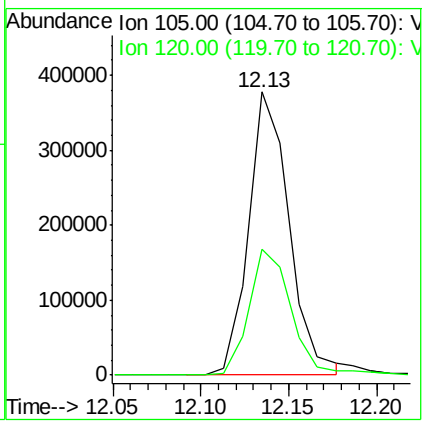


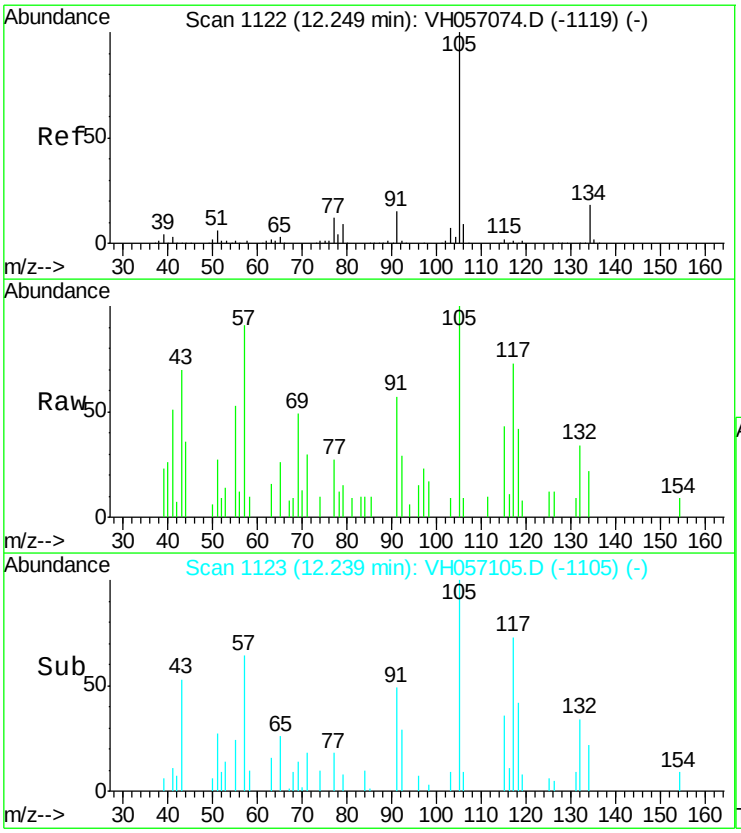
#84
1,2,4-Trimethylbenzene
Concen: 27.66 ug/l
RT: 12.13 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument : MSVOA_H
ClientSampleId : MGP205-10-12

Tgt Ion:105 Resp: 605976

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.6	67.7

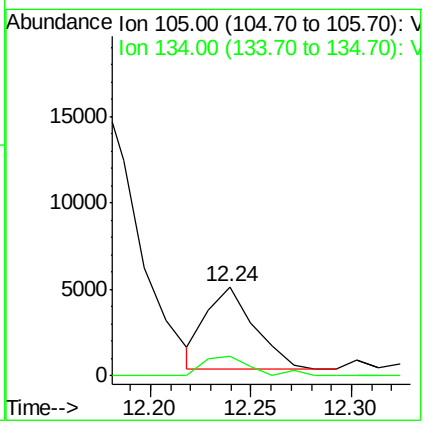


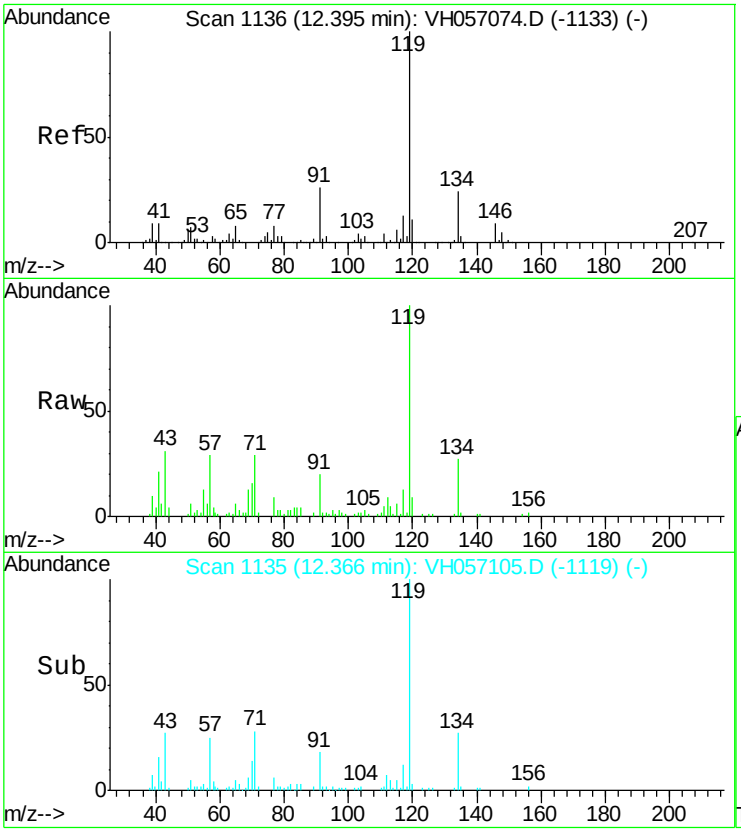


#85
sec-Butylbenzene
Concen: 0.37 ug/l
RT: 12.24 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:105 Resp: 7830

Ion	Ratio	Lower	Upper
105	100		
134	21.8	9.1	27.3



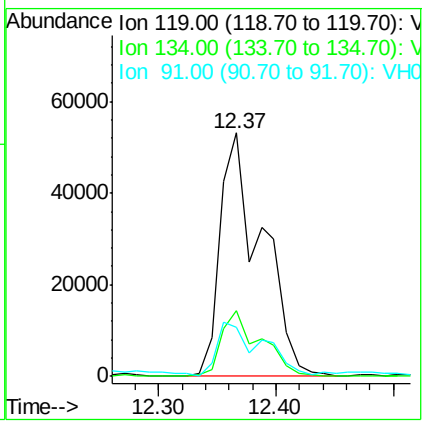


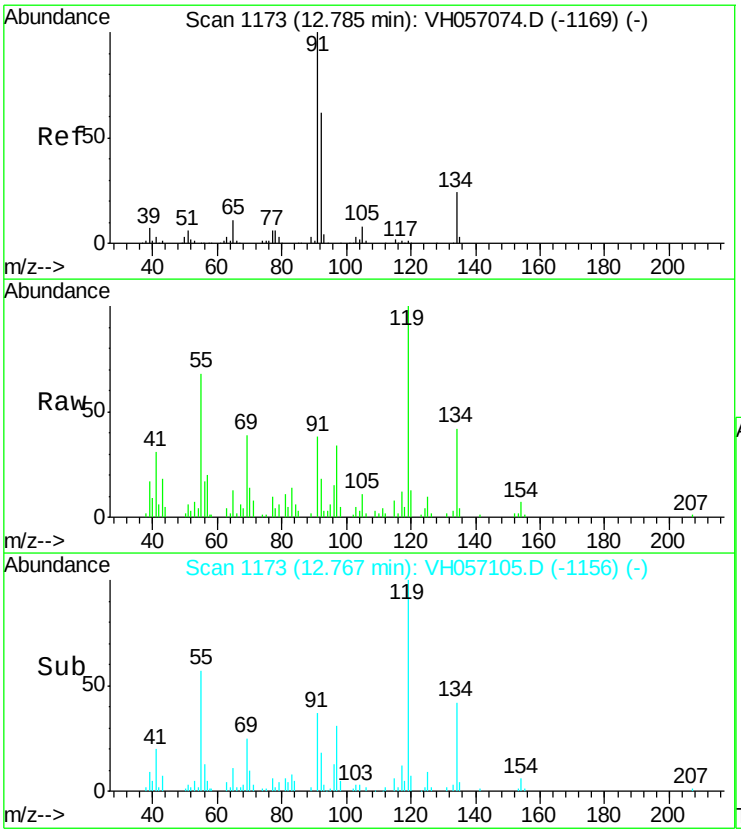
#86
p-Isopropyltoluene
Concen: 8.02 ug/l
RT: 12.37 min Scan# 1135
Delta R.T. -0.03 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:119 Resp: 130560

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.0	38.9
91	20.2	12.5	37.5

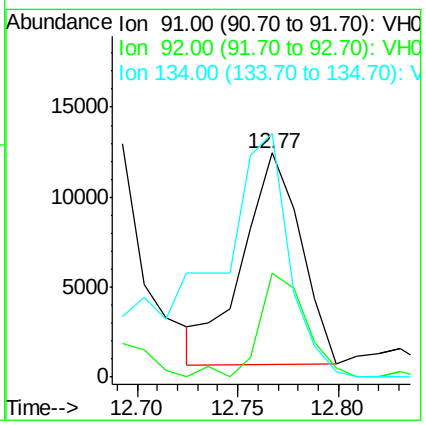


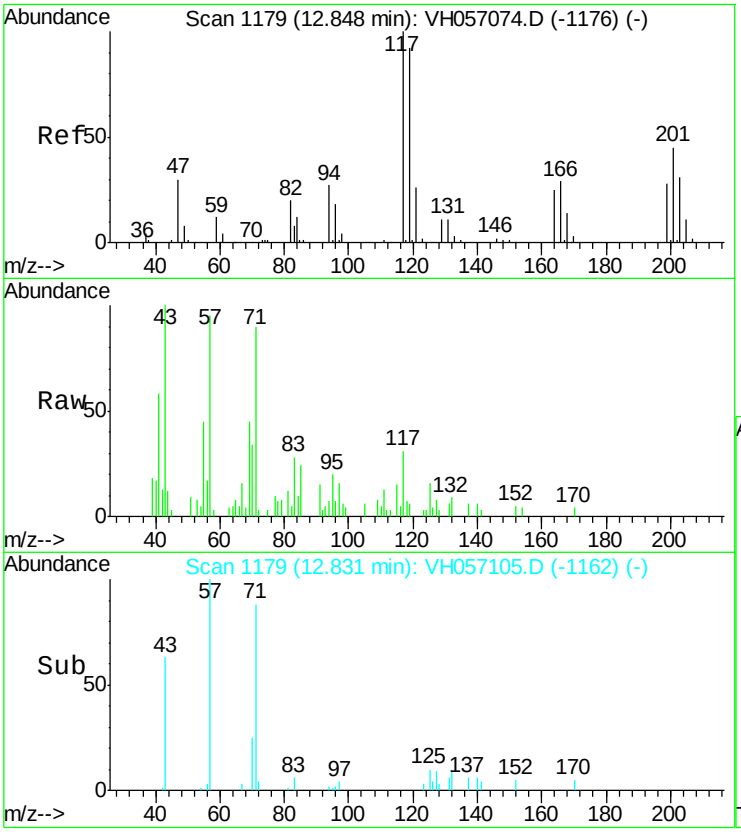


#89
n-Butylbenzene
Concen: 1.81 ug/l
RT: 12.77 min Scan# 1173
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 91 Resp: 23577

Ion	Ratio	Lower	Upper
91	100		
92	46.2	31.3	93.9
134	108.6	10.5	31.6#



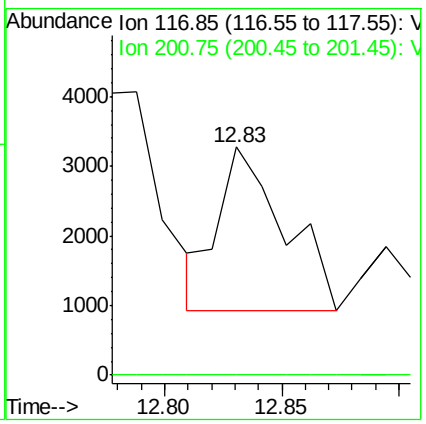


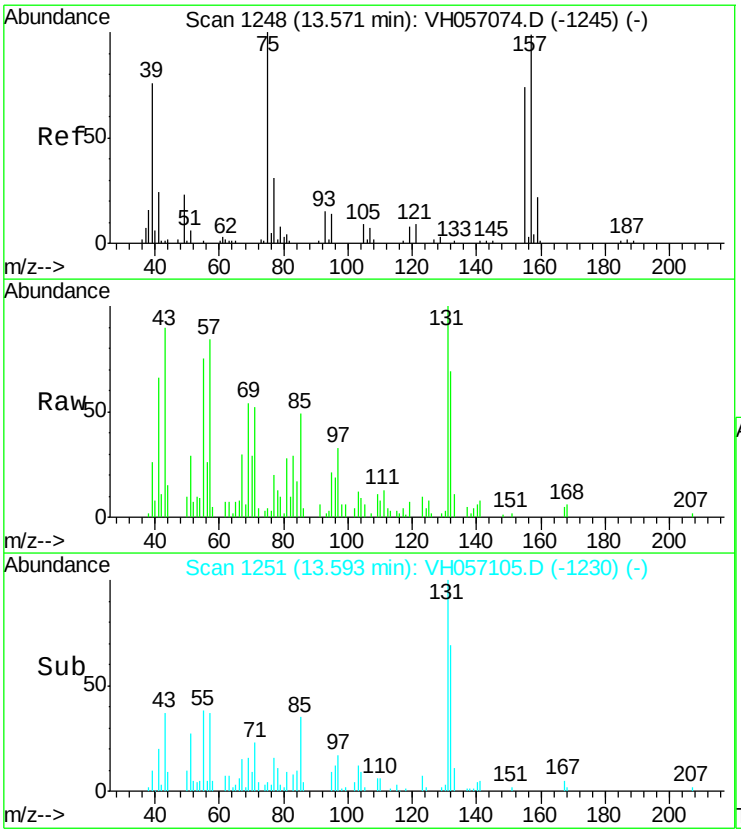
#90
Hexachloroethane
Concen: 1.33 ug/l
RT: 12.83 min Scan# 1179
Delta R.T. -0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:117 Resp: 4579

Ion	Ratio	Lower	Upper
117	100		
201	0.0	14.0	80.8#

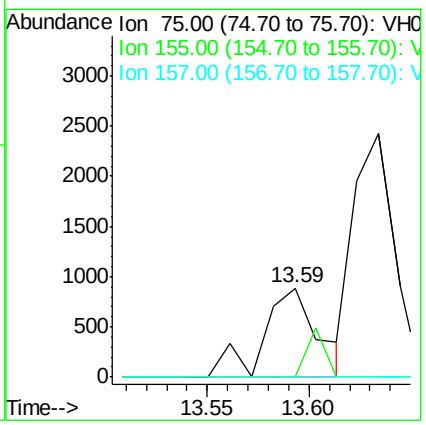


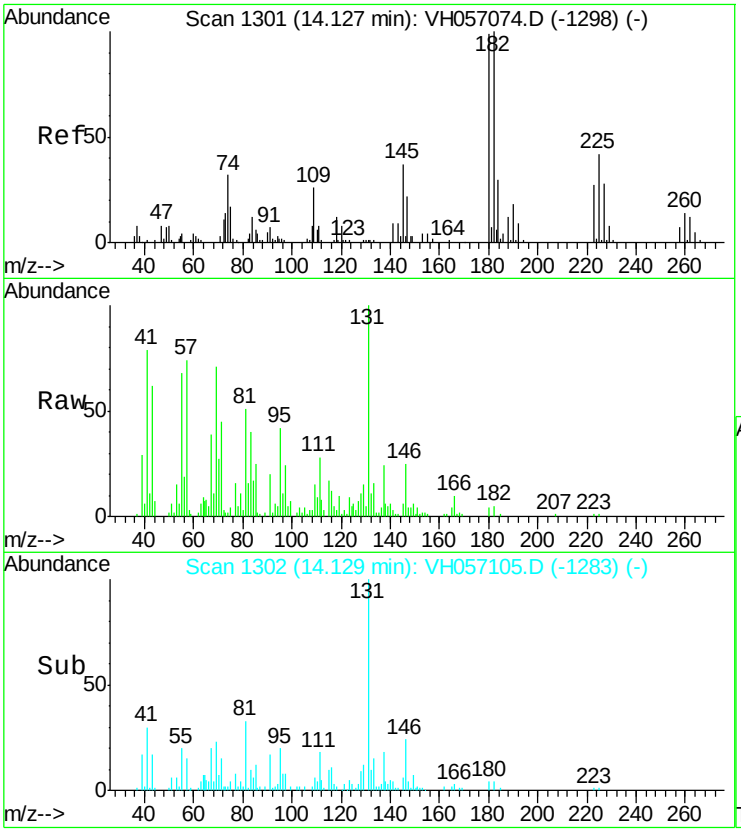


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.87 ug/l
RT: 13.59 min Scan# 1251
Delta R.T. 0.02 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion: 75 Resp: 1663

Ion	Ratio	Lower	Upper
75	100		
155	0.0	43.4	130.2#
157	0.0	62.8	188.4#



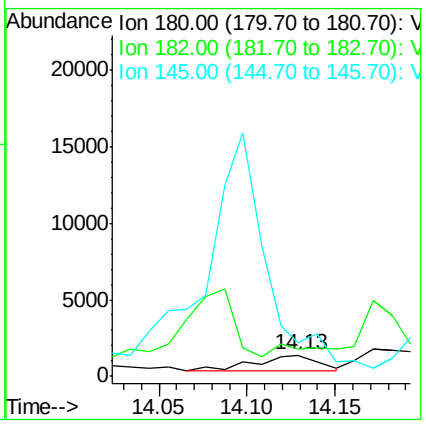


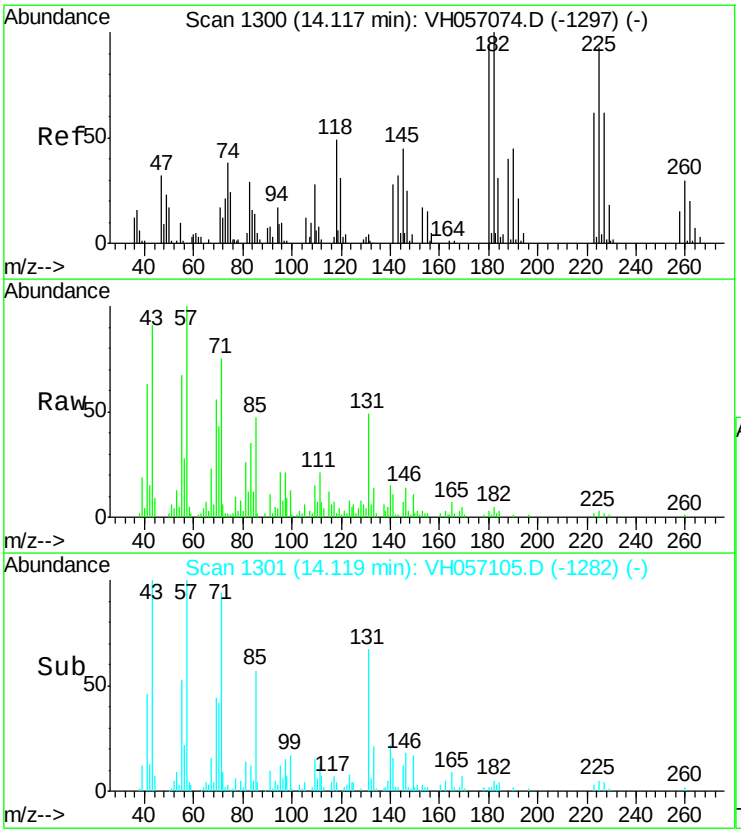
#93
1,2,4-Trichlorobenzene
Concen: 4.81 ug/l
RT: 14.13 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:180 Resp: 2555

Ion	Ratio	Lower	Upper
180	100		
182	128.7	43.0	129.2
145	161.7	17.3	52.0#

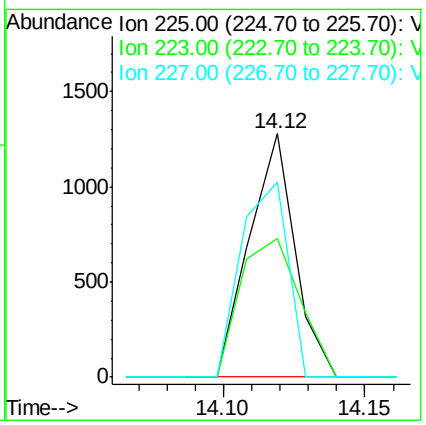


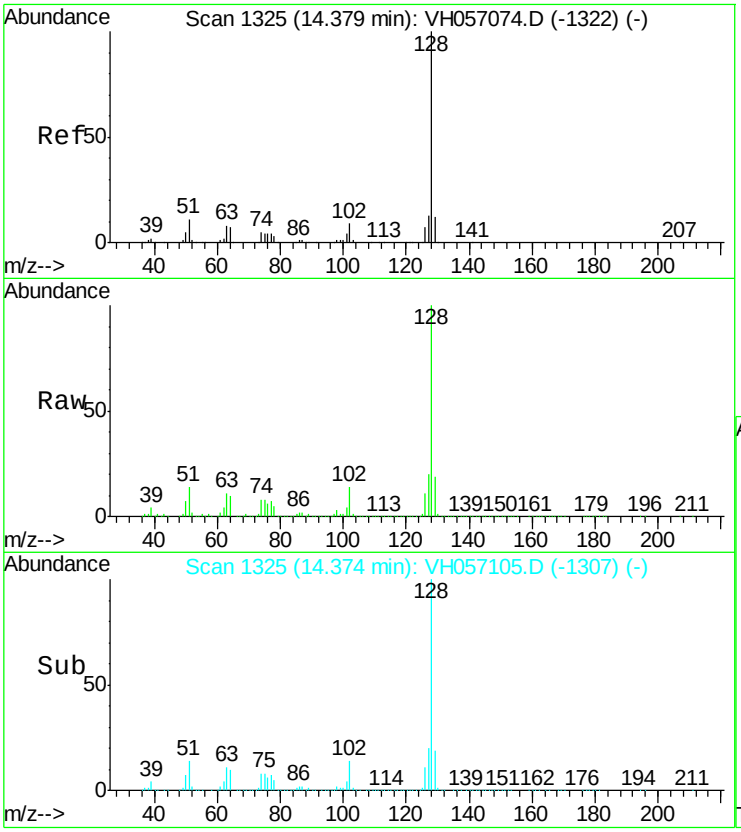


#94
Hexachlorobutadiene
Concen: 1.40 ug/l
RT: 14.12 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:225 Resp: 1441

Ion	Ratio	Lower	Upper
225	100		
223	57.2	30.3	90.8
227	80.2	30.5	91.5



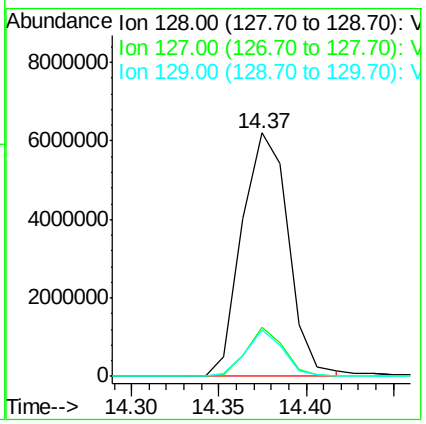


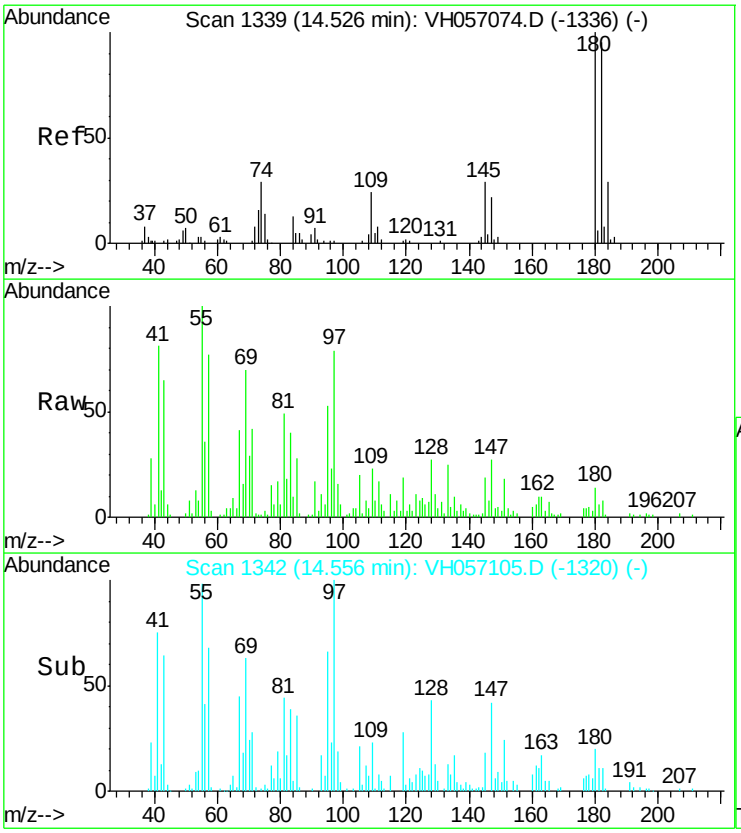
#95
Naphthalene
Concen: 1147.56 ug/l
RT: 14.37 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Instrument :
MSVOA_H
ClientSampleId :
MGP205-10-12

Tgt Ion:128 Resp:11437395

Ion	Ratio	Lower	Upper
128	100		
127	20.2	9.6	14.4#
129	19.3	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 14.92 ug/l
RT: 14.56 min Scan# 1342
Delta R.T. 0.03 min
Lab File: VH057105.D
Acq: 22 Sep 2015 15:15

Tgt Ion:180 Resp: 15700

Ion	Ratio	Lower	Upper
180	100		
182	60.7	47.1	141.3
145	136.4	12.5	37.5#